













# INDEX *of* PATENTS

ISSUED FROM

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PATENT OFFICE

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1938







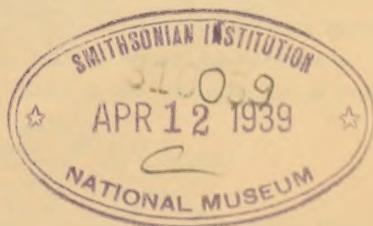
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UNITED STATES  
GOVERNMENT PRINTING OFFICE  
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# LIST OF PLANT PATENTEES FOR THE YEAR 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Disclaimers follow in separate indexes, but precede the List of Plant Inventions

- Aicardi, Domenico, San Remo, Italy, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 304; Nov. 8.
- Baur, Adolphe F. J., assignor to Baur-Steinkamp and Company, Incorporated, Indianapolis, Ind. Carnation. 273; Apr. 19.
- Baur, Adolphe F. J., assignor to Baur-Steinkamp and Company, Incorporated, Indianapolis, Ind. Carnation. 274; Apr. 19.
- Baur-Steinkamp and Company. (See Baur, Adolph F. J., assignor.)
- Brookins, Harold B., assignor to Jerry Brookins, Inc., Orchard Park, N. Y. Rose. 272; Apr. 12.
- Brookins, Jerry, Inc. (See Brookins, Harold B., assignor.)
- Burbank, Elizabeth W., executrix. (See Burbank, Luther.)
- Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Rose. 266; Jan. 4.
- Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Rose. 267; Jan. 4.
- Burbank, Luther, deceased, by E. W. Burbank, Santa Rosa, Calif., executrix, assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Rose. 269; Feb. 1.
- Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Peach tree. 290; Sept. 6.
- Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Peach tree. 291; Sept. 6.
- Byrum, Roy L., assignor to Jos. H. Hill Company, Richmond, Ind. Rose. 305; Nov. 29.
- Conard-Pyle Company, The. (See Meilland, Francis, assignor.)
- Conard-Pyle Company, The. (See Tantau, Mathias, assignor.)
- De Ruyter, Gerrit, Hazerswonde, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 270; Feb. 1.
- Dramm, Eugene R., assignor to Dramm Greenhouse, Inc., Elmhurst, Ill. Rose. 301; Nov. 1.
- Dramm Greenhouse, Inc. (See Dramm, Eugene R., assignor.)
- Engle, Russell, assignor to T. Knipe, Kokomo, Ind. Carnation. 275; Apr. 19.
- Fair, Robert W., Tyler, Tex. Peach tree. 283; Aug. 23.
- Gaujard, Jean, Feyzin, France, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 284; Aug. 23.
- Graham, Thomas E., Kent County, assignor to Greening Nursery Company, Monroe, Mich. Apple tree. 278; May 17.
- Graham, Thomas E., Kent County, assignor to Greening Nursery Company, Monroe, Mich. Apple tree. 293; Oct. 4.
- Greening Nursery Company. (See Graham, Thomas E., assignor.)
- Harpole, Marsh, Mount Vernon, Ill., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Peach tree. 271; Feb. 15.
- Hill, Jos. H., Company. (See Byrum, Roy L., assignor.)
- Hoffmann, Harry, Jacksonville, Ill. Rose. 286; Aug. 30.
- Horvath, Michael H., Mentor, Ohio. Rose. 287; Aug. 30.
- Horvath, Michael H., Mentor, Ohio. Rose. 288; Aug. 30.
- Horvath, Michael H., Mentor, Ohio. Rose. 296; Oct. 25.
- Horvath, Michael H., Mentor, Ohio. Rose. 297; Oct. 25.
- Horvath, Michael H., Mentor, Ohio. Rose. 298; Oct. 25.
- Horvath, Michael H., Mentor, Ohio. Rose. 299; Oct. 25.
- Howard, Frederick H., Montebello, Calif. Rose. 268; Jan. 18.
- Jackson & Perkins Company. (See Aicardi, Domenico, assignor.)
- Jackson & Perkins Company. (See De Ruyter, Gerrit, assignor.)
- Jackson & Perkins Company. (See Gaujard, Jean, assignor.)
- Jackson & Perkins Company. (See Nicolas, Jean H., assignor.)
- Kluis, John H., Boskoop, Netherlands, assignor to J. S. Merritt, Dundalk, Md. Hydrangea. 276; Apr. 19.
- Knipe, Tom. (See Engle, Russell, assignor.)
- Lothrop, Chester H., Lexington, Mass. Snapdragon. 302; Nov. 1.
- Maillochon, Léon, and E. Marlaud, Argenton-sur-Creuse (Indre), France, assignors to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Peach tree. 306; Nov. 29.
- Marlaud, Ernest. (See Maillochon, L., and Marlaud.)
- Meadowcroft, James N., assignor to J. H. Thompson's Sons, Kennett Square, Pa. Rose plant. 289; Aug. 30.
- Meilland, Francis, Tassin-les-Lyon, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose. 303; Nov. 8.
- Merritt, Joseph S. (See Kluis, John H., assignor.)
- Michler Florist, Inc. (See Michler, Louis A., assignor.)
- Michler, Louis A., Lexington, Ky., assignor to Michler Florist, Inc. Snapdragon. 281; June 21.
- Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 279; May 17.
- Nicolas, Jean H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 285; Aug. 23.
- Randig, Martin E., San Bernardino, Calif. Water lily. 294; Oct. 11.
- Ringdahl, Ivar, Rome, N. Y. Rose. 295; Oct. 18.
- Salbach, Carl, assignor to E. S. Salbach, Contra Costa County, Calif. Gladiolus. 280; June 21.
- Salbach, Ella L. (See Salbach, Carl, assignor.)
- Stark Bro's Nurseries & Orchards Company. (See Burbank, Luther, assignor.)
- Stark Bro's Nurseries and Orchards Company. (See Harpole, Marsh, assignors.)
- Stark Bro's Nurseries & Orchards Company. (See Maillochon, L., and Marlaud, assignors.)
- Stielow, Fred C., Niles Center, Ill. White rose. 277; Apr. 26.
- Stielow, Fred C., Niles Center, Ill. Rose. 292; Sept. 20.
- Tantau, Mathias, Utersen, Germany, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 300; Nov. 1.
- Thompson's, J. H. Sons. (See Meadowcroft, James N., assignor.)
- Towill, Edward, Roslyn, Pa. Rose. 282; Aug. 16.



# LIST OF PATENTEES

A. & F. Products. (See Krähenbuhl, Friedrich, assignor.)  
A. & M. Karagheusian, Inc. (See Baynton, H. H., and Foster, assignors.)  
A-W Heating Specialties Corporation. (See Wallerstein, Abraham, assignor.)  
A and Z Chain Company. (See Dalo, John, assignor.)  
A and Z Chain Company. (See Johnson, Sylvester A., assignor.)  
Aab, William, New Ulm, Minn. Valve refacing tool. 2,106,201; Jan. 25.  
Aalborg, Christian. (See Conrad, F., Aalborg, and French.)  
Aalborg, Christian, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Snap switch. 2,134,541; Oct. 25.  
Aanerud, Louis, assignor to F. H. Noble & Co., Chicago, Ill. Display stand. 2,139,649; Dec. 13.  
Aaronsen, Bess, et al. (See Pilblad, Eric J., assignor.)  
Aaronsen, Bess, et al. (See Strange, Charles C., assignor.)  
Abbé, Paul O., Bloomfield, assignor to Paul O. Abbé Inc., Little Falls, N. J. Ball and pebble mill. 2,122,399; July 5.  
Abbé, Paul O., Inc. (See Abbé, Paul O., assignor.)  
Abbott, Charles G., Washington, D. C. Solar heater. 2,133,649; Oct. 18.  
Abbott, Charles G., Washington, D. C. Solar distilling apparatus. 2,141,330; Dec. 27.  
Abbott, Adrian O., Jr., Argentine Township, Genesee County, G. K. McNeill, Detroit, Mich., E. Hazell, New York, N. Y., and W. A. Gibbons, Montclair, N. J., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for manufacturing latex tubes. 2,112,513; Mar. 29.  
Abbott, Albert I. (See Miller, W. C., and Abbott.)  
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,112,729; Mar. 29.  
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Terminal structure. 2,131,577; Sept. 27.  
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,133,838; Oct. 18.  
Abbott, Charles W. (See Bennett, Ross G., assignor.)  
Abbott, Charles W., Larchmont, N. Y. Electrical connecting device. 2,112,752; Mar. 29.  
Abbott, Charles W., Larchmont, N. Y. Electrical connecting device. 2,112,753; Mar. 29.  
Abbott, Charles W., Larchmont, N. Y. Wiring system. 2,115,000; Apr. 26.  
Abbott, Charles W., Larchmont, N. Y. Electric attachment plug receptacle. 2,119,066; May 31.  
Abbott, Charles W., Larchmont, N. Y. Method and apparatus for conduit construction. 2,137,887; Nov. 22.  
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Dyeing apparatus. 2,109,893; Mar. 1.  
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Apparatus for dyeing. 2,109,894; Mar. 1.  
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Knotter. 2,128,896; Sept. 6.  
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 2,129,660; Sept. 13.  
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Machine for preparing yarn packages. 2,135,485; Nov. 8.  
Abbott, Ernest J., Ann Arbor, assignor of one-half to W. E. and E. W. De Voe, Detroit, Mich. Control and operating mechanism for slide film projectors. 2,141,203; Dec. 27.  
Abbott, Frederick C., and H. W. Doennecke, assignors to Ozark Chemical Company, Tulsa, Okla. Recovering zinc sulphate dihydrate. 2,122,997; July 5.  
Abbott, Frederick C., Tulsa, Okla., S. R. B. Cooke, Rolla, Mo., and C. O. Anderson, Baxter Springs, Kans., assignors to Mahoning Mining Company, Youngstown, Ohio. Removing fluorspar from zinc concentrates. 2,137,600; Nov. 22.  
Abbott, Frederick F. M., Edgware, assignor to N. P. Billing, London, England. Cinematograph camera and projector apparatus. 2,104,631; Jan. 4.  
Abbott, James H., Bala-Cynwyd, Pa. Napkin holder for headrests. 2,130,217; Sept. 13.  
Abbott, John T., Chicago, Ill. Power developing unit for automotive vehicles. 2,107,844; Feb. 8.  
Abbott Laboratories. (See Adams, R., and Leffler, assignors.)  
Abbott Laboratories. (See Raiziss, G. W., and Brahin, assignors.)  
Abbott Laboratories. (See Raiziss, G. W., and Clemence, assignors.)  
Abbott Laboratories. (See Volwiler, E. H., and Moore, assignors.)  
Abbott Laboratories. (See Young, F. H., and Robinson, assignors.)

Abbott Machine Company. (See Abbott, Edward J., assignor.)  
Abdelnour, Dmitri C., Port Chester, assignor, by mesne assignments, to Sleetex Company, New York, N. Y. Wiper. Re. 20,813; Aug. 2.  
Abe, Philber A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Surface hardening lathe bed. 2,138,811; Dec. 6.  
Abe, Shiro, Nada-ku, Kobe, K. Setoguchi, Motoyama-Mura, Muko-gun, Hyogo-ken, and T. Nagai, Suma-ku, Kobe, assignors to Kabushiki Kaisha Kawanishi Kikai Seisakujo, Hayashida-ku, Kobe, Japan. Filament for incandescent lamps. 2,109,762; Mar. 1.  
Abegg & Reinhold Company. (See McLagan, George E.)  
Abegg, Walter A., assignor of one-half to B. Reinhold, Los Angeles, Calif. Drill pipe slip. 2,119,731; June 7.  
Abegg, Walter A., assignor of one-half to B. Reinhold, Los Angeles, Calif. Slush pump valve and the like. 2,131,928; Oct. 4.  
Abegg, Walter A., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rotary well reamer. 2,134,095; Oct. 25.  
Abel, Branson, Oakland, Calif. Gaff. 2,136,661; Nov. 15.  
Abel, Walter L., Waterloo, Iowa. Coverall. 2,104,145; Jan. 4.  
Abele, John C., Philadelphia, Pa. Speed controller for automotive vehicles. 2,124,683; July 26.  
Abele, Theodore J. (See Kuck, H. G., and Abele.)  
Abeles, Jerome, assignor to The Formfit Company, Chicago, Ill. Garment. 2,108,094; Feb. 15.  
Abell, Rollin, Milton, Mass. Internal combustion engine. 2,122,806; July 5.  
Abeloos, Paul, Juvisy, France, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Automatic selection station. 2,139,324; Dec. 6.  
Abendroth, Wilhelm, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator. 2,113,559; Apr. 12.  
Abercrombie Pump Co. (See Allen, Herbert, assignor.)  
Abercrombie Pump Company. (See Tennant, Joseph A., assignor.)  
Aberhold, Joseph E., Jr., and O. E. Duemler, Los Angeles, Calif., assignors to Walworth Patents Inc., Boston, Mass. Valve. 2,119,766; June 7.  
Aberle, Roy, Long Branch, N. J., assignor to Sanlin Offset Press Manufacturing Corporation, New York, N. Y. Offset lithographic machine. 2,140,256; Dec. 13.  
Abernathy, Clyde G., Hornell, N. Y. Road paver. 2,109,020; Feb. 22.  
Abeys, Ralph H., London, England. Apparatus for the electrodeposition of metals. 2,108,700; Feb. 15.  
Abraham, Leonard G., Madison, N. J., assignor to the American Telephone and Telegraph Company. Two-way signaling system. 2,108,186; Feb. 15.  
Abraham, Walter S. (See Lynn, E. K., and Abraham.)  
Abrahams, Alexander I. (See Atkins, George E., assignor.)  
Abrahams, Jacob, Bradley Beach, N. J. Tire lock. 2,112,661; Mar. 29.  
Abrams, Allen, and G. W. Forcey, Wausau, assignors to Marathon Paper Mills Company, Rothschild, Wis. Thermoplastic pressure sensitive composition and sheet materials coated with same. 2,142,039; Dec. 27.  
Abrams, Arthur J., New York, N. Y. Film magazine. 2,137,601; Nov. 22.  
Abrams, Harry, Brooklyn, N. Y. Camera adapted to take motion pictures and still pictures. 2,116,551; May 10.  
Abrams, Helman, Greenville, S. C. Air breezing apparatus. 2,137,661; Nov. 22.  
Abrams, Horace M., assignor to D. G. Ashton and S. B. Eddy, receivers for Jerome B. Rice Seed Co., Cambridge, Mass. Combined display package and rack. 2,135,093; Nov. 1.  
Abrams, Victor R. (See Moskovics, F. E., and Abrams.)  
Abramson, Alexander, Prague, Czechoslovakia. Carburetor for combustion engines. 2,104,315; Jan. 4.  
Abramson, Hugo, Lidings, Sweden, assignor to American Gas Accumulator Company, Elizabeth, N. J. Device for producing multiple flash signals. 2,128,391; Aug. 30.  
Abramson, Murry H., Springfield, Mass. Muffler. 2,112,006; Mar. 22.  
Abrasive Company. (See Fischer, John F., assignor.)  
Abrasive Machine Tool Co. (See Cornell, Elton S., assignor.)  
Abrasive Products, Inc. (See Walker, Charles R., assignor.)  
Accardi, Ferruccio, assignor to Fiat Società Anonima, Turin, Italy. Lock for automobile doors. 2,108,359; Feb. 15.  
Ace Fastener Corporation. (See Pankonin, William G., assignor.)  
Ace Fastener Corporation. (See Krantz, Edward, assignor.)  
Accessories Company, The. (See Sakier, George, assignor.)



- Acco Products, Inc. (See Kern, Emil, assignor.)  
 Accumulatoren-Fabrik Aktiengesellschaft. (See Burkhardt, Hans, assignor.)  
 Accumulatoren-Fabrik A.-G. (See Lange, A. E., Langguth, Breuning, and Dassler, assignors.)  
 Ace Fastener Corporation. (See Weber, W. F., Boa, and Pankonin, assignors.)  
 Ace Glass Incorporated. (See Luertzing, Walter O., assignor.)  
 Aceves, Julius G., assignor to Revelation Patents Holding Company, New York, N. Y. Electrical transmission system. 2,113,263; Apr. 5.  
 Achterfeldt, Carl A., Dusseldorf, Germany. Gas burner. 2,131,701; Sept. 27.  
 Acken, Marshall F., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of diaryl amines. 2,120,968; June 21.  
 Acken, Marshall F., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of diaryl amines. 2,120,969; June 21.  
 Acker, Aaron C., assignor to The Newell Mfg. Co., Ogdensburg, N. Y. Container punch. 2,122,830; July 5.  
 Acker, George H., Shaker Heights, assignor to The Farval Corporation, Cleveland, Ohio. Lubricating valve. 2,105,577; Jan. 18.  
 Acker, George H., Shaker Heights, assignor to The Cleveland Worm and Gear Company, Cleveland, Ohio. Reduction gear. 2,113,868; Apr. 12.  
 Ackerman, Edward D., Ellinwood, Kans. Rat hole drilling mechanism. 2,131,830; Oct. 4.  
 Ackerman, Harold S., Pontiac, Mich. Motor control valve. 2,123,519; July 12.  
 Ackerman, John E., Gothenburg, Nebr. Burial vault. 2,114,202; Apr. 12.  
 Ackerman, William, London, Ohio. Combined cultivator and weed cutter. 2,104,004; Jan. 4.  
 Ackermann, Franz. (See Graenacher, C., Bruenger, and Ackermann.)  
 Ackermann, Otto, Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,130,829; Sept. 20.  
 Ackerson, Alfred H., assignor to Util-Tong, Inc., Chicago, Ill. Tong. 2,116,651; May 10.  
 Ackley, Amos. (See Schwartz, J., and Ackley.)  
 Ackley, Ervin L. (See Bath, S. W., and Ackley.)  
 Acklin Stamping Company, The. (See Smith, Harry F., assignor.)  
 Acme Air Appliance Company. (See Longstreet, Walter H., assignor.)  
 Acme Backing Corporation. (See Freyberg, Ralph M., assignor.)  
 Acme Bulletin & Directory Board Corp. (See Siebert, William R., assignor.)  
 Acme Chemical Company. (See Dickinson, Christmas O., assignor.)  
 Acme Electric & Manufacturing Company, The. (See Comstock, James A., assignor.)  
 Acme Propeller Corporation. (See Farrell, Stephen A., assignor.)  
 Acme Protection Equipment Company. (See Millard, Frederick C., assignor.)  
 Acme Protection Equipment Company. (See O'Leary, Thomas A., assignor.)  
 Acme Protection Equipment Company. (See Turner, Russell J., assignor.)  
 Acme Steel Company. (See Henderson, Clarence S., assignor.)  
 Acme Steel Company. (See MacChesney, Chester M., assignor.)  
 Acme Steel Company. (See Twomley, Herbert E., assignor.)  
 Acme Steel Company. (See Wilson, Allen B., assignor.)  
 Acme Steel & Malleable Iron Works, Inc. (See Parker, Frank O., assignor.)  
 Acree, Edward H. (See Bombard, J. A., and Acree.)  
 Acrofor, Inc. (See Orshansky, Elias Jr., assignor.)  
 Actiengesellschaft C. P. Goerz Optische Anstalt Actiwa Spolecnost K. P. Goerz Opticky ustav. (See Raaber, Hans, assignor.)  
 Actiengesellschaft Joh. Jacob Rieter & Cie. (See Hess, Heinrich O., assignor.)  
 Acton, Russel E., Chicago, Ill., assignor to International Harvester Company. Tractor construction. 2,129,724; Sept. 13.  
 Acuff, Henry C., Knoxville, Tenn. Electrical connecting device. 2,108,031; Feb. 15.  
 Ad Air Craft. (See Shaw, Louis E., assignor.)  
 Adair, Dorothy W., New York, N. Y. Coraset. 2,135,931; Nov. 8.  
 Adair, Samuel E. (See Jenkins, J. E., and Adair, assignors.)  
 Adam, Florence S., et al. (See Adam, Sidney F., assignor.)  
 Adam, Robert G., et al. (See Adam, Sidney F., assignor.)  
 Adam, Sidney F., assignor of one third to R. G. Adam and one third to F. S. Adam, St. Louis, Mo. Vehicle direction signal. 2,109,408; Feb. 22.  
 Adamczyk, Alois, Bethlehem, Pa. Ice cube crusher. 2,104,577; Jan. 4.  
 Adams, Arthur H. (See Blake, E. J., and Adams.)  
 Adams, Basil A., and E. L. Holmes, Teddington, England. Manufacture and use of synthetic resins. 2,104,501; Jan. 4.  
 Adams Brothers Incorporated, Ltd. (See Adams, Henry M., assignor.)  
 Adams, Carroll E. (See Wells, Frank O., assignor.)  
 Adams, Carroll E., Pawtucket, R. I. Drill grinder. 2,109,308; Feb. 22.  
 Adams, Carroll E., Pawtucket, R. I. Drill point locator. 2,130,575; Sept. 20.  
 Adams, Charles A., Davenport, Iowa. Electric light socket and switch. 2,119,146; May 31.  
 Adams, Charles F., New York, N. Y. Vacuum and pressure filling apparatus for fluid, plastic, or various other materials. 2,106,492; Jan. 25.  
 Adams, Chas. H. (See Stokes, George, assignor.)  
 Adams, Chester E., Hammond, Ind., and F. W. Scheineman, assignors to Standard Oil Company, Chicago, Ill. Separation of wax from oils. 2,122,019; June 28.  
 Adams, Chester E., and F. W. Sullivan, Jr., Hammond, Ind., and J. A. Anderson, Chicago, Ill., assignors to Standard Oil Company, Chicago, Ill. Dewaxing lubricating oils. 2,107,137; Feb. 1.  
 Adams Company, The. (See Spensley, William J., assignor.)  
 Adams, Daniel G., assignor to Adams Grease Gun Corporation, New York, N. Y. Lubricating apparatus. 2,104,146; Jan. 4.  
 Adams, Edward T. (See Hoferer, D. W., and Adams.)  
 Adams, Elise P. (See Booker, Norman N., assignor.)  
 Adams, Elmer W. (See Brunstrum, L. C., and Adams.)  
 Adams, Elmer W., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Insecticidal oil spray. 2,115,380; Apr. 26.  
 Adams, Elmer W., and G. M. McNulty, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Pure compounds as extreme-pressure lubricants. 2,110,281; Mar. 8.  
 Adams, Elmer W., Hammond, Ind., and F. H. MacLaren, Calumet City, assignors to Standard Oil Company, Chicago, Ill. High tensile strength wax. 2,127,668; Aug. 23.  
 Adams, Elmer W., Hammond, F. K. Ovitz, Whiting, and E. G. Wiley, Hammond, assignors to Standard Oil Company, Chicago, Ill. Soot remover. 2,141,848; Dec. 27.  
 Adams, Elwood J., assignor of fifty percent to R. T. Adams, Pitman, N. J., and fifty percent to G. V. Dittman, Philadelphia, Pa. Casement sash. 2,117,391; May 17.  
 Adams, Ferdinand G., Maplewood, N. J. Receptacle closure and dispensing device. 2,114,583; Apr. 19.  
 Adams, Folger, Joliet, Ill. Jail lock and the like. 2,119,090; May 31.  
 Adams, George E., Pawtucket, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Center stop motion for looms. 2,141,636; Dec. 27.  
 Adams, George R., Los Angeles, Calif. Door latch. 2,108,326; Feb. 15.  
 Adams, George R., Hillsboro, Tex. Gas mixer. 2,128,519; Aug. 30.  
 Adams Grease Gun Corporation. (See Adams, Daniel G., assignor.)  
 Adams, Gridley, Weehawken, N. J. Refrigerator cold saver. 2,127,379; Aug. 16.  
 Adams, Harry B., assignor to Cherry-Burrell Corporation, Chicago, Ill. Apparatus for delivering edible solids to ice cream. 2,130,113; Sept. 13.  
 Adams, Harry W. (See Mathews, C. B., Adams, and Berry.)  
 Adams, Henry M., assignor to Adams Brothers Incorporated, Ltd., Los Angeles, Calif. Broken pipe clamp. 2,127,456; Aug. 16.  
 Adams, Herbert L., Washington, D. C. Detachable cabin with parachute. 2,120,477; June 14.  
 Adams, Herman E., Paducah, Ky. Switch construction. 2,116,495; May 10.  
 Adams, Irene M., Portland, Oreg. Food form. 2,117,266; May 17.  
 Adams, J. D., Manufacturing Company. (See Cost, William A., assignor.)  
 Adams, J. D., Manufacturing Company. (See Iverson, Emil C., assignor.)  
 Adams, J. D., Manufacturing Company. (See Lyden, Frank J., assignor.)  
 Adams, John H., Seattle, Wash. Washboard for use in sinks. 2,129,079; Sept. 6.  
 Adams, John J. (See Stone, Walter L., assignor.)  
 Adams, John V. (See Behr, L., Williams, and Adams.)  
 Adams, Joy C., Bridgeport, Conn., assignor to General Electric Company. Coffee maker. 2,107,923; Feb. 8.  
 Adams, Joy C., Bridgeport, Conn., assignor to General Electric Company. Coffee maker. 2,107,924; Feb. 8.  
 Adams, Joy C., Fairfield, Conn., assignor to General Electric Company. Fruit juice extractor. 2,124,621; June 21.  
 Adams, Pinkney B., Stuttgart, Ark. Anchoring means for false teeth. 2,112,007; Mar. 22.  
 Adams, Oscar C., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 2,136,489; Nov. 15.  
 Adams, Ralph S., Charleston, W. Va. Stop light switch. 2,127,669; Aug. 23.  
 Adams, Robert P., Killeen, Tex. Meter gap expander. 2,139,063; Dec. 6.  
 Adams, Robert T., et al. (See Adams, Elwood J., assignor.)



- Adams, Roger, and M. T. Leffler, Urbana, assignors to Abbott Laboratories, North Chicago, Ill. Aminophenyl-oxazolines. 2,114,326; Apr. 19.
- Adams, Simpson J., and W. A. Smith, Spindle, N. C. Stop motion for roving frames. 2,129,639; Sept. 13.
- Adams, Stephen S., St. Louis, Mo. Housing for reflector buttons. 2,118,911; May 31.
- Adams, Thomas E., Angola, N. Y. Inflating and closure means for pneumatic tires. 2,136,929; Nov. 15.
- Adams, W. J., Inc. (See Adams, William J., assignor.)
- Adams, Wilbur H. (See Roe, M. E., and Adams.)
- Adams, William, Toronto, Ontario, Canada. Fastening roofing or siding material. 2,109,938; Mar. 1.
- Adams, William, Baltimore, Md. Beer cooler. 2,113,972; Apr. 12.
- Adams, William C., Panama City, Fla. Display fixture. 2,120,197; June 7.
- Adams, William J., Jr., Santa Cruz, Calif. Combination fixed blade and tilting bowl scraper. 2,124,408; July 19.
- Adams, William J., Santa Cruz, assignor to W. J. Adams, Inc., Stockton, Calif. Scraper. 2,131,421; Sept. 27.
- Adams, William J., Santa Cruz, assignor to W. J. Adams, Inc., Stockton, Calif. Wagon scraper. 2,136,203; Nov. 8.
- Adams, William R., and G. B. Grace, San Francisco, Calif. Dishwashing apparatus. 2,111,038; Mar. 15.
- Adams, William S., Great Falls, Mont., assignor to Anaconda Wire & Cable Company, New York, N. Y. Coiling machine. 2,128,278; Aug. 30.
- Adamson, Arthur Q., Long Beach, Calif. Multiple purpose sewing equipment holder. 2,121,676; June 21.
- Adamson, Herman, Highland Park, Ill. Method of and apparatus for straightening doors. 2,109,659; Mar. 1.
- Adamson, Herschel E., Eureka Springs, Ark. Guitar playing simplifier. 2,132,281; Oct. 4.
- Adamson, Lee H., West Los Angeles, Calif. Field marker. 2,127,852; Aug. 23.
- Adamson, Seth. (See Roberts, E. F., and Adamson.)
- Adamson, Seth, Larchmont, assignor to United States Rubber Products, Inc., New York, N. Y. Trousers. 2,106,334; Jan. 25.
- Adamson, Seth, Larchmont, assignor to United States Rubber Products, Inc., New York, N. Y. Sweat band for hats. 2,118,583; May 24.
- Addicks, Christian J. (See Jenkins, R. J., and Addicks.)
- Addinall, Carl R., Westfield, and R. T. Major, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Production of hydrohalides of alkyl esters of iso-quinoline alkaloids. 2,104,726; Jan. 11.
- Addink, Nicolaas W. H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Red fluorescent layer. 2,113,973; Apr. 12.
- Addink, Nicolaas W. H., J. H. de Boer, P. M. V. Alphen, and G. Zecher, Eindhoven, Netherlands, assignors to General Electric Company, Gaseous electric discharge lamp device. 2,135,690; Nov. 8.
- Addor, Marcel A., Noranda, Quebec, Canada. Reflector assembly. 2,133,839; Oct. 18.
- Addressograph-Multigraph Corporation. (See Chisholm, Clifton, assignor.)
- Addressograph-Multigraph Corporation. (See Curtis, Franklin E., assignor.)
- Addressograph-Multigraph Corporation. (See Gollwitzer, Walter T., assignor.)
- Addressograph-Multigraph Corporation. (See Hagelin, William T., assignor.)
- Addressograph-Multigraph Corporation. (See Hueber, Carl J., assignor.)
- Addressograph-Multigraph Corporation. (See Osborn, Henry C., assignor.)
- Addressograph-Multigraph Corporation. (See Rowell, George S., assignor.)
- Addressograph-Multigraph Corporation. (See Wescott, William B., assignor.)
- Addy, George W. (See Baldwin, G. J., and Addy.)
- Adell, John A., Orange, assignor of one-half to A. L. Johnson, Worcester, Mass. Making threaded tubes. 2,104,688; Jan. 4.
- Adelman, Arthur. (See Huff, S. P., and Adelman.)
- Adelson, Samuel L., Chicago, Ill., assignor, by mesne assignments, to Inflico Inc. Flow-responsive device. 2,116,550; May 10.
- Adelson, Samuel L., assignor, by mesne assignments, to Inflico Inc. Flow metering device. 2,138,266; Nov. 29.
- Adjustable Louver Corporation. (See Sigal, Solomon, assignor.)
- Adkins, Bernard, Rugby, England, assignor to General Electric Company. System of electric motor control. 2,120,848; June 14.
- Adlake Company, The. (See Breackvelt, Julius, assignor.)
- Adlake Company, The. (See Hamm, William S., assignor.)
- Adlake Company, The. (See Larson, Carl H., assignor.)
- Adlake Company, The. (See Larson, C. H., and McCarthy, assignors.)
- Adlake Company, The. (See Mohun, John L., assignor.)
- Adlake Company, The. (See Verhagen, Christian M., assignor.)
- Adlake Company, The. (See Putt, Harlie O., assignor.)
- Adlake Company, The. (See Verhagen, Christian M., assignor.)
- Adler, Charles, Jr., Baltimore, Md. Signal. 2,121,276; June 21.
- Adler, Charles, Jr., Baltimore, Md. Signal. 2,129,602; Sept. 6.
- Adler, Herman G., assignor to Handy Governor Corporation, Detroit, Mich. Governor. 2,125,011; July 26.
- Adler, Joseph I., Chicago, Ill. Column assembly. 2,123,621; July 12.
- Adler, Leon, St. Louis, Mo. Package. 2,116,652; May 10.
- Adler, Leon, St. Louis, Mo. Miniature packet. Re. 20,843; Sept. 6.
- Adler Manufacturing Company. (See Plengemeir, Matthew, assignor.)
- Adlerwerke vorm. Heinrich Kleyer Aktiengesellschaft. (See Schlaefke, Karl H., assignor.)
- Adolfson, Ernest F., Hazel Park, Mich. Oil burner. 2,137,681; Nov. 22.
- Adrema Maschinenbauges m. b. H. (See Radice, P., and Schwerdt, assignors.)
- Adrian, Sylvester F., Fond du Lac, Wis. Coin controlled sound reproducing system. 2,122,550; July 5.
- Advance Aluminum Castings Corp. (See Grundstrom, Erik G., assignor.)
- Advance Engineering Company. (See Nordell, Carl H., assignor.)
- Advance Machine Co. (See Gebert, A. E., and Black, assignors.)
- Advance Machine Co. (See Richardson, M. H., and Gebert, assignors.)
- Aeberli, Ernst, Horgen, Switzerland. Shaping machine. 2,125,873; Aug. 9.
- Aegler, Herman, Bienne, Switzerland. Balance wheel. 2,116,257; May 3.
- Aeppli, Albert, assignor to firm Maag-Zahnrad und Maschinen A.-G., Zurich, Switzerland. Helical gear cutting machine. 2,130,055; Sept. 13.
- Aermotor Company. (See Scholes, Daniel R., assignor.)
- Aerostatica Avorio Società in Accomandita Semplice. (See Avorio, Luigi, assignor.)
- Aerovox Corporation. (See Heyman, Sam, assignor.)
- Aeschbach, Emil, assignor to the firm F. Aeschbach A.-G., Aarau, Switzerland. Device for discharging troughs. 2,137,558; Nov. 22.
- Aeschbach, F., A.-G. (See Aeschbach, Emil, assignor.)
- Aeschbach, Walter E., assignor to The Measuringgraph Company, St. Louis, Mo. Cutting feature for cloth measuring machines. 2,112,413; Mar. 29.
- Aeschlimann, Fritz. (See Kartaschoff, V., and Aeschlimann.)
- Aetna Ball Bearing Manufacturing Company. (See Stein, Louis H., assignor.)
- Aetna Casualty & Surety Co., The, et al. (See Sheppard, John W., assignor.)
- Aetna Rubber Company, The. (See Campbell, Stanley T., assignor.)
- Aetna-Standard Engineering Company, The. (See Leach, William W., assignor.)
- "Afa" Finanzierungs, A. G. (See Sindl, O., and Frank.)
- Afel, Herman A., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency converter. 2,126,859; Aug. 16.
- Afelder, Harry F., Cleveland Heights, Ohio. Adhesive applying mechanism. 2,141,634; Dec. 27.
- Afel, Herman A., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency converter. 2,126,859; Aug. 16.
- Agbayani, Donato F., Lingayen, P. I. Pencil protector and penholder. 2,114,203; Apr. 12.
- Agee, George. (See Nifong, Thomas H., assignor.)
- Agens, Maynard C. (See Nordlander, B. W., and Agens.)
- Agfa Anso Corporation. (See Barth, W., and Duerr, assignors.)
- Agfa Anso Corporation. (See Current, Ira B., assignor.)
- Agfa Anso Corporation. (See Dieterle, W., and Horst, assignors.)
- Agfa Anso Corporation. (See Dieterle, W., and Zeh, assignors.)
- Agfa Anso Corporation. (See Eckler, Leopold, assignor.)
- Agfa Anso Corporation. (See Eggert, J., and Wendt, assignors.)
- Agfa Anso Corporation. (See Gehrke, Friedrich W., assignor.)
- Agfa Anso Corporation. (See Goldhamer, Leo, assignor.)
- Agfa Anso Corporation. (See Goldhammer, L., and Frost, assignors.)
- Agfa Anso Corporation. (See Goldhammer, Leo, assignor.)
- Agfa Anso Corporation. (See Hagedorn, Max, assignor.)
- Agfa Anso Corporation. (See Heymer, Gerd, assignor.)
- Agfa Anso Corporation. (See Knodel, Adolf, assignor.)
- Agfa Anso Corporation. (See Koslowsky, Robert, assignor.)
- Agfa Anso Corporation. (See Kumet, K., and Gassner, assignors.)
- Agfa Anso Corporation. (See Ochwat, P., and Wendt, assignors.)
- Agfa Anso Corporation. (See Wendt, Bruno, assignor.)
- Agfa Anso Corporation. (See Weyde, Edith, assignor.)
- Agfa Anso Corporation. (See Wilmanns, G., Fricke, and Birr, assignors.)



- Agfa Anso Corporation. (See Wilmanns, G., and Schneider, assignors.)
- Agfa Anso Corporation. (See Wolf, P., and Sieglitz, assignors.)
- Agfa Anso Corporation. (See Zeh, Walter, assignor.)
- Agfa Anso Corporation. (See Zeh, W., Sieglitz, and Dabelow, assignors.)
- Agger, Jens. (See Northup, H. L., and Agger.)
- Aggers, Clair V., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Battery charging regulator. 2,114,827; Apr. 19.
- Aggers, Walter B., Coalinga, Calif. Pipe and tubing rack. 2,127,492; Aug. 23.
- Aghito, Marco, Torino, Italy. Safety razor. 2,107,358; Feb. 8.
- Aghuides, Elie, Brussels, Belgium. Connector for taps, pipes and the like. Re. 20,706; Apr. 26.
- Agnew, Norman F., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for charging storage batteries. 2,104,632; Jan. 4.
- Agnew, Norman F., Swissvale, and B. Mishelevich, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,104,602; Jan. 4.
- Agnew, Norman F., Penn Township, Allegheny County, and B. Mishelevich, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,104,603; Jan. 4.
- Agnew, Norman F., Penn Township, Allegheny County, and C. M. Hines, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,124,601; July 26.
- Agnew, Norman F., Swissvale, and B. Mishelevich, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,137,747; Nov. 22.
- Agnew, Prentiss B., Atlanta, Ga. Synchronizing apparatus. 2,120,140; June 7.
- Agosta, Corrado, and F. Notarangelo, Bristol, Conn. Tap for tap-dancing shoes. 2,104,179; Jan. 4.
- Agosta, Corrado, and F. Notarangelo, Bristol, Conn. Tap for tap dancing shoes. 2,114,461; Apr. 19.
- Agren, Ernst M., Stockholm, Sweden, assignor to Pulvis Aktiengesellschaft, Glarus, Switzerland. Packing device for rotary elements. 2,135,654; Nov. 8.
- Agricola, Alfred, Berlin-Neutempelhof, assignor to Allgemeine Elektrizitätsgesellschaft, Berlin-Tempelhof, Germany. Variable inductance radio frequency coil. 2,107,172; Feb. 1.
- Agudio, Paolo, Turin, Italy. Quick-acting wrench or other clamping device. 2,130,218; Sept. 13.
- Agulnek, Harry, assignor to S. Misheon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Knitting machine. 2,112,260; Mar. 29.
- Ahler, George W., Colton, Calif. Walking brace. 2,111,018; Mar. 15.
- Ahlmann, Nikolai, Copenhagen, Denmark, assignor to F. L. Smith & Company, New York, N. Y. Cement Manufacture. 2,125,263; Aug. 2.
- Ahlport, B. E. (See Knox, Granville S., assignor.)
- Ahlquist, Arthur A., Norwood, R. I., assignor to Uncas Manufacturing Company. Finger ring. 2,118,335; May 24.
- Ahrbecker, Harold L. (See Battles, S. S., and Ahrbecker.)
- Ahrens-Fox Fire Engine Company, The. (See Fox, Charles H., assignor.)
- Ahrens, Robert S., assignor to Seeger Refrigerator Company, St. Paul, Minn. Method and apparatus for controlling circulation in refrigerators. 2,112,205; Mar. 22.
- Ahrndt, Emil A., and H. W. Söndagh, assignors to Naamlooze Vennootschap Vereenigde Draadfabrieken, Nijmegen, Netherlands. Torsion balance. 2,124,968; July 26.
- Ahronheim, Charles, Highland Park, assignor of one-half to E. P. Lieberthal, Chicago, Ill. Arch support. 2,106,202; Jan. 25.
- Alala, Rocco, assignor to Epiphone, Inc., New York, N. Y. Pedal control for electrically amplified musical instruments. 2,139,217; Dec. 6.
- Atcher, John O., East Cleveland, Ohio, assignor to General Electric Company. Electric discharge device. 2,109,984; Mar. 1.
- Aligner, G. J., Company. (See Aligner, George J., assignor.)
- Aligner, George J., assignor to G. J. Aligner Company, Chicago, Ill. Index strip holder. 2,125,264; Aug. 2.
- Alken, Charles B., New York, N. Y., and T. Durfee, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shield for ignition plugs. 2,108,635; Feb. 15.
- Allen, Thomas McG., Pittsburgh, Pa. Window operating and door locking mechanism. 2,105,830; Jan. 18.
- Allen, Thomas McG., Pittsburgh, Pa. Photographic apparatus. 2,108,246; Feb. 15.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure controlled clutch. 2,104,472; Jan. 25.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake and clutch control device. 2,104,473; Jan. 25.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor cooling system. 2,108,785; Feb. 22.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor valve. 2,110,691; Mar. 8.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation controller. 2,110,692; Mar. 8.
- Alkman, Burton S., Wilkinsburg, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control system. 2,112,414; Mar. 29.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,112,415; Mar. 29.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor unloader. 2,113,637; Apr. 12.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pump unloader. 2,115,546; Apr. 26.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Hydro-pneumatic brake. 2,115,547; Apr. 26.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control device. 2,118,130; May 24.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,118,389; May 24.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,118,390; May 24.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid compressor. 2,121,534; June 21.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drain valve. 2,125,144; July 26.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drain valve. 2,125,145; July 26.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor lubricator. 2,128,065; Aug. 23.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor governor. 2,130,607; Sept. 20.
- Alkman, Burton S., Wilkinsburg, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Compressor cooling control. 2,130,608; Sept. 20.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,132,913; Oct. 11.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Emergency valve device. 2,132,915; Oct. 11.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control device. 2,132,916; Oct. 11.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor valve control. 2,135,247; Nov. 1.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control. 2,135,248; Nov. 1.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control mechanism. 2,137,219; Nov. 22.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor lubricator. 2,137,220; Nov. 22.
- Alkman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Motor protection device. 2,137,221; Nov. 22.
- Aime, Frank L., assignor to Anaconda Wire & Cable Company, New York, N. Y. Fluid impregnated electric cable. 2,118,584; May 24.
- Aime, Frank L., assignor to Anaconda Wire & Cable Company, New York, N. Y. Electric cable. 2,134,771; Nov. 1.
- Ainsley, Frederick J. (See Davis, N. E., and Ainsley.)
- Ainslie Knitting Machine Co. (See Broadwin, Sampson, assignor.)
- Ainsworth, Chester D., Wollaston, Mass., assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Circuit breaker. 2,109,685; Mar. 1.
- Ainsworth, George C., St. Petersburg, Fla. Fruit corer. 2,117,278; May 17.
- Ainsworth Manufacturing Corporation. (See Foster, Albert T., assignor.)
- Ainsworth, Wm., & Sons, Inc. (See Dahlberg, A., and Clayson, assignors.)
- Air Conditioners, Inc. (See Marr, George M., and A. P., assignors.)
- Air Conditioning Equipment Inc. (See Brus, Emil P., assignor.)
- Aircraft Specialties, Inc. (See Vaughan, Willis, assignor.)
- Air Devices Corporation. (See Boothby, Donald D., assignor.)
- Air Devices Corporation. (See Child, Lachlan W., assignor.)
- Air Devices Corporation. (See Curtis, William R., assignor.)
- Airington Company, The. (See Airington, Marques J., assignor.)



- Airington, Marques J., assignor to The Airington Company, Kansas City, Mo. Vending device. 2,109,377; Feb. 22.
- Airmaster Corporation. (See Hueglin, Herman C., assignor.)
- Airmatic Systems, Inc. (See Busch, Herman, assignor.)
- Air-O-Matic Ventilator Company. (See Ravven, Leo L., assignor.)
- Air Preheater Corporation, The. (See Herbeck, Charles J., assignor.)
- Air Reduction Company. (See Anderson, James L., assignor.)
- Air Reduction Company. (See Begerow, John H. W., assignor.)
- Air Reduction Company. (See Deming, George M., assignor.)
- Airmatic Systems, Inc. (See Busch, Herman, assignor.)
- Air Reduction Company. (See McKiernan, James D., assignor.)
- Air Reduction Company. (See Metzger, Floyd J., assignor.)
- Air Reduction Company. (See Rooke, R. M., and Saacke, assignors.)
- Air Reduction Company. (See Sherman, William J., assignor.)
- Air Reduction Company. (See Walker, George L., assignor.)
- Alttemp, Incorporated. (See Williams, Burdell S., assignor.)
- Air-Way Electric Appliance Corporation. (See Dow, Dewey M., assignor.)
- Air-Way Electric Appliance Corporation. (See Dow, D. M., Boyd, and Burmeister, assignors.)
- Air-Way Electric Appliance Corporation. (See Dow, D. M., and Latta, assignors.)
- Air-Way Electric Appliance Corporation. (See Riebel F., Jr., and Dow, assignors.)
- Air-Way Electric Appliance Corporation. (See Voorhees, Leonard B., assignor.)
- Aitken, Alex., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner construction. 2,118,721; May 24.
- Aitken, Andrew W. (See Greiner, C. F., and Aitken.)
- Aitken, Andrew W., assignor to The Buffalo-Springfield Roller Co., Springfield, Ohio. Road roller. 2,114,069; Apr. 12.
- Aitken, Earle M., Saugus, assignor of one-third to J. Catto, Oakland, one-third to J. M. MacPherson, Berkeley, and one-third to J. R. Wood, Los Angeles, Calif. File sharpening method and apparatus. Re 20,914; Nov. 15.
- Ajax Electric Furnace Corporation. (See Howard, K. S., and Locke, assignors.)
- Ajax Electric Furnace Corporation. (See Wyatt, James R., assignor.)
- Ajax Flexible Coupling Company. (See Welch, William T., assignor.)
- Ajax Manufacturing Company, The. (See Criley, William W., assignor.)
- Ajouelo, Davis J., Atlanta, Ga., assignor to Sears, Roebuck and Co. Stenciling machine. 2,132,282; Oct. 4.
- Ajouelo, Davis J., assignor to A. May, Atlanta, Ga. Venetian blind. 2,141,502; Dec. 27.
- Akane, William R., Homewood, Ala. Grinding and polishing apparatus. 2,111,955; Mar. 22.
- Akan, George. (See Ley, G. J., Payne, and Akau.)
- Akeley Camera, Inc. (See Spence, J. L., Jr., and Leventhal, assignors.)
- Akerman, John, Chicago, Ill., assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind. Airplane with floating wings. 2,105,307; Jan. 11.
- Akerman, John, Chicago, Ill., assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind. Airfoil fuel tank for airplanes and the like. 2,124,867; July 26.
- Akers, Earl C., Detroit, Mich. Direction signal for motor vehicles. 2,138,533; Nov. 29.
- Akers, Earl C., Detroit, Mich. Signal switch. 2,141,075; Dec. 20.
- Akers, James L., Anneslie, Md. Paint funnel-scraper. 2,124,021; July 19.
- Akers, James R., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Drying leather. 2,126,712; Aug. 16.
- Akers, John, and K. H. Pearson, San Francisco, Calif. Support for paint brushes. 2,138,812; Dec. 6.
- Akeyson, Swan M., Long Beach, Calif. Vibrating endless screen. 2,104,785; Jan. 11.
- Akin, Robert M., Jr., Sleepy Hollow Manor, North Tarrytown, N. Y. Method and apparatus for cleaning ends of insulated electric wires. 2,116,228; May 3.
- Akin, Ruth H., Winchester, Mass. Baby crib. 2,128,978; Sept. 6.
- Alkins, Randall P., Denver, Colo. Ore concentrator. 2,108,290; Jan. 25.
- Akitt, Norman B., assignor, by mesne assignments, to Gould Coupler Corporation, Rochester, N. Y. Coupler. 2,118,817; May 10.
- Akron Brass Manufacturing Company. (See Schellin, John C., assignor.)
- Akron Brass Manufacturing Company. (See Schellin, J. C., Housekeeper, and Hamilton, assignors.)
- Aktiebolaget Asmaga Agenturer. (See Clason, Jan C., assignor.)
- Aktiebolaget Elektrolux. (See Engberg, Axel O., assignor.)
- Aktiebolaget Elektrolux. (See Eriksson-Jons, Anders, assignor.)
- Aktiebolaget Facit. (See Annerén, R. E., and Carlström, assignors.)
- Aktiebolaget Facit. (See Carlström, B., and Hanson, assignors.)
- Aktiebolaget Formator. (See Dahlström, E. R., and Granstedt, assignors.)
- Aktiebolaget Formator. (See Granstedt, Karl E., assignor.)
- Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Johnson, Bror A. E., assignor.)
- Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Örström, Gustaf, assignor.)
- Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Von Segebaden, E., and Johnson, assignors.)
- Aktiebolaget Götaverken. (See Johansson, Johan E., assignor.)
- Aktiebolaget Kanthal. (See Nordström, Bengt G. O., assignor.)
- Aktiebolaget Kemiska Patent. (See Nordengren, Sven G., assignor.)
- Aktiebolaget Ljungströms Angturbin. (See Lysholm, Alf, assignor.)
- Aktiebolaget Ljungströms Angturbin. (See Lysholm, A., and Wahlsten, assignors.)
- Aktiebolaget Milo. (See Lysholm, Alf, assignor.)
- Aktiebolaget Milo. (See Lysholm, Alf, and E. L. R., assignors.)
- Aktiebolaget Nomy. (See Wallgren, August G. F., assignor.)
- Aktiebolaget Nomy. (See Wallgren, A. G. F., and Janson, assignors.)
- Aktiebolaget Nordiska Hovbeslaget. (See Nygaard, J. O., and Mißen, assignors.)
- Aktiebolaget Rosenblads Patent. (See Rosenblad, Curt F., assignor.)
- Aktiebolaget Sievert & Fornander. (See Dietmann, Paul W., assignor.)
- Aktiebolaget Slefvert & Fornander. (See Larsson, Lars E., assignor.)
- Aktiebolaget Spontan. (See Knochenhauer, Günther, assignor.)
- Aktiebolaget Svenka Kullagerfabriken. (See Beck, Hans, assignor.)
- Aktiebolaget Svenska Elektro-Industri Companiet. (See Ekeberg, Henning R., assignor.)
- Aktiebolaget Svenska Fläktfabriken. (See Wellmar, Sven, assignor.)
- Aktiebolaget Svenska Kapsylfabriken. (See Franz, Philipp, assignor.)
- Aktiebolaget Svenska Kullagerfabriken. (See Palmgren, Nils A., assignor.)
- Aktiebolaget Svenska Kullagerfabriken. (See Törnebohm, Hilding V., assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Darrieus, Georges, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Gaudenzl, Arthur, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Mertens, Franz, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Noack, W. G., and Schattschneider, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Thommen, Hans, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Widmer, S., and Hürlimann, assignors.)
- Aktiengesellschaft vorm. Seldel & Naumann. (See Benzing, Hugo, assignor.)
- Aktieselskabet Dansk Gaerings-Industri. (See Hansen, Børge V., assignor.)
- Aktieselskabet Per Kure, Norsk Motor & Dynamofabrik. (See Morseth, Leif, assignor.)
- Aktiengesellschaft fuer Technische Studien. (See Keller, Curt, assignor.)
- Aktiengesellschaft fuer Holzveredlung. (See Schlesinger, Georg, assignor.)
- Aktiengesellschaft fuer Stickstoffdünger. (See Lösch, Josef, assignor.)
- Aktiengesellschaft fuer Stickstoffdünger. (See Winter, E., and Lückcrath, assignors.)
- Alabama Asphaltic Limestone Company. (See Conzelman, Joseph H., assignor.)
- Aladdin Industries, Incorporated. (See Angeletti, Joseph M., assignor.)
- Aland, Richard C. (See Fishburn, O. E., Patterson, and Aland.)
- Alaska Freezer Co., The. (See Ruttiman, Alfred, assignor.)
- Alaska Freezer Co., The. (See Townsend, James W., assignor.)
- Alba Pharmaceutical Company. (See Domagk, Gerhard, assignor.)
- Alba Pharmaceutical Company. (See Leftert, H., and Woldman, assignors.)
- Alba Pharmaceutical Company. (See Taub, L., and Leuchs, assignors.)
- Alban, Clarence F. (See Hood, S. R., and Alban.)
- Alban, Clarence F., and S. R. Hood, assignors to W. M. Chace Valve Company, Detroit, Mich. Thermostatic valve. 2,109,628; Mar. 1.
- Albe Pump Corporation. (See Berman, P., and Harris, assignors.)



- Albee, Hugh M., assignor to The Leavitt Machine Company, Orange, Mass. Pilot attachment. 2,115,187; Apr. 26.
- Alben, Frank L. (See Shamberger, J. P., and Alben.)
- Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flexible drive. 2,106,823; Feb. 1.
- Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway locomotive. 2,128,066; Aug. 23.
- Alber, Carl, Nebraska City, Nebr. Scaffold board and ladder. 2,118,585; May 24.
- Albers, Gerhard H. (See Albers, John R. and G. H.)
- Albers, Gerhard H. (See Umhoefer, J. P., and Albers, G. H. and J. R.)
- Albers, Henry. (See Euler, H. V., Albers, and Schlenk.)
- Albers, John R. (See Umhoefer, J. P., and Albers, G. H. and J. R.)
- Albers, John R., Sioux City, and G. H. Albers, Cherokee, assignors to Wincharger Corporation, Sioux City, Iowa. Propeller shaping machine. 2,122,631; July 5.
- Albert, Carl, Wuppertal-Barmen, Germany. Ash receptacle. 2,107,845; Feb. 8.
- Albert, Pierre, and G. Wickstrom, Evanston, Ill. Protector for permanent wave treatments. 2,111,539; Mar. 22.
- Albertoli, John, San Francisco, Calif. Can marker. 2,111,039; Mar. 15.
- Albertoli, John, San Francisco, Calif. Peach turner. 2,120,385; June 14.
- Albertoli, John, San Francisco, Calif. Counting device. 2,137,320; Nov. 22.
- Alberts, Ann A., deceased, New York, N. Y.; L. N. Alberts, executor, Brassiere. 2,135,094; Nov. 1.
- Alberts, Arthur J., Chicago, Ill. Heading method. 2,124,022; July 19.
- Alberts, Leon N., executor. (See Alberts, Ann A.)
- Albertson & Company. (See Albertson, Frans O., assignor.)
- Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Sanding machine. 2,123,222; July 12.
- Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Abrasive device. 2,132,917; Oct. 11.
- Albin, Jeremiah W., Babylon, N. Y. Locking device. 2,110,434; Mar. 8.
- Albin, Jeremiah W., Babylon, N. Y. Latching device. 2,110,435; Mar. 8.
- Albini, Albino. (See Marsico, E., and Albini.)
- Albion, Charles M., Boston, assignor to H. B. Morse, Wellesley, Mass. Flameproofing composition. 2,128,392; Aug. 30.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical composing machine. 2,112,127; Mar. 22.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical composing machine. 2,112,128; Mar. 22.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,123,557; July 12.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,124,664; July 26.
- Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,124,665; July 26.
- Albrecht, George F., Saco, Maine. Bolster. 2,104,216; Jan. 4.
- Albrecht, Hans. (See Long, H. J., and Albrecht.)
- Albrecht, Hermann F., Berlin-Friedrichshagen, and L. E. T. Branch, London, England, assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Claw feed mechanism for motion picture apparatus. 2,136,930; Nov. 15.
- Albrecht, John H., and C. G. Yarn, Des Moines, Iowa. Stove. 2,113,012; Apr. 5.
- Albrecht, Karl, Berlin-Niederschöneweide, and H. Böhlk, Berlin-Friedenau, assignors to E. Bisterfeld, Radevormwald, Germany. Bearing. 2,121,277; June 21.
- Albrecht, Michael D., Omaha, Nebr. Making cross links for tire chains. 2,114,413; Apr. 19.
- Albrecht, Otto, Basel, and M. Boumer and F. Grieshaber, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Printing preparation. 2,128,599; Aug. 30.
- Albright, Edward A., Berwyn, assignor to Caspers Tin Plate Company, Chicago, Ill. Oven construction. 2,129,634; Sept. 13.
- Albright, James E., Collingswood, and W. L. Carlson, Haddonfield, N. J., assignors to Radio Corporation of America. Tuning indicator and dial. 2,124,023; July 19.
- Albright, Raymond W., assignor to American Anode, Inc., Akron, Ohio. Therapeutic appliance and making the same. 2,108,934; Feb. 22.
- Albright, Raymond W., and A. Szegvari, assignors to American Anode, Inc., Akron, Ohio. Protective coating for foot wear and other articles. 2,117,532; May 17.
- Alco Products Incorporated. (See Barclay, J. M., and Forbes, assignors.)
- Alco Products, Inc. (See Coghill, Robert W., assignor.)
- Alco Products Incorporated. (See Erter, John H., assignor.)
- Alco Valve Company. (See Thompson, Parke H., II, assignor.)
- Alcor Manufacturing Company. (See Nielsen, Karl K., assignor.)
- Alcorn Combustion Company. (See Nash, Arthur E., assignor.)
- Alcorn Combustion Company. (See Nash, A. E., and Alcorn, assignors.)
- Alcorn Combustion Company. (See Nash, A. E., and Shelly, assignors.)
- Alcorn Combustion Company. (See Praeger, Frank H., assignor.)
- Alcorn, James S. (See Nash, A. E., and Alcorn.)
- Aldeen, Gedor W., Rockford, Ill., and C. Madsen, assignors, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa. Link chain. 2,131,261; Sept. 27.
- Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Fuel injection system. 2,126,709; Aug. 16.
- Alden, Clarence J., Painesville, Ohio. Weather strip. 2,112,323; Mar. 29.
- Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Endless track for half-track tractors. 2,118,961; May 31.
- Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Automotive driving assembly. 2,120,594; June 14.
- Alden, L. Russel, executor. (See Washburn, Edward W.)
- Alden, Milton, Brockton, Mass. Socket for vacuum tubes, etc. 2,119,517; June 7.
- Alden, Milton, Brockton, Mass. Electric connector. 2,125,708; Aug. 2.
- Alden, Milton, Brockton, Mass. Socket for vacuum tubes, etc. 2,129,725; Sept. 13.
- Alden, Milton, Brockton, Mass. Electrical plug and socket. 2,135,267; Nov. 1.
- Alden, Reginald J., New York, N. Y., assignor to Chapin & Neal, Springfield, Mass. Decelerometer. 2,108,791; Feb. 22.
- Alder, Roy F., Holland, Mich. Mirror holder. 2,129,189; Sept. 6.
- Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Elastic material and making same. 2,107,067; Feb. 1.
- Alderfer, Sterling W., assignor to Andrews-Alderfer Company, Akron, Ohio. Semirigid elastic thread. 2,112,616; Mar. 29.
- Alderman, Brayton A., Atlanta, Ga. Visible bidder. 2,131,132; Sept. 27.
- Alderman, Eugene R., South Hadley, Mass. Warping machine. 2,127,803; Aug. 23.
- Alderman, Eugene R., South Hadley, assignor to Foster Machine Company, Westfield, Mass. Exhaust detector for stop motion mechanism in winding machines. 2,134,017; Oct. 25.
- Alderman, Eugene R., South Hadley, assignor to Foster Machine Company, Westfield, Mass. Detector for stop motion mechanism in winding machines. 2,134,018; Oct. 25.
- Alderson, Taylor, Chapin, Ill. Attachment for combines. 2,115,662; Apr. 26.
- Aldinger, Jacob G., assignor to York Ice Machinery Corporation, York, Pa. Sealed joint for rotary shafts. 2,127,151; Aug. 16.
- Aldinger, Otto, Stuttgart, Germany. Electric switch. 2,117,782; May 17.
- Aldington, John N. (See Le Maréchal, W. H., and Aldington.)
- Aldred, Jacob W. H., near Sheffield, Ala. Making guanidine salts. 2,114,280; Apr. 19.
- Aldrich, Elbert C., Granby, Mass. Utility implement or article. 2,110,640; Mar. 8.
- Aldrich, Frank D., Westfield, Mass. Dispensing device. 2,131,831; Oct. 4.
- Aldridge, Arthur A., assignor of one-half to R. G. Dorrance, Pittsburgh, Pa. Pump. 2,125,041; July 26.
- Aldridge, Blair G., and E. G. Ragatz, assignors to Union Oil Company of California, Los Angeles, Calif. Preventing corrosion in the distillation of hydrocarbon oil. 2,105,874; Jan. 18.
- Aldridge, Blair G., Los Angeles, and B. Hopper, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oils. 2,109,125; Feb. 22.
- Alomite Corporation. (See Davis, Ernest W., assignor.)
- Almest, Jack, Fort Sam Houston, Tex. Riding boot. 2,132,066; Oct. 4.
- Alexander, Alice B. et al. (See Marshall, Edward W., assignor.)
- Alexander, Charles T., Lynbrook, N. Y. Nonrefillable bottle closure. 2,138,466; Nov. 29.
- Alexander, Claude H., Cuyahoga Falls, Ohio, assignor to The R. F. Goodrich Company, New York, N. Y. Vulcanization of plastic products. 2,117,591; May 17.
- Alexander, Corwin S., Indianapolis, Ind. Manually propelled motor vehicle. 2,141,234; Dec. 27.
- Alexander, David T., Windsor, Ontario, Canada. Rail clamp. 2,141,076; Dec. 20.
- Alexander, Donald F. (See Candler, R. R., and Alexander.)
- Alexander, Donald F. (See Hull, H. B., and Alexander.)



- Alexander, Donald F., C. F. Henney, and C. L. Paulus, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,148; Jan. 4.
- Alexander, Donald F., C. L. Paulus, and C. F. Henney, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,381; Jan. 4.
- Alexander, Donald F., C. F. Henney, and C. L. Paulus, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,382; Jan. 4.
- Alexander, Donald F., and G. C. Pearce, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,118,636; May 24.
- Alexander, Edith F., Haverford, Pa. Combined hat and handbag. 2,122,171; June 28.
- Alexander, Elisha E., Chicago, Ill. Elevator plate mechanism. 2,120,081; June 7.
- Alexander, George W., Boston, assignor to Thorndike Engineering Corporation, Cambridge, Mass. Bottle cap closure. 2,130,609; Sept. 20.
- Alexander, Harold M., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Display apparatus. 2,118,131; May 24.
- Alexander, Harold W., Victoria, British Columbia, Canada. Tool cutting machine equipped with resistance mechanism. 2,130,528; Sept. 20.
- Alexander, Irving, et al. (See Bailey, John J., assignor.)
- Alexander, James N., Birmingham, Ala. Saw clamp. 2,118,876; May 31.
- Alexander, James N., Birmingham, Ala. Saw tooth setter. 2,123,296; July 12.
- Alexander, James W., Birmingham, England. Manufacture of metal cutting tools. 2,130,710; Sept. 20.
- Alexander, Johan W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Radio receiving set for alternating current supplies. 2,114,010; Apr. 12.
- Alexander, Johan W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for converting direct current into alternating current. 2,141,369; Dec. 27.
- Alexander, John D., Cleveland, Ohio, assignor to American Foundry Equipment Company, Mishawaka, Ind. Method and apparatus for cleaning by abrasive action. 2,135,550; Nov. 8.
- Alexander, John F., et al. (See Grantham, James, assignor.)
- Alexander, John R., Newark, N. J. Barrel and drum cleaning device. 2,119,192; May 31.
- Alexander, John W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for transforming direct current into alternating current. 2,137,375; Nov. 22.
- Alexander, Jule, New York, N. Y. Slide bracket for a movable half window. 2,113,125; Apr. 5.
- Alexander, Lowell M., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 2,133,911; Oct. 18.
- Alexander, Lyle T. (See Shaw, T. M., and Alexander.)
- Alexander, Oskar M., Bad Bramstedt, Germany. Track body. 2,117,280; May 17.
- Alexander, Ralph E. (See Rubin, M., and Alexander.)
- Alexander, Reginald L. (See David, Eugene S., assignor.)
- Alexander, Samuel, Hartford, Conn. Pillow rest. 2,131,609; Sept. 27.
- Alexander, Stanford, New York, N. Y., assignor to Saqui & Co., Inc. Sportswear. 2,112,874; Apr. 5.
- Alexander, William. (See Reynolds, H. E., and Alexander.)
- Alexander, William J., Cora, Wyo. Wire stretcher and splicer. 2,130,477; Sept. 20.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,104,633; Jan. 4.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,122,271; June 28.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Discharge lamp system. 2,135,268; Nov. 1.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Cable for transmitting electric power. 2,141,894; Dec. 27.
- Alexanderson, Harald V., Stockholm, and K. H. Blomberg, Appeliken, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Switching arrangement in coin collectors for telephone systems. 2,133,523; Oct. 18.
- Alexandrescu, Alexander M., Cleveland, Ohio. Piston for internal combustion engines. 2,110,316; Mar. 8.
- Alexopoulos, Demetrios G., Milwaukee, Wis. Washing machine. 2,126,365; Aug. 9.
- Alfaro, Heracio, Boston, Mass. Fuel injection device for internal combustion engines. 2,110,116; Mar. 1.
- Alfaro, Heracio, Boston, Mass. Scavenging means for internal combustion engines. 2,126,860; Aug. 16.
- Alfaro, Heracio, Boston, Mass. Air-cooled internal combustion engine. 2,140,397; Dec. 13.
- Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Antenna system. 2,127,198; Aug. 16.
- Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. High frequency radio repeater. 2,134,278; Oct. 25.
- Alfred, Clarence J., Orange, N. J., assignor to The American Sugar Refining Company, New York, N. Y. Container. 2,113,927; Apr. 12.
- Alfred, Clarence J., Orange, N. J., assignor to The American Sugar Refining Company, New York, N. Y. Carton. 2,129,980; Sept. 13.
- Alfreds, Torris H. (See Krein, F. T., and Alfreds.)
- Alfter, Josef, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray tube. 2,108,573; Feb. 15.
- Algee, Lucian C., Atlanta, Ga. Windmill. 2,137,559; Nov. 22.
- Alger, Allen E., Lorain, Ohio, assignor to National Tube Company. Tube mill. 2,132,552; Oct. 11.
- Alger, Lee M. (See Dukelow, A., and Alger.)
- Algin Corporation of America. (See Le Gloahec, V. C. E., and Herter, assignors.)
- Alimaras, Constantine, New York, N. Y. Apparatus for controlling vehicular traffic by radio. 2,128,067; Aug. 23.
- Alison, Noah L., assignor to American Blower Corporation, Detroit, Mich. Hydraulic coupling. 2,139,107; Dec. 6.
- Alkin, Thomas T., Sydney, New South Wales, Australia. Power chisel apparatus. 2,124,024; July 19.
- All, Fred H., Allendale, S. C. Asparagus basket. 2,115,451; Apr. 26.
- Allain, Maximiliano C., and C. W. Tracy, Brooklyn, N. Y. Food compound. 2,118,391; May 24.
- Allaire, Roy L. (See Keddy, R. A., and Allaire.)
- Allan, Benjamin W., assignor to American Zirconium Corporation, Baltimore, Md. Hydrolysis of titanium salt solutions. 2,133,941; Oct. 25.
- Allan, Frederick W., Batavia, N. Y. Excavating machine. 2,114,327; Apr. 19.
- Allan, John. (See Wainwright, J. A., and Allan.)
- Allan, John C. (See Stokes, R. O., and Allan, assignor.)
- Allan, John E., Prenton, Birkenhead, England. Means for distributing electrical energy and fluids. 2,111,019; Mar. 15.
- Allan, William, Jr. (See Phillips, A. H., and Allan.)
- Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Machine for blading turbine elements. 2,130,478; Sept. 20.
- Allard, Pierre J. M. T., Sainte Adresse, assignor to Societe Francaise de Construction de Bennes Automatiques, Le Havre-Graville, France. Apparatus for the operation of grabs, buckets, and the like. 2,110,566; Mar. 8.
- Allavena, Riccardo, assignor to Societa Italiana Pirelli, Milan, Italy. Manufacture of zinc oxide. 2,105,394; Jan. 11.
- Albright-Nell Co., The. (See Lundell, Alvin O., assignor.)
- Allee, David A., Scotia, N. Y., assignor to General Electric Company. Supporting structure. 2,119,376; May 31.
- Allgemeine Elektrizitätsgesellschaft. (See Neesen, Carl, assignor.)
- Allgemeine Elektrizitätsgesellschaft. (See Ziegenbein, Wilhelm, assignor.)
- Allegheny Ludlum Steel Corporation. (See Batcheller, Clements, assignor.)
- Allegheny Ludlum Steel Corporation. (See Batcheller, C., and Heft, assignors.)
- Allegheny Steel Company. (See Otte, Otho M., assignor.)
- Allegheny Steel Company. (See Scharschu, Charles A., assignor.)
- Allegheny Steel Company. (See Scharschu, C. A., and Kiefer, assignors.)
- Allegro Company. (See Libovitz, H., Mueller, and Pfeiffer, assignors.)
- Allen, Albert J., Brooklyn, N. Y., assignor to Metropolitan Device Corporation. Meter box. 2,133,944; Oct. 25.
- Allen, Bernard J., Blythe Bridge, England. Stabilizer for vehicles. 2,113,071; Apr. 5.
- Allen-Bradley Company. (See Heinrich, Konrad, assignor.)
- Allen-Bradley Company. (See Megow, George E., assignor.)
- Allen-Bradley Company. (See Wilms, Gustav O., assignor.)
- Allen-Bradley Company. (See Wilms, G. O., and Petersen, assignors.)
- Allen, Carlton H., Glens Falls, N. Y. Thin stock process and apparatus for making paper. 2,122,394; July 5.
- Allen, Charles M., Maricopa County, Ariz. Sanitary lavatory. 2,116,133; May 3.
- Allen, Charles M., Miles City, Mont. Lamb-coat. 2,131,495; Sept. 27.
- Allen, Clifford E. (See Wagner, C. P., and Allen.)
- Allen, Earl H. (See Ely, C. G., and Allen.)
- Allen, Earl M., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 2,124,046; July 19.
- Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote indication apparatus. 2,131,208; Sept. 27.
- Allen, Earl M., and C. A. Brooks, Swissvale, and H. A. Thompson, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,117,691; May 17.
- Allen, Earl M., Swissvale, and E. G. Little, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,130,444; Sept. 20.



- Allen, Edward B., deceased, by J. W. Allen, administratrix, Newtown, M. D. Knox, Devon, and H. C. Faulkner, Long Hill, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole sewing machine. 2,107,270; Feb. 8.
- Allen, Edward B., deceased, by J. W. Allen, administratrix, Newtown, M. D. Knox, Devon, and H. C. Faulkner, Long Hill, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Zigzag stitch-forming mechanism for sewing machines. 2,107,271; Feb. 8.
- Allen, Edward M., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Making a pigment. 2,111,379; Mar. 15.
- Allen, Edward M., Barberton, and G. M. Lynn, deceased, by E. P. Lynn, administratrix, Wadsworth, Ohio, assignors to Pittsburgh Plate Glass Company. Producing finely divided calcium carbonate which does not agglomerate. 2,140,375; Dec. 13.
- Allen, Edward R., Summit, N. J., and G. Lutz, Rocky River, Ohio, assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Making an iron compound of nitroso-beta-naphthol. 2,127,374; Aug. 16.
- Allen, Edward W., Jr., Washington, D. C. High speed facsimile recording device. 2,133,181; Oct. 11.
- Allen Electric & Equipment Co. (See Allen, Gerald H., assignor.)
- Allen, George M., Swarthmore, and G. C. Barton, Chester, Pa., assignors, by mesne assignments, to American Viscose Corporation. Spinneret and producing the same. 2,139,568; Dec. 6.
- Allen, Gerald H., assignor to Allen Electric & Equipment Co., Kalamazoo, Mich. Method of and apparatus for testing ignition coils. 2,135,269; Nov. 1.
- Allen, Glenn L., Jr., Antioch, Calif., assignor to Great Western Electro-Chemical Company. Manufacture of nitromethane. 2,117,931; May 17.
- Allen, Harold E., assignor to The Bristol Company, Waterbury, Conn. Telemetering device. 2,134,467; Oct. 25.
- Allen, Harry B., Highland Park, Mich. Metal suction tip. 2,128,200; Aug. 23.
- Allen, Harry B., Highland Park, Mich. Suction tip. 2,132,283; Oct. 4.
- Allen, Herbert, assignor, by mesne assignments, to Abercrombie Pump Company, Houston, Tex. Pump. 2,105,067; Jan. 11.
- Allen, Herbert, assignor to Abercrombie Pump Company, Houston, Tex. Pipe holding device. 2,117,783; May 17.
- Allen, Herbert, assignor to Abercrombie Pump Co., Houston, Tex. Relief valve. 2,141,835; Dec. 27.
- Allen, Herbert W. (See Wright, H. C., and Allen.)
- Allen, Howard C., Vancouver, British Columbia, Canada. Liquid dispenser. 2,111,040; Mar. 15.
- Allen, Howard E., Nutley, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Incandescent lamp. 2,140,977; Dec. 20.
- Allen, Hugh E., assignor of one-half to A. G. McCaleb, Evanston, Ill. Treatment of meats with proteolytic enzymes. 2,140,781; Dec. 20.
- Allen, Irving R., near Wheaton, Ill. Hand plate. 2,110,542; Mar. 8.
- Allen, J. Weston, et al. (See Estes, Joseph H., assignor.)
- Allen, James G., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,120,970; June 21.
- Allen, James R., Glendale, Calif. Advertising apparatus. 2,108,335; Jan. 25.
- Allen, John B. (See Dykes, John L. G., assignor.)
- Allen, John E., Miami, Fla. Cleaning device. 2,137,300; Nov. 22.
- Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,141,331; Dec. 27.
- Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Dynamo-electric machine. 2,142,067; Dec. 27.
- Allen, Josephine W., administratrix. (See Allen, E. B., Knox, and Faulkner.)
- Allen, Kenneth B., Dayton, Ohio. Method of and apparatus for treatment of fluids. 2,128,393; Aug. 30.
- Allen, Le Roy V., Hohokus, N. J. Device for increasing and decreasing road clearance of vehicles and an adjustable anchor. 2,141,781; Dec. 27.
- Allen, Lewin J., Cleveland, Ohio. Insect trapping and exterminating device. 2,116,092; May 3.
- Allen, Matt, St. Charles, Va. Rail bender. 2,128,225; Aug. 30.
- Allen, Morris F., Shreveport, La. Road grading machine. 2,128,889; Sept. 6.
- Allen, Murray, Raleigh, N. C. Dispenser. 2,135,378; Nov. 1.
- Allen, Paul A., Cortland, and M. Womeldorf, Homer, assignors to Cortland Line Company, Inc., Cortland, N. Y. Holder for fishline coils and the like. 2,124,512; July 19.
- Allen, Paul E., Niles Center, Ill. Teething device. 2,115,405; Apr. 26.
- Allen, Paul E., Niles Center, Ill. Bottle holder. 2,134,746; Nov. 1.
- Allen, Raymond P., Akron, Ohio. Tobacco and treating same. 2,114,281; Apr. 19.
- Allen, Raymond W. (See Stevens, H. D., and Allen.)
- Allen, Robert C., Wauwatosa, Wis., assignor to Murray Iron Works Company, Burlington, Iowa. Valve. 2,104,502; Jan. 4.
- Allen, Ross E. (See Betterton, J. O., Phillips, and Allen.)
- Allen, Roy M., Bloomfield, N. J. Traffic signal. 2,121,772; June 28.
- Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Locking device. 2,108,032; Feb. 15.
- Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Hose coupling. 2,132,506; Oct. 11.
- Allen, S. L., & Co. (See Bowen, James M., assignor.)
- Allen, Samuel W., Hudson, Ohio. Simultaneously washing and coating coal. 2,138,825; Dec. 6.
- Allen, Samuel W., Hudson, Ohio. Fuel and compositions of matter for treating solid carbonaceous fuel. 2,139,398; Dec. 6.
- Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Valve. 2,130,333; Sept. 20.
- Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Testing means for fire protection systems. 2,132,918; Oct. 11.
- Allen, Simeon C., Newton, assignor to Health Research Foundation, Inc., Boston, Mass. Treating biologic material. 2,134,679; Nov. 1.
- Allen, Solly & Company. (See Taylor, George, assignor.)
- Allen, Thomas F., Watsonville, Calif. Basket-tipping apparatus. 2,129,394; Sept. 6.
- Allen, Thomas F., Watsonville, Calif. Handling harvesting apparatus. 2,136,068; Nov. 8.
- Allen, Thomas W., and J. H. Senior, Philadelphia; W. F. Bokum, Jenkintown, Pa.; and H. B. Riehl, Newton Highlands, Mass., assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Carding machine. 2,115,605; Apr. 26.
- Allen Wales Adding Machine Corporation. (See Lambert, Harry L., assignor.)
- Allen, Wallace T. (See Jackson, J. G., and Radley.)
- Allen, William H. (See Burke, W. E., Allen, Peet, Ritchie, and Gale.)
- Allen, William R., III, assignor to United American Bosch Corporation, Springfield, Mass. Mounting for tubular articles. 2,108,398; Feb. 15.
- Allen, William R., III, assignor to United American Bosch Corporation, Springfield, Mass. Mounting device for tubular articles. 2,108,399; Feb. 15.
- Allen, William W. (See Mills, L. E., and Allen.)
- Allen, William W., Jacksonville, Fla. Twin-fan structure. 2,108,738; Feb. 15.
- Allendorf, Adam, Forest Hills, N. Y. Feeding device. 2,105,068; Jan. 11.
- Allensworth, Harry R., Columbus, Ohio. Electrical communication network. 2,134,690; Nov. 1.
- Allensworth, Harry R., Columbus, Ohio. Electric communication network. 2,134,691; Nov. 1.
- Allensworth, Harry R., Columbus, Ohio. Selector-translator. 2,139,655; Dec. 13.
- Aller, Dictinio. (See Corsico-Piccolini, H., and Aller.)
- Aller, Willis F. (See Poock, L. F., and Aller.)
- Aller, Willis F., assignor to The Sheffield Gage Corporation, Dayton, Ohio. Measuring instrument. 2,139,251; Dec. 6.
- Allergia Products Company. (See Berenson, Julius L., assignor.)
- Allers, Harry W., et al. (See Preston, Gerald H., assignor.)
- Alles, Francis P., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and preparing same. 2,123,493; July 12.
- Alles, Frank P., Buffalo, and D. H. Edwards, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, D. C. Manufacture of nonfibrous sheets and films. 2,115,132; Apr. 26.
- Alles, Gordon A. (See Calvert, R., Dern, and Alles.)
- Alles, Richard, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Water-soluble condensation products and producing same. 2,122,124; June 28.
- Alles, Richard, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Water-soluble condensation products and producing same. 2,122,125; June 28.
- Allgemeine Elektrizitäts Gesellschaft. (See Agricola, Alfred, assignor.)
- Allgemeine Elektrizitäts Gesellschaft. (See Anders, Guido, assignor.)
- Allgemeine Elektrizitäts Gesellschaft. (See Bülche, Ernst, assignor.)
- Allgemeine Elektrizitäts Gesellschaft. (See Friederich, E., and Klose, assignors.)
- Allgemeine Elektrizitäts Gesellschaft. (See König, Erwin, assignor.)
- Allgemeine Elektrizitäts Gesellschaft. (See Meyer, Wilfried, assignor.)
- Allgemeine Elektrizitäts Gesellschaft. (See Schweimer, Klaus P., assignor.)
- Allgemeine Elektrizitäts Gesellschaft. (See Weigt, Paul, assignor.)
- Allgemeine Elektrizitäts Gesellschaft. (See Wessels, Hermann, assignor.)



- Allgemeine Elektrizitäts Gesellschaft. (See Wiegand, E., Meyer, and Pulfrich, assignors.)  
 Allgemeine Elektrizität Gesellschaft. (See Wohlfarth, O., and de Niem, assignors.)  
 Allgoewer, A. J., et al. (See Gorbatenko, Dimitri L., assignor.)  
 Alliance Machine Company, The. (See Yanney, George W., assignor.)  
 Allied Engineering Company. (See Kaptuller, Alexander F., assignor.)  
 Allied Medical & Orthopedic Supply Co. (See Hawley, George W.)  
 Allied Mills, Inc. (See Hasbrouck, Frank F., assignor.)  
 Allied Products Corporation. (See Richard, Clement C., assignor.)  
 Allin, George S., Seattle, Wash., assignor, by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich. Scraper. 2,111,134; Mar. 15.  
 Allin, George S., assignor to Isaacson Iron Works, Inc., Seattle, Wash. Tandem truck vehicle. 2,117,784; May 17.  
 Allin, George S., Seattle, Wash., assignor, by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich. Bulldozer. 2,125,481; Aug. 2.  
 Allin, George S., Seattle, Wash., and T. P. Flynn, Portland, Oreg. Bulldozer. 2,108,466; Feb. 15.  
 Allin, George S., and F. V. Bistrom, Seattle, Wash. Tandem wheel truck. 2,124,047; July 19.  
 Allin, George S., Seattle, Wash., and T. P. Flynn, Portland, Oreg. Bulldozer. 2,134,019; Oct. 25.  
 Alling, Vincent B. (See Campbell, W. R., and Alling.)  
 Allingham, Ralph R., White Plains, assignor to The Barrett Company, New York, N. Y. Apparatus for mixing volatile liquids with solid materials. 2,122,551; July 5.  
 Allis-Chalmers Manufacturing Company. (See Ainsworth, Chester D., assignor.)  
 Allis-Chalmers Manufacturing Company. (See Charley, Walter G., assignor.)  
 Allis-Chalmers Manufacturing Company. (See Dahlstrand, Hans P., assignor.)  
 Allis-Chalmers Manufacturing Company. (See Flamm, Joseph, assignor.)  
 Allis-Chalmers Manufacturing Company. (See Giger, W., and Peter, assignors.)  
 Allis-Chalmers Manufacturing Company. (See Gutzwiller, Walter E., assignor.)  
 Allis-Chalmers Manufacturing Company. (See Hull, M. R., Morrow, and Casto, assignors.)  
 Allis-Chalmers Manufacturing Company. (See Journeaux, Didier, assignor.)  
 Allis-Chalmers Manufacturing Company. (See Martin, Charles R., assignor.)  
 Allis-Chalmers Manufacturing Company. (See Metz, Ora F., assignor.)  
 Allis-Chalmers Manufacturing Company. (See Newhouse, R. C., and De Wein, assignors.)  
 Allis-Chalmers Manufacturing Company. (See Nichols, Beverly R., assignor.)  
 Allis-Chalmers Manufacturing Company. (See Nichols, Louis C., assignor.)  
 Allis-Chalmers Manufacturing Company. (See Pfau, Arnold, assignor.)  
 Allis-Chalmers Manufacturing Company. (See Ring, Joseph J., assignor.)  
 Allis-Chalmers Manufacturing Company. (See Ring, J. J., Nichols, and Pfau, assignors.)  
 Allis-Chalmers Manufacturing Company. (See Wilkinson, Nathan, assignor.)  
 Allis-Chalmers Manufacturing Company. (See Winograd, Harold, assignor.)  
 Allis-Chalmers Manufacturing Company. (See Young, A. C., and Jorgensen, assignors.)  
 Allis, Robert T., Springfield, assignor to The Standard Corset Company, Holyoke, Mass. Garment. 2,123,919; July 19.  
 Allison, Charles F., Corpus Christi, Tex. Collapsible blind or shade. 2,118,134; May 24.  
 Allison, Harvey M. (See Bath, S. W., and Allison.)  
 Allison, Jesse H., El Paso, Tex. Separator. 2,110,654; Mar. 8.  
 Allison, Kenneth C. (See Dressel, H. M., Allison, and Mastney.)  
 Allison, Kenneth C., Arlington Heights, Ill. Method of and apparatus for dispensing fluids. 2,134,772; Nov. 1.  
 Allison, Kenneth C., Arlington Heights, assignor to Oak Manufacturing Company, Chicago, Ill. Index mechanism. 2,115,245; Apr. 26.  
 Allison, Kenneth C., Arlington Heights, assignor to Oak Manufacturing Company, Chicago, Ill. Switch. 2,128,279; Aug. 30.  
 Allison, Kenneth C., Arlington Heights, and E. J. Mastney, Berwyn, assignors to Oak Manufacturing Company, Chicago, Ill. Index mechanism. 2,130,219; Sept. 13.  
 Allison, Leslie R., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,123,922; July 19.  
 Allison, Sewell W., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,115,133; Apr. 26.  
 Allison, William D., assignor to Hudson Motor Car Company, Detroit, Mich. Wheel suspensions. 2,106,291; Jan. 25.  
 Allison, William M., New York, N. Y. Effecting bactericidal action by the aid of chlorine. 2,106,513; Jan. 25.  
 Allman, Joseph, Chicago, Ill., assignor, by mesne assignments, to J. Allman, trustee. Padlock. 2,132,201; Oct. 4.  
 Allman, Joseph, trustee. (See Allman, Joseph, assignor.)  
 Allman, Richard M., San Francisco, Calif. Artist's color mixing dish. 2,124,810; July 26.  
 Allmänna Svenska Elektriska Aktiebolaget. (See Ericson, Nils, assignor.)  
 Allmänna Svenska Elektriska Aktiebolaget. (See Forssell, H., and Överholm, assignors.)  
 Allmänna Svenska Elektriska Aktiebolaget. (See Lamm, Uno, assignor.)  
 Allme, Carl T., Meadville, Pa., assignor to Spalde Shirt Company. Garment presser. 2,121,849; June 23.  
 Allme, Carl T., Meadville, Pa., assignor to Spalde Shirt Company. Garment presser. 2,121,850; June 23.  
 All Metal Products Company. (See Brethen, C. A., and Gora, assignors.)  
 Allocca, Saverio. (See Pekrol, John, assignor.)  
 Alloys Company, The. (See Newell, Minton H., assignor.)  
 Alfred, James C., Jamestown, assignor to Tomlinson of High Point, Guilford County, N. C. Table device. 2,129,041; Sept. 6.  
 Alfred, Samuel M., Dayton, Ohio. Variable pitch propeller for airplanes or the like. 2,113,438; Apr. 5.  
 Allsop, Thomas, and W. W. Sibson, assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Conveyor pole for drying machines or the like. 2,121,216; June 21.  
 All Steel Welded Truck Corporation. (See Clark, Harry I., assignor.)  
 Allsworth, Terrence W. (See Long, P. H., and Allsworth.)  
 Allyn, Leon L., assignor to Master-Craft Corporation, Kalamazoo, Mich. Binder or loose sheet holder. 2,117,265; May 17.  
 Allyn, Leon L., assignor to Master-Craft Corporation, Kalamazoo, Mich. Temporary binder or loose sheet holder. 2,130,830; Sept. 20.  
 Allyn, Robert S. (See Harvey, James W., assignor.)  
 Allyne, Edmund E., assignor to Allyne Laboratories, Inc., Cleveland, Ohio. Brine tank. 2,114,204; Apr. 12.  
 Allyne, Edmund E., and W. J. Guzik, Cleveland, Ohio. Condenser unit. 2,108,360; Feb. 15.  
 Allyne Laboratories, Inc. (See Allyne, Edmund E., assignor.)  
 Allyne Laboratories, Inc. (See Gruber, Edward, assignor.)  
 Alm, Karl M., Stockholm, Sweden, assignor to L. Scruggs, University City, Mo. Shaving apparatus. Re. 20,765; June 21.  
 Alma Manufacturing Company. (See Kerngood, Allen H., assignor.)  
 Alma Motor Company. (See Smith, Charles D., assignor.)  
 Almare, Inc. (See Hodgkins, Albert A., assignor.)  
 Almdale, Einar, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Adjustable ram nose for cold riveting fixtures. 2,105,391; Jan. 11.  
 Almdale, Einar, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Chassis side rail. 2,136,122; Nov. 8.  
 Almdale, Einar, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,141,635; Dec. 27.  
 Almen, John O., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Control means for toroidal race and roller power transmission mechanism. 2,113,638; Apr. 12.  
 Almen, John O., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Cooling transmission rollers. 2,131,159; Sept. 27.  
 Almen, John O., Royal Oak, and H. Hawkins, Highland Park, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Control for variable speed power transmissions. 2,131,157; Sept. 27.  
 Almen, John O., Royal Oak, and J. Ehrlich, Detroit, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Continuously variable transmission. 2,131,158; Sept. 27.  
 Almond, Lawrence H., Nashville, Tenn. Separating elemental phosphorus from impurities. 2,135,486; Nov. 8.  
 Almonte, Olive C., Sappho, Wash. Vanity case. 2,120,849; June 14.  
 Alnutt, Marvin, assignor to Boeing Aircraft Company, Seattle, Wash. Interior trim for aircraft. 2,118,998; May 31.  
 Alox Corporation. (See Burwell, Arthur W., assignor.)  
 Alpha Products Company. (See Cannon, William W., assignor.)  
 Alphen, Pieter M. V. (See Addink, N. W. H., de Boer, Alphen, and Zecher.)  
 Alphin, Gilbert E., Mount Olive, N. C. Window fixture. 2,106,420; Jan. 25.  
 Alquist, Francis N. (See Stoesser, S. M., and Alquist.)  
 Alsing, Carl F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flow restrictor. 2,134,542; Oct. 25.  
 Alstadt, Benjamin E., and S. R. Factor, New York, N. Y. Marionette figure. 2,131,209; Sept. 27.  
 Alsted, Edward P., Truesdale, Wis. Joist. 2,123,923; July 19.



- Alston, Charles H. T., Sidmouth, Devon, England. Combustion engine. 2,110,754; Mar. 8.
- Alt, Cornelius A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of fabrics. 2,127,320; Aug. 16.
- Altamus, James D., Roslyn, N. Y. Trap and mounting therefor. 2,136,034; Nov. 8.
- Altamus, James D., Roslyn, and A. W. R. J. Moeller, New York, N. Y.; said Moeller assignor to said Altamus. Trap mounting. 2,136,035; Nov. 8.
- Altenburger, Ernst, assignor to Mauser-Werke A.-G., Oberndorf on the Neckar, Germany. Barrel-holding device for automatic pistols. 2,107,359; Feb. 8.
- Altenburger, Ernst, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Safety device for firearms. 2,110,317; Mar. 8.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany. Drying and cooling apparatus. 2,138,684; Nov. 29.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany. Refrigerating apparatus. 2,138,685; Nov. 29.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany. Intermittent absorption refrigerating apparatus. 2,138,686; Nov. 29.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany. Water accumulator. 2,138,687; Nov. 29.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany. Method and apparatus for the production of cold. 2,138,688; Nov. 29.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany. Gaining water out of the atmosphere. 2,138,689; Nov. 29.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany. Dehumidification of air. 2,138,690; Nov. 29.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany. Method and apparatus for conditioning air. 2,138,691; Nov. 29.
- Altenkirch, Edmund, Neuenhagen, near Berlin, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Apparatus and process for conditioning air or the like. Re. 20,933; Nov. 29.
- Alter, Horace J., Brooklyn, N. Y. Refillable pencil. 2,119,410; May 31.
- Alterman, Joseph. (See Kosman, J., and Alterman.)
- Alterthum, Hans, and M. Pirani, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,135,691; Nov. 8.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Tractor implement. 2,127,579; Aug. 23.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Air cleaner. 2,133,316; Oct. 18.
- Altgelt, Herman E. and R. J., South Bend, Ind., assignors to Oliver Farm Equipment Company. Potato digger chain. 2,107,021; Feb. 1.
- Altgelt, Rudolph J. (See Altgelt, Herman E. and R. J.)
- Altheide, Henry C., Quincy, Ill. Scalp oiler. 2,123,558; July 12.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,105,515; Jan. 18.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Radiant heat furnace. 2,112,224; Mar. 29.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,114,515; Apr. 19.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,115,606; Apr. 26.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Continuous coking of hydrocarbon oils. 2,140,276; Dec. 13.
- Althoff, Lawrence A., Chicago, Ill. Combination heating and cooking stove. 2,110,641; Mar. 8.
- Althoff, Lawrence A., Chicago, Ill. Combination heating and cooking stove. 2,114,772; Apr. 19.
- Altmayer, Frank, assignor to Willard Storage Battery Company, Cleveland, Ohio. Battery dumper. 2,122,272; June 28.
- Alton, William H., Westport, Conn., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Dry cleaning process. 2,139,629; Dec. 6.
- Alton, William H., New York, N. Y., and H. I. Jones, Wilmette, Ill., assignors to R. T. Vanderbilt Co., Inc., New York, N. Y. Treatment of fabrics. 2,115,154; Apr. 26.
- Altorfer, Alpheus W., Peoria, Ill. Portable power attachment for washing machines. 2,128,979; Sept. 6.
- Altorfer, Alpheus W., Peoria, Ill. Separable base agitator. 2,139,925; Dec. 13.
- Altorfer Bros. Company. (See Ulrich, Clyde W., assignor.)
- Altorfer, Henry W., Peoria, Ill. Ironer-washer attachment mechanism. 2,109,519; Mar. 1.
- Altorfer, Henry W., Peoria, Ill. Clothes drier. 2,137,376; Nov. 22.
- Altwater, Arthur W., University City, Mo. Ornamenting device. 2,106,312; Jan. 25.
- Altwater, Arthur W., University City, Mo. Combined ink-marking and perforating machine. 2,126,861; Aug. 16.
- Altwater, Arthur W., University City, and F. Wunder, Maplewood, Mo.; said Wunder assignor to said Altwater. Combined ink-marking and perforating machine. 2,124,870; July 26.
- Altwegg, Hans, and A. Eichler, Freiburg, Germany, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining crepe effects on fabrics. 2,107,657; Feb. 8.
- Aluminum Colors Incorporated. (See Pettit, Ralph E., assignor.)
- Aluminum Company of America. (See Akers, James R., assignor.)
- Aluminum Company of America. (See Arthur, F. C., and Barnitt, assignors.)
- Aluminum Company of America. (See Brown, Robert H., assignor.)
- Aluminum Company of America. (See Decker, Henry, assignor.)
- Aluminum Company of America. (See Derr, R. B., and Stere, assignors.)
- Aluminum Company of America. (See Derr, Ralph B., assignor.)
- Aluminum Company of America. (See Edwards, Junius D., assignor.)
- Aluminum Company of America. (See Fischer, Edward F., assignor.)
- Aluminum Company of America. (See Goll, F. D., and Wareham, assignors.)
- Aluminum Company of America. (See Hetler, Willard R., assignor.)
- Aluminum Company of America. (See Hogg, Emerson E., assignor.)
- Aluminum Company of America. (See Jackson, Reginald, assignor.)
- Aluminum Company of America. (See Keller, F., and Hastings, assignor.)
- Aluminum Company of America. (See Mason, Ralph B., assignor.)
- Aluminum Company of America. (See Meininger, Carl W., assignor.)
- Aluminum Company of America. (See Moore, George L., assignor.)
- Aluminum Company of America. (See Moorhead, Joseph N., assignor.)
- Aluminum Company of America. (See Mussey, Delavan S., assignor.)
- Aluminum Company of America. (See Newsome, James W., assignor.)
- Aluminum Company of America. (See Nock, Joseph A., Jr., assignor.)
- Aluminum Company of America. (See Nock, J. A., Jr., and Keller, assignors.)
- Aluminum Company of America. (See Pierce, William B., assignor.)
- Aluminum Company of America. (See Smith, C. N., and Willard, assignors.)
- Aluminum Company of America. (See Stroup, Philip T., assignor.)
- Aluminum Company of America. (See Turner, C. O., and Weigel, assignors.)
- Aluminum Company of America. (See Underhill, Wyvel S., assignor.)
- Aluminum Company of America. (See Welty, George D., assignor.)
- Aluminum Company of America. (See Willard, John R., assignor.)
- Aluminum Company of America. (See Work, H. K., and Tosterud, assignors.)
- Aluminum Cooking Utensil Company, The. (See Cisco, Edward S., assignor.)
- Aluminum Cooking Utensil Company, The. (See Weinzierl, Joseph T., assignor.)
- Aluminum Goods Manufacturing Co. (See Fay, Ray H., assignor.)
- Aluminum, Inc. (See Moffat, Ralph M., assignor.)
- Aluminum Industrie-Aktien-Gesellschaft. (See Preiswerk, Max, assignor.)
- Aluminum Industries, Incorporated. (See Beckmann, Melbourne A., assignor.)
- Aluminum Industries, Inc. (See Schnell, A. E., and Beckmann, assignors.)
- Aluminum Laboratories Limited. (See Ruthven, Frederick F., assignor.)
- Aluminum Ladder Co. (See Carbis, Henry J., assignor.)
- Aluminum Plant and Vessel Company Limited, The. (See Ralph, Sydney J., assignor.)
- Alva, Felix, New York, N. Y. Necktie knot form. 2,119,411; May 31.
- Alva, Felix, New York, N. Y. Amusement device. 2,129,981; Sept. 13.
- Alvarado, Alfonso M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixed synthetic glyceride varnish. 2,110,072; Mar. 1.
- Alvarado, Alfonso M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of oils of the type of China wood oil and oleacea oil. 2,112,354; Mar. 29.
- Alvarado, Alfonso M., Wilmington, Del., and R. T. Ebben, Lakewood, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,110,073; Mar. 1.
- Alvarado, Don Jose, J., assignor of one-half to W. Gray, Richmond, Va. Steering gear control speed regulator for vehicles. 2,139,569; Dec. 6.



- Alvarez, (Juan A., Habana, Cuba. Hydraulic suspension for motor vehicles. 2,137,662; Nov. 22.)
- Alves, Manuel S. (See Maguire, M. M., and Wright, assignors.)
- Alvey Conveyor Manufacturing Co. (See Bohn, William J., assignor.)
- Alvey-Ferguson Company, The. (See Schock, C. R., and Koehler, assignors.)
- Alvey-Ferguson Company, The. (See Sparling, W. E., and Wilson, assignors.)
- Alvord, Clinton, Worcester, Mass. Tuft weaving loom. 2,123,983; July 19.
- Alvord, Earl T., Cleveland Heights, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Flash copper coating. 2,111,199; Mar. 15.
- Alward, John E., and J. H. Moore, Detroit, Mich. Routing machine. 2,118,063; May 24.
- Amalgamated Minerals Corporation. (See Butler, Clarence H., assignor.)
- Amalgamated Textiles, Ltd. (See Knaub, Ralph H., assignor.)
- Amann, Max., Frankfort-on-the-Main, Germany. Telegraph system. 2,116,134; May 3.
- Amann, Max, A. Lahl, and H. Hatzinger, Frankfort-on-the-Main, Germany. Printing telegraph receiver. 2,120,850; June 14.
- Amann, Max, L. Günther, and A. Lahl, assignors to Nationale Telephone- und Telegraphen-werke G. m. b. H., Frankfort-on-the-Main, Germany. Telegraph installation. 2,128,783; Aug. 30.
- Amarel Corporation. (See Furlong, Joseph P., assignor.)
- Amati, Luigi. (See Bocca, C., and Amati.)
- Amazon, Harry. (See Rubenstein, S., and Amazon.)
- Amberg, Walter E., assignor to F. M. Friedlob, Chicago, Ill. Mechanical seal. 2,108,701; Feb. 15.
- Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Receptacle. 2,134,321; Oct. 25.
- Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Making conical containers. 2,139,613; Dec. 6.
- Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Method and machine for making paper cups. 2,139,614; Dec. 6.
- Ambers, Many, Mount Ida, Ark. Attachment for a hay baler. 2,155,379; Nov. 1.
- Ambrose, John G. (See Mathews, Charles B., assignor.)
- Ambrosius, George M., Lakewood, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Tamper-proof can. 2,122,904; July 5.
- Ambrosius, George M., Lakewood, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Mechanism for soldering machinery. 2,126,598; Aug. 9.
- Amburn, Clifford L. (See Baker, R. E., and Amburn.)
- Ambursen Dam Company. (See Stewart, S. W., and Davis, assignor.)
- Amco, Incorporated. (See Morton, William A., assignor.)
- Amco, Incorporated. (See Morton, W. A., Moore, and Roth, assignors.)
- Amco, Incorporated. (See Spencer, H. F., and Morton, assignors.)
- Amdur, Leon H., Brooklyn, N. Y. Printing and device therefor. 2,107,272; Feb. 8.
- Amdur, Leon H., Brooklyn, N. Y. Printing method and machine. 2,107,273; Feb. 8.
- Amdur, Leon H., Brooklyn, N. Y. Cosmetic device. 2,136,204; Nov. 8.
- Amell, John C. (See Hansen, E. T., and Amell.)
- America Zinc, Lead & Smelting Company. (See MacIntire, Walter H., assignor.)
- American Agricultural Chemical Company, The. (See Klosky, Simon, assignor.)
- American Agricultural Chemical Company, The. (See Merchant, Milton H., assignor.)
- American Agricultural Chemical Company, The. (See Milligan, Charles H., assignor.)
- American Agricultural Chemical Company, The. (See Sebastian, Robert L., assignor.)
- American Anode, Inc. (See Albright, Raymond W., assignor.)
- American Anode Inc. (See Albright, R. W., and Szegvari, assignors.)
- American Anode, Inc. (See Beal, Carl L., assignor.)
- American Anode, Inc. (See Feikert, Adrian H., assignor.)
- American Anode Inc. (See Hansen, Merrill E., assignor.)
- American Armament Corporation. (See Joyce, Bryan P., assignor.)
- American Asbestos Co. Inc. (See Webster, M. M., and Finck, assignors.)
- American Association of Textile Chemists and Colorists, Inc. (See Duffee, Walter C., assignor.)
- American Automatic Devices Co. (See Kondrath, Andrew D., assignor.)
- American Automatic Devices Co. (See Kovac, Rudolph, assignor.)
- American Ball-Mill Company. (See Miller, Starks L., assignor.)
- American Bank Note Company. (See Wittnebel, Arthur A., assignor.)
- American Bemberg Corporation. (See Hofmann, Hugo, assignor.)
- American Bemberg Corporation. (See Johnson, Thomas H., assignor.)
- American Bemberg Corporation. (See Ostermann, Walter, assignor.)
- American Biochemical Products Co. (See Magné, Jean H. P., assignor.)
- American Bitumuls Company. (See Boneysteele, P. L., and McKercher, assignors.)
- American Blower Corporation. (See Alison, Noah L., assignor.)
- American Blower Corporation. (See Anderson, Axel F. L., assignor.)
- American Blower Corporation. (See Anderson, Edward L., assignor.)
- American Bosch Corporation. (See Kongsted, Ludvig P., assignor.)
- American Box Board Company. (See Van Wingen, Neil P., assignor.)
- American Box Corporation. (See Taylor, Roy G., assignor.)
- American Brake Company. (See Craig, Fred G., assignor.)
- American Brake Company, The. (See Crossman, Theodore C., assignor.)
- American Brake Company, The. (See Gantner, William A., assignor.)
- American Brake Company, The. (See Gantner, W. A., and McGowan, assignors.)
- American Brake Company, The. (See Mueller, Emil G., assignor.)
- American Brake Company, The. (See Schwentler, Francis E., assignor.)
- American Brake Shoe and Foundry Company, The. (See Bates, Vernon G., assignor.)
- American Brake Shoe and Foundry Company, The. (See Blume, William A., assignor.)
- American Brake Shoe and Foundry Company, The. (See Eastburn, Samuel L., assignor.)
- American Brake Shoe and Foundry Company, The. (See Hoffman, P., Bender, and Cook, assignors.)
- American Brake Shoe and Foundry Company, The. (See Prentice, Allan L., assignor.)
- American Brake Shoe and Foundry Company, The. (See Ratkowski, Thomas A., assignor.)
- American Brake Shoe and Foundry Company, The. (See Spokes, Ray E., assignor.)
- American Brake Shoe and Foundry Company, The. (See Whisler, Thomas C., assignor.)
- American Brass Company, The. (See Davis, A. L., and Morrison, assignors.)
- American Brass Company, The. (See Hull, Daniel R., assignor.)
- American Brass Company, The. (See Jennison, Herbert C., assignor.)
- American Brass Company, The. (See Montgomery, Richard B., assignor.)
- American Brass Company, The. (See Silliman, Horace F., assignor.)
- American Brass Company, The. (See Smith, Cyril S., assignor.)
- American Brass Company, The. (See Spalding, Samuel C., assignor.)
- American Brass Company, The. (See Swift, Willis C., assignor.)
- American Brass Company, The. (See Voegel, Henry E., assignor.)
- American Bridge Company. (See Hunter, Harry C., assignor.)
- American Can Company. (See Bach, Neils P., assignor.)
- American Can Company. (See Ball, Charles O., assignor.)
- American Can Company. (See Birkland, Stellan, assignor.)
- American Can Company. (See Burton, Charles W., assignor.)
- American Can Company. (See Dirker, William S., assignor.)
- American Can Company. (See Erb, George C., assignor.)
- American Can Company. (See Grover, Victor T., assignor.)
- American Can Company. (See Hothersall, John M., assignor.)
- American Can Company. (See Hull, Wilson R., assignor.)
- American Can Company. (See Jacobs, Samuel S., assignor.)
- American Can Company. (See Le Frank, John D., assignor.)
- American Can Company. (See Lewis, John L., assignor.)
- American Can Company. (See Luthi, Robert, assignor.)
- American Can Company. (See Magill, Donald G., assignor.)
- American Can Company. (See Maher, William W., assignor.)
- American Can Company. (See Miller, Harry J., assignor.)
- American Can Company. (See Murch, John H., assignor.)
- American Can Company. (See Nicholls, Henry M., assignor.)
- American Can Company. (See Paynter, Horace J., assignor.)
- American Can Company. (See Pechy, William, assignor.)
- American Can Company. (See Reid, John G., assignor.)
- American Can Company. (See Smith, William R., assignor.)
- American Can Company. (See Strickler, John C., assignor.)

- American Can Company. (See Taylor, Russell C., assignor.)  
 American Can Company. (See Townsend, William S., assignor.)  
 American Can Company. (See Witzke, Otto J., assignor.)  
 American Can Company. (See York, Archibald N., assignor.)  
 American Car and Foundry Company. (See Barlow, I. C., and Shields, assignors.)  
 American Car and Foundry Company. (See Bittner, Clifford, assignor.)  
 American Car and Foundry Company. (See Bradfield, George K., Jr., assignor.)  
 American Car and Foundry Company. (See Euwer, Herbert D., assignor.)  
 American Car and Foundry Company. (See Johnson, Warren V., assignor.)  
 American Car and Foundry Company. (See Johnson, W. V., and Kepner, assignors.)  
 American Car and Foundry Company. (See Knight, John M., assignor.)  
 American Car and Foundry Company. (See Knight, J. M., and Schlenker, assignors.)  
 American Car and Foundry Company. (See McBride, John J., assignor.)  
 American Car and Foundry Company. (See Shipley, Tolbott G., assignor.)  
 American Car and Foundry Company. (See Thompson, J. B. D., and Udstad, assignors.)  
 American Car and Foundry Company. (See Udstad, Sigvald F., assignor.)  
 American Car and Foundry Company. (See Walp, Charles F., assignor.)  
 American Car and Foundry Company. (See Willoughby, Victor, assignor.)  
 American Car and Foundry Motors Company. (See Dayes, Frederick E., assignor.)  
 American Car and Foundry Motors Company. (See Kateley, F. W., and Mathauer, assignors.)  
 American Casting & Manufacturing Corporation. (See Dietze, Emil, assignor.)  
 American Cast Iron Pipe Company. (See Barr, C. D., and Holmes, assignors.)  
 American Chain & Cable Company. (See Bratz, Otto J., assignor.)  
 American Chain & Cable Company. (See Hilliard, John H., assignor.)  
 American Chain & Cable Company. (See Reyburn, John R., assignor.)  
 American Chain & Cable Company. (See Williams, Charles G., assignor.)  
 American Character Doll Co. (See Schaeffer, Edward G., assignor.)  
 American Chemical Paint Company. (See Romig, Gerald C., assignor.)  
 American Chicle Company. (See Ekert, E. E. and Richards, assignors.)  
 American Coach & Body Company, The. (See Eckman, Meril L., assignor.)  
 American Coach and Body Company. (See Larsen, Neil P., assignor.)  
 American Coach & Body Company. (See Larsen, N. P., and Troche, assignors.)  
 American Coating Mills, Inc. (See Funk, Nelson E., assignor.)  
 American Concrete and Steel Pipe Company. (See Carson, Francis L., assignor.)  
 American Concrete & Steel Pipe Company. (See French, Jay C., assignor.)  
 American Cutting Alloys, Inc., The. (See Kleffer, Richard, assignor.)  
 American Cutting Alloys, Inc., The. (See Schwarzkopf, Paul, assignor.)  
 American Cyanamid & Chemical Corporation. (See Andrews, Chester E., assignor.)  
 American Cyanamid & Chemical Corporation. (See Davis, Clarke F., assignor.)  
 American Cyanamid & Chemical Corporation. (See Davis, C. F., Brush, and Peck, assignors.)  
 American Cyanamid & Chemical Corporation. (See Harding, William H., assignor.)  
 American Cyanamid & Chemical Corporation. (See Jaeger, Alphons O., assignor.)  
 American Cyanamid & Chemical Corporation. (See Jaeger, A. O., and Herlinger, assignors.)  
 American Cyanamid & Chemical Corp. (See Jaeger, A. O., and West, assignors.)  
 American Cyanamid & Chemical Corporation. (See Langhorst, Harry J., assignor.)  
 American Cyanamid & Chemical Corporation. (See Peter, John P. C., assignor.)  
 American Cyanamid & Chemical Corporation. (See Sterns, Jeno, assignor.)  
 American Cyanamid Company. (See Barsky, G., and Hansen, assignors.)  
 American Cyanamid Company. (See Christmann, Ludwig J., assignor.)  
 American Cyanamid Company. (See Collins, Charles D., assignor.)  
 American Cyanamid Company. (See Glimsmann, Walter F., assignor.)  
 American Cyanamid Company. (See Hedley, Norman, assignor.)  
 American Cyanamid Company. (See Houser, Ralph V., assignor.)  
 American Dairies, Incorporated. (See Schnabel, Charles F., assignor.)  
 American Decal Corporation, The. (See McNutt, James F., assignor.)  
 American Devices, Incorporated. (See Owen, J. M., and Bryson.)  
 American Die & Tool Company. (See Robinson, Herbert M., assignor.)  
 American District Steam Company. (See Dunn, Frederick R., assignor.)  
 American District Telegraph Company. (See Farmer, P. M., and Evans, assignors.)  
 American District Telegraph Company. (See Hopkins, Richard M., assignor.)  
 American District Telegraph Company. (See Hopkins, R. M., and Laford, assignors.)  
 American District Telegraph Company. (See Johnson, Clarence C., assignor.)  
 American District Telegraph Company. (See Muchter, Manfred W., assignor.)  
 American Electric Company of California. (See Hupert, Henry K., assignor.)  
 American Electric Fusion Corporation. (See von Henke, Edmund J., assignor.)  
 American Electric Fusion Corporation. (See Watson, Harry C., assignor.)  
 American Electric Switch Corporation. (See Lantz, William H., Jr., assignor.)  
 American Electrical Heater Company. (See Hanser, C. A., and Thomas, assignors.)  
 American Engineering Company. (See Bennett, Joseph S., assignor.)  
 American Engineering Company. (See Harrison, Clifford E., assignor.)  
 American Engineering Company. (See Kuzelewski, Albert R., assignor.)  
 American Engineering Company. (See Lamond, Robert C., assignor.)  
 American Engineering Company. (See Landenberger, Henry W., assignor.)  
 American Engineering Company. (See Preston, Herbert E., assignor.)  
 American Engineering Company. (See Sauter, William V., assignor.)  
 American Engineering Company. (See Sibbe, Carl F., assignor.)  
 American Engineering Company. (See Stephens, Gordon A., assignor.)  
 American Enka Corporation. (See Bonhuys, Aleidus G., assignor.)  
 American Enka Corporation. (See Davis, Robert F., assignor.)  
 American Enka Corporation. (See De Booy, Jacob, assignor.)  
 American Enka Corporation. (See Dokkum, Teunis, assignor.)  
 American Enka Corporation. (See Engel, Antonie J., assignor.)  
 American Enka Corporation. (See Koch, Theodoor, assignor.)  
 American Enka Corporation. (See Krick, Peter P., assignor.)  
 American Enka Corporation. (See Polak, J. J., and Weeldenburg, assignors.)  
 American Enka Corporation. (See Slikker, Dirk, assignor.)  
 American Enka Corporation. (See Spaanbroek, Gerrit, assignor.)  
 American Enka Corporation. (See Sunderland, Alfred E., assignor.)  
 American Enka Corporation. (See Verschragen, Herman P., assignor.)  
 American Envelope Company, The. (See Dreher, O. G., and Arnold, assignors.)  
 American Epok Inc. (See Rosenberg, Kurt, assignor.)  
 American Feather Products Corporation. (See Rudnick, Samuel, assignor.)  
 American Fibre Corporation. (See Nordstrom, Gustaf E., assignor.)  
 American Fibre Corporation. (See Nordstrom, G. E., and Holden, assignors.)  
 American Flange & Manufacturing Co. (See Wallach, Carl D., assignor.)  
 American Flange & Manufacturing Co. Inc. (See Shera, John W., assignor.)  
 American Flexible Coupling Company. (See Shenk, Robert H., assignor.)  
 American Floor Surfacing Machine Company, The. (See Knolsley, Richard F., assignor.)  
 American Floor Surfacing Machine Company, The. (See Myers, Harry L., assignor.)  
 American Flyer Manufacturing Company. (See Schumacher, Guy F., assignor.)  
 American Forging and Socket Company, The. (See Black, John O., assignor.)  
 American Forging & Socket Company, The. (See Saunders, Walter S., assignor.)  
 American Forging & Socket Company, The. (See Saunders, W. S., and McGregor, assignors.)  
 American Foundry Equipment Company. (See Alexander, John D., assignor.)  
 American Foundry Equipment Company, The. (See Hammell, Charles H., assignor.)  
 American Foundry Equipment Company, The. (See Hollingsworth, Alfred V., assignor.)



- American Foundry Equipment Company, The. (See Minich, Verne E., assignor.)  
 American Foundry Equipment Company, The. (See Peik, Louis D., assignor.)  
 American Foundry Equipment Company, The. (See Soverhill, Harvey A., assignor.)  
 American Foundry Equipment Company, The. (See Turnbull, David C., assignor.)  
 American Foundry Equipment Company, The. (See Wean R. J., and Peik, assignors.)  
 American Gas Accumulator Company. (See Abramson, Hugo, assignor.)  
 American Gasaccumulator Company. (See Luce, Richard W., assignor.)  
 American Gas Association, Incorporated. (See Suffron, Fay O., assignor.)  
 American Gas Machine Company. (See Hanson, Russell N., assignor.)  
 American Gas Machine Company. (See Hillebrand, Earl, assignor.)  
 American Gas Machine Company. (See Jensen, Kenneth S., assignor.)  
 American Geographical Society. (See Miller, Osborn M., assignor.)  
 American Hair & Felt Company. (See Johnson, Reginald H., assignor.)  
 American Hard Rubber Company. (See Carson, Oswald B., assignor.)  
 American Hard Rubber Company. (See Hiemann, Walter, assignor.)  
 American Hard Rubber Company. (See Hunt, Kenneth E., assignor.)  
 American Hard Rubber Company. (See Klippel, H. B., and Sorrick, assignors.)  
 American Hard Rubber Company. (See Ruckdeschel, E. C., and Brady, assignors.)  
 American Hard Rubber Company. (See Schelhammer, Herman J., assignor.)  
 American Hardware Corporation, The. (See Bernhard, Benjamin S., assignor.)  
 American Hardware Corporation, The. (See Dyson, Louis M., assignor.)  
 American Hardware Corporation, The. (See Hurd, Norman B., assignor.)  
 American Hardware Corporation. (See Morgan, Sigurd P., assignor.)  
 American Hardware Corporation, The. (See Stone, Elmer B., assignor.)  
 American Hospital Supply Corporation. (See McGaw, Foster G., assignor.)  
 American Hot Water Systems, Inc. (See Trencavel, Albert L., assignor.)  
 American Houses, Inc. (See McLaughlin, Robert W., Jr., assignor.)  
 American Hyalsol Corporation. (See Bertsch, Heinrich, assignor.)  
 American Hyalsol Corporation. (See Grün, Adolf, assignor.)  
 American Hyalsol Corporation. (See Helft, Ernst, assignor.)  
 American Hyasol Corporation. (See Schwabe, Emil, assignor.)  
 American Interlining & Spinning Company. (See Redman, Norman, assignor.)  
 American Jewelry Chain Company. (See Bassler, Karl, assignor.)  
 American-La France-Foamite Corporation. (See Carter, Harold H., assignor.)  
 American-La France-Foamite Corporation. (See Felton, Donald A., assignor.)  
 American Lace Paper Company. (See Conrad, Fred A., assignor.)  
 American Lace Paper Company. (See Huff, E., and Keiding, assignors.)  
 American Lady Corset Company. (See Slegel, Eugene, assignor.)  
 American Laundry Machinery Company, The. (See Beattie, William P., assignor.)  
 American Laundry Machinery Company, The. (See Beattie, W. P., and Johnson, assignors.)  
 American Laundry Machinery Company, The. (See Bicknell, George R., assignor.)  
 American Laundry Machinery Company, The. (See Couch, Forrest J., assignor.)  
 American Laundry Machinery Company, The. (See Dewey, James M., assignor.)  
 American Laundry Machinery Company. (See Gerlach, Frank A., assignor.)  
 American Laundry Machinery Company, The. (See Hetzer, Russell A., assignor.)  
 American Laundry Machinery Company, The. (See Higley, Frank R., assignor.)  
 American Laundry Machinery Company, The. (See Johnson, George W., assignor.)  
 American Laundry Machinery Company, The. (See Link, George N., assignor.)  
 American Laundry Machinery Company, The. (See Mallott, Clifton S., Jr., assignor.)  
 American Laundry Machinery Company, The. (See Neckel, Edmund N., assignor.)  
 American Laundry Machinery Company, The. (See Shaw, Julian C., assignor.)  
 American Laundry Machinery Company, The. (See Shepard, James F., assignor.)  
 American Laundry Machinery, The. (See Waream, Charles E., assignor.)  
 American Lead Pencil Company, The. (See Friedlein, R. E., and Juellss, assignors.)  
 American Lecithin Company. (See Schwieger, Albert, assignor.)  
 American Lithographic Division of the United States Printing and Lithograph Company. (See Koeble, Albert, assignor.)  
 American Locomotive Company. (See Blunt, James G., assignor.)  
 American Locomotive Company. (See Clifford, Roger W., assignor.)  
 American Locomotive Company. (See Danforth, Richard S., assignor.)  
 American Locomotive Company. (See Flodin, N. E., and Weber, assignors.)  
 American Locomotive Company. (See Hull, G. K., and Drake, assignors.)  
 American Locomotive Company. (See Sawyer, Robert T., assignor.)  
 American Locomotive Company. (See Wallis, J. S., and Chave, assignors.)  
 American Lurgi Corporation. (See Bantz, T., Grave, and Oppen, assignors.)  
 American Lurgi Corporation. (See Brücke, Otto, assignor.)  
 American Lurgi Corporation. (See Danulat, Friedrich, assignor.)  
 American Lurgi Corporation. (See Debuch, C. P., and Markworth, assignors.)  
 American Lurgi Corporation. (See Ebner, Karl, assignor.)  
 American Lurgi Corporation. (See Gensecke, Wilhelm, assignor.)  
 American Lurgi Corporation. (See Göhre, Kurt R., assignor.)  
 American Lurgi Corporation. (See Göhre, K. R., Schwalb and Speichert, assignors.)  
 American Lurgi Corporation. (See Grave, Georg, assignor.)  
 American Lurgi Corporation. (See Jordan, Paul, assignor.)  
 American Lurgi Corporation. (See Kreissler, Otto, assignor.)  
 American Lurgi Corporation. (See Matthies, Hermann, assignor.)  
 American Lurgi Corporation. (See Miedel, Hermann, assignor.)  
 American Lurgi Corporation. (See Morlock, Emil, assignor.)  
 American Lurgi Corporation. (See Oppen, E., and Grave, assignors.)  
 American Lurgi Corporation. (See Schober, Oskar, assignor.)  
 American Lurgi Corporation. (See von Girssewald, Conway, Baron, Weidmann, and Roesner, assignors.)  
 American Lurgi Corporation. (See von Girssewald, C. B., Siecke, and Wohlwill, assignors.)  
 American Lurgi Corporation. (See Wendeborn, Helmut, assignor.)  
 American Lurgi Corporation. (See Wolf, Hans, assignor.)  
 American Machine and Foundry Company. (See Baxter, Gustave S., assignor.)  
 American Machine & Foundry Company. (See Beutel, Robert J., assignor.)  
 American Machine & Foundry Company. (See Bronander, Wilhelm B., assignor.)  
 American Machine & Foundry Company. (See Brown, Frederick R., assignor.)  
 American Machine & Foundry Company. (See Craggs, Ross V., assignor.)  
 American Machine & Foundry Company. (See Crighton, John, assignor.)  
 American Machine & Foundry Company. (See Dehuff, Walter F., assignor.)  
 American Machine & Foundry Company. (See Ferenci, Lester, assignor.)  
 American Machine & Foundry Company. (See Fincke, Donald M., assignor.)  
 American Machine & Foundry Company. (See Goerke, H. E., Bystrom, and Schmale, assignors.)  
 American Machine & Foundry Company. (See Gwinn, George W., assignor.)  
 American Machine & Foundry Company. (See Gwinn, G. W., and Leary, assignors.)  
 American Machine & Foundry Company. (See Hastings, G. S., and Arelt, assignors.)  
 American Machine & Foundry Company. (See Jensen, Thormod, assignor.)  
 American Machine & Foundry Company. (See Jensen, T., and Van Veen, assignors.)  
 American Machine & Foundry Company. (See Leary, James W., assignor.)  
 American Machine & Foundry Company. (See Shackleton, Jack, assignor.)  
 American Machine & Foundry Company. (See Tahir, Feyzi, assignor.)  
 American Machine & Foundry Company. (See Van Veen, Anton, assignor.)  
 American Machine and Metals, Inc. (See Balzer, Fritz, assignor.)  
 American Machine and Metals Inc. (See de Bothezat, George, assignor.)



- American Machine and Metals, Inc. (See Griesinger, John, assignor.)  
 American Machine and Metals, Inc. (See Gross, Carl G., assignor.)  
 American Machine & Metals, Inc. (See Harlan, Howard H., assignor.)  
 American Machine and Metals Inc. (See Holder, E. P., and Miller, assignors.)  
 American Machine and Metals, Inc. (See Miller, Edward L., assignor.)  
 American Machine & Metals, Inc. (See Sonntag, Alfred, assignor.)  
 American Machine & Metals, Inc. (See Thomsen, W. A. V., Gross, and Luci, assignors.)  
 American Magnesium Metals Corporation. (See Erdmann, Konrad, assignor.)  
 American Magnesium Metals Corporation. (See Erdmann, K., Hansgiz, and Schichtel, assignors.)  
 American Magnesium Metals Corporation. (See Hansgiz, Fritz, assignor.)  
 American Magnesium Metals Corporation. (See Lasch, L., and Schichtel, assignors.)  
 American Magnesium Metals Corporation. (See Schichtel, Georg, assignor.)  
 American Maize-Products Company. (See Daly, R. E., and Walsh, assignors.)  
 American Maize-Products Company. (See Walsh, James F., assignor.)  
 American Metal Company, The. (See Eppensteiner, William F., assignor.)  
 American Metal Company, The. (See Rehns, Fredrick, assignor.)  
 American Metal Company, The. (See Thompson, William K., assignor.)  
 American Mills Company, The. (See Lilley, Samuel C., assignor.)  
 American Mills Company, The. (See Lilley, S. C., and Fowler, assignors.)  
 American Mine Door Company, The. (See Curney, Albert J., assignor.)  
 American-National Company, The. (See Snell, Samuel A., assignor.)  
 American Optical Company. (See Baker, Nelson M., assignor.)  
 American Optical Company. (See Freeman, Fador L., assignor.)  
 American Optical Company. (See Kinney, Fay D., assignor.)  
 American Optical Company. (See Laabs, Max A., assignor.)  
 American Optical Company. (See Splaine, Edward M., assignor.)  
 American Optical Company. (See Tillyer, Edgar D., assignor.)  
 American Oxythermic Corporation. (See Fränkl, Mathias, assignor.)  
 American Ozone Company. (See Dally, James M., assignor.)  
 American Pad and Textile Company, The. (See Wesley, Arthur, assignor.)  
 American Paper Bottle Company, The. (See Scott, Henry T., assignor.)  
 American Perforator Company. (See Rix, Edward G., assignor.)  
 American Plastics Corporation. (See Parsons, John, assignor.)  
 American Plastics Corporation. (See Taft, Darwin, assignor.)  
 American Platinum Works. (See Ledig, Kurt K., assignor.)  
 American Platinum Works. (See Streicher, Johann S., assignor.)  
 American Playground Device Company. (See Robbins, Arthur L., assignor.)  
 American Potash & Chemical Corporation. (See Black, Leroy G., assignor.)  
 American Potash & Chemical Corporation. (See Burke, W. E., Allen, Peet, Ritchie, and Gale, assignors.)  
 American Potash & Chemical Corporation. (See Burke, W. E., and de Ropp, assignors.)  
 American Propeller Company, The. (See Heath, Spencer, assignor.)  
 American Pulley Company, The. (See Bilger, W. A., and Watson, assignors.)  
 American Pulley Company, The. (See Bowen, Russell H., assignor.)  
 American Radiator Company. (See Brabbée, C. W., and Georg, assignors.)  
 American Radiator Company. (See Cornell, Edward S., Jr., assignor.)  
 American Radiator Company. (See Lundt, Ernest C., assignor.)  
 American Radiator Company. (See Maier, George M., assignor.)  
 American Radiator Company. (See Shearer, Frederic, assignor.)  
 American Radiator Company. (See Timmis, W. W., and Walker, assignors.)  
 American Radiator Company. (See Walker, William K., assignor.)  
 American Radiator Company. (See Wandby, Walter, assignor.)  
 American Radiator Company. (See Woolley, Clarence M., assignor.)  
 American Radio Hardware Co. Inc. (See Mitchell, D., and Wyeth, assignors.)  
 American Railway Products Company. (See Cooke, George T., assignor.)  
 American Rayon Company. (See Furness, William H., assignor.)  
 American Rock Wool Corporation. (See Drill, D. C., Whitenack, and Gregory, assignors.)  
 American Rock Wool Corporation. (See Luery, Michael, assignor.)  
 American Rolling Mill Company, The. (See Canfield, J. J., and McGohan, assignors.)  
 American Rolling Mill Company, The. (See Flanders, Hyrum E., assignor.)  
 American Rolling Mill Company, The. (See Fon Der-smith, C. R., and Bergmann, assignors.)  
 American Rolling Mill Company, The. (See Force, Harold W., assignor.)  
 American Rolling Mill Company, The. (See Freese, Jonathan R., assignor.)  
 American Rolling Mill Company, The. (See Gundersen, Daniel T., assignor.)  
 American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)  
 American Rolling Mill Company, The. (See Long, Paul H., assignor.)  
 American Rolling Mill Company, The. (See Lundeen, Ernest F., assignor.)  
 American Rolling Mill Company, The. (See Millan, Edward N., assignor.)  
 American Rolling Mill Company, The. (See Moyer, S. P., and Long, assignors.)  
 American Rolling Mill Company, The. (See Murphy, Dan R., assignor.)  
 American Rolling Mill Company, The. (See Sendzimir, Tadeusz, assignor.)  
 American Rolling Mill Company, The. (See Stringham, William, assignor.)  
 American Rolling Mill Company, The. (See Tytus, J. B., and Millan, assignors.)  
 American Safety Hook Co. (See Giardina, V., and Primos, assignors.)  
 American Safety Razor Corporation. (See Dalkowitz, Godfrey, assignor.)  
 American Safety Razor Corporation. (See Kurkjian, Yervant H., assignor.)  
 American Safety Razor Corporation. (See O'Neill, Bernard, assignor.)  
 American Safety Razor Corporation. (See Signoret, Albert J., assignor.)  
 American Sales Book Company. (See Bovier, Archie M., assignor.)  
 American Sales Book Company. (See Garwood, Victor W., assignor.)  
 American Sales Book Company. (See Hagemann, Louis F., assignor.)  
 American Sales Book Company. (See Janney, John B., assignor.)  
 American Sales Book Company. (See Phillips, A. H., and Allan, assignors.)  
 American Sales Book Company. (See Phillips, S. H., and Allan, assignors.)  
 American Sales Book Company. (See Pringle, William A., assignor.)  
 American Sales Book Company. (See Sheppard, J. F., Manuel and Pringle, assignors.)  
 American Sales Book Company. (See Templeton, Robert P., assignor.)  
 American Sales Book Company. (See Wiswall, William J., assignor.)  
 American Sales Book Company Inc. (See Motsinger, John B., assignor.)  
 American Sealcone Corporation. (See Buckingham, Harold S., assignor.)  
 American Seal-Kap Corporation of Delaware. (See Clark, Kempton, assignor.)  
 American Seal-Kap Corporation of Delaware. (See Goodwin, Carl W., assignor.)  
 American Seating Company. (See Bond, Willard H., Jr., assignor.)  
 American Seating Company. (See Hanson, Walter M., assignor.)  
 American Seating Company. (See Morgan, Erving B., assignor.)  
 American Seating Company. (See Yost, C. E., and Morgan, assignors.)  
 American Securit Company, The. (See Clitherow, William B., assignor.)  
 American Securit Company, The. (See Long, Bernard, assignor.)  
 American Securit Company, The. (See Mesmer, L., and Dal Pino, assignors.)  
 American Security and Trust Company, executor. (See Chapman, Pearson.)  
 American Security and Trust Company. (See W. A. L., assignor.)  
 American Sheet and Tin Plate Company. (See Bobrov, Samuel H., assignor.)  
 American Sheet and Tin Plate Company. (See Graf, J. E., and Lamore, assignors.)  
 American Sheet and Tin Plate Company. (See McElhenny, J. R., and Stoker, assignors.)  
 American Sheet and Tin Plate Company. (See Paul, Irvin J., assignor.)



- American Shipbuilding Company, The. (See Von Haase, George, assignor.)
- American Shoe Machinery and Tool Company. (See Krag, Harry W., assignor.)
- American Slicing Machine Company. (See Cooper, Frank H., assignor.)
- American Smelting and Refining Company. (See Betterton, J. O., and Bitner, assignors.)
- American Smelting and Refining Company. (See Betterton, J. O., and Lebedeff, assignors.)
- American Smelting and Refining Company. (See Betterton, J. O., and Phillips, assignors.)
- American Smelting and Refining Company. (See Betterton, J. O., Phillips, and Allen, assignors.)
- American Smelting and Refining Company. (See Bitner, William H., assignor.)
- American Smelting and Refining Company. (See Lind, John H., assignor.)
- American Smelting and Refining Company. (See Lindner, Karl A., assignor.)
- American Smelting and Refining Company. (See Lindner, K. A., and Poland, assignors.)
- American Smelting and Refining Company. (See Smith, Albert A., Jr., assignor.)
- American Stay Company. (See Presby, Leroy Q., assignor.)
- American Steam Pump Company. (See Barton, Ben D., assignor.)
- American Steel and Wire Company. (See Schuster, William J., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Bletso, B. N., and Stratton, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Braune, Carl, assignor.)
- American Steel and Wire Company of New Jersey, The. (See Braune, C., and Reardon, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Brickman, A. E., and Gleason, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Broden, Edwin H., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Carlson, Clarence O., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Elder, Flint C., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Febrey, Harold H., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Gedge, Burton H., Jr., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Gleason, George A., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Grube, Karl, assignor.)
- American Steel and Wire Company of New Jersey, The. (See Haynes, Hugh W., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Howe, J. F., and Reed, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Johansen, E., and Lloyd, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Marquart, Frank, assignor.)
- American Steel and Wire Company of New Jersey, The. (See Marriott, Thomas, assignor.)
- American Steel and Wire Company of New Jersey, The. (See Osolin, Alfred, assignor.)
- American Steel and Wire Company of New Jersey, The. (See Parrish, Cecil C., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Pease, Bernard S., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Peskin, L. C., and Rice, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Peterson, Carl H., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Ralston, H. C., Williams, and Mako, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Riddle, Harvey W., assignor.)
- American Steel and Wire Company of New Jersey. (See Robbins, D. S., and Uihlein, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Schuman, Edward F., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Schuster, William J., assignor.)
- American Steel and Wire Company of New Jersey. (See Skogberg, John A., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Statz, John, assignor.)
- American Steel and Wire Company of New Jersey, The. (See Swift, Joseph H., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Wahlstrom, Evald O., assignor.)
- American Steel Foundries. (See Aurien, Ray G., assignor.)
- American Steel Foundries. (See Bachman, Fred E., assignor.)
- American Steel Foundries. (See Baselt, Walter H., assignor.)
- American Steel Foundries. (See Cottrell, Robert B., assignor.)
- American Steel Foundries. (See Hedgcock, William C., assignor.)
- American Steel Foundries. (See Light, David M., assignor.)
- American Steel Foundries. (See Oelkers, Alfred H., assignor.)
- American Steel Foundries. (See Oelkers, A. H., and Bachman, assignors.)
- American Steel Foundries. (See Walcher, E. A., and Baselt, assignors.)
- American Steel Wool Mfg. Co. (See Stern, Lawrence, assignor.)
- American Sterilizer Company. (See Underwood, Weeden B., assignor.)
- American Stove Company. (See Brodbeck, Almer H., assignor.)
- American Stove Company. (See Frick, William H., assignor.)
- American Stove Company. (See Hoffman, Rudolph, assignor.)
- American Stove Company. (See Meacham, Benjamin E. and E. M., assignors.)
- American Stove Company. (See Meacham, Edward M., assignor.)
- American Stove Company. (See Moecker, Arnold, assignor.)
- American Stove Company. (See Pierce, Ambrose R., assignor.)
- American Stove Company. (See Stockstrom, Arthur, assignor.)
- American Stove Company. (See Stockstrom, A., and Eichelsbach, assignors.)
- American Sugar Refining Company, The. (See Alfred, Clarence J., assignor.)
- American Sundries Company. (See Lawner, N., and Duberstein, assignors.)
- American Supply Company. (See Owler, Albert J., assignor.)
- American Swiss Company, The. (See Rightmyer, Holden W., assignor.)
- American Tap-Bush Company. (See Rice, Frank E., assignor.)
- American Telephone and Telegraph Company. (See Abraham, Leonard G., assignor.)
- American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)
- American Telephone and Telegraph Company. (See Anderson, E. N., assignor, and Getz, and Ulrich.)
- American Telephone and Telegraph Company. (See Anderson, Fred I., assignor.)
- American Telephone and Telegraph Company. (See Bagnall, Vernon B., assignor.)
- American Telephone and Telegraph Company. (See Bailey, Austin, assignor.)
- American Telephone and Telegraph Company. (See Bailey, A., and McCann, assignors.)
- American Telephone and Telegraph Company. (See Beattie, J. F., and Cunningham, assignor, and Roycroft.)
- American Telephone and Telegraph Company. (See Bodle, David W., assignor.)
- American Telephone and Telegraph Company. (See Bonorden, Allen R., assignor.)
- American Telephone and Telegraph Company. (See Bonorden, A. R., Carter, and Hanley, assignors.)
- American Telephone and Telegraph Company. (See Bradford, Raymond C., assignor.)
- American Telephone and Telegraph Company. (See Burgess, M. S., and Clark, assignors.)
- American Telephone and Telegraph Company. (See Corwin, T. L., and Swezey and Watson, assignors.)
- American Telephone and Telegraph Company. (See Cowan, Frank A., assignor.)
- American Telephone and Telegraph Company. (See Curtis, Harold E., assignor.)
- American Telephone and Telegraph Company. (See Darnell, E., Enoch, Grubb, and Freeman, assignors.)
- American Telephone and Telegraph Company. (See Dardoff, Ralph W., assignor.)
- American Telephone and Telegraph Company. (See Dencklau, Karl R., assignor.)
- American Telephone and Telegraph Company. (See Dixon, John T., assignor.)
- American Telephone and Telegraph Company. (See Drum, George F., assignor.)
- American Telephone and Telegraph Company. (See Duncan, James A., assignor.)
- American Telephone and Telegraph Company. (See Dunning, Sanford F., assignor.)
- American Telephone and Telegraph Company. (See Edwards, Paul G., assignor.)
- American Telephone and Telegraph Company. (See Edwards, William H., assignor.)
- American Telephone and Telegraph Company. (See Fisher, D., and Parker, assignors.)
- American Telephone and Telegraph Company. (See Gannett, Danforth K., assignor.)
- American Telephone and Telegraph Company. (See Gardner, Leland A., assignor.)
- American Telephone and Telegraph Company. (See Greene, M. L., and Rhoads, assignors.)
- American Telephone and Telegraph Company. (See Hafner, Gilbert M., assignor.)
- American Telephone and Telegraph Company. (See Hanley, Frank H., assignor.)
- American Telephone and Telegraph Company. (See Hathaway, L. A., and Fay, assignors.)
- American Telephone and Telegraph Company. (See Herrmann, C. S., and Ott, assignors.)
- American Telephone and Telegraph Company. (See Honaman, R. K., and Swart, assignors.)



- American Telephone and Telegraph Company. (See Jacobson, Morris H. L., assignor.)
- American Telephone and Telegraph Company. (See Lang, W. Y., and Watson, assignors.)
- American Telephone and Telegraph Company. (See Lee, Y., and Wiener, assignors.)
- American Telephone and Telegraph Company. (See Martin, William H., assignor.)
- American Telephone and Telegraph Company. (See McCann, Thomas A., assignor.)
- American Telephone and Telegraph Company. (See McDavitt, Marcellus B., assignor.)
- American Telephone and Telegraph Company. (See Mitchell, Doren, assignor.)
- American Telephone and Telegraph Company. (See Monk, Newton, and Tidd, assignors.)
- American Telephone and Telegraph Company. (See Parrott, John A., assignor.)
- American Telephone and Telegraph Company. (See Potter, Ralph K., assignor.)
- American Telephone and Telegraph Company. (See Rezos, George, assignor.)
- American Telephone and Telegraph Company. (See Rhodes, Harold A., assignor.)
- American Telephone and Telegraph Company. (See Rumbold, William N., assignor.)
- American Telephone and Telegraph Company. (See Schott, Lionel, assignor.)
- American Telephone and Telegraph Company. (See Shanck, Roy R., assignor.)
- American Telephone & Telegraph Company. (See Slocum, Harvey F., assignor.)
- American Telephone and Telegraph Company. (See Smith, Chauncey W., assignor.)
- American Telephone and Telegraph Company. (See Southworth, George C., assignor.)
- American Telephone & Telegraph Company. (See Southwork, G. C., and Willis, assignors.)
- American Telephone and Telegraph Company. (See Swart, Leland K., assignor.)
- American Telephone and Telegraph Company. (See Taylor, Charles C., assignor.)
- American Telephone and Telegraph Company. (See Walker, Charles R., assignor.)
- American Telephone and Telegraph Company. (See Watson, Edward F., assignor.)
- American Telephone and Telegraph Company. (See Wiener, N., and Lee, assignors.)
- American Telephone and Telegraph Company. (See Williams, Hollie C., assignor.)
- American Teletector Corporation. (See Kelly, Frederick G., Jr., assignor.)
- American Television Laboratories, Inc. (See de Forest, Lee, assignor.)
- American Thermometer Company. (See Eskin, Samuel G., assignor.)
- American Timer Corporation. (See Gains, Chester R., assignor.)
- American Tire Guard Company. (See de Palma, Ralph, assignor.)
- American Tobacco Company, The. (See Priddy, Thomas R., assignor.)
- American Tobacco Company, The. (See Rundell, Rupert E., assignor.)
- American Tool & Machine Co. (See Tholl, John F., assignor.)
- American Tool and Machine Company. (See Williams, Frank I., assignor.)
- American Tractor Equipment Corporation. (See Knapp, John F., assignor.)
- American Tractor Equipment Corp. (See Post, Norman R. and C. H., assignors.)
- American Tractor Equipment Corporation. (See Price, Robert B., assignor.)
- American Tractor Equipment Corporation. (See Yount, Willis H., assignor.)
- American Transformer Company. (See Gaston, John R., assignor.)
- American Transformer Company. (See Hunter, Thomas M., assignor.)
- American Tri-Ergon Corporation. (See Engl, J., Masolle, and Vogt, assignors.)
- American Tri-Ergon Corporation. (See Vogt, H., Masolle, and Engl, assignors.)
- American Type Founders Incorporated. (See Seybold, Frederick W., assignor.)
- American Viscose Corporation. (See Allen, G. M., and Burton, assignors.)
- American Viscose Corporation. (See Davis, Isaac P., assignor.)
- American Viscose Corporation. (See Humphrey, J. W., and Pedlow, assignors.)
- American Viscose Corporation. (See Muertling, Ivan, assignor.)
- American Viscose Corporation. (See Tompkins, Gerald S., assignor.)
- American Voith Contact Company Inc. (See Kugel, Fritz, assignor.)
- American Voith Contact Co. Inc. (See Schold, Ernst, assignor.)
- American Voith Contact Co. (See Thaler, Wilhelm, assignor.)
- American Water Works and Electric Company. (See Clark, Eben W., assignor.)
- American Well Works, The. (See Walker, James D., assignor.)
- American Window Glass Company. (See Bishop, Frederic L., assignor.)
- American Window Glass Company. (See Forman, L. P., and Pancoast, assignors.)
- American Zinc, Lead & Smelting Company. (See Depew, H. A., and Maidens, assignors.)
- American Zinc, Lead & Smelting Company. (See MacIntire, Walter H., assignor.)
- American Zinc, Lead & Smelting Company. (See Maidens, William T., assignor.)
- American Zinc, Lead & Smelting Company. (See Monk, R. H., and Ross, assignors.)
- American Zinc, Lead & Smelting Company. (See Spencer, George L., Jr., assignor.)
- American Zirconium Corporation. (See Allan, Benjamin W., assignor.)
- Ames, Adelbert, Jr., and K. N. Ogle, assignors to Trustees of Dartmouth College, Hanover, N. H. Testing ophthalmic lenses. 2,114,282; Apr. 19.
- Ames, Adelbert, Jr., G. H. Gliddon, and K. N. Ogle, assignors to trustees of Dartmouth College, Hanover, N. H. Correcting ocular defects. 2,118,132; May 24.
- Ames, Adelbert, Jr., and G. H. Gliddon, assignors to Trustees of Dartmouth College, Hanover, N. H. Testing eyes. 2,124,457; July 19.
- Ames, Adelbert, Jr., and G. H. Gliddon, assignors to trustees of Dartmouth College, Hanover, N. H. Testing binocular vision. 2,126,713; Aug. 16.
- Ames Baldwin Wyoming Co. (See Ready, William A., assignor.)
- Ames Baldwin Wyoming Co. (See Wharton, George C., assignor.)
- Ames, James W., Montclair, N. J. Apparatus for removing rivets from structures. 2,132,593; Oct. 11.
- Ames, Raymond A., Beaumont, L. D. Barner and C. E. Nelson, Houston, Tex. Taper boring machine. 2,131,468; Sept. 27.
- Ames, Warren, Newton, Mass. Gauge. 2,117,267; May 17.
- Ames, Warren, Newton, Mass. Gauge. 2,117,268; May 17.
- Ames, Warren, Newton, Mass. Crystal and bezel mounting for dial gauges. 2,134,093; Oct. 25.
- Amesbury, Ernest G., Pittsburgh, Pa. Portable apparatus for transferring loads. 2,135,631; Nov. 8.
- Amfaldern, Hans. (See Reinartz, Heinrich, assignor.)
- Amico, Joseph, Detroit, Mich., assignor to Motor City Tool Co., Inc. Attaching soles to shoes. 2,105,341; Jan. 11.
- Amidon, Charles H., assignor to Norton Company, Worcester, Mass. Grinding machine headstock. 2,113,362; Apr. 5.
- Amidon, Charles H., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,113,363; Apr. 5.
- Amidon, Roy C., Fort Plain, assignor of one-third to W. S. Becker, Little Falls, and one-third to L. M. Fowler, St. Johnsville, N. Y. Flat knit fabric. 2,136,367; Nov. 15.
- Amidon, Roy C., Fort Plain, assignor of one-third to W. S. Becker, Little Falls, and one-third to L. M. Fowler, St. Johnsville, N. Y. Knitting machine and method of knitting. 2,136,368; Nov. 15.
- Amme, Hermann C., Dusseldorf, Germany. Heat exchange surface. 2,131,929; Oct. 4.
- Ammen, Francis D., and P. E. Schneider, Los Angeles, Calif.; said Schneider assignor to said Ammen. Automobile steering gear. 2,122,924; July 5.
- Ammonia Casale Societa Anonima. (See Zavka, Mario, assignor.)
- Amon, Fred H., Weston, assignor, by mesne assignments, to Dewey and Almy Chemical Company, Cambridge, Mass. Producing colored concrete. Re. 20,776; July 5.
- Amon, Fred H., Weston, assignor to Godfrey L. Cabot, Inc., Boston, Mass. Granular product and preparing the same. 2,121,535; June 21.
- Amos, Alwin G., E. E. McGraw, and P. Hergenroder, assignors to Nebraska Appliance Company, Lincoln, Nebr. Cold storage locker. 2,137,105; Nov. 15.
- Amos, James L. (See Chamberlain, L. C., Jr., Amos, and Williams.)
- Amos, James L., assignor to The Dow Chemical Company, Midland, Mich. Preparation of ethyl chloride. 2,140,500; Dec. 20.
- Amouille, Jean, Les Gathues par Plaisir, France. Mechanical packing joint. 2,111,200; Mar. 15.
- Amperoff, Wessell P. (See Rockell, George A., and W. A. E., assignors.)
- Amplex, Inc. (See Huppert, William, assignor.)
- Anarine, Leclaire H., assignor to Imperial Molded Products Corporation, Chicago, Ill. Cover and applicator. 2,106,313; Jan. 25.
- Andson, Howard, Mendville, Pa. Fastening device. 2,112,550; Mar. 20.
- Andel, Jacques R., Hastings on Hudson, N. Y. Article of manufacture and forming the same. 2,110,287; Mar. 8.
- Andler, Walter O., Toledo, Ohio, assignor by mesne assignments, to Erazel Simplex, Inc., Washington, Pa. Annular roller. 2,130,432; June 14.
- Andler, Walter O., Toledo, Ohio, assignor to Hartford Empire Company, Hartford, Conn. Method of and apparatus for annealing glassware. 2,130,947; June 14.
- Amsterdam, Harry, E. De Church, Va. Game and apparatus therefor. 2,131,633; Sept. 27.



- Amundsen, Paul L., Detroit, Mich. Electroplating barrel. 2,120,478; June 14.
- Anaconda Copper Mining Company. (See Frick, F. F., and Cooper, assignors.)
- Anaconda Copper Mining Company. (See Mitchell, Willard E., assignor.)
- Anaconda Copper Mining Company. (See Smith, Cyril S., assignor.)
- Anaconda Lead Products Company. (See Stockdale, S. W., Weaver, and Tinnes, assignors.)
- Anaconda Wire & Cable Company. (See Adams, William S., assignor.)
- Anaconda Wire & Cable Company. (See Aime, Frank L., assignor.)
- Anaconda Wire & Cable Company. (See Bassett, W. H., Jr., and Jones, assignors.)
- Anaconda Wire & Cable Company. (See Ebel, Lawrence C., assignor.)
- Anaconda Wire & Cable Company. (See Johnson, Thor S., assignor.)
- Anaconda Wire and Cable Company. (See Lowe, William, assignor.)
- Anaconda Wire & Cable Company. (See Olson, John W., assignor.)
- Anaconda Wire & Cable Company. (See Ormerod, Harold F., assignor.)
- Anaconda Wire & Cable Company. (See Spilsbury, Persifer G., assignor.)
- Anaconda Wire & Cable Company. (See Thompson, Harry E., assignor.)
- Anaconda Wire & Cable Company. (See Webb, John B., assignor.)
- Anaconda Wire & Cable Company. (See Whittaker, William A., assignor.)
- Anastasakis, Steve, Clarksburg, W. Va. Water motor. 2,106,264; Jan. 25.
- Anastasi, Louis. (See Thomas, James, assignor.)
- Anchor Cap & Closure Corporation. (See Darling, Frank L., assignor.)
- Anchor Cap & Closure Corporation. (See Gibbs, John C., assignor.)
- Anchor Cap & Closure Corporation. (See Podel, Abraham, assignor.)
- Anchor Cap & Closure Corporation. (See Scofield, Edgar, assignor.)
- Anchor Cap & Closure Corporation. (See Von Till, Louis A., assignor.)
- Anchor Hocking Glass Corporation. (See Fisher, William V., assignor.)
- Anchor Post Fence Company. (See Smoot, Theophilus H., assignor.)
- Andale Company. (See Jenkins, James M., assignor.)
- Andale Company. (See McNeal, Daniel R., assignor.)
- Andelenis, Speros P., Concord, N. H. Device for displaying a license plate. 2,134,594; Oct. 25.
- Anderegg, Frederick O. (See Hüttemann, E., and Czernin, assignors.)
- Anderegg, Frederick O., Newark, Ohio, assignor to Owens-Illinois Glass Company. Building block. 2,114,732; Apr. 19.
- Anderegg, Ruben H., assignor to one-half to The Trane Company, La Crosse, and one-half to Waukesha Motor Company, Waukesha, Wis. Air conditioning apparatus. 2,128,890; Sept. 6.
- Anders, Guido, Berlin-Steglitz, assignor to Allgemeine Elektrizitäts-Gesellschaft, Berlin, Germany. System for preventing overmodulation in receivers. 2,130,404; Sept. 20.
- Andersag, Hans, and K. Westphal, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Thiazole compounds and manufacture thereof. 2,139,570; Dec. 6.
- Andersen, Andrew C. (See Simpson, E. G., and Andersen.)
- Andersen, Bjorn, Maplewood, N. J., assignor to Celluloid Corporation. Covering of articles with derivatives of cellulose. 2,125,874; Aug. 9.
- Andersen, Bjorn, Maplewood, and A. F. Caprio, Newark, N. J., assignors to Celluloid Corporation. Esters of polyglycols and their ethers and compositions containing the same. 2,115,700; May 3.
- Andersen, Bjorn, Maplewood, and W. D. Paist, Newark, N. J., assignors to Celluloid Corporation. Articles of cellulosic plastic material. 2,126,714; Aug. 16.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aryl mercury compounds of ureid and purine bases and method of making the same. Re. 20,880; Oct. 11.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Preparing organic mercury compounds. 2,112,129; Mar. 22.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Organic mercury compounds. 2,113,565; Apr. 12.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aromatic mercury salts of aldehyde and ketonic acids. 2,113,566; Apr. 12.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aryl mercury oxygenated compounds of arsenic, antimony, or bismuth. 2,113,567; Apr. 12.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aromatic mercury alcoholates of salts of hydroxy carboxylic acids. 2,114,012; Apr. 12.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aryl mercury salts of aliphatic polycarboxylic acids. 2,118,033; May 24.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aryl mercury sulphonamides. 2,135,553; Nov. 8.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aromatic mercury malates and making the same. 2,139,711; Dec. 13.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aromatic mercury gluconates and making the same. 2,139,712; Dec. 13.
- Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Organic mercury compounds. 2,107,321; Feb. 8.
- Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Organic mercury compounds. 2,114,011; Apr. 12.
- Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Organic mercury compounds. 2,118,133; May 24.
- Andersen, Christian S., assignor to Pennsylvania Furnace & Iron Co., Warren, Pa. Gas control system. 2,130,344; Dec. 6.
- Andersen, George I., assignor to Andersen-Smith Milling Co., San Francisco, Calif. Disintegrating machine. 2,115,184; Apr. 26.
- Andersen, Gunnar E., Copenhagen, Denmark. Internal combustion engine. 2,118,804; May 31.
- Andersen, Johan R., Brooklyn, N. Y. Electric sign system. 2,123,459; July 12.
- Andersen-Smith Milling Co. (See Andersen, George I., assignor.)
- Anderson, A. Nelson, et al. (See Preston, Gerald H., assignor.)
- Anderson, Adolph G. (See Campbell, D. J., and Anderson.)
- Anderson, Adolph G., and J. I. Kibbe, Muskegon, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Centrifugal casting machine. 2,107,322; Feb. 8.
- Anderson, Albert & J. M., Manufacturing Company. (See Reynolds, Charles H., assignor.)
- Anderson, Albert F., San Francisco, Calif. Propeller for propelling and steering ships. 2,112,948; Apr. 5.
- Anderson, Alfred W., Oak Park, Ill. Forceps. 2,114,695; Apr. 19.
- Anderson, Alfred W., Oak Park, Ill. Forceps. 2,137,710; Nov. 22.
- Anderson, Alexander, Fullerton, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Reading device for well survey records. 2,129,395; Sept. 6.
- Anderson, Alvin P., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,131,422; Sept. 27.
- Anderson, Ammon M., Pecos, Tex. Internal combustion engine. 2,125,213; July 26.
- Anderson, Arnold G. O., Coscob, Conn. Thumb tack. 2,108,739; Feb. 15.
- Anderson, Arthur F. (See Williams, C. E., and Anderson.)
- Anderson, Arthur W., assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,104,962; Jan. 11.
- Anderson, Arvid E. (See Hill, C. H., and Anderson.)
- Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Circuit breaker control system. 2,123,034; July 5.
- Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Electric panel board. 2,140,376; Dec. 13.
- Anderson, Augustus L., Brooklyn, N. Y. Bottle destroying device. 2,115,406; Apr. 26.
- Anderson, Axel F. L., assignor to American Blower Corporation, Detroit, Mich. Air conditioning unit. 2,115,567; Apr. 26.
- Anderson, Bernadine. (See Anderson, Howard P.)
- Anderson, Bert J., Hammond, Ind. Velocipede frame. 2,112,475; Mar. 29.
- Anderson, Bert J., Hammond, Ind. Handle bar. 2,114,733; Apr. 19.
- Anderson, Bert J., Hammond, Ind. Combination fork and fender. 2,120,453; June 14.
- Anderson, Bert J., Hammond, Ind. Rear frame member. 2,120,454; June 14.
- Anderson, Bert J., Hammond, Ind. Electric alarm. 2,130,991; Sept. 20.
- Anderson, Bert J., Hammond, Ind. Handle bar. 2,135,692; Nov. 8.
- Anderson Box Company. (See Mohler, Ernest E., assignor.)
- Anderson Box Company. (See Schaefer, Norbert F., assignor.)
- Anderson, Carl, G. B. Baehr, and G. M. Gay, Waterbury, and C. T. Manville, Woodbury, Conn., assignors to United States Rubber Products, Inc., New York, N. Y. Machine for securing fastener elements. 2,125,707; Aug. 2.
- Anderson, Carl, Westfield, Mass. File rest. 2,138,395; Nov. 29.
- Anderson, Carl E. (See Montan, A., and Anderson.)
- Anderson, Carl E., Hackensack, N. J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Abrading lenses. 2,105,175; Jan. 11.



- Anderson, Carl E., East Orange, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Slide loop. 2,105,516; Jan. 18.
- Anderson, Carl G., Westchester, Ill. Road maintenance machine. Re. 20,726; May 17.
- Anderson, Carl I., Buffalo, and R. B. Payne, Elma, assignors to National Aniline & Chemical Company, Incorporated, New York, N. Y. Azo dyestuffs. 2,138,991; Dec. 6.
- Anderson, Carl J. H., Newark, Del. Binding books. 2,106,419; Jan. 25.
- Anderson, Carl L. (See Turner, H. I., and Anderson.)
- Anderson, Carl O. (See Abbot, F. C., Cooke, and Anderson.)
- Anderson, Carl R., assignor to The Griswold Manufacturing Company, Erie, Pa. Damper. 2,118,752; May 24.
- Anderson, Carroll R., assignor, by mesne assignments, to Munsingwear Inc., Minneapolis, Minn. Knitted fabric. 2,133,840; Oct. 18.
- Anderson, Charles A., New Rochelle, assignor to The Gotham Pressed Steel Corporation, New York, N. Y. Window ventilator. 2,130,114; Sept. 13.
- Anderson, Charles J., Jr., Jamestown, N. Y. Power transmission. 2,141,234; Dec. 27.
- Anderson, Charles N., Grand Island, Nebr. Fish lure. 2,112,901; Apr. 5.
- Anderson, Charles R., Chicago, Ill. Display case. 2,123,394; July 12.
- Anderson, Charles T., Cincinnati, Ohio, assignor to United Shoe Machinery Corporation, Paterson, N. J. Orthopedic insole. 2,123,481; July 12.
- Anderson, Clarence F., Chicago, Ill. Milk bottle. 2,109,629; Mar. 1.
- Anderson Company, The. (See Boddy, Leonard, assignor.)
- Anderson Company, The. (See Smulski, Theodore J., assignor.)
- Anderson, Curtis A., Muscatine, Iowa. Combination ash receiver and cigarette holder. 2,124,481; July 19.
- Anderson, David E., assignor to Bohn Aluminum and Brass Corporation, Detroit, Mich. Manifold construction. 2,104,178; Jan. 4.
- Anderson, David G., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone pay station apparatus. 2,136,601; Nov. 15.
- Anderson, Dennis H., Paducah, Ky. Backwater control for sewers. 2,116,422; May 3.
- Anderson, Edward C., assignor to Illinois Watch Case Company, Elgin, Ill. Watchcase mounting. 2,128,766; Aug. 30.
- Anderson, Edward L., assignor of one-half to E. H. Walker, Washington, D. C. Printing frame. 2,117,051; May 10.
- Anderson, Edward L., Grosse Isle, assignor to American Blower Corporation, Detroit, Mich. Fan. 2,126,599; Aug. 9.
- Anderson, Edwin G., San Diego, Calif. Electric door chime. 2,104,963; Jan. 11.
- Anderson, Edwin J., Snyder, Tex. Refrigerator. 2,104,845; Jan. 11.
- Anderson, Emil, Briarcliff Manor, N. Y. Crating apparatus. 2,119,767; June 7.
- Anderson, Emil E. W., and G. K. V. Johanson, Lidingo, assignors to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Respiration apparatus. 2,121,311; June 21.
- Anderson, Emil N., Oak Park, Ill., E. L. Getz, Ridgewood, and H. W. Ulrich, Newark, N. J.; said Anderson assignor to American Telephone and Telegraph Company, and said Getz and Ulrich assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,137,793; Nov. 22.
- Anderson, Frank W., Roslindale, assignor of one-half to O. J. Palmer, Quincy, Mass. Heat trap. 2,115,356; Apr. 26.
- Anderson, Fred I., San Antonio, Tex., assignor to American Telephone and Telegraph Company. Wire tying tool. 2,137,325; Nov. 22.
- Anderson, Frederick H., Schenectady, N. Y., assignor to General Electric Company. Vacuum pump apparatus. 2,124,390; July 19.
- Anderson, Frithlof B., Bloomfield, N. J., C. O. Mal-linckrodt, Forest Hills, N. Y., and A. L. Stillwell, Westfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage or gain control. 2,106,336; Jan. 25.
- Anderson, George A., Alameda, Calif. Adjustable stroke and shock absorbing connecting rod. 2,134,995; Nov. 1.
- Anderson, Gilbert V., assignor to W. F. Fischer, Philadelphia, Pa. Hydraulic control mechanism. 2,116,376; May 3.
- Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Strip feeding mechanism. 2,123,350; July 12.
- Anderson, Gustaf R., Lynn, and F. F. Davis, Roxbury, Mass.; said Davis assignor to said Anderson. Dispensing system. 2,109,896; Mar. 1.
- Anderson, Gustav, Brooklyn, assignor to Arenco Machine Company, Incorporated, New York, N. Y. Cigar wrapper cutting mechanism. 2,110,190; Mar. 8.
- Anderson, Guy C., San Francisco, Calif. Amalgamating machine. 2,122,400; July 5.
- Anderson, Harold C., assignor to Dravo Corporation, Pittsburgh, Pa. Direct fired unit heater. 2,115,057; Apr. 26.
- Anderson, Harold L., Lincoln, Nebr. Barrel transport truck. 2,137,560; Nov. 22.
- Anderson, Harold N. (See Katzberg, William J., assignor.)
- Anderson, Harry A., Oelwein, Iowa. Device for removing piston rods from cross heads. 2,105,392; Jan. 11.
- Anderson, Harry J., assignor to The Pure Oil Company, Chicago, Ill. Plunger type fluid indicator and metering device. 2,136,261; Nov. 8.
- Anderson, Harry O., assignor to Norton Company, Worcester, Mass. Flexible coated abrasive product. 2,123,581; July 12.
- Anderson, Herman B., Louisville, Ky. Apparatus for and process of treatment of liquid. 2,126,164; Aug. 9.
- Anderson, Howard P. (See Peyton, W. C., and Anderson.)
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Inc. Fuel distributing mechanism. 2,107,622; Feb. 8.
- Anderson, Howard P., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc. Combined stoker and firedoor. 2,129,111; Sept. 6.
- Anderson, Howard P., deceased, Erie, Pa., by B. Anderson, executrix, Dallas, Tex., assignor, by mesne assignments, to The Standard Stoker Company, Inc. Distributor head for stokers. 2,135,249; Nov. 1.
- Anderson, Henry D., Cleveland, Ohio. Pulverizer. 2,113,040; Apr. 5.
- Anderson, Hugo J., assignor to Lubrx Products, Inc., Boston, Mass. Machine for testing lubricants. 2,132,347; Oct. 4.
- Anderson, Ian B. (See Thomson, R. F., Anderson, and Thornley.)
- Anderson, James K., Leeds, England. Actuating mechanism for doffing mechanism. 2,104,474; Jan. 4.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Template follower. 2,130,373; Sept. 20.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Template follower. 2,130,374; Sept. 20.
- Anderson, James N., Jr. (See Dirkes, R. F., and Anderson.)
- Anderson, James W., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Carbon stripping device. 2,124,996; July 26.
- Anderson, John A. (See Adams, C. E., Sullivan, and Anderson.)
- Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Lubricating oil refining. 2,109,895; Mar. 1.
- Anderson, John A., Olympia Fields, assignor to Standard Oil Company, Chicago, Ill. Petrolatumlike products. 2,133,412; Oct. 18.
- Anderson, John C. (See Frost, P. F., and Anderson.)
- Anderson, John C. (See Pierson, E. H., and Anderson.)
- Anderson, John K., and T. Johnson, Detroit, Mich. Wrench. 2,139,650; Dec. 13.
- Anderson, John P., Koppel, assignor, by mesne assignments, to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Dump vehicle. 2,117,592; May 17.
- Anderson, John R. (See Chaffee, E. F., and Anderson.)
- Anderson, John, Sutton Coldfield, and M. Langstreth, Rochdale, assignors to Dunlop Rubber Company Limited, London, England. Cord and article made of cord. 2,133,071; Oct. 11.
- Anderson, John W. (See Buell, Charles L., assignor.)
- Anderson, John W., Gary, Ind. Safety razor. 2,121,000; June 21.
- Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Cleaning device. 2,109,606; Mar. 1.
- Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Defroster. 2,122,970; July 5.
- Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Windshield wiper arm. 2,128,068; Aug. 23.
- Anderson, Leonard. (See Pyman, F. L., Garforth, and Anderson.)
- Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Electroacoustical apparatus. 2,113,364; Apr. 5.
- Anderson, Lloyd, assignor to National Lock Co., Rockford, Ill. Latch and handle mechanism. 2,123,866; July 19.
- Anderson, Lloyd D. H., Wellesley, Mass. Tractor plow. 2,134,848; Nov. 1.
- Anderson, Lloyd L., Grand Rapids, assignor to Winters & Crampton Corporation, Grandville, Mich. Refrigerator latch. 2,136,662; Nov. 15.
- Anderson, Milton E., and C. E. Swenson, Rockford, assignors to Borg Warner Corporation, Chicago, Ill. Flexible coupling. 2,121,066; June 21.
- Anderson, Nell, et al. (See Johanson, Adolph T., assignor.)
- Anderson, Olof, Woodstock, Ill. Drain plunger. 2,128,217; Aug. 30.
- Anderson, Paul V., assignor to Gardner Tool and Stamp ing Company, Gardner, Mass. Coasting and driving hub. 2,125,763; Aug. 2.
- Anderson, Peter A., Portland, Maine. Gas installation housing. 2,105,135; Jan. 11.
- Anderson, Peter E., Elkhart, Ill. Terminal protector. 2,141,503; Dec. 27.
- Anderson, Philip, Meriden, Iowa. Erosion controlling implement. 2,113,341; Apr. 5.



- Anderson Products, Incorporated. (See Parks, Joseph A., Jr., assignor.)
- Anderson Products, Incorporated. (See Parks, J. A., Jr., and Upton, assignors.)
- Anderson, Ralph W., Wauwatosa, Wis. Locomotive. 2,109,630; Mar. 1.
- Anderson, Rexford O. (See Carson, A. H., and Anderson.)
- Anderson, Richard D., Baton Rouge, La., assignor to Standard Oil Development Company. Container capping machine. 2,109,763; Mar. 1.
- Anderson, Robert C., assignor to Buckeye Iron & Brass Works, Dayton, Ohio. Signal. 2,123,090; July 5.
- Anderson, Robert G., Erie, Pa., assignor to General Electric Company. Journal box and truck frame construction. 2,112,730; Mar. 29.
- Anderson, Robert G., Erie, Pa., assignor to General Electric Company. Louver construction. 2,126,525; Aug. 9.
- Anderson, Robert H. (See Taylor, R. S., Torrance, and Anderson.)
- Anderson, Robert J., assignor to Victory Fireworks and Specialty Company, Elkton, Md. Float light. 2,119,697; June 7.
- Anderson, Roger, Seattle, Wash. Fracture-reducing splint. 2,129,635; Sept. 13.
- Anderson, Roy H., Winona, Minn. Display container. 2,112,551; Mar. 29.
- Anderson, Roy L., Decorah, Iowa. License plate holder. 2,121,677; June 21.
- Anderson, Russell G. (See Blazek, J. Y., and Anderson.)
- Anderson, Samuel H., Fort Monmouth, Oceanport, N. J. Cathode ray pitch and bank indicator for aircraft. 2,114,283; Apr. 19.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Spray type conditioner for passenger vehicles. 2,104,475; Jan. 4.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system. 2,130,479; Sept. 20.
- Anderson, Samuel M., Sharon, and F. J. Hamilton, Chicago, Ill., assignors to B. F. Sturtevant Company, Inc., Boston, Mass. Air conditioning system utilizing refrigeration. 2,116,093; May 3.
- Anderson, Selma, Tacoma, Wash. Cigarette stub holder. 2,111,084; Mar. 15.
- Anderson, Swan F., Rockford, Ill. Filling machine. 2,107,274; Feb. 8.
- Anderson, Swan F., Rockford, Ill. Formation and packaging of material. 2,121,065; June 21.
- Anderson, Thomas A., Hartwell, Ga., assignor to The Patent Button Company, Waterbury, Conn. Folding and pressing attachment for sewing machines. 2,109,441; Feb. 22.
- Anderson, Vern E., Lansing, Mich. Grinding apparatus. 2,104,147; Jan. 4.
- Anderson, W. Charles, Linden, Calif. Maintaining chestnuts in prime condition. 2,106,314; Jan. 25.
- Anderson, Waldemar E., and J. A. Linder, Montclair, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Lamp fuse protector. 2,139,252; Dec. 6.
- Anderson, Walter A. (See Sundstrand, O. J., and Anderson.)
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Stand. 2,126,303; Aug. 9.
- Anderson, Walter A., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,131,361; Sept. 27.
- Anderson, William B., Springfield, Mass., assignor, by mesne assignments, to General Motors Corporation. Liquid-congealing apparatus and treating same. 2,135,022; Nov. 1.
- Anderson, William B., West Springfield, Mass., assignor, by mesne assignments, to General Motors Corporation. Liquid-congealing apparatus and treating same. 2,135,023; Nov. 1.
- Anderson, William C., Bromley, and E. T. Carlson, South Fort Mitchell, Ky., assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar conduit distribution system. 2,124,269; July 19.
- Anderson, William S. (See Walker, D. F., and Anderson.)
- Anderson, William T., Eggertsville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vertical coating equipment. 2,107,276; Feb. 8.
- Anderson, William T., Eggertsville, and J. M. Henry, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Drying equipment. 2,107,275; Feb. 8.
- Anderson, Zela F., Hereford, S. Dak. Grave marker. 2,120,082; June 7.
- Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,109,607; Mar. 1.
- Andersson, Sven W. E., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,123,920; July 19.
- Andersson, Sven W. E., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,123,921; July 19.
- Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Ice tray. 2,133,266; Oct. 18.
- Andersson, Sven W. E., and I. Tornkvist, New York, N. Y., assignors, by mesne assignments, to Servel, Inc., Dover, Del. Thermostatic control valve. 2,140,947; Dec. 20.
- Anderton, Alfred, Castleton, near Manchester, England. Automatic centrifugal clutch or brake. 2,128,980; Sept. 6.
- Anderton, Benjamin A., Grantwood, N. J., assignor to The Barrett Company, New York, N. Y. Waterproofing composition and method. 2,124,843; July 26.
- Anderton, Benjamin A., Grantwood, N. J., assignor to The Barrett Company, New York, N. Y. Bituminous cement. 2,131,085; Sept. 27.
- Andis, Mathew, Racine, Wis. Hair clipping and shaving head. 2,141,895; Dec. 27.
- Andre, Gustaf E., Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill. Electrical connector. 2,104,786; Jan. 11.
- Andreas, Harry A., Muscatine, Iowa. Pulley. 2,115,837; May 3.
- Andreasson, Rudolf W., Detroit, Mich. Reamer. 2,127,457; Aug. 16.
- Andreau, Jean E., Paris, France. Streamlined vehicle. 2,128,687; Aug. 30.
- Andreau, Jean E., Paris, France, assignor to "S. E. B. A., Societe Anonyme d'Exploitation de Brevets d'Automobiles", Glarus, Switzerland. Internal combustion engine. 2,120,012; June 7.
- Andreau, Jean E., Paris, France, assignor to the Society "S. E. B. A. Societe Anonyme d'Exploitation de Brevets d'Automobiles", Glarus, Switzerland. Streamlined automobile vehicle. 2,128,686; Aug. 30.
- Andreini, Michele, Milan, Italy. Carriage for Röntgen apparatus. 2,105,961; Jan. 18.
- Andrejchak, Juraj, Duquesne, Pa. Cant-hook. 2,132,553; Oct. 11.
- Andres, Lloyd J., Grand Rapids, Mich., assignor to Automatic Instrument Company. Talking picture machine. 2,118,999; May 31.
- Andres, William J. (See Roth, H. C., and Andres.)
- Andres, William J. (See Sanford, R. S., and Andres.)
- Andres, William J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Fluid Pressure control mechanism. 2,141,678; Dec. 27.
- Andres, William J., Pittsburgh, and R. S. Sanford, New York, N. Y., assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Control mechanism. 2,133,275; Oct. 18.
- Andrew, Vaughan L., Superior, Wis. Stuffing box. 2,119,033; May 31.
- Andrews-Alderfer Company. (See Alderfer, Sterling W., assignor.)
- Andrews, Archie M., Greenwich, Conn. Cigarette lighter. 2,109,003; Feb. 22.
- Andrews, Bernard R., Braintree, Mass. Drying synthetic fiber. 2,119,261; May 31.
- Andrews, Charles, and W. Hannon, Rockford, Ill., assignors to The Washburn Company, Worcester, Mass. Flour sifter. 2,126,982; Aug. 16.
- Andrews, Chester E. (See Covert, L. W., and Andrews, assignors.)
- Andrews, Chester E. (See Fenske, M. R., and Andrews.)
- Andrews, Chester E., West Brookline, Upper Darby, Pa., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Oxidizing naphthalene to phthalic anhydride. 2,120,538; June 14.
- Andrews, Chester E., Overbrook, assignor to Röhm & Haas Company, Philadelphia, Pa. Vanadium oxide catalyst. 2,134,543; Oct. 25.
- Andrews, Chester E., Overbrook, and L. W. Covert, assignors to Röhm & Haas Company, Philadelphia, Pa. Hydrogenating carbonyl compounds and catalyst therefor. 2,118,001; May 17.
- Andrews, Chester E., Overbrook, and L. U. Spence, Cheltenham, assignors to Röhm & Haas Company, Philadelphia, Pa. Separation of methylamines. 2,126,600; Aug. 9.
- Andrews Company. (See Andrews, I., and Coddington, assignors.)
- Andrews, E. J. (See Krag, Erik L., assignor.)
- Andrews, Edward D. (See Alderfer, Sterling W., assignor.)
- Andrews, Edward F., Chicago, Ill. Radio receiver. 2,127,488; Aug. 16.
- Andrews, Fred E., Ware, Mass. Blotter. 2,120,479; June 14.
- Andrews, Harry L., Jr. (See Beegle, F. M., and Andrews.)
- Andrews, Isaac, and H. O. Coddington, Spartanburg, S. C. Twine heddle. 2,125,278; Aug. 2.
- Andrews, Isaac, and H. O. Coddington, assignors to Andrews Company, Spartanburg, S. C. Machine used in construction twine heddle. 2,134,692; Nov. 1.
- Andrews, John W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic materials and making such materials. 2,110,967; Mar. 15.
- Andrews, John W., Westfield, and C. A. Hallam, Fairhaven, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Extrusion apparatus. 2,113,208; Apr. 5.
- Andrews, L. V., assignor to Riley Stoker Corporation, Worcester, Mass. Combustion apparatus. 2,111,908; Mar. 22.



- Andrews, L. V., assignor to Riley Stoker Corporation, Worcester, Mass. Burner for pulverized fuel. 2,136,777; Nov. 15.
- Andrews, O. B. Company. (See Turner, William E., assignor.)
- Andrews, Oliver B., Chattanooga, Tenn. Container. 2,124,409; July 19.
- Andrews, Oliver B., Chattanooga, Tenn. Liner. 2,128,449; Aug. 30.
- Andrews, Oliver B., Chattanooga, Tenn. Liner. 2,128,450; Aug. 30.
- Andrews, Philip A. (See Rambush, N. E., and Andrews.)
- Andrews, Richard H., Jr. (See Yarger, Milton R., assignor.)
- Andrews, Rufus A., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Time delay apparatus. 2,130,405; Sept. 20.
- Andrews Steel Company, The. (See Little, Howard J., assignor.)
- Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Handle securing structure. 2,134,098; Oct. 25.
- Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillograph device. 2,134,094; Oct. 25.
- Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation producing system. 2,139,432; Dec. 6.
- Andros, Charles H., Nassau, assignor to Harder Refrigerator Corporation, Cobleskill, N. Y. Refrigerator. 2,129,255; Sept. 6.
- Androsky, Edward C., assignor of fifty percent to F. Androsky, Superior, Wis. Pneumatic tire pressure signaling device. 2,113,957; Apr. 12.
- Androsky, Frank. (See Androsky, Edward C., assignor.)
- Andrus, George R., Seattle, Wash. Food directing, pressure relieving tooth assembly. 2,113,568; Apr. 12.
- Andrus, N. Llewellyn, and L. J. Ganyaw, assignors to Smith Welding Equipment Corporation, Minneapolis, Minn. Arc welder. 2,138,754; Nov. 29.
- Andrus, William L., San Francisco, Calif. Tape record repeater. 2,140,684; Dec. 20.
- Andrus, Zelta M. (See Becker, A. S., and Andrus.)
- Andrussow, Leonid, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrogen cyanide. 2,105,831; Jan. 18.
- Anemostat Corporation of America. (See Kurth, Franz J., assignor.)
- Anetsberger, Frank A., Chicago, Ill. Cooking utensil. 2,136,535; Nov. 15.
- Angeletti, Joseph M., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. 2,122,971; July 5.
- Angeletti, Joseph M., Alexandria, Ind., assignor to Aladdin Industries, Incorporated, Chicago, Ill. Process and apparatus for making arcuately plaited products. 2,141,235; Dec. 27.
- Angell, Charles H. (See Swartwood, K., and Angell.)
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,109,631; Mar. 1.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,110,495; Mar. 8.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,113,639; Apr. 12.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,114,516; Apr. 19.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,125,535; Aug. 22.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,128,897; Sept. 6.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,128,898; Sept. 6.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,130,407; Sept. 20.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,130,408; Sept. 20.
- Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Saliva ejector. 2,130,406; Sept. 20.
- Angell, Thomas U., Honolulu, Hawaii, assignor to The Gregg Company, Ltd., New York, N. Y. Car structure. 2,138,130; Nov. 29.
- Angelini, Curt. (See Kruse, W., and Elischer, assignors.)
- Angélieux, Pierre. (See Gultmann, J. M., and Angélieux.)
- Angélieux, Pierre, and J. M. Gultmann, Paris, France. Optical adjusting device for cinematographic apparatus. 2,106,397; Jan. 25.
- Anglada, Joseph A., and A. H. Asprooth, assignors to Anglada Motor Corporation, New York, N. Y. Internal combustion engine. 2,109,608; Mar. 1.
- Anglada Motor Corporation. (See Anglada, J. A., and Asprooth, assignors.)
- Anglo American Mill Corporation. (See MacLellan Angus D., assignor.)
- Anglo California National Bank of San Francisco, The. (See Rey, Henri D., assignor.)
- Anglo-Iranian Oil Company. (See Dunstan, Albert E., assignor.)
- Angostura Wuppermann Corporation, The. (See Kabus, Fernand, assignor.)
- Angus, Donald J., Indianapolis, Ind. Roll drive mechanism for graphic meters. 2,134,391; Oct. 25.
- Angus, George, & Company Limited et al. (See Krasslet, Theodor, assignor.)
- Anheuser-Busch, Inc. (See Barsi, James E., assignor.)
- Anheuser-Busch, Inc. (See Gull, Rudolf, assignor.)
- Anheuser-Busch, Incorporated. (See Winter, Henry G., assignor.)
- Anigraphic Process, Inc. (See Knaggs, Donald W., assignor.)
- Animal Trap Company of America. (See Graybill, Hershey R., assignor.)
- Animal Trap Company of America. (See Zahm, Joseph D., assignor.)
- Animated Slides Limited. (See Tournay-Hinde, Arthur W., assignor.)
- Anke, Rudolph. (See Zwicky, M., and Anke.)
- Anker, Lloyd S., Cambridge, Ohio. Vehicle seat. 2,117,932; May 17.
- Anker-Werke, A. G. (See Imkamp, Karl, assignor.)
- Anker Werke A.-G. (See Klaar, Albert, assignor.)
- Anketell, Edward N., assignor to The A. C. Gilbert Company, New Haven, Conn. Camera model. 2,104,476; Jan. 4.
- Anketell, Edward N., assignor to The A. C. Gilbert Company, New Haven, Conn. Kaleidoscope. 2,112,642; Mar. 29.
- Anklam, Charles W. (See Foley, C. F., and Anklam.)
- Anklam, Charles W., Detroit, Mich., assignor, by mesne assignments, to Kingston Products Corporation. Attachable socket for fixed focus lamps. 2,110,131; Mar. 8.
- Anklam, Charles W., assignor to C. M. Hall Lamp Company, Detroit, Mich. Vehicle lamp. 2,115,695; May 3.
- Anklam, Charles W., assignor to C. M. Hall Lamp Company, Detroit, Mich. Lamp construction. 2,138,056; Nov. 29.
- Ankl, Walter L., Barcelona, Spain, assignor to Insulatus A. G., Zug, Switzerland. Enameling and varnishing wire, ribbons, and the like. 2,110,011; Mar. 1.
- Annen, James E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container and closure therefor. 2,109,716; Mar. 1.
- Annen, James E., and A. L. Sherwood, assignors to Sutherland Paper Company, Kalamazoo, Mich. Container. 2,130,576; Sept. 20.
- Annen, Robert, assignor to the firm Louis Muller & Cie S. A., Fabrique d'horlogerie "La Champagne", Bienne, Switzerland. Manufacturing ball and roller bearings. 2,112,754; Mar. 29.
- Annerén, Rolf E., and B. Carlström, assignors to Aktiebolaget Facit, Atvidaberg, Sweden. Reversing mechanism. 2,127,102; Aug. 16.
- Anschütz, Robert, Zella-Mehlis, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Benshausen, Thuringia, Germany. Typewriter calculating machine, and the like. 2,141,158; Dec. 27.
- Anscott, William. (See Carter, L. F., and Anscott.)
- Anscott, William, Woodhaven, N. Y., and L. F. Carter, Leonia, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyrovertical. 2,133,793; Oct. 18.
- Anson, Isaac A., Tulsa, Okla. Steering wheel attachment. 2,134,020; Oct. 25.
- Anson, Samuel B., Cleveland Heights, assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Photoengraving equipment. 2,117,279; May 17.
- Anstice, Josiah, & Company. (See Anstice, Mortimer R., assignor.)
- Anstice, Josiah, & Co. (See Browne, Lindsay H., assignor.)
- Anstice, Josiah, & Co. Inc. (See Browne, Lindsay H., assignor.)
- Anstice, Mortimer R., assignor to Josiah Anstice & Company, Inc., Rochester, N. Y. Vegetable slicing machine. 2,131,851; Oct. 4.
- Anthes, Eugen. (See Pier, M., Anthes, and Schappert.)
- Anthonsen, Georg B., Minneapolis, Minn. Track construction. 2,133,317; Oct. 18.
- Anthony Company. (See Anthony, William C., assignor.)
- Anthony, David S., San Antonio, Tex. Grinding plate. 2,119,768; June 7.
- Anthony, David S., San Antonio, Tex. Renner. 2,138,897; Dec. 6.
- Anthony, George B., Detroit, Mich. Underground trap for leaking gas. 2,108,840; Feb. 22.
- Anthony, Jack, Tulsa, assignor, by mesne assignments, of sixty per cent to E. P. Collins and forty per cent to G. Krell, Sapulpa, Okla. Slip socket. 2,114,988; Apr. 19.
- Anthony, Mark W., Tyler, Tex. Motorcycle engine transmission. 2,127,384; Aug. 10.
- Anthony, Myron V., New Haven, Conn., assignor to Standard Chemical Company, New York, N. Y. Fungicides and insecticides. 2,119,125; May 31.
- Anthony, Selma G., Wilson, Tex. Electrometer pistol. 2,119,042; Sept. 6.
- Anthony, William C., assignor to Anthony Company, Sanctor, Ill. Tipping mechanism. 2,130,663; Nov. 15.



- Anthracite Separator Company. (See Pardee, Frank, Jr., assignor.)
- Anthracite Separator Company. (See Pardee, F., Jr., and Curtin, assignors.)
- Antisell, Frank L., Wilkinsburg, assignor to Copperweld Steel Company, Glassport, Pa. Electrolytic copper. 2,114,161; Apr. 12.
- Antofilli, John. (See Walsh, T. J., and Antofilli.)
- Antognazzi, Marco A., Rosario de Santa Fe, Argentine. Lifesaving appliance. 2,135,095; Nov. 1.
- Antoline, Carlo, Ferriday, La. Heel for footwear. 2,122,552; July 5.
- Anton, Frederick A., Topeka, Kans. Automatic visor awning. 2,129,555; Sept. 6.
- Antonelli, Americo, Quincy, Mass. Sewing machine attachment. 2,116,094; May 3.
- Antonopoulos, Christ K., Chicago, Ill. Directional signal switch. 2,119,979; June 7.
- Antonsen, Anker K., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine governor. 2,108,464; Feb. 15.
- Antrim, Charles H., Grand Rapids, Mich. Gauge. 2,123,395; July 12.
- Antrim, William D., Gloucester, N. J., and A. W. Schlemmer, assignors to Roberts & Mander Stove Company, Philadelphia, Pa. Cooking stove. 2,107,972; Feb. 8.
- Anttila, Walfred, Oak Creek, Colo. Undercarriage construction for aircraft. 2,136,778; Nov. 15.
- Anxionnaz, René, Paris, France. Supercharged furnace. 2,112,391; Mar. 29.
- Anxionnaz, René, Paris, France. Aircraft machinery. 2,128,789; Aug. 30.
- Apel, Adolph E. and A. A., Ventnor, N. J. Boat. 2,126,304; Aug. 9.
- Apel, Arno A. (See Apel, Adolph E. and A. A.)
- Apel, Carl H. (See Crawford, D. A., McKinnon, and Apel.)
- Apel, George E., Belmont, and J. M. Patterson, Waban, assignors to Boston Woven Hose and Rubber Company, Cambridge, Mass. Tension band. 2,114,517; Apr. 19.
- Apex Electrical Manufacturing Company, The. (See Prantz, W. A., and McCabe, assignors.)
- Apex Electrical Manufacturing Company, The. (See Holland, Sidney S., assignor.)
- Apex Electrical Manufacturing Company, The. (See Holland, S. S., Traugher, and McVey, assignors.)
- Apex Electrical Manufacturing Company, The. (See Kirby, James B., assignor.)
- Apex Electrical Manufacturing Company, The. (See McCabe, John J., assignor.)
- Apex Electrical Manufacturing Company, The. (See McVey, Reuben J., assignor.)
- Apex Electrical Manufacturing Company. (See Racklyeft, John W., assignor.)
- Apex Railway Products Company. (See Doherty, Edward T., assignor.)
- Apfel, Jacob F., and R. S. Jarrett, deceased, Hamilton, Ohio; E. M. Jarrett, administratrix of said R. S. Jarrett, assignor to said Apfel. Tongs. 2,125,214; July 26.
- Apostoluk, Stephen, and F. R. Prina, New York, N. Y.; said Prina assignor to New York Clasp Corporation. Suspender holder. 2,139,481; Dec. 6.
- Apotheker, Carl. (See Pool, E., Bonhöte, and Apotheker.)
- Apparatebau Gesellschaft Neumann & Borm Kommanditgesellschaft. (See Wurdell, Günther, assignor.)
- Appel, Abraham. (See Block, David J., assignor.)
- Appel, Maxwell H., Philadelphia, Pa. Hat block clamp. 2,118,392; May 24.
- Appel, Oscar J., Paterson, N. J. Oil burner. 2,106,265; Jan. 25.
- Appelbaum, Abraham. (See Radin, M., and Appelbaum.)
- Appelberg, Gustaf R. (See Bullard, E. P., and Appelberg.)
- Apple, Bessie D. (See Cotterman, Frederick W.)
- Appleby, Owen L., San Jose, Calif. Burner. 2,116,691; May 10.
- Applegate, Ivan D., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System of compensation. 2,112,058; Mar. 22.
- Applegate, Robert R., Shaker Heights, Ohio. Apparatus for welding. 2,112,552; Mar. 29.
- Applegate, Uriah S., Walnut Acres, Calif. Sash hinge fixture. 2,139,651; Dec. 13.
- Applegate, Wilbert A., San Diego, Calif. Electric conductor wire connection cap. 2,110,458; Mar. 8.
- Appleton Electric Company. (See Tornblom, Nils A., assignor.)
- Appleton Toy & Furniture Company. (See Heinritz, Ted E., assignor.)
- Appleton Wire Works, Inc. (See Buchanan, William E., assignor.)
- Appleton Wire Works, Inc. (See Weber, Louis N., assignor.)
- Appleyard, Kenelm C., Birtley, and S. D. Pollett, Newcastle-Upon-Tyne, assignors of one-third to The Birtley Company Limited, Birtley, England. Apparatus for separating mixed materials having different electrical conductivities. 2,131,930; Oct. 4.
- Apthorp, Robert E., Milton, Mass. Nozzle. 2,126,440; Aug. 9.
- Aqua Systems Incorporated. (See Peter, W. J., and Yanchenko, assignors.)
- Arabol Manufacturing Company, The. (See Clegg, J. E., and Hilliard, assignors.)
- Arado Flugzeugwerke G. m. b. H. (See Blume, Walter, assignor.)
- Aram, Eric H. G. (See Hardy, Richard D., Machen, and Aram.)
- Arand, Alfred F., Cincinnati, Ohio. Structural anchor. 2,130,531; Sept. 20.
- Arato, Vincent, and A. Gallucci, Peekskill, N. Y. Sanitary drinking protector. 2,133,318; Oct. 18.
- Arb, Irvin L., Adrian, Tex. Pouring spout. 2,124,241; July 19.
- Arbib, Ida, New York, N. Y. Yarn. 2,122,972; July 5.
- Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Spray head. 2,125,863; Aug. 9.
- Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Spray head. 2,125,978; Aug. 9.
- Arbogast, Johnson A., Akron, Ohio. Artificial fish bait. 2,111,020; Mar. 15.
- Arbron, Thomas J., Royal Oak, Mich. Egg grader. 2,112,324; Mar. 29.
- Arbuckle, Samuel F., Highland Park, Mich., assignor, by mesne assignments, to Guide Lamp Corporation, Anderson, Ind. Headlight testing device. 2,111,580; Mar. 22.
- Arbuckle, Samuel F., G. H. Coulter, and C. E. Godley, Highland Park, assignors to United Lens Corporation, Detroit, Mich. Signaling system. 2,141,188; Dec. 27.
- Arcari, Sandro. (See Scheyer, Sophie (née von Pezachowicz).)
- Archea, Walter D. (See Romaine, M., and Archea.)
- Archer, George F., New York, N. Y. Lift bedstead. 2,112,355; Mar. 29.
- Archer, Merton T., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Packed tool joint. 2,110,825; Mar. 8.
- Archer, Norman, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Fluid tight seal between machine members. 2,109,985; Mar. 1.
- Archer, Philip D., assignor to Campbell Taggart Associated Bakeries, Inc., Kansas City, Mo. Rack. 2,129,396; Sept. 6.
- Archer Rubber Company. (See Callahan, John T., assignor.)
- Archer, Samuel W. (See Ellis, R. C., and Archer.)
- Archibald, Francis E., Elizabeth, N. J., assignor to Standard Alcohol Co. Purifying alcohols by removing the oily impurities. 2,107,265; Feb. 8.
- Archibald, Francis M., Elizabeth, N. J., assignor to Standard Oil Development Company. Removing corrosive sulphur compounds from petroleum oil. 2,110,283; Mar. 8.
- Archibald, Francis M., Elizabeth, and H. G. Schneider, Roselle, N. J., assignors to Standard Alcohol Company. Secondary alcohol production. 2,109,004; Feb. 22.
- Archibald, Francis M., Elizabeth, and H. G. Schneider, Roselle, N. J., assignors to Standard Alcohol Company. Ethers from reactive acid liquor. 2,131,030; Sept. 27.
- Archibald, Frederick R. (See Hubler, W. G., and Archibald.)
- Archibald, John W. (See Jolly, C., Archibald, and Solomon.)
- Arcturus Development Company. (See Glauber, John J., assignor.)
- Arcturus Development Company. (See Horn, Clarence A., assignor.)
- Arcturus Development Company. (See Krahll, Walter L., assignor.)
- Ardeo Manufacturing Company. (See Stern, Charles, assignor.)
- Ardecor (Products) Limited. (See Wraal, Sverre F., assignor.)
- Ardelt, Robert, Eberswalde, near Berlin, Germany. Mold for centrifugal casting. 2,130,726; Sept. 20.
- Arden, Elizabeth, Sales Corporation. (See Lewis, Florence N., assignor.)
- Arden, Thomas R., Baldwin, N. Y., assignor to Ultrad Products, Incorporated. Electric flashlight. 2,137,230; Nov. 22.
- Arehart, David D., assignor to Palace Travel Coach Corporation, Flint, Mich. Motor vehicle trailer. 2,134,351; Oct. 25.
- Arett, Charles. (See Hastings, G. S., and Arett.)
- Arena, Hector J. (See Glaimo, Basilio, assignor.)
- Arena, Urbano P. (See Hoy, E. K., and Arena.)
- Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Lighting fixture. 2,105,447; Jan. 11.
- Arenco Machine Company. (See Anderson, Gustav, assignor.)
- Arend, Nelson A., Cleveland Heights, Ohio, assignor to General Electric Company, New York, N. Y. Display device. 2,129,519; Sept. 6.
- Arens, Charles A., Chicago, Ill. Control mechanism. 2,132,919; Oct. 11.
- Aresco Company Inc. (See Chandler, Daniel L., assignor.)
- Arey, Fred C., Oak Park, Ill., and D. E. Hibner, Jr., Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Soot blowing apparatus for air preheaters. 2,109,855; Mar. 1.
- Ariens Company. (See Ariens, Mando, assignor.)
- Ariens, Mando, assignor to Ariens Company, Brillion, Wis. Rotary pulverizer. 2,129,298; Sept. 6.
- Aristoc Limited. (See Ball, George, assignor.)



- Arkansas Company. (See Cook, A. A., and Valjavec, assignors.)
- Arkell, Bartlett, and D. M. McBean, Canajoharie, N. Y.; said McBean assignor to said Arkell. Traffic regulating system. 2,142,040; Dec. 27.
- Arkell Safety Bag Company. (See Robinson, Francis T., assignor.)
- Arkley, William, Surrey Hills, Victoria, Australia. Speed controlling mechanism for vehicles. 2,113,974; Apr. 12.
- Arlavox Manufacturing Company. (See Paredes, Walter J., assignor.)
- Arlington Mills. (See Spring, Walter M., assignor.)
- Arma Engineering Co. (See Davis, Arthur P., assignor.)
- Arma Engineering Co. (See Foss, Clifton T., assignor.)
- Armbruster, John W., Brooklyn, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating and accounting machine. 2,116,653; May 10.
- Armbruster, R. H., Mfg. Co. (See Frazee, Frank D.)
- Armbruster, W. C. (See Frazee, Frank D., assignor.)
- Armentrout, Arthur L., Santa Maria, and E. B. Hall, Los Angeles, assignors, by mesne assignments, to Security Engineering Co., Inc., Whittier, Calif. Method and apparatus for testing wells. 2,138,057; Nov. 29.
- Armentrout, Arthur L., and R. W. Gудie, Los Angeles, Calif. Cementing plug. 2,141,370; Dec. 27.
- Armett, George A., A. P. Black, and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Measuring yarn in pirn and like winding apparatus. 2,131,086; Sept. 27.
- Armington, Arthur P., deceased, Willoughby, by The Euclid Road Machinery Company, Euclid, Ohio, assignee. Resilient connection. Re. 20,837; Aug. 30.
- Armington, Arthur P., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Yieldable mount means. 2,128,216; Aug. 30.
- Armington, Arthur P., deceased, Willoughby; K. S. Armington, executrix, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Running gear. 2,141,165; Dec. 27.
- Armington, Katherine S., executrix. (See Armington, Arthur P.)
- Armitage, Joseph B. (See Pohl, W. M., and Armitage.)
- Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine. 2,115,058; Apr. 26.
- Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Cutter grinder. 2,118,912; May 31.
- Armor, Brady S., and J. J. Walsh, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Design embossed high luster finish material. 2,131,882; Oct. 4.
- Armor, Horace F., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Footwear and sole material therefor. 2,121,678; June 21.
- Armour, Aileen, Los Angeles, Calif. Seat cabinet for automobiles. 2,136,407; Nov. 15.
- Armour and Company. (See Conquest, Victor, assignor.)
- Armour and Company. (See Harrington, Bertie S., assignor.)
- Armour and Company. (See Harwood, James, assignor.)
- Armour and Company. (See Keil, Harvard L., assignor.)
- Armour and Company. (See Morris, Charles E., assignor.)
- Armour and Company. (See Pool, William O., assignor.)
- Armour and Company. (See Ralston, Anderson W., assignor.)
- Armour and Company. (See Ralston, A. W., and Bauer, assignors.)
- Armour and Company. (See Ralston, A. W., and Christensen, assignors.)
- Armour and Company. (See Ralston, A. W., and Pool, assignors.)
- Arms, Leland J., San Francisco, Calif. Soap holder and applicator. 2,127,901; Aug. 23.
- Armstrong, Otto W., Jackson Heights, N. Y., assignor, by mesne assignments, to Auditorium Conditioning Corporation, Jersey City, N. J. Method of and apparatus for ventilating. 2,112,685; Mar. 29.
- Armstrong, Addison C. (See Sargent, A., and Armstrong.)
- Armstrong-Blum Mfg. Co. (See Blum, George J., assignor.)
- Armstrong, Clifford H., assignor to Copes Regulators Limited, London, England. Valve. 2,105,681; Jan. 18.
- Armstrong Cork Company. (See Clark, Ralph R., assignor.)
- Armstrong Cork Company. (See Gaenzle, Luther E., assignor.)
- Armstrong Cork Company. (See Kaufman, Walter F., assignor.)
- Armstrong, Edwin H., New York, N. Y. Radio signaling system. 2,104,011; Jan. 4.
- Armstrong, Edwin H., New York, N. Y. Multiplex radio signaling system. 2,104,012; Jan. 4.
- Armstrong, Edwin H., New York, N. Y. Radio receiving system. 2,116,501; May 10.
- Armstrong, Edwin H., New York, N. Y. Radio receiving system. 2,116,502; May 10.
- Armstrong, Edwin H., New York, N. Y. Frequency changing system. 2,122,461; July 5.
- Armstrong, Edwin H., New York, N. Y. Radio transmitting system. 2,130,172; Sept. 13.
- Armstrong, Frank H., Chicago, Ill., assignor to Cardox Corporation. Indestructible release mechanism for blasting cartridges. 2,122,706; July 5.
- Armstrong, Fullerton G. G., Beverley, England. Suspension arrangement for road vehicles. 2,117,588; May 17.
- Armstrong, Fullerton G. G., Beverley, England. Suspension arrangement for road vehicles. 2,117,589; May 17.
- Armstrong, Fullerton G. G., Beverley, East Yorkshire, England. Suspension arrangement for road vehicles. 2,117,590; May 17.
- Armstrong, Fullerton G. G., Beverley, England. Hydraulic shock absorber or other damping means. 2,117,643; May 17.
- Armstrong, Fullerton G. G., assignor to Armstrong's Patents Company Limited, Beverley, East Yorkshire, England. Hydraulic shock absorber or the like damping means. 2,117,644; May 17.
- Armstrong, Fullerton G. G., assignor to Armstrong's Patents Company Limited, Beverley, East Yorkshire, England. Hydraulic shock absorber or the like damping means. 2,117,645; May 17.
- Armstrong, Fullerton G. G., assignor to Armstrong's Patents Company Limited, Beverley, East Yorkshire, England. Hydraulic shock absorber or the like damping means. 2,117,646; May 17.
- Armstrong, George C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulator. 2,111,540; Mar. 22.
- Armstrong, George C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time delay relay. 2,111,541; Mar. 22.
- Armstrong, George C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time delay relay. 2,111,542; Mar. 22.
- Armstrong, George C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay. 2,111,543; Mar. 22.
- Armstrong, George C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time limit control. 2,111,550; Mar. 22.
- Armstrong, George C., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Magnetic motor. 2,111,551; Mar. 22.
- Armstrong, Harry G., Fairfield, Ohio. First aid kit. 2,120,234; June 14.
- Armstrong, Jessie, et al. (See Armstrong, Norval H., assignor.)
- Armstrong, Levi B., Great Neck, assignor to The Lundie Engineering Corporation, New York, N. Y. Rail supporting and securing means. 2,133,912; Oct. 18.
- Armstrong, Norval H., Seminole, assignor of one-fourth to J. Armstrong, one-fourth to E. E. Cox, Snomac, and one-fourth to H. R. Clay, Snomac, Okla. Tubing drain. 2,128,520; Aug. 30.
- Armstrong Paint & Varnish Works. (See Gray, Jesse L., assignor.)
- Armstrong, Paul R., Quincy, Ill. Can washer. 2,119,306; May 31.
- Armstrong, Percy A. E. (See Rogers, Raymond R., assignor.)
- Armstrong Siddeley Motors Limited. (See Fell, Louis F. R., assignor.)
- Armstrong Siddeley Motors Limited. (See Towns, Herbert L., assignor.)
- Armstrong Siddeley Motors Limited. (See Towns, H. L., and Cutler, assignors.)
- Armstrong, Sir W. G., Whitworth & Co. (Engineers) Limited. (See Bokenmiller, Alfred, assignor.)
- Armstrong, Sir W. G., Whitworth Aircraft Limited. (See Lloyd, John, assignor.)
- Armstrong, Victor C., Short Hills, N. J., assignor, by mesne assignments, to Poor & Company. Rail clamp for meeting ends of rails. 2,119,147; May 31.
- Armstrong, Victor C., Short Hills, N. J., assignor to Poor & Company, New York, N. Y. Tie plate and rail clip combination. 2,140,217; Dec. 13.
- Armstrong, Walter R., Sr., New Orleans, La. Signal device. 2,108,187; Feb. 15.
- Armstrong Whitworth Securities Company. (See Kadenacy, Michel, assignor.)
- Armstrong's Patents Company. (See Armstrong, Fullerton G. G., assignor.)
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Mfg. Co. Material distributor and spreader. 2,116,503; May 10.
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Manufacturing Company. Material distributor and spreader. 2,116,612; May 10.
- Arndt, Kurt, Detroit, Mich. Airplane refueling system. 2,131,610; Sept. 27.
- Arndt, Paul, Los Angeles, Calif. Label pasting and lifting apparatus. 2,133,239; Oct. 11.
- Arndt, Friedrich. (See Klear, A., Arndt, and Berning.)
- Arndt, John P. (See Elckhoff, T. H., and Arndt.)
- Arndt, W. Fred, et al. (See Spelts, George A., assignor.)
- Arnesen, Charlotte A., Chicago, Ill. Contour. 2,104,005; Jan. 5.
- Arnesen, Walter A., New York, N. Y. Ophthalmoscope. 2,134,270; Oct. 25.
- Arness, William B., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Rolling stainless steel and product thereof. 2,118,693; May 24.
- Arness, William B., assignor, by mesne assignments, to Rustless Iron and Steel Corporation of America, Baltimore, Md. Rustless iron. 2,121,001; June 24.



- Arness, William B., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Noncorrodible alloy articles and making same. 2,121,391; June 21.
- Arness, William B., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Rustless iron. 2,140,501; Dec. 20.
- Arnett, Worth, Birmingham, Ala. Calculating machine. 2,111,349; Mar. 15.
- Arnholm, Charles A., Barre, Vt. Body and fender straightener. 2,126,526; Aug. 9.
- Arnold, Albert O. (See Beach, E. E., and Arnold.)
- Arnold, Arthur A. (See Sarfert, H., and Arnold.)
- Arnold, Carl, Nuremberg, Germany. Toy hand grenade. 2,125,979; Aug. 9.
- Arnold, Carl, Nuremberg, Germany. Mechanical toy imitating a calculating horse. 2,135,783; Nov. 8.
- Arnold, Charles H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,131,262; Sept. 27.
- Arnold, Charles H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,141,332; Dec. 27.
- Arnold, Charles H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,141,333; Dec. 27.
- Arnold, Charles T. (See Dreher, O. G., and Arnold.)
- Arnold, Clarence F., Drexel Hill, Pa. Making a rug fringe. 2,129,636; Sept. 13.
- Arnold, Craig R., Dahlonga, Ga. Electric furnace. 2,122,241; June 28.
- Arnold, Edward F., Metuchen, N. J., and M. J. Callahan, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Solid-gelled oil composition and preparing same. 2,120,083; June 7.
- Arnold, Forest J., Antioch, Ill. Bus clamp. 2,134,849; Nov. 1.
- Arnold, George A. (See Williams, L. W., and Arnold.)
- Arnold, Henry W., and C. Badger, assignors to The Lamb Glass Company, Mount Vernon, Ohio. Glass press. 2,116,921; May 10.
- Arnold, Herrick R., Elmhurst, and W. A. Lazier, New Castle County, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of carboxylic acids, their esters and anhydrides. 2,116,552; May 10.
- Arnold, Herrick R., and C. H. Greenewalt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenating polynuclear aromatic ketones. 2,125,412; Aug. 2.
- Arnold, Howard P., Rockland, Mass. Elastic power transmission belt. 2,109,717; Mar. 1.
- Arnold, James B., and R. P. Perkins, assignors to The Dow Chemical Company, Midland, Mich. Alkylation of phenols. 2,140,782; Dec. 20.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Cigarette lighter. 2,132,771; Oct. 11.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighting mechanism. 2,134,497; Oct. 25.
- Arnold, Luther B., Jr. (See Lenher, S., and Arnold.)
- Arnold, Luther B., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Wetting agent with mildew-proofing properties. 2,110,074; Mar. 1.
- Arnold, Max, New York, N. Y. Permanent waving appliance. 2,105,069; Jan. 11.
- Arnold, Robert B. (See Moore, W., and Arnold.)
- Arnold, Robert B., Stonewall Courts, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Nicotine composition. 2,120,225; June 14.
- Arnold, Samuel, 3rd, Pittsburgh, Pa., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Remelting scrap metal. 2,119,262; May 31.
- Arnold, William F., Mount Vernon, assignor to Cornell-Dubilier Corporation, New York, N. Y. Impregnating electric condensers. 2,125,413; Aug. 2.
- Arnt, Herald P., assignor to The Artisan Company, Litchfield, Mich. Vegetable slicer. 2,110,836; Mar. 8.
- Arntzen, Bernard E., Chicago, Ill. Emergency conveyance. 2,138,826; Dec. 6.
- Aro Equipment Corporation, The. (See Eastman, Ivan L., assignor.)
- Aronel Corporation, The. (See Ehbrecht, Adolf, assignor.)
- Aronberg, Lester, Chicago, Ill. Marking material. 2,141,965; Dec. 27.
- Aronsohn, S. J., Inc. (See Meyers, George R., assignor.)
- Aronson, Louis V. (See Bernhardt, Karl, assignor.)
- Aronson, Louis V., Newark, N. J. Flame producing mechanism. 2,104,965; Jan. 11.
- Aronson, Louis V., Newark, N. J. Pyrophoric lighting mechanism. 2,111,522; Mar. 15.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighting mechanism. 2,104,964; Jan. 11.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighting mechanism. 2,107,658; Feb. 8.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighter arrangement. 2,111,523; Mar. 15.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Lighter. 2,111,524; Mar. 15.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighting mechanism. 2,113,975; Apr. 12.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Combined pyrophoric lighter and cigarette container. 2,116,963; May 10.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Flame-producing mechanism. 2,118,692; May 24.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighting mechanism. 2,120,226; June 14.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Pyrophoric lighting mechanism. 2,137,521; Nov. 22.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighting mechanism. 2,140,277; Dec. 13.
- Aronstein, Jacob, New York, N. Y. Vanity case. 2,128,737; Aug. 30.
- Arp, Ewald A., Minneapolis, Minn. Machine to bend or twist connecting rods. 2,134,773; Nov. 1.
- Arpels, Salomon (dit Charles), assignor to Société Van Cleef & Arpels, Paris, France. Jewel ornamented with stones. 2,119,067; May 31.
- Arpin, Leonard G., and A. J. Bedwell, Fort Lauderdale, Fla. Curling device. 2,137,828; Nov. 22.
- Arragg, George M., Lawrence, Mass. Oiling device for dead spindles. 2,140,613; Dec. 20.
- Arras, George, Chicago, Ill. Lighting fixture. 2,111,085; Mar. 15.
- Arras, George, Chicago, Ill. Lighting fixture. 2,118,833; May 31.
- Arrow-Hart & Hegeman Electric Company, The. (See Bentley, Robert H., assignor.)
- Arrow-Hart & Hegeman Electric Company. (See Guett, Monroe, assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Guett, M., and Bentley, assignors.)
- Arrow-Hart & Hegeman Electric Company, The. (See Johnson, David W., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Lorenz, Charles H., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Schleicher, Harold E., assignor.)
- Arrow-Hart & Hegeman Electric Company. (See Schleicher, H. E., and Guett, assignors.)
- Arrow Manufacturing Company. (See Guttman, John, assignor.)
- Arroyo, Rafael, Rio Piedras, P. R., assignor, by mesne assignments, to The Lummus Company, New York, N. Y. Producing butanol and acetone by fermentation of molasses. 2,113,471; Apr. 5.
- Arroyo, Rafael, Rio Piedras, P. R., assignor, by mesne assignments, to The Lummus Company, New York, N. Y. Fermentation agent. 2,113,472; Apr. 5.
- Artcraft Silk Hosiery Mills, Inc. (See Richter, E. F., and Garrett, assignors.)
- "Arthel" (Société d'Exploitation des brevets Jacques Arthuys). (See Arthuys, Jacques M., assignor.)
- Arthur, Furman C., Oakmont, and J. B. Barnitt, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum bronze powder. 2,125,870; Aug. 9.
- Arthur, Glenn J., Davenport, Iowa. Folding chair. 2,131,722; Oct. 4.
- Arthur, James F., Dickson, Pa. Cutting device. 2,120,960; June 21.
- Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition control apparatus. 2,107,266; Feb. 8.
- Arthur, James L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Control apparatus for engine starters. 2,112,059; Mar. 22.
- Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ball bearing timer distributor. 2,125,368; Aug. 2.
- Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Vacuum control of spark advance. 2,131,020; Sept. 27.
- Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,132,092; Oct. 4.
- Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition distributor. 2,133,413; Oct. 18.
- Arthur, James L., and D. L. Hittle, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,125,367; Aug. 2.
- Arthur, James L., and W. Thompson, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Ignition timer. 2,131,019; Sept. 27.
- Arthur, Philip E. (See Fickett, E. L., Forman, and Arthur.)
- Arthurs, Biddle, Jr., Pittsburgh, Pa. Multiple switch structure. 2,114,989; Apr. 26.
- Arthurs, David C., and J. A. Guyer, assignors to Mt. Vernon Car Mfg. Co., Mount Vernon, Ill. Refrigerator vehicle. 2,137,766; Nov. 22.
- Arihuys, Jacques M., New York, N. Y., assignor to "Arthel" (Société d'Exploitation des brevets Jacques Arthuys), Paris, France. Automatic heliostat. 2,135,997; Nov. 8.
- Artisan Company, The. (See Arnt, Herald P., assignor.)



- Artistic Lamp Manufacturing Company. (See Perlmutter, Henry A., assignor.)
- Artloom Corporation. (See Hilbert, Otto F., assignor.)
- Art Metal Construction Company. (See Attwood, Charles E., assignor.)
- Art Metal Construction Company. (See Gronberg, Victor, assignor.)
- Art Metal Construction Company. (See Jones, James R., assignor.)
- Art Metal Construction Company. (See Jones, J. R., and Gronberg, assignors.)
- Art Metal Construction Company. (See Williams, Julian C., assignor.)
- Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
- Art Metal Works, Inc. (See Meyer, Frederick, assignor.)
- Art-O-Graphic Printing Company. (See Durup, Paul H., assignor.)
- Arton, John A., Chicago, Ill. Convertible furniture. 2,111,415; Mar. 15.
- Art Rattan Works. (See Ferreira, C. E., and McAbee, assignors.)
- Artsay, Nicholas C., Valhalla, assignor to Foster Wheeler Corporation, New York, N. Y. Heating. 2,115,548; Apr. 26.
- Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Oscillator. 2,113,365; Apr. 5.
- Artzt, Maurice, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Direct-current amplifier. 2,123,924; July 19.
- Artzt, Maurice, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Recording apparatus. 2,131,547; Sept. 27.
- Arutunoff, Armais, Bartlesville, Okla. Gas separator for pumps. 2,104,339; Jan. 4.
- Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Making insulating tubes. 2,129,256; Sept. 6.
- Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Switch. 2,140,149; Dec. 13.
- Arver, Joseph F., assignor to J. F. Arver and H. E. Ruttenberg, Co-partners, doing business as Hidstitch Company, St. Paul, Minn. Blind-stitch attachment for sewing machines. 2,126,715; Aug. 16.
- Arverson, Maurice H., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon resin process. 2,125,872; Aug. 9.
- Arvey Corporation. (See Gearson, Ralph J., assignor.)
- Arveyware Corporation. (See Blum, Jerome J., assignor.)
- Arvidius, Svante P., Motala, Sweden. Automatic gramophone. Re. 20,819; Aug. 9.
- Arvin, James A., and G. L. Schwartz, assignor to Krafelt Corporation of America, Wilmington, Del. Floor covering. 2,121,679; June 21.
- Arvin, James A., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions. 2,121,680; June 21.
- Arvin, Marion J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Variable resistance device. 2,132,594; Oct. 11.
- Arzberger, Cornelius F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of butyl alcohol by fermentation. 2,139,108; Dec. 6.
- Asai, Hitoshi, Tokyo, Japan. Fountain pen packing. 2,139,218; Dec. 6.
- Asakawa, Yukichi, Tokyo, Japan. Apparatus for manufacturing luster-free rayon. 2,108,361; Feb. 15.
- Asanger, Jacob, Hollywood, Calif. Billboard. 2,118,543; May 24.
- Asbridge, Harry H., Moss Lane, Ashton-on-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadheath, near Altrincham, England. Grinding wheel truing device. 2,130,711; Sept. 20.
- Asbury, Charles T., Elkins Park, Pa. Liquid vaporizing device. 2,122,333; June 28.
- Asbury, Charles T., Elkins Park, Pa. Gas and liquid contacting apparatus. 2,122,334; June 28.
- Asbury, Stanley, St. Paul, Minn. Tractor draw and hitch. 2,118,544; May 24.
- Asch, Werner, Frankfurt-on-the-Main-Hochst, H. Janz, Bad Soden-on-the-Taunus, W. Fense and A. Voss, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tanning agents. 2,136,997; Nov. 15.
- Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake construction. 2,105,176; Jan. 11.
- Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum. 2,107,229; Feb. 1.
- Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel construction. 2,107,925; Feb. 8.
- Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel construction. 2,118,694; May 24.
- Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming brake drums or like structures. 2,120,595; June 14.
- Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel. 2,141,457; Dec. 27.
- Ash, Park W. (See Fluor, J. S., Jr., and Ash.)
- Ash, Thomas, Jr., Los Angeles, Calif. Aerodynamic rotor. 2,120,168; June 7.
- Ash, Thomas, Jr., Los Angeles, Calif. Gyrotory airplane wing. 2,108,245; Feb. 15.
- Ashbaugh, John H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,951; Oct. 25.
- Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,116,999; May 10.
- Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,129,982; Sept. 13.
- Ashby, Francis C., assignor to Frank Ashby and Sons Limited, Birmingham, England. Steering wheel. 2,128,069; Aug. 23.
- Ashby, Frank, and Sons Limited. (See Ashby, Francis C., assignor.)
- Ashdown, H. E. (Birmingham) Limited. (See Snell, Alfred G., assignor.)
- Ashdown, Kenneth T., Drexel Hill, and V. L. Cox, Philadelphia, Pa., assignors to General Electric Company. Electric switch gear. 2,117,130; May 10.
- Ashe Manufacturing Corporation. (See Berry, Warren H., assignor.)
- Ashe, Marselius T., Garden City, N. Y. Frame for advertising cards. 2,106,203; Jan. 25.
- Ash Grove Lime & Portland Cement Co. (See Frolich, A. K., and Lundteigen, assignors.)
- Ashjean, A. Ted, et al. (See Wohlfarth, Walter W., assignor.)
- Ashkenas, Abraham, Sierra Madre, Calif. Extension table. 2,119,000; May 31.
- Ashley, Arthur W., Houston, Tex. Tank construction. 2,123,035; July 6.
- Ashley, Carlyle M., Summit, assignor to Carrier Corporation, Newark, N. J. Adsorption air conditioning system. 2,134,544; Oct. 25.
- Ashley, Carlyle M., Summit, and S. F. Shawhan, Maplewood, assignors, by mesne assignments, to Carrier Corporation, Newark, N. J. Air conditioning apparatus. 2,140,305; Dec. 13.
- Ashley, Frank M., Great Kills, Staten Island, N. Y., assignor to L. Gompers, trustee. Pipe and pipe filter. 2,108,423; Feb. 15.
- Ashley, Frank M., Great Kills, Staten Island, N. Y., assignor to L. Gompers, trustee. Pipe prop. 2,115,696; May 3.
- Ashley, Frank M., Great Kills, N. Y., assignor to L. Gompers, trustee. Inkstand. 2,115,697; May 3.
- Ashley, Frank M., Great Kills, assignor to L. Gompers, trustee, New York, N. Y. Inkstand. 2,119,307; May 31.
- Ashley, Frank M., Great Kills, assignor to L. Gompers, trustee, New York, N. Y. Inkstand. 2,119,308; May 31.
- Ashley, Frank M., Great Kills, assignor to L. Gompers, trustee, New York, N. Y. Fountain pen. 2,121,239; June 21.
- Ashley, Frank M., Great Kills, assignor to Lewis Gompers, trustee, New York, N. Y. Fountain pen. 2,124,280; July 19.
- Ashley, Frank M., Great Kills, Staten Island, assignor to L. Gompers, New York, N. Y., as trustee. Spectacles. 2,129,458; Sept. 6.
- Ashley, Frank M., Great Kills, Staten Island, N. Y., assignor to L. Gompers, as trustee. Pipe and filter therefor. 2,132,141; Oct. 4.
- Ashley, Frank M., Great Kills, Staten Island, N. Y., assignor to L. Gompers, as trustee. Pipe for smoking tobacco. 2,132,142; Oct. 4.
- Ashley, Frank M., Great Kills, Staten Island, N. Y., assignor to L. Gompers, as trustee. Pipe for tobacco. 2,132,143; Oct. 4.
- Ashley, Merwin F., et al. (See Grant, Albert E., assignor.)
- Ashman, David B., Baltimore, Md. Cutting machine knife sharpener and standard protector. 2,119,769; June 7.
- Ashton, D. G., et al., receivers. (See Abrams, Horace M., assignor.)
- Ashton, Ernest W., Ottawa, Ontario, Canada, assignor to Industrial Patents Corporation, Chicago, Ill. Branding device. 2,137,891; Nov. 22.
- Ashton, Philip E., Meriden, Conn. Cigar lighter. 2,126,710; Aug. 16.
- Ashton, Philip E., and S. L. Wolfson, Meriden, Conn., said Wolfson assignor to said Ashton. Electric cigar lighter. 2,135,270; Nov. 1.
- Ashton Valve Company, The. (See Baker, H. S., and Motherwell, assignors.)
- Ashton, William H. (See Chambers, Leslie A., assignor.)
- Ashworth, Fred, Wenham, and L. S. Curtin, Malden, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of moccasin type shoes. 2,139,713; Dec. 13.
- Ashworth, Handel, Malverne, N. Y. Choke valve control. 2,121,392; June 21.
- Ashworth, Harry E., Wilkinsburg, assignor to The Union Relay & Signal Company, Swissvale, Pa. Thermal relay. 2,114,895; Apr. 19.
- Askanla Werke A. G. (See von Menatzenfel, Gert, assignor.)



- Askania-Werke A. G. (See Schuchardt, H., and von Manteuffel, assignors.)
- Askania-Werke A. G. (See Ziebolz, Herbert, assignor.)
- Askania-Werke A. G. (See Ziebolz, H., and Velten, assignors.)
- Askania-Werke A. G. vormalis Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. (See Blasig, Kurt, assignor.)
- Askania-Werke A. G. vormalis Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. (See Haalck, Hans, assignor.)
- Askania-Werke A. G. vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Möller, Waldemar, assignor.)
- Askania-Werke A. G. vormalis Centralwerkstatt Dessau und Carl Bamberg-Friedenau. (See von Manteuffel, Gert Z., assignor.)
- Askania-Werke A. G. vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Wunsch, Guido, assignor.)
- Askania-Werke A. G. vormalis Central Werkstatt, Dessau und Carl Bamberg-Friedenau. (See Wunsch, G., and Hartung, assignors.)
- Askania-Werke A. G., vormalis Centralwerkstatt Dessau und Carl Bamberg-Friedenau. (See Wunsch, G., and von Manteuffel, assignors.)
- Askania-Werke A. G. vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Wunsch, H., and Gerisch, assignors.)
- Aske, Irving E., Muskegon, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Cylinder head and combustion chamber for internal combustion engines. 2,133,131; Nov. 29.
- Askin, Morris W., Washington, D. C., assignor of one-half to D. Brussell, Philadelphia, Pa. Lamp shade adapter. 2,123,582; July 12.
- Askue, Albert R., Mentor on the Lake, Ohio. Conduit rod. 2,135,487; Nov. 8.
- Asmussen, Heinrich, Berlin-Steglitz, and J. Riess, Berlin, Germany, assignors to General Electric Company. Method of and apparatus for severing into lengths coiled filament wire. 2,107,926; Feb. 8.
- Asmussen, Heinrich, Berlin-Steglitz, and H.-N. von Funcke, Berlin-Halensee, Germany, assignors to General Electric Company. Electric incandescent lamp. 2,142,072; Dec. 27.
- Aspenburg, Charles A., Wildwood, N. J. Trawl net. 2,137,663; Nov. 22.
- Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,129,520; Sept. 6.
- Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. 2,129,521; Sept. 6.
- Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,141,285; Dec. 27.
- Asper, Orson E., Lorenzo, Idaho. Thawing attachment for the hose connections and radiator of an internal combustion engine. 2,137,231; Nov. 22.
- Asprooth, Axel H. (See Anglada, J. A., and Asprooth.)
- Assbroicher, Heinz, Hanover-Kleefeld, and K. Huff, Hanover-Herrenhausen, assignors to Continental Gummi-Werke Aktiengesellschaft, Hanover, Germany. Making molds. 2,120,881; June 14.
- Asselin, Arthur N., Fall River, Mass. Valve. 2,137,561; Nov. 22.
- Asselin, Arthur N., Fall River, Mass. Liquid level controlling valve. 2,141,807; Dec. 27.
- Asselin, James H., Chicago, Ill. Railway crossing. 2,132,008; Oct. 4.
- Associated Electric Laboratories, Inc. (See Bakker, Pier, assignor.)
- Associated Electric Laboratories, Inc. (See Calhoun, Free, assignor.)
- Associated Electric Laboratories, Inc. (See Cox, Irvin W., assignor.)
- Associated Electric Laboratories, Inc. (See Crocker, T. F., Saunders, and Lomax, assignors.)
- Associated Electric Laboratories, Inc. (See Ffolliott, Charles F., assignor.)
- Associated Electric Laboratories, Inc. (See Gohorel, Fernand P., assignor.)
- Associated Electric Laboratories, Inc. (See Golay, Marcel J. E., assignor.)
- Associated Electric Laboratories, Inc. (See Johnson, Leith, assignor.)
- Associated Electric Laboratories, Inc. (See Levy, Oscar C., assignor.)
- Associated Electric Laboratories, Inc. (See Lomax, Clarence E., assignor.)
- Associated Electric Laboratories, Inc. (See Lomax, C. E., and Voss, assignors.)
- Associated Electric Laboratories, Inc. (See Mercer, Richard, assignor.)
- Associated Electric Laboratories, Inc. (See Martin, T. G., and Lomax, assignors.)
- Associated Electric Laboratories, Inc. (See Miller, Merton R., assignor.)
- Associated Electric Laboratories, Inc. (See Nelson, Martin L., assignor.)
- Associated Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)
- Associated Electric Laboratories, Inc. (See Ostline, John E., assignor.)
- Associated Electric Laboratories, Inc. (See Peterson, Seth E., assignor.)
- Associated Electric Laboratories, Inc. (See Phebus, William C., assignor.)
- Associated Electric Laboratories, Inc. (See Pye, Harold C., assignor.)
- Associated Electric Laboratories, Inc. (See Robinson, Harold C., assignor.)
- Associated Electric Laboratories, Inc. (See Sands, Roy G., assignor.)
- Associated Electric Laboratories, Inc. (See Saunders, Norman H., assignor.)
- Associated Electric Laboratories, Inc. (See Saunders, N. H., and Fowler, assignors.)
- Associated Electric Laboratories, Inc. (See Sigo, Arthur T., assignor.)
- Associated Electric Laboratories, Inc. (See Smith, Howard H., assignor.)
- Associated Electric Laboratories, Inc. (See Voss, John H., assignor.)
- Associated Electric Laboratories, Inc. (See Wicks, John, assignor.)
- Associated Electric Laboratories, Inc. (See Willis, Bernard D., assignor.)
- Associated Manufacturers' Agency. (See Hawes, Henry F., assignor.)
- Associated Metals & Minerals Corporation et al. (See Hyde, R. W., and Cromwell, assignors.)
- Associated Patents, Inc. (See De Vlieg, Charles B., assignor.)
- Associated Patents, Inc. (See Graves, B. P., and Bennett, assignors.)
- Associated Telephone & Telegraph Company. (See Baker, G. T., and McClew, assignors.)
- Associated Telephone & Telegraph Company. (See Burns, George A., assignor.)
- Associated Telephone & Telegraph Company. (See Saxby, Robert N., assignor.)
- Associated Telephone and Telegraph Company. (See Roseby, Philip N., assignor.)
- Associated Telephone & Telegraph Company. (See Taylor, R., and Baker, assignors.)
- Associated Telephone and Telegraph Company. (See Taylor, R., and Mason, assignors.)
- Associated Telephone and Telegraph Company. (See Woodland, C. R., and Rhodes, assignors.)
- Association of American Soap & Glycerine Producers, Inc. (See Hoover, Kenneth H., assignor.)
- Aston, Robert J., Pittsburgh, Pa. Paper file. 2,133,182; Oct. 11.
- Aston, Robert J., Pittsburgh, Pa. Washboard. 2,127,800; Aug. 23.
- Astrom, Carl P., East Orange, N. J. Ladle. 2,107,267; Feb. 8.
- Astrove, Joseph, assignor to Tidy Products Corporation, New York, N. Y. Infant's garment. 2,131,248; Sept. 27.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Cooling unit for refrigerating machines. 2,109,986; Mar. 1.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Partition assembly for freezing trays. 2,136,226; Nov. 8.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Partition element for freezing trays. 2,112,060; Mar. 22.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Evaporator for refrigerating machines. 2,118,637; May 24.
- Ateliers de Constructions Electriques de Charleroi. (See Renaud, Constant, assignor.)
- Ateliers de Constructions Electriques, de Delle. (See Saudicocur, Louis J., assignor.)
- Ateliers de Constructions Mecaniques C. & A. Holweg. (See Holweg, Charles, assignor.)
- Ateliers Neyret-Beylier & Piccard-Picket. (See Danel, Pierre F., assignor.)
- Ateliers Neyret-Beylier & Piccard-Pictet. (See Danel, P. F., assignor.)
- Aten Sewage Disposal Co. (See Aten, Theodore, assignor.)
- Aten, Theodore, Floral Park, assignor to Aten Sewage Disposal Co., Inc., New York, N. Y. Tank and the like. 2,134,651; Oct. 25.
- Athens, Pierre, Hollywood, Calif. Hair waving device. 2,109,632; Mar. 1.
- Atherton, Howard B., Chicago, Ill., assignor to P. H. Joyce and L. M. Walter, as trustees of Chicago Great Western Railroad Company. Transportation apparatus. 2,128,667; Aug. 30.
- Athey Truss Wheel Co. (See Kuchar, Joseph, assignor.)
- Atby, Lawrence F. (See McCollum, E. V., and Atby.)
- Atkins, E. C., and Company. (See Gommel, Dewey E., assignor.)
- Atkins, E. C., & Company. (See Thatcher, Edward E., assignor.)
- Atkins, George E., Glen Ridge, N. J., assignor of one-half to A. I. Abrahams, New York, N. Y. Regulating apparatus and system. 2,113,869; Apr. 12.
- Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Battery box. 2,117,692; May 17.



- Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter projector. 2,136,602; Nov. 15.
- Atkins, Samuel F., assignor to The Northwest Paper Company, Cloquet, Minn. Paper towel. 2,130,375; Sept. 20.
- Atkinson, Charles L., Cynthiana, Ky. Wall cleaning apparatus. 2,127,051; Aug. 16.
- Atkinson, John F., and C. E. Brown, Harrisonville, Mo., assignors, by mesne assignments, to International Filter Co. Apparatus for aerating liquids. 2,115,188; Apr. 26.
- Atkinson, R. O., et al. (See Warner, Robert L. L., assignor.)
- Atkinson, Ralph W., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Metal extrusion press and operation. 2,107,846; Feb. 8.
- Atkinson, Ralph W., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Electrical conductor. 2,125,869; Aug. 9.
- Atkinson, Sidney. (See Taylor, M. K., and Atkinson.)
- Atkinson, Vernon L., West Caldwell, N. J., and C. W. Foster, Paris, France, assignors to Standard Oil Development Company. Process and apparatus for indirect heat transfer between two liquid materials. 2,119,091; May 31.
- Atlanta Paper Company. (See Cummings, Fred E., assignor.)
- Atlantic Carton Corporation. (See Whitehead, Earl B., assignor.)
- Atlantic Coast Fisheries Company, The. (See Taylor, H. F., and Cooke, assignors.)
- Atlantic Products Corporation. (See Cart, Theodore S., assignor.)
- Atlantic Refining Company, The. (See Brownscombe, Eugene R., assignor.)
- Atlantic Refining Company, The. (See Butz, John G., assignor.)
- Atlantic Refining Company, The. (See Ehlers, Carl H., assignor.)
- Atlantic Refining Company, The. (See Ferris, Seymour W., assignor.)
- Atlantic Refining Company, The. (See Ferris, S. W., and Birkhimer, assignors.)
- Atlantic Refining Company, The. (See Ferris, S. W., and Cowles, assignors.)
- Atlantic Refining Company, The. (See Griesinger, William K., assignor.)
- Atlantic Refining Company, The. (See Lipkin, David, assignor.)
- Atlantic Refining Company, The. (See Marks, Ernest M., assignor.)
- Atlantic Refining Company, The. (See Roberts, Oscar L., assignor.)
- Atlantic Refining Company, The. (See Reuter, Raymond, assignor.)
- Atlantic Refining Company, The. (See Smith, L. B., Funsten, and Field, assignors.)
- Atlantic Refining Company, The. (See Van Dyke, John W., assignor.)
- Atlantic Research Associates, Inc. (See Atwood, Francis C., assignor.)
- Atlantic Research Associates, Inc. (See Menaker, Arnold J., assignor.)
- Atlantic Service Company. (See Schaefer, Adolph O., assignor.)
- Atlas Ago, Chemische Fabrik A. G. (See Closman, Adolf, assignor.)
- Atlas-Ago, Chemische Fabrik, Aktiengesellschaft. (See Schaefer, Hans, assignor.)
- Atlas Floor Surfacing Machinery Corp. (See Okun, Nathaniel N., assignor.)
- Atlas Bolt & Screw Company, The. (See Schellentrager, Eugene W., assignor.)
- Atlas Copper & Brass Mfg. Co. (See Woodruff, Harry L., assignor.)
- Atlas Drop Forge Company. (See Buckingham, Norris R., assignor.)
- Atlas Heating & Ventilating Co. Ltd. (See Fanning, Erroll C., assignor.)
- Atlas Meat Appliances Co. (See Bullard, J. O., and Fouch, assignors.)
- Atlas Mineral Products Company, The. (See Payne, Claron R., assignor.)
- Atlas Plywood Corporation. (See Muller, Robert A., assignor.)
- Atlas Powder Company. (See Brown, Kenneth R., assignor.)
- Atlas Powder Company. (See Bucy, Edmund H., assignor.)
- Atlas Powder Company. (See Goepp, Rudolph M., Jr., assignor.)
- Atlas Powder Company. (See Huyett, Daniel D., assignor.)
- Atlas Powder Company. (See Mont, Harry L., assignor.)
- Atlas Powder Company. (See Power, James T., assignor.)
- Atlas Powder Company. (See Goepp, Rudolph M., Jr., assignor.)
- Atlas Powder Company. (See Harrison, Leander H., assignor.)
- Atlas Powder Company. (See Power, J. T., and Brown, assignors.)
- Atlas Powder Company. (See Slusser, James E., assignor.)
- Atlas Press Company. (See Collins, James G., assignor.)
- Atlas Specialty Co. (See Herzberg, Gustav, assignor.)
- Atlas Steel Barrel Corporation. (See Campbell, R., and Proctor, assignors.)
- Atlas Steel Barrel Corporation. (See Proctor, John R., assignor.)
- Atlas Underwear Company, The. (See Harwood, Asa J., assignor.)
- Atlee, Zed J. (See Gross, M. J., and Atlee.)
- Atno, Henry T. (See Hooper, J. E., and Atno.)
- Attenhofer, Adolf, Zurich, Switzerland. Ski attaching device. 2,106,110; Jan. 18.
- Atti, Raphael, Union City, N. J., assignor to Francis H. Richards, Inc., New York, N. Y. Printing apparatus. 2,124,179; July 19.
- Atlee, Zed J. (See Gross, M. J., and Atlee.)
- Attwood, Charles E., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Blanking, notching, and scoring sheets. 2,141,121; Dec. 20.
- Attwood, John G., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Jig. 2,132,380; Oct. 11.
- Atwell, Clarence A. (See Hill, C. F., Jones, and Atwell.)
- Atwell, Corbin S., St. Petersburg, Fla. Boat. 2,108,574; Feb. 15.
- Atwell, Harold V., White Plains, N. Y., assignor to Standard Oil Company, Chicago, Ill. Propane treating in cracking systems. 2,108,636; Feb. 15.
- Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,109,875; Mar. 1.
- Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbons. 2,118,288; May 24.
- Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oil. 2,125,234; July 26.
- Atwell, Harold V., White Plains, assignor to Process Management Company Inc., New York, N. Y. Treatment of hydrocarbon gases. 2,125,235; July 26.
- Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Production of motor fuel. 2,130,662; Sept. 20.
- Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbon oils. 2,133,240; Oct. 11.
- Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbons. 2,134,322; Oct. 25.
- Atwood A. Harlow. (See Hummer, Esle B., assignor.)
- Atwood, Edward P., assignor to Durkee-Atwood Company, Minneapolis, Minn. Clear vision shield. 2,111,350; Mar. 15.
- Atwood, Francis C., Newton, Mass., assignor, by mesne assignments, to Atlantic Research Associates, Inc. Grinding machine. 2,128,226; Aug. 30.
- Atwood, Harry N., South Lyndeboro, N. H. Composite structural unit and making the same. 2,126,711; Aug. 16.
- Atwood, James T., Rockford, Ill., and D. E. Crabb, Detroit, Mich., assignors to Atwood Vacuum Machine Company, Rockford, Ill. Seat slide assembly. 2,129,637; Sept. 13.
- Atwood, James T., and L. C. Smith, Rockford, Ill. Hinge. 2,122,831; July 5.
- Atwood, Leroy J., San Antonio, Tex. Metal feeder for type casting machines. 2,125,265; Aug. 2.
- Atwood Machine Company, The. (See Dunklee, Elmer R., assignor.)
- Atwood Machine Company, The. (See Gordon, William R., assignor.)
- Atwood Machine Company, The. (See Schautz, W. L., and Lewis, assignors.)
- Atwood Machine Company, The. (See Taylor, Howard W., assignor.)
- Atwood, Rawson, assignor to Decorated Metal Manufacturing Co. Inc., Brooklyn, N. Y. Spool. 2,140,729; Dec. 20.
- Atwood Vacuum Machine Company. (See Atwood, J. T., and Crabb, assignors.)
- Atwood Vacuum Machine Company, The. (See Lustig, Walter R., assignor.)
- Atwood, Warren H. (See Wylie, C. A., and Atwood.)
- Azz, Frederick W., Jr., Philadelphia, Pa., assignor to Link Belt Company, Chicago, Ill. Electrical control system. 2,139,489; Dec. 6.
- Au Carl H., Washington, D. C. Recorder. 2,108,077; Feb. 15.
- Auban, P61x, Paris, France. Packing for ground coffee. 2,110,012; Mar. 1.
- Aubert, Hermenegilde, Saint Adele, Quebec, Canada. Ski clamp. 2,133,883; Oct. 18.
- Aubert, Léandre, St. Adele, Quebec, Canada. Ski clamping device. 2,107,195; Feb. 1.
- Aubitz, Edward C., assignor to G. G. G. Metal Stamping Company, Warren, Pa. Mop connector. 2,146,333; May 3.
- Auburn Automobile Company. (See Snow, Herbert C., assignor.)
- Auburn Foundry Inc. (See Brennan, Charles G., assignor.)
- Auckland, William, Seattle, Wash. Glass tube cutter. 2,125,804; Aug. 9.



- Auden, Harold A., Banstead, and H. P. Staudinger, Epsom, England, assignors to E. Berl, Pittsburgh, Pa. Manufacture of cellulose esters. 2,110,642; Mar. 8.
- Auden, Harold A., Banstead, and P. Eaglesfield, Sutton, England, assignors to Standard Brands Incorporated, New York, N. Y. Drying of yeast. 2,111,201; Mar. 15.
- Auden, Harold A., Banstead, H. P. Staudinger, Epsom, and P. Eaglesfield, Carshalton, England, assignors to E. Berl, Pittsburgh, Pa. Treatment of cellulose triacetate. 2,121,899; June 28.
- Auditorium Conditioning Corporation. (See Armspach, Otto W., assignor.)
- Auditorium Conditioning Corporation. (See Baker, Irving C., assignor.)
- Auditorium Conditioning Corporation. (See Chester, Thomas, assignor.)
- Auditorium Conditioning Corporation. (See Crawford, Robert B. P., assignor.)
- Auditorium Conditioning Corporation. (See Hunicke, Clarence C., assignor.)
- Audley Engineering Company Limited. (See Leach, Robert W., assignor.)
- Audubon Wire Cloth Corporation. (See Guba, Raymond J., assignor.)
- Audubon Wire Cloth Corporation. (See Guba, Raymond A., assignor.)
- Auer, George A. (See Garner, F. G., and Auer.)
- Auer, George A. (See Wright, Joseph L., assignor.)
- Auer, Laszlo, Budapest, Hungary, assignor to J. R. Newman, Washington, D. C. Manufacture of modified organic isocolloid materials. 2,106,708; Feb. 1.
- Auerhahn, Albert. (See Stadler, R., and Auerhahn.)
- Augenstein, Henry E., New York, N. Y. Cuff link. 2,129,640; Sept. 13.
- Auger, Charles W., Sefton Park, Liverpool, England. Toy or game apparatus. 2,131,496; Sept. 27.
- Auger, Claude H., Saugus, Mass., assignor to General Electric Company. Butterfly valve. 2,114,168; Apr. 12.
- Auger, Claude H., Saugus, Mass., assignor to General Electric Company. Supercharger arrangement. 2,117,131; May 10.
- Augier, Jean, and P. G. Laurent, Belfort, France, assignors to General Electric Company. Electric valve converting apparatus. 2,136,227; Nov. 8.
- Augustadt, Herbert W., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric filter. 2,106,785; Feb. 1.
- Aukerman, James A., Peru, Ind. Brooder. 2,106,700; Feb. 1.
- Aulbach, Charles J. (See Nickels, W., and Aulbach.)
- Auld, James E., Coconut Grove, Fla. Window operating device. 2,106,369; Jan. 25.
- Aull, Harry, assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Hair net. 2,136,603; Nov. 15.
- Aull, Watson P., St. Louis, Mo. Cigarette ring. 2,109,609; Mar. 1.
- Aulson, Philip G., assignor to The Aulson Tanning Machinery Company, Salem, Mass. Abrading roller. 2,130,409; Sept. 20.
- Aulson Tanning Machinery Company, The. (See Aulson, Philip G., assignor.)
- Ault, Vivian S., Los Angeles, Calif. Face protector for hot air hair driers. 2,124,131; July 19.
- Ault, Waldo C., and C. A. Hochwalt, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Manufacture of Motor fuel. 2,105,464; Jan. 18.
- Ault, Waldo C., and C. A. Hochwalt, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Treating hydrocarbon distillates. 2,131,879; Oct. 4.
- Ault & Wiborg Corporation. (See Rolfe, Clifford J., assignor.)
- Aument, H. Chester, Long Island City, N. Y. Method and apparatus for forming tubes. 2,130,727; Sept. 20.
- Aunger, Edwin F., Escondido, Calif. Oil burning furnace. 2,114,584; Apr. 19.
- Aurelius, Bernard E., et al. (See Olson, Oscar L., assignor.)
- Aurelius, Eugene A., et al. (See Olson, Oscar L., assignor.)
- Aurex Corporation. (See Huth, Walter H., assignor.)
- Aurex Corporation. (See Tittle, Hulbert C., assignor.)
- Aurien, George, Clayton, Mo. Drawing double walled windowpanes. 2,116,297; May 3.
- Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,113,339; Apr. 5.
- Auslander, Henry, New York, N. Y. Sectional cigarette case. 2,105,517; Jan. 18.
- Auslander, Henry, New York, N. Y. Cover for flowerpots and the like. 2,110,981; Mar. 15.
- Aust, Joseph B. (See Martin, H. C., Upper, and Aust.)
- Austenal Laboratories, Inc. (See Merrick, Albert W., assignor.)
- Austenal Laboratories, Inc. (See Prange, C. H., and Zahn, assignors.)
- Austenal Laboratories, Inc. (See Prange, Charles H., assignor.)
- Austenal Laboratories, Inc. (See Zahn, Erich H., assignor.)
- Austhoff, Henry, Grand Rapids, Mich. Cement shingle. 2,127,199; Aug. 16.
- Austin, Alcide J. (See Piro, Philip J., assignor.)
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Surge arrester. 2,108,465; Feb. 15.
- Austin, Bascum O., Forest Hills, and N. H. Wilby, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,128,034; Aug. 23.
- Austin, Bascum O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,134,545; Oct. 25.
- Austin, Benjamin F., East Gastonia, N. C. Burial apparatus. 2,130,056; Sept. 13.
- Austin, Dwight E. (See Strong, W. P., and Austin.)
- Austin, Edward G. (See Austin, Frank and E. G.)
- Austin, Ellsworth W., Cedar Rapids, Iowa. Propeller. 2,116,818; May 10.
- Austin, Ellsworth W., Cedar Rapids, Iowa, assignor, by mesne assignments, to Killefer Manufacturing Corporation. Earth moving device. 2,121,240; June 21.
- Austin, Ellsworth W., assignor to La Plant Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Snow moving device. 2,123,925; July 19.
- Austin, Ellsworth W., assignor to La Plant Choate Manufacturing Company, Inc., Cedar Rapids, Iowa. Snow moving device. 2,137,321; Nov. 22.
- Austin, Ellsworth W., assignor to La Plant Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth moving device. 2,137,829; Nov. 22.
- Austin, Frank and E. G., Fanwood, N. J. Weather strip for windows. 2,131,087; Sept. 27.
- Austin, Frank E., Hanover, N. H. Take-off box for pole vaulting. 2,110,254; Mar. 8.
- Austin, Frederick D., Port Chester, N. Y. Fuse substance and producing same. 2,117,282; May 17.
- Austin, Harry M., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Expansion joint. 2,127,853; Aug. 23.
- Austin, Harvey D., assignor to The Hamlin Metal Products Company, Akron, Ohio. Filter element and making the same. 2,131,004; Sept. 20.
- Austin, Herbert, Bromsgrove, England. Reversing gear for use in the power transmission of vehicles, ships, and the like. 2,109,610; Mar. 1.
- Austin, John P., St. Louis, Mo. Folding optical device. 2,125,871; Aug. 9.
- Austin, Jonathan R., Dayton, Ohio, and D. R. Berlin, Eggertsville, N. Y. Emergency balancing means. 2,117,234; May 10.
- Austin, Miner M., Highland Park, Ill., assignor to Fansteel Metallurgical Corporation. Tantalum recovery. 2,107,277; Feb. 8.
- Austin, Paul R., and F. J. McCall, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing phthalide. 2,114,696; Apr. 19.
- Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenating 5-nitrophthalide. 2,130,480; Sept. 20.
- Austin, Walter M., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,109,226; Feb. 22.
- Austin, Wendell F., Medford, Mass. Oil burner apparatus. 2,111,202; Mar. 15.
- Austin, William, Canterbury, England. Vehicle actuated means for opening and/or closing doors and gates. 2,120,084; June 7.
- Auten, Claude I., R. D. Snodgrass, and W. F. Schultz, assignors to Truscon Steel Company, Youngstown, Ohio. Grid or grating structure. 2,114,773; Apr. 19.
- Auto Research Corporation. (See Bijur, Joseph, assignor.)
- Auto Research Corporation. (See Kocher, Edward H., assignor.)
- Auto Research Corporation. (See Moore, George L., assignor.)
- Auto Union A. G. (See Slaby, Rudolf, assignor.)
- Auto Union Aktiengesellschaft. (See Siebler, Oscar, assignor.)
- Auto Union Aktiengesellschaft. (See Venediger, Herbert J., assignor.)
- Autocall Company, The. (See Harrington, James R., assignor.)
- Autocar Company, The. (See Bachman, Benjamin R., assignor.)
- Autocar Company, The. (See Hillman, Roscoe H., assignor.)
- Autogas Corporation. (See Dufour, Raymond J., assignor.)
- Autogas Corporation. (See Furlong, Francis A., assignor.)
- Autogas Corporation. (See Janisch, Maximilian P., assignor.)
- Autogiro Company of America. (See Bennett, J. A. J., and Hodgess, assignors.)
- Autogiro Company of America. (See Bennett, James A. J., assignor.)
- Autogiro Company of America. (See Campbell, Harris S., assignor.)
- Autogiro Company of America. (See de la Cierva, Juan, assignor.)
- Autogiro Company of America. (See Larsen, A. E., and Stanley, assignors.)
- Autogiro Company of America. (See Larsen, Agnew E., assignor.)
- Autogiro Company of America. (See Page, George A., assignor.)



- Autogiro Company of America. (See Pitcairn, Harold F., assignor.)
- Autogiro Company of America. (See Stanley, Paul H., assignor.)
- Autogiro Company of America. (See Synnestvedt, Kenneth P., assignor.)
- Autographic Register Company. (See Brenn, Carl W., assignor.)
- Autographic Register Company. (See Johnson, Arthur A., assignor.)
- Autographic Register Company. (See Schmelz, Charles F., assignor.)
- Autokraft Box Corporation. (See Myers, Chester G., assignor.)
- Automatic Coinwrapping Machine Corporation. (See Seemel, Bruno E., assignor.)
- Automatic Cone Valve Company. (See Goldberg, David D., assignor.)
- Automatic Control Corporation. (See Persons, Lawrence M., assignor.)
- Automatic Devices Corporation. (See Cohen, Joseph H., assignor.)
- Automatic Devices, Inc. (See Jameson, Charles M., assignor.)
- Automatic Devices Corporation. (See Johnson, Arthur A., assignor.)
- Automatic Drive Transmission Company. (See Brehm, Paul H., assignor.)
- Automatic Drive & Transmission Company. (See Haupt, William E., assignor.)
- Automatic Drive & Transmission Company. (See Lewis, Robert P., assignor.)
- Automatic Drive & Transmission Company. (See Morton, W. D., and Haupt, assignors.)
- Automatic Drive & Transmission Company. (See Padgett, Joseph E., assignor.)
- Automatic File & Index Company. (See Rickaby, Roland M., assignor.)
- Automatic Guns, Incorporated. (See Hoagland, R. W., and Shepherd, assignors.)
- Automatic Instrument Company. (See Andres, Lloyd J., assignor.)
- Automatic Instrument Company. (See Green, Clifford H., assignor.)
- Automatic Instrument Company. (See Olson, Phillip W., assignor.)
- Automatic Instrument Company. (See Yeider, Harry A., assignor.)
- Automatic Machinery Corporation. (See Crouch, Richard H., assignor.)
- Automatic Motor Stop and Start, Inc. (See Good, John, assignor.)
- Automatic Press Appliance Company. (See Hale, Jackson T., assignor.)
- Automotive Products Company Limited. (See Clench, Edward C. S., assignor.)
- Automotive Products Company. (See Johnson, Roy W., assignor.)
- Automotive Products Company. (See Johnson, R. W., and Wetzel, assignors.)
- Automotive Products Company. (See McCarty, Lourdes V., assignor.)
- Automatic Shifters, Inc. (See Hey, Henry W., assignor.)
- Automatic Shifters, Inc. (See Nampa, Sulo M., assignor.)
- Automatic Signal Corporation. (See Barker, J. L., and Wilcox, assignors.)
- Automatic Signal Corporation. (See Buechel, Francis J., Jr., assignor.)
- Automatic Signal Corporation. (See Eames, Edward H., assignor.)
- Automatic Signal Corporation. (See Nein, W. C., and Varley, assignors.)
- Automatic Signal Corporation. (See Roth, Samuel C., assignor.)
- Automatic Telephone & Electric Company. (See Renshaw, Alfred P. B., assignor.)
- Automatic Telephone & Electric Company. (See Renshaw, A. P. B., and Proist, assignors.)
- Automatic Telephone & Electric Company Limited. (See Proist, Thomas P., assignor.)
- Automatic Telephone & Electric Company Limited. (See Renshaw, Percy B., assignor.)
- Automatic Telephone & Electric Company Limited. (See Shipson, Lancelot M., assignor.)
- Automatic Telephone & Electric Company Limited. (See Smith, Sidney R., assignor.)
- Automatic Telephone & Electric Company Limited. (See Wright, Denis, assignor.)
- Automatic Temperature Control Company. (See Macgeorge, William D., assignor.)
- Automatic Temperature Control Co. (See Wilhelm, Christian, assignor.)
- Automatic Truck Loader Corporation. (See Goodman, Joseph, assignor.)
- Automatic Unit Corporation. (See Dearing, Lester V., assignor.)
- Automatic Voting Machine Corporation. (See Gustavson, Alvin N., assignor.)
- Automobile Club of Southern California. (See Daig, Don S., assignor.)
- Automobile Ventilation, Inc. (See Roethel, John H., assignor.)
- Automotive Devices Corporation. (See Farrell, Joseph E., assignor.)
- Automotive Devices Incorporated. (See Flint, Forrest F. T., assignor.)
- Automotive Equipment, Inc. (See Hennecke, Earle V., assignor.)
- Automotive Improvement Patents Corporation. (See Burtnett, Everett R., assignor.)
- Automotive Maintenance Machinery Co. (See Gallivan, John E., assignor.)
- Automotive Maintenance Machinery Co. (See Sharp, John H., assignor.)
- Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
- Automotive Products Company Limited. (See Brock, D. T., and Trapp, assignors.)
- Automotive Products Company Limited. (See Brown, Francis V., assignor.)
- Automotive Products Company Limited. (See Brown, F. V., and Onwood, assignors.)
- Automotive Products Company Limited. (See Clench, Edward C. S., assignor.)
- Automotive Products Company Limited. (See Trapp, George J., assignor.)
- Autopoint Company. (See Dell, Frank C., assignor.)
- Autoxygen Inc. (See Kokatnur, Vaman R., assignor.)
- Autoxygen, Inc. (See Kokatnur, V. R., and Plantinga, assignors.)
- Avant, William V., South Miami, Fla. Weeding tool. 2,134,070; Oct. 25.
- Avedikian, Souren Z., New York, N. Y. Tobacco and method of treating tobacco. 2,131,160; Sept. 27.
- Aversa, Joseph. (See Wallace, Joseph, assignor.)
- Avery, Alfred H., Malden, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Knife lubricating device. 2,105,393; Jan. 11.
- Avery, Alfred H., Malden, Mass., assignor, by mesne assignments of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Marking machine. 2,132,981; Oct. 11.
- Avery, Clarence W., Detroit, Mich. Vehicle body and chassis construction. 2,119,193; May 31.
- Avery, Clarence W., assignor to The Murray Corporation of America, Detroit, Mich. Apparatus for preparing trim panels. 2,125,480; Aug. 2.
- Avery Engineering Company. (See Avery, L. T., and Lenane, assignors.)
- Avery-Hardoll Limited. (See Fraser, John, assignor.)
- Avery, Henry A., and J. P. Barkdoll, Groton, assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,134,097; Oct. 25.
- Avery, Henry C., West Springfield, Mass., assignor to The Osmo Garden Company, Philadelphia, Pa. Pot or container. 2,140,932; Dec. 20.
- Avery, Howard W., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Method and apparatus for lapping seals. 2,135,633; Nov. 8.
- Avery, Julian M., Greenwich, Conn., assignor to Arthur D. Little, Inc., Cambridge, Mass. Operating blast furnaces. 2,131,031; Sept. 27.
- Avery, Lester T., Shaker Heights, and H. Lenane, Enclid Village, assignors to Avery Engineering Company, Cleveland, Ohio. Apparatus for conditioning air. 2,107,268; Feb. 8.
- Avery, Omer G. (See Norris, R. V., and Avery.)
- Avery, Rubie A., Hot Springs, Ark. Vehicle brake. 2,139,646; Dec. 6.
- Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Roller mounting for printing presses. 2,138,779; Nov. 29.
- Avery, W. & T. Limited. (See Page, Alfred E., assignor.)
- Avey, Albert F., Vienna, Ga. Telescreen. 2,120,590; June 14.
- Avey Drilling Machine Company, The. (See McKee, G. K., and Bernitt, assignors.)
- Aviation Manufacturing Corporation. (See Ayer, Robert W., assignor.)
- Aviation Manufacturing Corporation. (See Gehret, Edward F., assignor.)
- Aviation Manufacturing Corporation. (See Hackethal, Paul F., assignor.)
- Aviation Manufacturing Corporation. (See Hoffman, S. K., and Wiegman, assignors.)
- Aviation Manufacturing Corporation. (See Lampton, Glen T., assignor.)
- Aviation Manufacturing Corporation. (See Manchester, Mitchell W., assignor.)
- Aviation Manufacturing Corporation. (See Preston, C. L., and Hamill, assignors.)
- Avigdor, Rifat, Berlin, Germany. Locking device for preventing accidental loosening of separable screwed pipe joints. 2,133,841; Oct. 18.
- Avondor, Rital, Berlin, Germany. Fuel pump. 2,139,571; Dec. 6.
- Ayres, Jack, Staten Island, assignor of one-half to J. F. Rider, New York, N. Y. Measurement of electrical constants of tuned circuits. 2,141,230; Mar. 13.
- Ayer, Samuel W. (See Becker, F. A., and Ayer.)
- Accordetto, Evaristo, New York, N. Y. Aurora anklet. 2,114,097; Apr. 13.
- Avorto, Lucio, Rome, Italy, assignor to Aerostazione Avorio Società in Accomandita Semplice. Suspension of parachutes. 2,112,061; Mar. 23.



- Awbrey, Samuel C., Kansas City, Mo. Furring structure. 2,109,520; Mar. 1.
- Awbrey, Samuel C., Kansas City, Mo. Dividing bar. 2,127,709; Aug. 23.
- Awig, Frank H., Cleveland, Ohio. Nut tapper. 2,115,452; Apr. 26.
- Axe, Roy T., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window frame and sash unit. 2,107,773; Feb. 8.
- Axe, Roy T., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Sash holder mechanism. 2,107,774; Feb. 8.
- Axe, Roy T., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window construction. 2,107,775; Feb. 8.
- Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,114,896; Apr. 19.
- Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window structure for vehicles. 2,115,698; May 3.
- Axelrad, Bernard A., Freeport, Tex., assignor, by mesne assignments, to Freeport Sulphur Company. Process of, conditioning, and re-use of mine bleed water in mining sulphur. 2,109,611; Mar. 1.
- Axelrod, E. G. (See Keefer, Harry P., assignor.)
- Axelsson Manufacturing Co. (See Bucklein, Frank P., assignor.)
- Axelstrom, Raymond E. (See Stephens, John, assignor.)
- Axtmann, Harold G. (See Horn, H. J., and Axtmann.)
- Axtmann, Harold G., River Grove, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,111,503; Mar. 15.
- Axtmann, Harold G., Dearborn, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,137,522; Nov. 22.
- Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can filling machine. 2,104,445; Jan. 4.
- Ayars, Harry D., Philadelphia, Pa. Dispensing device. 2,123,223; July 12.
- Ayars Machine Company. (See Ayars, Charles H., assignor.)
- Ayer, Louis H. (See Trembley, George E., assignor.)
- Ayer, Robert W., Wayne, Mich., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Tail wheel structure. 2,110,543; Mar. 8.
- Ayers, Augustine R. (See Ploen, C. W., and Ayers.)
- Ayers, Elmer C. (See Edwards, Cecil R., assignor.)
- Ayers, Fred L., Watertown, Mass., assignor to Brown Company, Berlin, N. H. Facilitating placing of sole members and the shaping of shoe counters. 2,129,112; Sept. 6.
- Ayers, Fred L., Watertown, Mass., assignor to Brown Company, Berlin, N. H. Shoe counter manufacture. 2,131,832; Oct. 4.
- Ayers, Joseph W., assignor to C. K. Williams & Co., Easton, Pa. Black oxide of iron and making the same. 2,133,267; Oct. 18.
- Ayers, Joseph W., assignor to C. K. Williams & Co., Easton, Pa. Production of iron oxide and zinc sulphate. 2,139,109; Dec. 6.
- Ayers, Joseph W., assignor to C. K. Williams & Co., Easton, Pa. Explosive. 2,140,447; Dec. 13.
- Ayers Mineral Company, The. (See Crew, Joshua A., assignor.)
- Ayles, William F., Watford, England, assignor to The Turner Tanning Machinery Company, Portland, Maine. Staking and ironing machine. 2,131,833; Oct. 4.
- Ayres, Arthur U., Chestnut Hill, assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal separator. 2,138,468; Nov. 29.
- Ayres, Arthur U., Chestnut Hill, and A. T. Scott, Ardmore, assignors to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal process. 2,138,467; Nov. 29.
- Ayres, Etta, New York, N. Y. Finger nail buffer. 2,132,889; Oct. 11.
- Ayres, Reginald J. (See Gelfer, W. J., and Ayres.)
- Ayres, Waldemar, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Light sensitive device. 2,131,911; Oct. 4.
- B. B. B. Corporation. (See Baumheckel, William M., assignor.)
- B. B. Chemical Co. (See Macdonald, Alexander D., assignor.)
- B and B Shoe Company. (See Golden, Louis J., assignor.)
- B. G. Corporation, The. (See Paulson, George M., assignor.)
- B-L Electric Manufacturing Company. (See Hambuechen, Carl, assignor.)
- B-Roberts, Alfred H., Los Angeles, Calif. Dry vapor generator. 2,118,327; May 24.
- B. S. A. Tools Limited. (See Ogilvie, William, assignor.)
- B. & T. Floor Company. (See Bonnell, William L., assignor.)
- B. V. D. Corporation, The. (See Oppenheim, Austin N., assignor.)
- Baade, Brunolf C., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Louver for railway cars. 2,123,838; July 12.
- Baars, Ernst S. H., assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Oil seal and reservoir construction for compressor crankshafts. 2,133,524; Oct. 18.
- Baas, Edmund J., Rochester, N. Y. Boot tree. 2,105,395; Jan. 11.
- Baasch-Ross Tool Company. (See Brown, Ora A., assignor.)
- Baash, Lawrence F. (See Driscoll, Dennis L., assignor.)
- Baash, Lawrence F., Los Angeles, Calif. Safety joint. 2,113,821; Apr. 12.
- Baash, Lawrence F., and C. H. Hardies, assignors to Baash-Ross Tool Company, Los Angeles, Calif. Control for boring machines. 2,120,386; June 14.
- Baash-Ross Tool Company. (See Baash, L. F., and Hardies, assignors.)
- Baash-Ross Tool Company. (See Fisher, Ralph D., assignor.)
- Baash-Ross Tool Company. (See Johnson, G. D., and Hardies, assignors.)
- Babbitt, Arthur W., Newark, N. J., and J. C. Lewis, Providence, R. I., assignors to The Clark Thread Company, Newark, N. J. Twisting frame. 2,117,870; May 17.
- Babbitt, Edwin V. (See Jones, E. B., and Babbitt.)
- Babcock, Alfred R., Chicago, Ill. Nonrepeating indicator. 2,121,494; June 21.
- Babcock, Dale F., Elmhurst, and J. H. Wernitz, Marshallton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making aldehydes. 2,123,520; July 12.
- Babcock-Davis Corporation. (See Davis, William A., assignor.)
- Babcock, Earl. (See Sellers, W. D., and Babcock.)
- Babcock, Eugene W., Woodlake, Nebr. Air conditioner. 2,121,278; June 21.
- Babcock, George C. (See McArthur, John, assignor.)
- Babcock, George S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Subbing photographic film. 2,110,496; Mar. 8.
- Babcock, George S., assignor to Eastman Kodak Company, Rochester, N. Y. Dispersion of gelatin. 2,126,305; Aug. 9.
- Babcock, Harold J., Cleveland Heights, Ohio. Sterilizing apparatus and method. 2,134,098; Oct. 25.
- Babcock, Lillian. (See Schopbach, C. H., and Babcock.)
- Babcock & Wilcox Company, The. (See Bailey, E. G., and Hardgrove, assignors.)
- Babcock & Wilcox Company, The. (See Bailey, E. G., and Kerr, assignors.)
- Babcock & Wilcox Company, The. (See Beecher, Henry W., assignor.)
- Babcock & Wilcox Company, The. (See Bumstead, Dale, Jr., assignor.)
- Babcock & Wilcox Company, The. (See Cassidy, P. R., Harter, and Kerr, assignors.)
- Babcock & Wilcox Company, The. (See Christensen, M., Plaine, Trainer, and Hodge, assignors.)
- Babcock & Wilcox Company, The. (See Firshing, William M., assignor.)
- Babcock & Wilcox Company, The. (See Gilg, Frank X., assignor.)
- Babcock & Wilcox Company, The. (See Hardgrove, Ralph M., assignor.)
- Babcock & Wilcox Company. (See Hardgrove, R. M., Shellenberger, Heller, and Godshalk, assignors.)
- Babcock & Wilcox Company, The. (See Harter, Isaac, assignor.)
- Babcock & Wilcox Company, The. (See Hollister, S. C., Trainer, and Kehoe, assignors.)
- Babcock & Wilcox Company, The. (See Jacobus, David S., assignor.)
- Babcock & Wilcox Company et al. (See Kernin, Alfred G., assignor.)
- Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
- Babcock & Wilcox Company, The. (See Kohler, Anthony M., assignor.)
- Babcock & Wilcox Company, The. (See Kölling, Johann, assignor.)
- Babcock & Wilcox Company, The. (See Langvand, Ivar L., assignor.)
- Babcock & Wilcox Company, The. (See Lucke, Charles E., assignor.)
- Babcock & Wilcox Company, The. (See Mayo, Dana H. N., assignor.)
- Babcock & Wilcox Company, The. (See Schmidt, Karl C., assignor.)
- Babcock & Wilcox Company, The. (See Smith, Charles S., assignor.)
- Babcock & Wilcox Company, The. (See Stillman, Thomas B., assignor.)
- Babcock & Wilcox Company, The. (See Sullivan, Thomas F., assignor.)
- Babcock & Wilcox Company, The. (See Trainer, James E., assignor.)
- Babcock & Wilcox Company, The. (See Ward, George P., assignor.)
- Babcock & Wilcox Company, The. (See Wilson, Lincoln B., assignor.)
- Babcock & Wilcox Tube Company, The. (See Harter, Isaac, assignor.)
- Babcock & Wilcox Tube Company, The. (See Newell, Harold D., assignor.)
- Babcock & Wilcox Tube Company, The, et al. (See Newell, H. D., and Fleischmann, assignors.)
- Babel, Edward. (See Beauchamp, Harold G., assignor.)



- Babel, Raymond A., Clichy, France, assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,130,868; Sept. 20.
- Babin, Louis A., Dearborn, Mich. Broiler. 2,114,697; Apr. 19.
- Babin, Louis A., Dearborn, Mich. Broiler mechanism. 2,114,698; Apr. 19.
- Babineau, Albert T., Los Angeles, Calif. Energizing floating web for vehicle brakes. 2,139,345; Dec. 6.
- Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,104,446; Jan. 4.
- Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Vacuum pump. 2,104,447; Jan. 4.
- Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,104,448; Jan. 4.
- Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Combined fuel and air pump. 2,139,346; Dec. 6.
- Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,139,347; Dec. 6.
- Bähler, Justus, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation meter. 2,119,194; May 31.
- Babor, Joseph A., New York, N. Y. Manufacturing formed or molded articles. 2,135,554; Nov. 8.
- Babson Bros. (See Babson, Henry B., assignor.)
- Babson Bros. (See Babson, H. B., and Stampen, assignors.)
- Babson, Edmund C. (See Jones, P. H., and Babson.)
- Babson, Henry B., Chicago, Ill., assignor to Babson Bros. Hoisting device. 2,131,133; Sept. 27.
- Babson, Henry B., and C. A. Thomas, Chicago, Ill. Cooler for liquids. 2,131,423; Sept. 27.
- Babson, Henry B., and J. J. Stampen, assignors to Babson Bros., Chicago, Ill. Support for milking machines. 2,136,228; Nov. 8.
- Babson, Roger W., Wellesley, Mass. Parking meter. Re. 20,764; June 14.
- Bach, Emmon. (See de Florez, L., Gray, and Bach.)
- Bach, Ernest A., assignor of one-half to G. Wood, St. Louis, Mo. Flushing mechanism of tanks for water closets. 2,121,241; June 21.
- Bach, Neils P., Geneva, assignor to American Can Company, New York, N. Y. Machine for treating filled containers. 2,128,227; Aug. 30.
- Bach, Neils P., Geneva, assignor to American Can Company, New York, N. Y. Seaming head. 2,130,518; Sept. 20.
- Bach, Niels B., Vestervig, Denmark. Apparatus for clarifying liquors containing suspended and flocculent matter, such as sugar juices, and similar liquors. 2,141,371; Dec. 27.
- Bach, Siegfried, Essen, Germany. Garment support. 2,109,280; Feb. 22.
- Bacharach, Eric W., Kansas City, Mo. Aerating apparatus. 2,130,577; Sept. 20.
- Bacharach Industries Instrument Company. (See Stein, J. A., and Semrau, assignors.)
- Bachardy, Stephen J., Allentown, Pa., assignor to Monex Corporation, New York, N. Y. Change making machine. 2,125,058; July 26.
- Bachardy, Stephen J., Allentown, Pa., assignor to Monex Corporation, New York, N. Y. Change-paying mechanism. 2,125,059; July 26.
- Bachelet, Albert E., Mount Vernon, and S. Brand, Bronxville, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Repeater system. 2,110,284; Mar. 8.
- Bachelet, Henry E., New York, N. Y., and E. S. Gibson, Ridgewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Monitoring circuit for telephone systems. 2,131,578; Sept. 27.
- Bachman, Benjamin B., Philadelphia, assignor to The Autocar Company, Ardmore, Pa. Power transmitting mechanism. 2,118,913; May 31.
- Bachman, Fred E. (See Oelkers, A. H., and Bachman.)
- Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,116,964; May 10.
- Bachmann, Charles, Jackson Heights, N. Y., assignor to Neptune Meter Company. Making thrust rollers for fluid meters. 2,129,257; Sept. 6.
- Bachmann, Frank J., Chicago, Ill. Hydraulic brake equalizer. 2,119,001; May 31.
- Bacher, Ludwig A., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Deck lid support. 2,135,781; Nov. 8.
- Bachrach, Joseph, New York, N. Y. Eraser holder. 2,112,130; Mar. 22.
- Bachrold, Edmond, Whitewood, Saskatchewan, Canada. Tool handle. 2,105,239; Jan. 11.
- Bachigalupi, John and L. Sr., Los Angeles, Calif. Automobile musical instrument. 2,132,905; July 5.
- Bachigalupi, Louis Sr. (See Bachigalupi, John and L. Sr.)
- Back, William E., Oulton Broad, Suffolk, England. Aircraft. 2,112,755; Mar. 29.
- Backer, Jacob P., Jeannette, Pa. Paring knife. 2,126,080; Aug. 6.
- Backer, William, assignor to Swan Cleaners & Furriers, Schenectady, N. Y. Manufacture of coat hangers. Re. 20,814; Aug. 2.
- Backhouse, Headley T., St. Johns Wood, London, England. Automatic sheet feeding machinery. 2,108,702; Feb. 15.
- Backhouse, Headley T., London, England. Multiple ball control. 2,135,206; Nov. 1.
- Backofen, Fritz, Mittweida, Germany. Damping roll for lithographing presses. 2,117,593; May 17.
- Backstay Welt Company. (See Barr, G. G., and Kirchner, assignors.)
- Backstay Welt Company. (See Huffer, Glen H., assignor.)
- Backstay Welt Company. (See MacLeod, William J., assignor.)
- Backstrom, Adolph, Hempstead, N. Y. Brake mechanism. 2,108,467; Feb. 15.
- Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,112,261; Mar. 29.
- Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator. 2,138,132; Nov. 29.
- Backus, Thomas, Jr., Youngstown, Ohio. Delivery skid for piling. 2,127,670; Aug. 23.
- Bacon, Charles J., assignor to The Mounting and Finishing Co., Inc., Brooklyn, N. Y. Display device. 2,125,710; Aug. 2.
- Bacon, Elbridge F., Flint, assignor to General Motors Corporation, Detroit, Mich. Temperature indicator. 2,113,610; Apr. 12.
- Bacon, Elbridge F., Flint, assignor to General Motors Corporation, Detroit, Mich. Remote radio control. 2,128,280; Aug. 30.
- Bacon, Henry M., Warren, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Lug strap. 2,119,479; May 31.
- Bacon, James G., Jr., Bronx, assignor to A. Slesinger, New York, N. Y. Combination baby carriage or crib and playyard. 2,134,904; Nov. 1.
- Bacon, Jay H., Peoria, Ill. Surgical appliance. 2,129,983; Sept. 13.
- Bacon, Leonard B., East Brunswick, Victoria, Australia. Liquid level gauge. 2,117,933; May 17.
- Bacon, Leonard B., East Brunswick, Australia. Drum type indicator. 2,129,984; Sept. 13.
- Bacon, Ross M. (See Groene, W. F., and Bacon.)
- Bacon, Ross M. (See Groene, W. F., Bacon, and Siekman.)
- Bade, Alfred G., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,114,245; Apr. 12.
- Badenhausen, John P., assignor of one-half to Day and Zimmermann, Incorporated, Philadelphia, Pa. Steam generator. 2,107,022; Feb. 1.
- Badenhausen, John P., assignor of one-half to Day and Zimmermann, Incorporated, Philadelphia, Pa. Steam generator. 2,139,348; Dec. 6.
- Bader, Edward G., Inglewood, Calif. Electric razor. 2,116,229; May 3.
- Badertscher, Dana K., assignor to Hudson Motor Car Company, Detroit, Mich. Vacuum controlled transmission. 2,106,292; Jan. 25.
- Badertscher, Darwin E. (See Reiff, O. M., and Badertscher.)
- Badertscher, Darwin E. (See Reiff, O. M., and Badertscher.)
- Badger, Charles. (See Arnold, H. W., and Badger.)
- Badger Meter Manufacturing Company. (See Krueger, Emil M., assignor.)
- Badger Meter Manufacturing Company. (See Miller, Jacob C., assignor.)
- Badlam, Stephen, Rosslyn Farms, Pa. Rolling flat material. 2,139,183; Dec. 6.
- Baeble, Claire M., assignor to The Glenn L. Martin Company, Baltimore, Md. Combined enclosure and detachable member. 2,118,061; May 21.
- Baeckler, Walter Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Fluid irradiating apparatus. 2,139,656; Dec. 13.
- Baeckler, Walter Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Irradiating process and apparatus. 2,139,657; Dec. 13.
- Baehr, Carl G. (See Greist, W. C., and Baehr.)
- Baehr, George B. (See Anderson, C., Baehr, Gay, and Manville.)
- Baehr, Hans, and W. Gross, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt on the Main, Germany. Production of sulphur. 2,123,224; July 12.
- Baehr, Hans, and W. Wenzel, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt on the Main, Germany. Removal of gaseous weak acids from gases containing the same. 2,106,116; Jan. 25.
- Baehr, Hans, Leuna, I. G. Mengelsh. Hends, and W. Wenzel, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt on the Main, Germany. Washing out of weak gaseous acids from gases containing the same. 2,137,602; Nov. 22.
- Baensch, Walter, Mulheim on the Ruhr, Germany, and W. Kephake, Elstertwick, Australia. Manufacturing metal catalysts. 2,112,643; Mar. 29.
- Baer, Abram K., assignor to The Strouse Baer Company, Baltimore, Md. Garment. 2,131,654; Sept. 27.
- Baer, Carl J., Jefferson Barracks, Mo. Marine carrier. 2,131,332; Oct. 25.



- Baer, Harry A. D., Allentown, Pa. Steering wheel table. 2,141,849; Dec. 27.
- Baer, Howard. (See Finnegan, M. J., and Baer.)
- Baer, Howard, Jersey City, N. J., and M. J. Finnegan, New York, N. Y., assignors to Eclipse Aviation Corporation, East Orange, N. J. Aircraft control. 2,115,701; May 3.
- Baer, Howard, Jersey City, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,141,334; Dec. 27.
- Baer, John M., assignor to The Guardite Corporation. Fumigation. 2,128,175; Aug. 23.
- Baer, John M., Chicago, Ill., and E. P. Collins, Little Neck, Long Island, N. Y., assignors of one-half to Guardite Corporation, and one-half to Carbide & Carbon Chemicals Corporation. Fumigation. 2,131,134; Sept. 27.
- Baer, John W., Woodside, Long Island, N. Y., assignor to Condenser Corporation of America, Jersey City, N. J. Closure and connection terminal for electrolytic cells. 2,113,126; Apr. 5.
- Baer, Lawrence E., Attleboro, Mass., assignor to Swank Products, Inc. Suspenders. 2,123,984; July 19.
- Baer, Norman S., Montclair, N. J., assignor to Wilmington Fibre Specialty Company. Cutting stick. 2,120,926; June 14.
- Baerfuss, Hector F., Thun, Switzerland. Hasp fastener for trunks, boxes, and the like. 2,114,098; Apr. 12.
- Baermann, Max, Jr., Cologne, Germany. Releasable permanent magnet holding device. 2,117,132; May 10.
- Baernstein, Malvin A., assignor to National Pigments and Chemical Company, St. Louis, Mo. Cement and making the same. 2,121,557; June 21.
- Baescke, Martin, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Signal transmission. 2,134,850; Nov. 1.
- Baffa, Michael, assignor to Lilly Varnish Company, Indianapolis, Ind. Composition of matter and making same. 2,137,794; Nov. 22.
- Bagby, Charles H., Big Springs, Nebr. Cream and milk cooling can. 2,112,008; Mar. 22.
- Bagdadi, Mary, et al. (See Kadri, Vassaf, assignor.)
- Baginski, Paul E., New York, N. Y. Master curtain lifter. 2,123,622; July 12.
- Bagley, Robert M., Haddonfield, assignor to R. M. Hollingshead Corporation, Camden, N. J. Grease dispensing apparatus. 2,125,258; July 26.
- Bagley, Robert M., Haddonfield, assignor to R. M. Hollingshead Corporation, Camden, N. J. Grease dispensing means. 2,125,259; July 26.
- Bagley, Wallace E., Glenside, assignor to Huck-Gerhardt Company, Inc., Philadelphia, Pa. Closing and locking device for overhead garage door. 2,124,970; July 26.
- Bagley, Wallace E., Glenside, and H. H. Bartel, assignors to Huck-Gerhardt Company, Inc., Philadelphia, Pa. Overhead garage door construction. 2,124,969; July 26.
- Bagnall, Vernon B., East Orange, N. J., assignor to American Telephone and Telegraph Company. Transmission system. 2,109,562; Mar. 1.
- Bagno, Samuel. (See Leventhal, J. F., and Bagno.)
- Bagno, Samuel, New York, N. Y., assignor to L. Barnett. Apparatus and method for determining impedance angles. 2,111,135; Mar. 15.
- Bagno, Samuel, New York, N. Y., assignor, by mesne assignments, to L. A. De Rosa. Pseudo-extension of frequency bands. 2,113,976; Apr. 12.
- Bagno, Samuel J. A. M., New York, N. Y., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Constant impedance attenuator. 2,119,195; May 31.
- Bagnulo, Albert, Courbevoie, France. Polyfuel engine. 2,110,191; Mar. 8.
- Bagpak, Inc. (See Cheatham, Orme E., assignor.)
- Bagshaw, Charles M., and A. Harrington, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoe finishing machine. 2,115,838; May 3.
- Bagshaw, Charles M., and A. Harrington, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoe finishing machine. 2,133,370; Oct. 18.
- Bahan, George F., Charlotte, N. C. Heddle bar locking system for heddle frames and the like. 2,108,095; Feb. 15.
- Bahan, William H., Greenville, S. C. Shuttle box for looms. 2,105,578; Jan. 18.
- Bahan, William H., Greenville, S. C. Bobbin holder. 2,107,847; Feb. 8.
- Bahan, William H., Greenville, S. C. Bobbin holder. 2,119,034; May 31.
- Bahan, William H., Greenville, S. C. Loom sword bearing clamp. 2,139,993; Dec. 13.
- Bahelka, Joseph, Linden, N. J., assignor to Stanco, Inc. Jar cleaning machine. 2,123,594; July 12.
- Bahls, Walter E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Water jacket. 2,121,579; June 21.
- Bahls, Walter E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,128,070; Aug. 23.
- Bahnson Company, The. (See Bahnson, Frederic F., assignor.)
- Bahnson Company, The. (See Marsh, Harry M., assignor.)
- Bahnson, Frederic F., assignor to The Bahnson Company, Winston-Salem, N. C. Humidifier. 2,118,695; May 24.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Splash guard. 2,106,992; Feb. 1.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Brake lever extension. 2,112,804; Mar. 29.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Splash guard for vehicle wheel fenders. 2,124,513; July 19.
- Bahr, Herman E., Doylestown, Wis. Snow plow. 2,112,131; Mar. 22.
- Bahr Starting Gate Corporation. (See Weishaupt, Ernest F., assignor.)
- Bahuaud, Adrien A., Paris, France. Drill grinding machine. 2,133,414; Oct. 18.
- Bailey, Arnold B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System and method of determining distance. 2,120,971; June 21.
- Bailey, Austin, Freehold, N. J., assignor to American Telephone and Telegraph Company. Crystal oscillator receiving system. 2,123,874; July 19.
- Bailey, Austin, Maplewood, and T. A. McCann, Denville, N. J., assignors to American Telephone and Telegraph Company. Telegraph tape comparator. 2,117,052; May 10.
- Bailey, Bruce L. (See Ridgway, R. R., and Bailey.)
- Bailey, Charles W., assignor to Stewart Bros., Lynn, Mass. Counter slashing machine. 2,142,041; Dec. 27.
- Bailey, Charles W., and J. H. Scharffenberg, assignors to Stewart Bros., Lynn, Mass. Counter molding mechanism. 2,111,351; Mar. 15.
- Bailey, Edward A., West Caldwell, N. J., assignor to General Electric Company. Air conditioning system. 2,110,693; Mar. 8.
- Bailey, Edward A., West Caldwell, N. J., assignor to General Electric Company. Reversible thermostatic system. 2,134,498; Oct. 25.
- Bailey, Edward P., Ottawa, Ill. Indoor clothesline fastener. 2,140,663; Dec. 20.
- Bailey, Ervin G., Easton, Pa., and R. M. Hardgrove, Westfield, assignors, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Retaining means for furnace wall blocks. 2,113,569; Apr. 12.
- Bailey, Ervin G., Easton, Pa., and R. M. Hardgrove, Westfield, assignors to The Babcock & Wilcox Company, Newark, N. J. Pulverizer. 2,126,081; Aug. 9.
- Bailey, Ervin G., Easton, Pa., and H. J. Kerr, Westfield, assignors to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,126,862; Aug. 16.
- Bailey, Fred A., Omaha, Nebr. Storm sash ventilator. 2,129,397; Sept. 6.
- Bailey, Frederick W., et al. (See Robinson, Frederick W., assignor.)
- Bailey, George B., Sharon, Mass. Automatic control of the power delivered by internal combustion engines. 2,122,402; July 5.
- Bailey, Henry H., Riverside, Ill., assignor to The Barrett Company, New York, N. Y. Shingle. 2,104,067; Jan. 4.
- Bailey, James R., Austin, Tex., assignor to Union Oil Company, Los Angeles, Calif. Separation and purification of aromatic and non-aromatic nitrogen bases. 2,136,604; Nov. 15.
- Bailey, James, and A. K. Lyle, assignors to Bailey & Sharp Co., Inc., Hamburg, N. Y. Windowpane and making same. 2,121,777; June 28.
- Bailey, John E., Los Angeles, Calif. Amusement device. 2,126,082; Aug. 9.
- Bailey, John J., assignor of one-fourth to I. Alexander, Trenton, N. J., one-fourth to A. A. Colacello, Wichita, Kans., and one-fourth to J. E. Holt, Trenton, N. J. Liquid dispensing device. 2,118,784; May 24.
- Bailey, Joseph W., Louisville, assignor of one-fourth to A. E. Miller, Terre Haute, Ind., and one-half to J. L. Milton, Jefferson County, Ky. Baseball game apparatus. 2,110,902; Mar. 15.
- Bailey Meter Company. (See Dickey, Paul S., assignor.)
- Bailey Meter Company. (See Gorrie, Harvard H., assignor.)
- Bailey Meter Company. (See Hardgrove, Ralph M., assignor.)
- Bailey Meter Company. (See Junkins, Raymond D., assignor.)
- Bailey Meter Company. (See Ryder, John D., assignor.)
- Bailey Meter Company. (See Weaver, Harry E., assignor.)
- Bailey Meter Company. (See Woolley, Rew E., assignor.)
- Bailey, Reginald K., Lawrence, Kans. Breaking down and utilizing the constituents of polyhalite. 2,138,827; Dec. 6.
- Bailey, Richard W., Hale, England, assignor to General Electric Company. Internal combustion engine. 2,133,842; Oct. 18.
- Bailey, Robert L., Glendale, Calif. Rotary steam engine. 2,127,968; Aug. 23.
- Bailey & Sharp Co. (See Bailey, J., and Lyle, assignors.)
- Bailey, Theodore, Miami Beach, Fla. Dispensing unit. 2,141,337; Dec. 27.
- Bailey, Vernon, Washington, D. C. Animal trap. 2,110,389; Mar. 8.
- Bailey, Vivian P., Philadelphia, Pa. Pedal extension. 2,124,100; July 19.



- Bailey, W. J., et al. (See Brandenburg, Harry J., assignor.)
- Bailey, Walter T., Philadelphia, assignor to Stokes and Smith Company, Summerdale, Philadelphia, Pa. Box machine. 2,119,980; June 7.
- Bailey, Warren G., Evanston, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Wax applicator. 2,138,288; Nov. 29.
- Bailey, Warren G., Evanston, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Mop. 2,139,399; Dec. 6.
- Bailey, Warren G., Evanston, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Polishing mop. 2,141,335; Dec. 27.
- Bailey, Warren G., Evanston, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Mop. 2,141,336; Dec. 27.
- Bailey, William J., Beaumont, Tex. Safety wheel for automobiles. 2,126,083; Aug. 9.
- Bailey, William M., White Plains, assignor to Dubilier Condenser Corporation, New York, N. Y. Electrical condenser. 2,130,532; Sept. 20.
- Bailey, William M., Company. (See Bowland, Andrew, assignor.)
- Baile, Alfred J., Wyndmoor, Pa. Rake. 2,137,795; Nov. 22.
- Baillie, Bertham L. (See Simpson, W. H., and Baillie.)
- Baillie, Cecilia, Camden, N. J. Orthopedic appliance. 2,116,095; May 3.
- Baily, Robert W., Philadelphia, Pa. Apparatus for controlling the transmission of vibrations. 2,110,413; Mar. 8.
- Baily, Thaddeus F., Canton, Ohio. Calcining phosphate-bearing materials. 2,121,776; June 28.
- Bain, George W. (See Briant, R. C., and Bain.)
- Bain, William H., Lewiston, Maine. Cushion sole. 2,126,601; Aug. 9.
- Bainbridge, George K., Ripon, Calif. Multiple spout press for plastic material. 2,115,246; Apr. 26.
- Bair, Alfred J. (See Miller, Thomas T., assignor.)
- Baird, Cassius M. C., Chicago, Ill. Fire hose truck. 2,139,484; Dec. 6.
- Baird, Dudley. (See Hartley, H. J., and Baird.)
- Baird, Edgar J., Soda Springs, Idaho. Protective lining for canals. 2,138,366; Nov. 29.
- Baird, Fred J., Toledo, and A. I. Simison, Newark, Ohio, assignors to Owens-Illinois Glass Company. Electrical insulation. 2,133,183; Oct. 11.
- Baird, Lynne D., assignor to Baird Manufacturing Company, Tulsa, Okla. Making taps and dies. 2,110,618; Mar. 8.
- Baird Machine Company, The. (See Lewis, Arthur J., assignor.)
- Baird Manufacturing Company. (See Baird, Lynne D., assignor.)
- Baird, Paul R., Blythe, Calif. Tractor hitch. 2,136,834; Nov. 15.
- Baird, Warren W., assignor of one-fourth to C. W. Vollenweider, Pittsburgh, Pa. Conductor fitting. 2,122,051; June 28.
- Baird, William, Blackley, England, assignor to Imperial Chemical Industries Limited. Quaternary ammonium salts of mercaptopyrenethiazoles. 2,104,068; Jan. 4.
- Baird, William, and J. S. H. Davies, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Accelerator for the vulcanization of rubber. 2,131,210; Sept. 27.
- Baitlinger, Clarence E. (See Sagendorph, F. E., 2nd, and Baitlinger.)
- Bajanova, Elizaveta, New York, N. Y. Apparatus for restoring muscles in infantile paralysis. 2,109,188; Feb. 22.
- Bajon, Adolphe, assignor to Societe Anonyme "Transformateurs de Mesure E. Walter", Gentilly, France. Electric transformer for high tension. 2,107,973; Feb. 8.
- Bake, Louis S., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of lead-sodium alloys. 2,109,005; Feb. 22.
- Bakelaar, John H. (See Carroll, F. M., and Bakelaar.)
- Bakelite Building Products Co. (See Harshberger, Norman P., assignor.)
- Bakelite Building Products Co. (See Harshberger, N. P., and Ochs, assignors.)
- Bakelite Building Products Co. (See Schuh, Charles H., assignor.)
- Bakelite Corporation. (See Bender, Howard L., assignor.)
- Bakelite Corporation. (See Butler, William H., assignor.)
- Bakelite Corporation. (See Courtney, Robert P., assignor.)
- Bakelite Corporation. (See Daniels, Rupert S., assignor.)
- Bakelite Corporation. (See Marshall, Walter R., assignor.)
- Bakelite Corporation. (See Schmidt, John H., assignor.)
- Bakelite Corporation. (See Turkington, Victor H., assignor.)
- Bakelite Corporation. (See Weelands, Johnstone E., assignor.)
- Bakelite Corporation. (See Weiss, J. M., and Downs, assignors.)
- Bakelite Dental Products, Inc. (See Dresch, I. J., and Weith, assignors.)
- Bakely, William T., Beverly, N. J. Textile frame. 2,108,424; Feb. 15.
- Baker, Albert L., Sacramento, Calif. Fan. 2,108,841; Feb. 22.
- Baker, Arthur R., Indianapolis, Ind., assignor, by mesne assignments, to Columbia Carburetor Company. Forming a fuel charge for internal combustion engines. 2,104,013; Jan. 4.
- Baker, Blake, assignor to E. Stonehill, St. Petersburg, Fla. Revolving road map and card holder. 2,120,726; June 14.
- Baker Box Company. (See Curtis, Philip N., assignor.)
- Baker Brush Co. Inc. (See Schick, Joseph, assignor.)
- Baker Castor Oil Company, The. (See Colbeth, Ivor M., assignor.)
- Baker, Chester L. (See Vail, J. G., and Baker.)
- Baker, Charles I., West Hickory, Pa. Water heating and deaerating system. 2,115,453; Apr. 26.
- Baker, Charles L., assignor to J. D. Sheetz, Lancaster, Pa. Machine for forming tubular sheet-material bodies. 2,125,414; Aug. 2.
- Baker, Charles L., assignor to J. D. Sheetz, Lancaster, Pa. Applying closure mouths to bottle bodies. 2,125,415; Aug. 2.
- Baker, Charles L., assignor to J. D. Sheetz, Lancaster, Pa. Device for applying closure bottoms to tubular containers. 2,125,416; Aug. 2.
- Baker, Charles L., assignor to J. D. Sheetz, Lancaster, Pa. Paper milk bottle. 2,125,417; Aug. 2.
- Baker, Charles S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor unloader. 2,112,875; Apr. 5.
- Baker, Charles W., Montclair, N. J. Household refrigerator. 2,114,365; Apr. 19.
- Baker, Charles W., Montclair, N. J. Household refrigerator. 2,122,675; July 5.
- Baker, Chester L., assignor to Philadelphia Quartz Company of California, Ltd., Berkeley, Calif. Crystallization and crystallized products. 2,116,423; May 3.
- Baker, Clarence H. (See De Motte, M. F., and Baker.)
- Baker & Company. (See Colby, Edward A., assignor.)
- Baker & Co. (See Keifel, C. W., and Walsh, assignors.)
- Baker & Company. (See Kiepe, Henry R., assignor.)
- Baker & Company. (See Maulen, Frederick, assignor.)
- Baker, Curt, assignor to Miller Sand Pump Company, Oklahoma City, Okla. Well clean-out tool. 2,127,019; Aug. 16.
- Baker, David B. (See Johnston, E. A., Baker, and Rogers.)
- Baker, David B., Riverside, C. R. Rogers, Oak Park, and N. O. Panzegrav, Chicago, Ill., assignors to International Harvester Company. Fuel tank mounting for tractors. 2,112,876; Apr. 5.
- Baker, David B., Riverside, C. R. Rogers, Oak Park, and N. O. Panzegrav, Chicago, Ill., assignors to International Harvester Company. Crawler tractor with rigid track frames. 2,125,327; Aug. 2.
- Baker, David B., and L. F. Overholt, Riverside, Ill., assignors to International Harvester Company. Cooling systems for engines. 2,136,605; Nov. 15.
- Baker, Dennis R., Richmond, Va. Game. 2,135,421; Nov. 1.
- Baker, Donald J., assignor of one-half to L. C. Baker, Pasadena, and one-half to B. C. Brindley, Los Angeles, Calif. Distance finder. 2,133,241; Oct. 11.
- Baker, Donald R., New York, N. Y., and H. P. Nordmark, Grand Rapids, Mich., assignors to Kay Displays, Inc., New York, N. Y. Display device. 2,120,307; June 14.
- Baker, Earl P., Minneapolis, Minn. Door construction for heating boilers. 2,132,507; Oct. 11.
- Baker, Edward C., and D. W. Manson, Brockton, assignors to D. B. Gurney Company, Whitman, Mass. Tack machine. 2,113,458; Apr. 5.
- Baker, George T. (See Taylor, R., and Baker.)
- Baker, George T., and J. W. McChew, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,133,415; Oct. 18.
- Baker, George W., Chester, Ill. Carburetor. 2,140,948; Dec. 20.
- Baker, Gerald C., assignor to Premier Pabst Corporation, Peoria Heights, Ill. Converting starchy raw materials used in distilling, etc. 2,119,984; June 7.
- Baker, Harry S., Arlington, and J. W. Motherwell, Mettrase, assignors to The Ashton Valve Company, Cambridge, Mass. Humidified gases. 2,137,972; Nov. 22.
- Baker, Herbert K., Kokomo, Ind. Forming expanded metal. 2,107,278; Feb. 8.
- Baker, Hugh R. (See Watson, E., and Baker.)
- Baker, Irving C., York, Pa., assignor, by mesne assignments, to Auditorium Conditioning Corporation, Jersey City, N. J. Air conditioning. Re. 20,944; Dec. 13.
- Baker, Irving H., Rutland, Vt. String releasing means for bows. 2,133,650; Oct. 18.
- Baker, James H., Green Island, assignor to Behr Manufacturing Corporation, Troy, N. Y. Making abrasive belts. 2,130,754; Sept. 20.
- Baker, Job D., Gilbertville, Mass., assignor to Sullivan Machinery Company. Punching mechanism. 2,106,160; Jan. 25.
- Baker, John B. (See Slusser, H. R., and Baker.)
- Baker, John B. (See Wooster, E., and Baker.)
- Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Double row roller bearing. 2,128,668; Aug. 30.



- Baker, John B., and H. R. Slusser, assignors to The Timken Roller Bearing Company, Canton, Ohio. Multiple-row taper roller bearing. 2,130,258; Sept. 13.
- Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Quick starting vapor motor. 2,129,638; Sept. 13.
- Baker, Lewis B., assignor of thirty per cent to J. J. Yeater and thirty per cent to K. G. Gauglitz, St. Louis, Mo. Door hinge. 2,130,663; Sept. 20.
- Baker, Loretta C., et al. (See Baker, Donald J., assignor.)
- Baker, Louis S., Parlin, I. H. Morgan, South River, and R. J. Quaid, Sayreville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process of nitrating cellulose. 2,105,627; Jan. 18.
- Baker, Marie, Salem, Oreg. Closure for collapsible tubes. 2,138,992; Dec. 6.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Forming connecting means for ophthalmic mountings. 2,104,503; Jan. 4.
- Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)
- Baker Oil Tools, Inc. (See Baker, R. C., and Burt, assignors.)
- Baker Oil Tools, Inc. (See Baker, R. C., and Mellin, assignors.)
- Baker Oil Tools, Inc. (See Burt, Clarence E., assignor.)
- Baker Oil Tools, Inc. (See Ragan, T. M., and Burt, assignors.)
- Baker, Oswald A., San Gabriel, Calif. Parachute. 2,104,966; Jan. 11.
- Baker, Pauline, et al. (See Clary, Charles A., assignor.)
- Baker Perkins Company. (See Engels, Eugene O., assignor.)
- Baker Perkins Company. (See Guggenheim, Max M., assignor.)
- Baker Perkins Company. (See Thürling, Hermann, assignor.)
- Baker Perkins Limited. (See Tanqueray, David Y. B., assignor.)
- Baker Perkins Limited. (See Whitefield, Bernard, assignor.)
- Baker, Ralph B., Mount Prospect, Ill. Furniture construction. 2,127,710; Aug. 23.
- Baker-Raulang Company, The. (See Hawkins, Paul E., assignor.)
- Baker-Raulang Company. (See Remde, Edward H., assignor.)
- Baker-Raulang Company, The. (See Stahl, Edward J., assignor.)
- Baker-Raulang Company, The. (See Stoner, Frank, assignor.)
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Drill collar float valve for well drilling strings. 2,117,533; May 17.
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Well cementing device. 2,117,534; May 17.
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Guide and wash-down shoe for well casings. 2,117,537; May 17.
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Cement retainer and bridge plug for well casings. 2,121,002; June 21.
- Baker, Reuben C., Coalinga, and C. E. Burt, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Wire line operated cement retainer and bridge plug. 2,117,535; May 17.
- Baker, Reuben C., Coalinga, and O. A. Mellin, Alameda, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Valve structure for well casings and tubing. 2,117,536; May 17.
- Baker, Richard O., assignor to G. T. Fulford Company Limited, Toronto, Ontario, Canada. Dispensing container for tablets and the like. 2,133,651; Oct. 18.
- Baker, Robert E., and C. L. Amburn, assignors to Glascock Brothers Mfg. Co., Muncie, Ind. Coin-controlled bottle dispenser. 2,114,246; Apr. 12.
- Baker, Robert S., Detroit, Mich. Saw guide. 2,135,488; Nov. 8.
- Baker, Roy C., Denver, Colo. Insulating terminal for neon tubes. 2,120,480; June 14.
- Baker, Scott F., Jamestown, N. Y. Adjustable speed control device. 2,130,578; Sept. 20.
- Baker, Solomon F., assignor to Patent Developers, Inc., Detroit, Mich. Tandem axle unit and suspension therefor. 2,116,484; May 3.
- Baker, Solomon F., assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Dual axle unit. 2,116,486; May 3.
- Baker, Stephen D., Eau Gallie, Fla. Lawn sprinkler. 2,141,077; Dec. 20.
- Baker, Virgil P. (See Hall, E. B., Baker, and Booth.)
- Baker, Webster E. B., Lock Haven, Pa. Paper and process for the manufacture of paper. 2,106,709; Feb. 1.
- Baker, Wedworth V., Detroit, Mich. Vertical conveyer oven. 2,110,352; Mar. 8.
- Baker, William H., Montreal, Quebec, Canada. Loom. 2,123,595; July 12.
- Bakke, Hans A., Swampscott, Mass., assignor to General Electric Company. Electric meter mounting. 2,105,396; Jan. 11.
- Bakke, Hans A., Swampscott, Mass., assignor to General Electric Company. Sealing device for meters. 2,118,638; May 24.
- Bakke, Hans A., Swampscott, Mass., assignor to General Electric Company. Electric meter mounting. 2,126,602; Aug. 9.
- Bakker, Arjen, The Hague, and H. C. A. Van Duuren, Noordwijkerhout, Netherlands, assignors to Radio Corporation of America. Type printing telegraph system with means for eliminating interference. 2,119,196; May 31.
- Bakker, Pier, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,133,682; Oct. 18.
- Bakon Yeast, Inc. (See Freshel, Curtis P., assignor.)
- Balaam, Maurice A., Lompoc, Calif. Irrigation pipe transporting machine. 2,125,252; July 26.
- Balachowsky, Georges, Paris, France, assignor to General Electric Company. Electric circuit breaker. 2,111,416; Mar. 15.
- Balbinder, Arthur. (See Feuer, S. R., Freedman, Hozinsky, and Balbinder.)
- Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Alcohol Co., New York, N. Y. Recovering olefin oxides from gaseous mixtures and hydrolizing to form corresponding glycols. 2,135,271; Nov. 1.
- Balck, Sivalis & Bryson, Inc. (See Raymond, G., and Young, assignors.)
- Baldauf, Arthur J., Highland Park, Ill. Holder for proofreading. 2,127,711; Aug. 23.
- Baldauf, Carl E., assignor to Clarice Lienhard, Los Angeles, Calif. Light fixture. 2,137,106; Nov. 15.
- Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Machine for grinding and sharpening broaches. 2,113,287; Apr. 5.
- Baldeschwieler, Emile L., Cranford, N. J., assignor to Standard Oil Development Company. Calking and sealing composition. 2,131,342; Sept. 27.
- Baldini, Carmelo, Bronx, N. Y. Protein. Protein compound, and method of preparation. 2,116,377; May 3.
- Baldsiefen, Walter D., Raritan Township, Middlesex County, N. J., assignor to du Pont Film Manufacturing Corporation, New York, N. Y. Making sensitized elements. 2,112,217; Mar. 22.
- Baldsiefen, Walter D., Raritan Township, Middlesex County, and J. R. Weber, South River, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Tripack. 2,112,226; Mar. 22.
- Baldwin, Alfred W., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Sulphonated alkoxy substituted arylides of the higher fatty acids. 2,115,758; May 3.
- Baldwin, Alfred W., H. Blackshaw, and C. S. Woolvin, Blackley, England, assignors to Imperial Chemical Industries Limited. Dyeing process. 2,116,553; May 10.
- Baldwin, Alfred W., and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Methylene halide derivatives of carboxylic acid amides and carbamic esters, respectively, and making the same. 2,131,362; Sept. 27.
- Baldwin Company, The. (See Knoblauch, Armand F., assignor.)
- Baldwin Company, The. (See Kock, Winston E., assignor.)
- Baldwin Company, The. (See Morse, Arthur H., assignor.)
- Baldwin Company, The. (See Tower, Herschel E., assignor.)
- Baldwin, Everett E., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic coupling. 2,111,956; Mar. 22.
- Baldwin, George J., and G. W. Addy, Cayuga, Ontario, Canada. Natural gas production. 2,136,229; Nov. 8.
- Baldwin, George T., London, England. Means for use in feeding sheets to printing and other like machines. 2,104,720; Jan. 11.
- Baldwin, Harold R. (See Blackman, P. M., and Baldwin.)
- Baldwin, Henry W., assignor to Baldwin Laboratories, Inc., Saegertown, Pa. Impregnated fibrous article. 2,132,554; Oct. 11.
- Baldwin, James L., Oak Park, Ill. Double belt carrier. 2,106,514; Jan. 25.
- Baldwin, John T., Chattanooga, Tenn. Rail joint. 2,136,961; Nov. 15.
- Baldwin Laboratories, Inc. (See Baldwin, Henry W., assignor.)
- Baldwin, Millard W., Jr., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated. Electro-optical apparatus. 2,131,715; Sept. 27.
- Baldwin, Minot J., Akron, Ohio. Display structure. 2,118,135; May 24.
- Baldwin, Reinhold. (See Abegg, Walter A., assignor.)
- Baldwin Rubber Company. (See Clark, Samuel C., assignor.)
- Baldwin Rubber Company. (See Glougie, Bert S., assignor.)
- Baldwin Rubber Company. (See Pryale, H. M., Clark, and Vrooman, assignors.)
- Baldwin-Southwark Corporation. (See Dinzel, Richard W., assignor.)
- Baldwin-Southwark Corporation. (See Galson, Henry L., assignor.)
- Baldwin-Southwark Corporation. (See Haas, Walter D., assignor.)



- Baldwin-Southwark Corporation. (See Heller, Henry C., assignor.)
- Baldwin-Southwark Corporation. (See Kerr, Samuel L., assignor.)
- Baldwin-Southwark Corporation. (See Locke, Arthur S., assignor.)
- Baldwin-Southwark Corporation. (See Neeson, Charles R., assignor.)
- Baldwin-Southwark Corporation. (See Steinfeld, Hans K., assignor.)
- Baldwin-Southwark Corporation. (See Steinfeld, H. K., Galsen, and Locke, assignors.)
- Baldwin-Southwark Corporation. (See Troxell, George E., assignor.)
- Baldwin-Southwark Corporation. (See Weiland, Alfred, assignor.)
- Baldwin-Southwark Corporation. (See Weiland, A., and Neeson, assignors.)
- Baldwin-Southwark Corporation. (See Zwickl, Joseph R., assignor.)
- Bale, Geo., et al. (See King, James F., assignor.)
- Bale, Ralph G., et al. (See McCarty, Roy C., assignor.)
- Bales, James E., Aurora, Ill., and T. C. Weltmer, Kansas City, Mo. Demountable display rack. 2,110,034; Mar. 1.
- Balfe, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Gasket. 2,109,814; Mar. 1.
- Balfe, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Cutting machine. 2,121,003; June 21.
- Balfe, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Method of cutting material. 2,121,004; June 21.
- Balfe, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Gasket. 2,126,716; Aug. 16.
- Balfour, Guthrie & Co. (See Schaeffe, Ralph E., assignor.)
- Balfour, Robert A., and F. H. Hale, Wicker, Sheffield, England. Saw teeth. 2,141,504; Dec. 27.
- Balin, Charles J., St. Louis, Mo. Container. 2,133,736; Oct. 18.
- Balke, Claire C. (See Balke, Clarence W. and C. C.)
- Balke, Clarence W., Highland Park, assignor to Ramet Corporation of America, North Chicago, Ill. Hard alloys. 2,106,161; Jan. 25.
- Balke, Clarence W., Highland Park, assignor to Ramet Corporation of America, North Chicago, Ill. Hard alloys. 2,106,162; Jan. 25.
- Balke, Clarence W. and C. C., Highland Park, assignors to Fansteel Metallurgical Corporation, Chicago, Ill. Production of refractory metals and alloys. 2,107,279; Feb. 8.
- Balke, Clarence W., Highland Park; F. L. Hunter, Lake Bluff; and R. A. Haskell, Waukegan, assignors to Fansteel Metallurgical Corporation, North Chicago, Ill. Hard alloy. 2,122,403; July 5.
- Ball, Albert L. (See Benner, R. C., and Ball.)
- Ball, Albert L. (See Scott, A. G., and Ball.)
- Ball, Albert L., Lewiston Heights, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Apparatus for cutting hard substances. 2,123,705; July 12.
- Ball, Albert L., Lewiston Heights, Lewiston, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Composite abrasive sheet. 2,129,661; Sept. 13.
- Ball, Albert L., Lewiston, and A. G. Scott, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making composite abrasive articles. 2,110,143; Mar. 8.
- Ball, Albert L., Lewiston Heights, and R. C. Benner, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Segmental abrasive wheel and making the same. 2,119,412; May 31.
- Ball, Albert L., Lewiston, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Composition of matter. 2,141,637; Dec. 27.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Adjustable shade for automobile bodies. 2,110,120; Mar. 8.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Ventilating window. 2,110,121; Mar. 8.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Refrigerator cabinet. 2,114,169; Apr. 12.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Refrigerator cabinet. 2,114,170; Apr. 12.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Stamped metal radiator. 2,120,985; June 7.
- Ball, Albert P., and W. Marshall, assignors to Briggs Manufacturing Company, Detroit, Mich. Stamped metal fluid heater. 2,116,298; May 3.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Adjustable seat. 2,132,009; Oct. 4.
- Ball, Arthur F., Haverhill, and G. A. Craig, assignors to Gregory & Read Wood Heel Company, Malden, Mass. Method and apparatus for operating on heels. 2,123,269; July 12.
- Ball Brothers Company. (See Dorman, Edgar P., assignor.)
- Ball Brothers Company. (See Moorshead, Thomas C., assignor.)
- Ball Brothers Company. (See Moorshead, T. C., and Dorman, assignors.)
- Ball Brothers Company. (See Tipping, John, assignor.)
- Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
- Ball, Charles F. (See Devine, B. F., and Ball.)
- Ball, Charles F. (See Longenecker, C. I., and Ball.)
- Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for feeding plastic concrete mixtures to pumps etc. 2,116,473; May 3.
- Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Auxiliary valve structure for concrete pumps. 2,123,583; July 12.
- Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for mixing concrete and the like. 2,131,682; Sept. 27.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Concrete pump. 2,131,681; Sept. 27.
- Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for mixing concrete and the like. 2,135,436; Nov. 1.
- Ball, Charles O., River Forest, Ill., assignor to American Can Company, New York, N. Y. Controlling viscosity in evaporated milk. 2,135,489; Nov. 8.
- Ball, Charles P., Jr., assignor to The Torrington Company, Torrington, Conn. Hydraulic brake. 2,141,966; assignor.)
- Ball, Charles P., Jr., assignor to The Torrington Company, Torrington, Conn. Hydraulic brake. 2,141,967; assignor.)
- Ball Chemical Company. (See Fulton, K. H., and Illig, assignors.)
- Ball, Donald A. (See Quick, C. G., Ball, and Whitehead.)
- Ball, Edward L., Rossville, Ga. Snapper for knitting machines. 2,115,610; Apr. 26.
- Ball, Eldon W., assignor to Rock of Ages Corporation, Barre, Vt. Pneumatic tool. 2,122,507; July 5.
- Ball, Frederick O. and T. M., Detroit, Mich. Carburetor. 2,108,281; Feb. 15.
- Ball, George, Nuthall, assignor to Aristoc Limited, Nottinghamshire, England. Knitting machine. 2,128,688; Aug. 30.
- Ball, George D., and C. L. Tumulty, Alexandria, Ind. Nonrotatable hub cap. 2,130,220; Sept. 13.
- Ball, John B. (See Billker, F. W., and Ball.)
- Ball, John H., St. Louis, Mo. Parallel rule. 2,115,983; May 3.
- Ball, Joseph A., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Motion picture camera drive. 2,107,623; Feb. 8.
- Ball, P. D. (See Deschamps, Desire J., assignor.)
- Ball, Robert P., Chattanooga, Tenn. Calculator. 2,118,773; May 24.
- Ball, Robert W., Kaolin, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of barium from black ash residues. 2,111,236; Mar. 15.
- Ball, Russell C., Philadelphia, Pa. Valve control. 2,114,013; Apr. 12.
- Ball, Thomas M. (See Ball, Frederick O. and T. M.)
- Ballantine, Stuart, Mountain Lakes, N. J. Modulator. 2,120,882; June 14.
- Ballantine, Stuart, Mountain Lakes, N. J. Sound translating apparatus. 2,121,778; June 28.
- Ballantine, Stuart, Mountain Lakes, N. J. Sound translating apparatus. 2,121,779; June 28.
- Ballantine, Stuart, Mountain Lakes, N. J. Sound translating system. 2,121,780; June 28.
- Ballantine, Stuart, Mountain Lakes, N. J. Sound translating device. 2,121,781; June 28.
- Ballantine, Stuart, Mountain Lakes, N. J. Sound translation apparatus. 2,122,191; June 28.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum tube amplifier. 2,134,747; Nov. 1.
- Ballantyne, Robert L., Pottersburg, Ohio. Power transmission. 2,133,276; Oct. 18.
- Ballard, Bernard T., Warren, Ohio, W. M. McNeil, Wheaton, and R. H. Hurd, Hinsdale, assignors to United States Gypsum Company, Chicago, Ill. Machine for manufacturing sized sheets of flattened expanded metal. 2,121,470; June 21.
- Ballard, Charles H., Rochester, Pa. Removing battery terminals. 2,133,371; Oct. 18.
- Ballard, Howard A., Napa, Calif. Poultry feeder. 2,127,804; Aug. 23.
- Ballard, John H., assignor to Sealed Power Corporation, Muskegon, Mich. Piston ring process. 2,119,035; May 31.
- Ballard, John R., San Francisco, Calif., assignor to G. Von Seebeck, Syndicate Manager of Dye Syndicate, New York, N. Y. Air cooling apparatus. 2,107,280; Feb. 8.
- Ballard, Roscoe E. (See Warner, A. W., and Ballard.)
- Ballash, Joseph L., Cleveland, assignor to The Sterling Grinding Wheel Company, Tiffin, Ohio. Abrasive device. 2,133,009; Oct. 11.
- Ballaut, Fritz, Cologne-Holweide, and O. Bayer, Leverkusen I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble dye-dyestuffs. 2,110,694; Mar. 8.



- Balle, Gerhard, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Condensation products. 2,131,249; Sept. 27.
- Ballentine, William I., La Porte, Ind. Apparatus for testing hardness. 2,109,521; Mar. 1.
- Baller, Harry C., Los Angeles, Calif. Coin carrier. 2,131,088; Sept. 27.
- Ballew, Elmer L., Chicago, Ill. Advertising device. 2,129,368; Sept. 6.
- Balliet, A. H., Corporation. (See Neely, Frank R., assignor.)
- Ballman, Edwin C., St. Louis, Mo. Combination fixture. 2,123,071; July 5.
- Ballman, Edwin C., St. Louis, Mo. Electric motor mounting. 2,135,785; Nov. 8.
- Balloffet Dies & Nozzle Co. (See Davis, John H., assignor.)
- Ballou, George, Holland, N. Y. Powder puff. 2,137,125; Nov. 15.
- Ballou, B. A., & Co. (See Ballou, Frederick A., Jr., assignor.)
- Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)
- Ballou, Frederick A., Jr., Providence, R. I., assignor to B. A. Ballou & Co., Inc. Safety catch. 2,123,985; July 19.
- Ballou, John McK., Los Angeles, Calif. Airplane. 2,104,006; Jan. 4.
- Ballou, John McK., and H. W. Clark, Los Angeles, Calif. Ore concentrator. 2,112,099; Mar. 22.
- Ballou, Leon H. (See Guenther, George A. and H. V., assignors.)
- Bally Manufacturing Company. (See Chappell, Edward M., assignor.)
- Balmford, Alfred B., et al. (See Burn, Walter S., assignor.)
- Balmford, Joseph A., East Orange, N. J. Synchronizing, alternating current motor. 2,108,038; Feb. 15.
- Balsach, Juan, Sabadell, Spain. Circular loom. 2,141,679; Dec. 27.
- Balsam, Maurice M., assignor to W. L. Lawson, New York, N. Y. Folding apparatus and method. 2,123,175; July 12.
- Balsam, Maurice M., and W. L. Lawson, New York, N. Y.; said Balsam assignor to said Lawson. Method of and apparatus for folding sheet material. 2,104,727; Jan. 11.
- Balsiger, Harold E. (See Ott, C. L., and Balsiger.)
- Balsley, James R., La Canada, Calif., assignor to United Research Corporation, Long Island City, N. Y. Sound production. 2,115,001; Apr. 26.
- Balsley, James R., La Canada, Calif., assignor to United Research Corporation, Long Island City, N. Y. Sound reproduction. 2,136,875; Nov. 15.
- Balthasar, Harry G., West Tower Park, assignor to The Edward J. Hoff Company, Cincinnati, Ohio. Venetian blind. 2,115,663; Apr. 26.
- Balthis, Joseph H., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrogen-containing resins. 2,122,707; July 5.
- Baltimore, Irving S. (See Merrill, Warren C., assignor.)
- Baltimore Paint and Color Works, Inc. (See Shuger, Leroy W., assignor.)
- Baltimore Paper Company. (See Berkowitz, Eugene B., assignor.)
- Baltimore Paper Box Company, The. (See Ferguson, George K. S., assignor.)
- Balton, James, assignor of one-fourth to J. Shapiro, Baltimore, Md., one-fourth to I. Shapiro, Chicago, Ill., one-fourth to N. Shapiro, and one-fourth to S. Shapiro, Chelsea, Mass. Label placing apparatus and method. 2,106,864; Feb. 1.
- Balton, James, assignor of one-fourth to J. Shapiro, Baltimore, Md., one-fourth to I. Shapiro, Chicago, Ill., one-fourth to N. Shapiro, and one-fourth to S. Shapiro, Chelsea, Mass. Ice cream cone. 2,114,205; Apr. 12.
- Balz, Max, Esslingen-on-the-Neckar, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Springing attachment for the wheels of power driven vehicles. 2,126,084; Aug. 9.
- Balz, Max, Esslingen-on-the-Neckar, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart - Unterturkheim, Germany. Motor-driven vehicle. 2,126,085; Aug. 9.
- Balz, William G., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,134,099; Oct. 25.
- Balzer, Fritz, Chicago, Ill., assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Laundry apparatus. 2,112,225; Mar. 29.
- Bamag-Meguim Aktiengesellschaft. (See Corsepheus, R., and Proizen, assignors.)
- Bamag-Meguim Aktiengesellschaft. (See Fischer, Thomas, assignor.)
- Bamax Machine Co. (See Dayton, Max E., assignor.)
- Bambenek, Dominic C. (See Bambenek, Joseph B. and D. C.)
- Bambenek, Joseph B. and D. C., assignors to Peerless Chain Company, Winona, Minn. Traction-increasing device. Re. 20,892; Oct. 25.
- Bamberger-Reinthal Company, The. (See Reinthal, Arthur J., assignor.)
- Bamford, William T. (See Maurer, C. B., and Bamford.)
- Bampfylde, James W., Birmingham, assignor to British & Dominions Feralloy Limited, London, England. Manufacture of cast iron. 2,134,905; Nov. 1.
- Bancel, Paul A., Montclair, assignor to Ingersoll-Rand Company, Jersey City, N. J. Apparatus for refrigerating purposes. 2,117,693; May 17.
- Bancel, Paul A., Montclair, N. J., and P. Hoffman, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Regulating device for centrifugal compressors. 2,109,964; Mar. 1.
- Bancker, Elbert H. (See Hamilton, F. A., Jr., and Bancker.)
- Bancker, Elbert H., Schenectady, N. Y., assignor to General Electric Company. Electroresponsive device. 2,110,655; Mar. 8.
- Bancons, Jean L. R., Dax, France. Device for the transportation and distribution of liquids. 2,129,113; Sept. 6.
- Bancroft, Albert F., West Newton, assignor to Bancroft-Walker Company, Waltham, Mass. Shoe heel and making same. 2,107,776; Feb. 8.
- Bancroft, Alfred G., Dunn, N. C., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car. 2,120,345; June 14.
- Bancroft, Charles, New Canaan, Conn. Displacement means. 2,132,595; Oct. 11.
- Bancroft, Charles, New Canaan, Conn. Rotary displacement means. 2,132,596; Oct. 11.
- Bancroft, George B. (See Mitchell, Roscoe A., assignor.)
- Bancroft Holdings Limited. (See Johns, Henry S., assignor.)
- Bancroft, Joseph, & Sons Co. (See Bird, S. B., and Lippert, assignors.)
- Bancroft, Joseph, & Sons Co. (See Lippert, A. L., and Hall, assignors.)
- Bancroft, Raymond W., assignor to Collier-Keyworth Company, Gardner, Mass. Chair base and making the same. 2,119,946; June 7.
- Bancroft-Walker Company. (See Bancroft, Albert F., assignor.)
- Bancroft, Wilfred, Haverford, and M. C. Indahl, Rydal, assignors to Lanston Monotype Machine Company, Philadelphia, Pa. Registering mechanism. 2,115,357; Apr. 26.
- Bancroft, William H., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoe stiffeners. 2,140,614; Dec. 20.
- Bandcan Corporation. (See Williams, Fred H., assignor.)
- Bandur, Adolph F., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic core. 2,105,070; Jan. 11.
- Bane, Joe H., Dana, Ill. Sickle header for harvesters and the like. 2,139,927; Dec. 13.
- Banfield, Frederic E., Jr., Saco, assignor, by mesne assignments, to Saco-Lowell Shops, Biddeford, Maine. Spindle. 2,137,232; Nov. 22.
- Banfield, Thomas H., assignor to Iron Fireman Manufacturing Company, Portland, Ore. Ash remover for underfeed stokers. 2,119,937; June 7.
- Banfield, Thomas H., assignor to Iron Fireman Manufacturing Company, Portland, Ore. Underfeed stoker and ash remover. 2,122,708; July 5.
- Bangert, Charles A., assignor to Lamneck Products, Incorporated, Columbus, Ohio. Silo roof. 2,135,437; Nov. 1.
- Bangle, John W., Statesville, N. C., assignor of one-half to The Holiness Church of El Monte, Calif., one-fourth to C. A. and P. L. Boeck, and one-fourth to M. A. Bangle, Los Angeles, Calif. Furnace for melting metal. 2,140,181; Dec. 13.
- Bangle, Mary A., et al. (See Bangle, John W., assignor.)
- Bangs, Ralph C., Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Monogram construction. 2,107,684; Feb. 8.
- Bangs, Ralph C., Providence, R. I., assignor to L. K. Stupell. Ornament construction. 2,108,158; Feb. 15.
- Bangs, Ralph C., Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Handle for various articles. 2,138,993; Dec. 6.
- Bangs, Ralph C., Providence, R. I., assignor to Cohn & Rosenberger, Inc., of Rhode Island. Gem setting tool. 2,140,465; Dec. 13.
- Bangs, Ralph L., Wakefield, assignor to Forest Wadding Company, Roxbury, Mass. Packing. 2,109,789; Mar. 1.
- Banigan, Thomas F., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Pellicles and process relating to same. 2,106,786; Feb. 1.
- Banigan, Thomas F., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic article. 2,117,392; May 17.
- Banigan, Thomas F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure. 2,137,301; Nov. 22.
- Bank, Albert M., assignor to Sylvia Bank, Jersey City, N. J. Mattress for beds. 2,104,921; Jan. 11.
- Bank, Albert M., assignor to S. Bank, Jersey City, N. J. Upholstery construction. 2,124,048; July 19.
- Bank, Albert M., assignor to Sylvia Bank, Jersey City, N. J. Upholstery construction. 2,135,555; Nov. 8.
- Bank of America National Trust and Savings Association. (See Owens, Bengeman Beason, assignor.)
- Bank of The Manhattan Company. (See Brogden, Ronald R., assignor.)
- Bank, Sylvia. (See Bank, Albert M., assignor.)



- Banker, Carl W., Tiltonsville, Ohio. Window fixture. 2,141,968; Dec. 27.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Clutch mechanism. 2,104,014; Jan. 4.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Change speed transmission. 2,140,502; Dec. 20.
- Bankers Box Company. (See Fellowes, Harry L., assignor.)
- Banks, Arnold E., Cheboygan, Mich. Independent four-wheel spring mounting. 2,122,308; June 28.
- Banks, Claud, Canton, Ohio. Progressive hobbyhorse. 2,132,772; Oct. 11.
- Banks, Claud L., Canton, Ohio. Vehicular spring. 2,126,086; Aug. 9.
- Banks, Daniel B., Drexel Hill, and P. D. Barton, Narberth, assignors to Sun Oil Company, Philadelphia, Pa. De-propanizing wax-propane mixtures. 2,111,957; Mar. 22.
- Banks, George B., Chelmsford, England, assignor to Radio Corporation of America. Electron multiplier. 2,113,264; Apr. 5.
- Banks, George B., Chelmsford, England, assignor to Radio Corporation of America. Electron multiplier. 2,115,155; Apr. 26.
- Banks, Robert W., Memphis, Tenn. Extension hinge. 2,140,412; Dec. 13.
- Banks, Robert W., Memphis, Tenn. Window element and locking means. 2,140,413; Dec. 13.
- Banks, W. T., et al. (See Davis, Phillip W., assignor.)
- Banner, Irving. (See Banner, Max S. and I.)
- Banner, Max S. and I., New York, N. Y. Child's hand-bag novelty. 2,140,124; Dec. 13.
- Bannerot, Frederick G. (See Hurtt, W. T., and Bannerot.)
- Bannister, Clyde E., Akron, Ohio. Hose coupling. 2,116,299; May 3.
- Bannon, Edward P., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Cord connector body. 2,105,465; Jan. 18.
- Bannon, John J., et al. (See La Londe, Moses, assignor.)
- Bannon, William H. (See Graham, Clarence T., assignor.)
- Banocker, Elbert H., and T. A. Cramer, Schenectady, N. Y., assignors to General Electric Company. Protective arrangement for alternating current systems. 2,141,896; Dec. 27.
- Bantam Ball Bearing Company, The. (See Herrmann, Karl L., assignor.)
- Bantz, Theodor, Frankfort-on-the-Main-Praunheim, G. Grave, Frankfort-on-the-Main-Heddernheim, and E. Oppen, Hanover-Kirchrade, Germany, assignors to American Lurgi Corporation, New York, N. Y. Method and apparatus for electrostatic preparation. 2,106,865; Feb. 1.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control system. 2,107,927; Feb. 8.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control system. 2,116,378; May 3.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Automatic control equipment. 2,117,871; May 17.
- Bany, Herman, Lansdowne, and W. N. Gittings, Upper Darby, Pa., assignors to General Electric Company. Circuit breaker control system. 2,116,379; May 3.
- Banzett, William H., Clifton, N. J. Finishing printing plates. 2,118,801; May 31.
- Barach, Alvan L., et al. (See Pilblad, Eric J., assignor.)
- Barach, Alvan L., et al. (See Strange, Charles C., assignor.)
- Barach, Edmund J., et al. (See Pilblad, Eric J., assignor.)
- Barach, Edmund J., et al. (See Strange, Charles C., assignor.)
- Barager, Alfred T. (See La Hodny, W., and Barager.)
- Baran, Milan L., South Orange, N. J. Ventilated shoe. 2,124,391; July 19.
- Baranowsky, Raul, Berlin Treptow, Germany, assignor to General Electric Company. Coupling on or bridging implement. 2,141,286; Dec. 27.
- Barasch, Hans P., Kensington, London, England. Sealing electrical conductors into vitreous envelopes. 2,138,221; Nov. 29.
- Barash, Joseph, New York, N. Y. Intaglio printing machine. 2,116,874; May 10.
- Barber, Alfred W., Flushing, N. Y. Coupled circuits. 2,120,998; June 21.
- Barber, Alfred W., Flushing, N. Y. Rectifier circuit. 2,129,726; Sept. 13.
- Barber, Alfred W., Flushing, N. Y., assignor to Hazeltine Corporation. Coupling system. 2,129,727; Sept. 13.
- Barber, Alfred W., Flushing, N. Y. Coupled circuit system. 2,136,664; Nov. 15.
- Barber, Alfred W., Flushing, N. Y. Radio tuning indication. 2,136,665; Nov. 15.
- Barber Asphalt Corporation. (See Howell, Henry C., assignor.)
- Barber, Charles C., Rockville, Centre, N. Y., and C. W. McWilliams, Kenney, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shaft bearing. 2,105,900; Jan. 18.
- Barber, Charles C., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Clutch mechanism. 2,133,794; Oct. 18.
- Barber, Charles E., assignor to Chicago Musical Instrument Company, Chicago, Ill. Piano accordion. 2,118,545; May 24.
- Barber, Charles H., Manchester, England. Display device. 2,130,324; Sept. 20.
- Barber-Colman Company. (See Edgar, John, assignor.)
- Barber-Colman Company. (See Germonprez, John A., assignor.)
- Barber-Colman Company. (See Lake, Harry E., assignor.)
- Barber-Colman Company. (See Marcellus, Brooks, assignor.)
- Barber-Colman Company. (See Peterson, Burt A., assignor.)
- Barber-Colman Company. (See Ransome, Stafford M., assignor.)
- Barber, George M., Chicago, Ill. Combination footrest and cuspidor. 2,138,415; Nov. 29.
- Barber, George W., New Haven, Conn., dedicated to the free use of the People of the United States of America. Needle nozzle. 2,116,591; May 10.
- Barber-Greene Company. (See Barber, Harry H., assignor.)
- Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Machine for and process of laying roads. 2,138,828; Dec. 6.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Flat sheet delivery for web printing rotary presses. 2,104,573; Jan. 4.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Flat sheet delivery for web printing rotary presses. 2,110,585; Mar. 8.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Flat sheet delivery for web printing rotary presses. 2,110,586; Mar. 8.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,112,586; Mar. 29.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,112,587; Mar. 29.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,112,588; Mar. 29.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,112,589; Mar. 29.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,112,590; Mar. 29.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,112,591; Mar. 29.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet handling mechanism for web printing rotary presses. 2,128,981; Sept. 6.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet collecting and folding mechanism for printing presses. 2,131,363; Sept. 27.
- Barber, Leroy B. (See Hosselkus, Bert C., assignor.)
- Barbieri, Cesare. (See McKee, Ralph H., assignor.)
- Barbieri, Cesare, New York, N. Y. Apparatus for the separation of saturated and unsaturated hydrocarbons. 2,121,332; June 21.
- Barbieri, Cesare, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill. Forming paper cups. 2,104,535; Jan. 4.
- Barbieri, Cesare, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill. Container. 2,132,597; Oct. 11.
- Barbieri, Cesare, and J. R. Heard, New York, N. Y.; said Heard assignor to said Barbieri. Continuous process of manufacturing amines with emulsions. 2,113,640; Apr. 12.
- Barbour, Alexander D., assignor to Ontario Research Foundation, Toronto, Ontario, Canada. Making an alimentary product. 2,125,215; July 26.
- Barbour, Herbert C., El Paso, Tex. Massaging apparatus. 2,128,700; Aug. 30.
- Barbour Writing Company. (See Viard, William C., assignor.)
- Barbulesco, Constantin D., Dayton, Ohio. Ultrahigh frequency marker beacon system. 2,121,533; July 26.
- Barbulesco, Constantin D., Dayton, Ohio. Beacon indicator. 2,131,032; Sept. 27.
- Barclay Manufacturing Company. (See Vallone, Joseph M., assignor.)
- Barclay, Frank H., Chicago, Ill. Supporting mechanism for locomotives. 2,117,482; June 28.
- Barclay, John M., Brooklyn, and J. B. Forbes, Maine Vernon, assignors to Alco Products Incorporated, New York, N. Y. Heat exchanger. 2,118,469; Nov. 20.
- Barclay, Robert E., assignor to Federal Electric Company, Inc., Chicago, Ill. Gaseous conduction device. 2,121,333; June 21.
- Barcy, William W. (See Fangle, R. J., Barcy, and Fuchs; Barcy, William W., Detroit, Mich. Hanger. 2,120,828; June 11.
- Bard, Dale R., Bryan, Ohio. Warm air furnace. 2,109,870; Mar. 1.



- Bardaji, Teodoro B., Barcelona, Spain, assignor to J. M. Bragulat, New York, N. Y. Foldable bed. 2,124,602; July 26.
- Bardes, E. H., Range & Foundry Company, The. (See Hall, Ralph W., assignor.)
- Bardon, Donis M., Seattle, Wash. Fishline sinker. 2,111,958; Mar. 22.
- Bardsley, Willard W., Providence, assignor to Wardwell Braiding Machine Company, Central Falls, R. I. Serving apparatus. 2,118,136; May 24.
- Bardue, Howard B., deceased, by M. E. Bardue, administratrix, San Francisco, Calif. Reducing furnace. 2,116,554; May 10.
- Bardue, Maude E., administratrix. (See Bardue, Howard B.)
- Bardwell, Cecil, West Los Angeles, assignor to Motion Picture Electric Products, Los Angeles, Calif. Electrical connector. 2,115,324; Apr. 26.
- Bardwell, Cecil, West Los Angeles, C. R. Erickson, and J. C. Rose, assignors to Motion Picture Electric Products, Los Angeles, Calif. Studio lamp. 2,109,056; Feb. 22.
- Bardwell, Dwight C., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Producing a mixture of nitrogen and hydrogen. 2,135,695; Nov. 8.
- Bardwell, Dwight C., Syracuse, N. Y., and F. Porter, Prince George County, Va., assignors, by mesne assignments, to The Solvay Process Company, New York, N. Y. Production of hydrogen. 2,116,993; May 10.
- Bardwell, Dwight C., and F. Porter, Syracuse, assignors, by mesne assignments, to The Solvay Process Company, New York, N. Y. Production of hydrogen. 2,135,693; Nov. 8.
- Bardwell, Dwight C., and F. Porter, Syracuse, assignors, by mesne assignments, to The Solvay Process Company, New York, N. Y. Production of hydrogen. 2,135,694; Nov. 8.
- Bare, Erwin L., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,138,084; Nov. 29.
- Barea, Arnold J. (See Fish, J., and Barea.)
- Bareiss, Julius. (See Richter, M., and Bareiss.)
- Barends, William, New York, N. Y. Forced feed draft equalizer. 2,104,504; Jan. 4.
- Barényi, Árpád, Berlin-Steglitz, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic shutter. 2,130,784; Sept. 20.
- Bares, Bohumil, Oakville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Button positioning means and mechanism. 2,136,536; Nov. 15.
- Bares, Rudolph, assignor to Dixie Vortex Company, Chicago, Ill. Dispensing mechanism. 2,139,433; Dec. 6.
- Bargdill, George E. L., Donnellsville, assignor to Robbins & Myers, Inc., Springfield, Ohio. Electric motor. 2,120,321; June 14.
- Barge, George H., Jamaica, N. Y., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Shoe last. 2,126,941; Aug. 16.
- Barge, William D., Pelham, N. Y. Soundproof building construction. 2,116,654; May 10.
- Bargeboer, Adolf, The Hague, Netherlands. Device for burning atomized liquid fuel. 2,120,387; June 14.
- Bargeboer, Adolf, The Hague, Netherlands. Atomizer for hydrocarbons. 2,120,388; June 14.
- Barish, Thomas, assignor to Marlin-Rockwell Corporation, Jamestown, N. Y. Seal for bearing mechanisms. 2,118,027; May 24.
- Barish, Thomas, assignor to Marlin-Rockwell Corporation, Jamestown, N. Y. Clutch bearing mechanism. 2,121,418; June 21.
- Barium Stainless Steel Corporation. (See Bradford, William D., assignor.)
- Barjot, Henri, M. R., Paris, France. Direction signal for motor cars. 2,114,759; Apr. 19.
- Barkdoll, Joseph P. (See Avery, H. A., and Barkdoll.)
- Barkeij, F. A. H. (See Barkeij, Jean A. H., assignor.)
- Barkeij, Jean A. H., Altadena, Calif., assignor to F. A. H. Barkeij, Malang, Java, Dutch East Indies. Inlet manifold for internal combustion engines. 2,127,079; Aug. 16.
- Barker-Bland, Harry, London, England. Cash register. 2,108,400; Feb. 15.
- Barker, Ernest L., Houston, Tex. Tubing head or hanger. 2,104,180; Jan. 4.
- Barker, Ernest L., Houston, Tex. Gravity feed automatic shut-off valve. 2,130,335; Sept. 20.
- Barker, Frederick W. and L. C., Pound Ridge, N. Y., assignors of one-third to H. A. Ward, New Canaan, Conn. Stray grass cutter. 2,139,349; Dec. 6.
- Barker, Henry J., Upper Holloway, London, assignor of one-half to Evans Cinecnum Limited, London, England. Machine for making cigarettes. 2,134,353; Oct. 25.
- Barker, Jesse W., Geneva, N. Y. Cooking range. 2,111,604; Mar. 22.
- Barker, Jesse W., Geneva, N. Y. Range. 2,121,473; June 21.
- Barker, Jesse W., Geneva, N. Y. Heat diffuser or baffle device. 2,136,666; Nov. 15.
- Barker, John A., Roseboro, and R. L. Dew, Clinton, N. C. Automobile safety switch. 2,104,689; Jan. 4.
- Barker, John L., White Plains, and H. A. Wilcox, Bronxville, assignor to Automatic Signal Corporation, New York, N. Y. Timer. 2,127,080; Aug. 16.
- Barker, Lester C. (See Barker, Frederick W. and L. C.)
- Barker, Lyle M. (See Fowler, M. G., and Barker.)
- Barker, William T., Jr. (See Peiler, K. E., and Barker, Jr.)
- Barkes, Curtis, Western Springs, Ill. Cord set for Christmas tree lights. 2,110,353; Mar. 8.
- Barkholt, Hans, Berlin-Halensee, assignor to Zahn & Co., G. m. b. H., Berlin, Germany. Conserving pickling liquor. 2,118,802; May 31.
- Barkinsky, Aaron, and S. Yanofsky, Bronx, N. Y. Electric broiler. 2,135,318; Nov. 1.
- Barkley, Archibald S., assignor to Barkley-Grow Aircraft Corporation, Detroit, Mich. Aerofoil structure. 2,122,709; July 5.
- Barkley, Earnest L., Jr. (See Snow, E. L., and Barkley.)
- Barkley-Grow Aircraft Corporation. (See Barkley, Archibald S., assignor.)
- Barkley-Grow Aircraft Corporation. (See Stone, Morris J., assignor.)
- Barlow, Theodore W., Detroit, Mich. Safety electric control contactor. 2,133,160; Oct. 11.
- Barknowitz, Hans. (See Boon, A. A., Barknowitz, and Utermark.)
- Barks, Frank S., assignor to Lincoln Engineering Company, St. Louis, Mo. Pumping apparatus. 2,122,020; June 28.
- Barling, B., and Sons. (See Barling, Walter W., assignor.)
- Barling, Walter W., assignor to B. Barling & Sons, Camden Town, London, England. Tobacco pipe, cigarette tube, and the like. 2,135,632; Nov. 8.
- Barlow, Edward H. (See Duncan, J. F., and Barlow.)
- Barlow, Isaac C., and R. A. Shields, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Venetian blind. 2,112,262; Mar. 29.
- Barlow, Lester P., Stamford, Conn. Bottle lock. 2,110,285; Mar. 8.
- Barlow, Lester P., Stamford, Conn. Liquor dispenser register. 2,116,966; May 10.
- Barlow, Ralph L., Baltimore, Md., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Rayon cone container. 2,110,480; Mar. 8.
- Barlow, Sidney D., and P. Sussman, New York, N. Y. Marking implement. 2,106,046; Jan. 18.
- Barlow, William H., Middlebury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Connector. 2,128,112; Aug. 23.
- Barman, Waldemar J., Los Angeles, Calif. Air conduit. 2,108,159; Feb. 15.
- Barmé, Friedrich, Wuppertal-Barmen, Germany. Iron annealing receptacle. 2,125,664; Aug. 2.
- Barmer Maschinenfabrik, Aktiengesellschaft. (See Voltenbroich, Theodor, assignor.)
- Barna, Joseph W., Chicago, Ill. Lasting machine. 2,133,942; Oct. 25.
- Barna, Nicolas, assignor of one-half to Société les Fils de Emile Salmson, Paris, France. Apparatus adapted for the propulsion of fluids. 2,124,901; July 26.
- Barnack, Oskar, assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany. Photographic camera. 2,123,494; July 12.
- Barnard, Charles W., assignor to Kwikon Company, Chicago, Ill. Conduit connector. 2,124,942; July 26.
- Barnard, Clarence R., assignor of one-half to L. L. Barnard, Terre Haute, Ind. Attachment for a disk carrying implement. 2,112,902; Apr. 5.
- Barnard, Daniel P., Jr., assignor to Joseph A. Vogel Company, Wilmington, Del. Flushing apparatus. 2,116,258; May 3.
- Barnard, Daniel P., IV., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Diesel fuel. 2,125,875; Aug. 9.
- Barnard, Glen G., Denver, Colo. Vending machine. 2,133,525; Oct. 18.
- Barnard, Harold, Houston, Tex., assignor to Whitehead Brothers Rubber Company, Trenton, N. J. Hose end structure. 2,122,126; June 28.
- Barnes, Harry W., assignor to Barnes Products Incorporated, Detroit, Mich. Slicing machine. 2,123,396; July 12.
- Barnard, Henry R., Heston, England. Grass mowing appliance. 2,126,441; Aug. 9.
- Barnard, Kenneth H., and A. F. McLean, Andover, assignors to Pacific Mills, Lawrence, Mass. Method and material for preventing the tarnishing of silverware. 2,136,483; Nov. 15.
- Barnard, Lillian L. (See Barnard, Clarence R., assignor.)
- Barnard, Therides V., Omaha, Nebr. Corn popper. 2,117,872; May 17.
- Baraby, Herbert A., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Vacuum sealing machine. 2,126,942; Aug. 16.
- Barnebl, August J., Chicago, assignor to Swenson Evaporator Company, Harvey, Ill. Rotary filter. 2,120,455; June 14.
- Barner, Lawrence D. (See Ames, R. A., Barner, and Nelson.)
- Barnes, Albert M., Acton, London, assignor to Duro-Ray Limited, London, England. Manufacture of mirrors. 2,113,977; Apr. 12.
- Barnes, Brown E., assignor to Electric Steel Foundry Company, Portland, Oreg. Repair link. 2,116,875; May 10.
- Barnes, Charles D., Long Beach, and M. T. Flaxman, Wilmington, assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. 2,119,938; June 7.
- Barnes, Clay T., Philadelphia, Pa. Detachable calk for boots and shoes. 2,128,891; Sept. 6.



- Barnes Drill Co. (See Johnson, Albert M., assignor.)  
 Barnes Drill Co. (See Swanson, Floyd A., assignor.)  
 Barnes, Frank, Brookline, Mass. Ornamental device. 2,120,456; June 14.  
 Barnes, Frederick J. T., Brisbane, Queensland, Australia. Closure for liquid containers. 2,110,643; Mar. 8.  
 Barnes, Frederick J. T., Brisbane, Australia. Pipe couplings. 2,114,366; Apr. 19.  
 Barnes, Frederick J. T., Brisbane, Australia. Pipe fixing. 2,116,957; May 10.  
 Barnes, George. (See Drexler, J., and Bencsik.)  
 Barnes-Gibson-Raymond, Inc. (See Young, James R., assignor.)  
 Barnes, Harold O., Louisville, Ky. Current interrupting plug or connector. 2,110,255; Mar. 8.  
 Barnes, Hope, executrix. (See Barnes, J. S., Guirl, and Svenson.)  
 Barnes, James C., Toronto, Ontario, Canada. Direct reading hygrometer. 2,113,072; Apr. 5.  
 Barnes, Joe L., assignor to L. R. MacKenzie, Incorporated, Des Moines, Iowa. Nozzle and making the same. 2,130,173; Sept. 13.  
 Barnes, John B., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,107,269; Feb. 8.  
 Barnes, John S., deceased, P. R. Guirl, and E. J. Svenson, H. Barnes, executrix of said J. S. Barnes, assignors to W. F. & John Barnes Company, Rockford, Ill. Machine tool and control therefor. 2,114,284; Apr. 19.  
 Barnes, Llewellyn T., Hempstead, N. Y. Hydrocarbon vapor and air mixing device. 2,134,021; Oct. 25.  
 Barnes, Mabs R., Los Angeles, Calif. Body garment. 2,125,482; Aug. 2.  
 Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,111,380; Mar. 15.  
 Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,129,900; Sept. 13.  
 Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,140,278; Dec. 13.  
 Barnes, Merritt S., Oneonta, N. Y. Lawn cleaning and fertilizing machinery. 2,105,803; Jan. 18.  
 Barnes Products Incorporated. (See Barnes, Harry W., assignor.)  
 Barnes, Stuart C., Detroit, Mich. Handle assembly escutcheon. 2,104,217; Jan. 4.  
 Barnes, Thomas D., Newark, and W. G. Mylius, Summit, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blade terminal for meters. 2,125,060; July 26.  
 Barnes, Thomas F., assignor to Cameo Corporation, Minneapolis, Minn. Dispenser. 2,137,041; Nov. 15.  
 Barnes, W. F. & John, Company. (See Barnes, J. S., Guirl, and Svenson, assignors.)  
 Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Method and apparatus for detecting flaws in metallic bodies. 2,109,455; Mar. 1.  
 Barnes, William B., Indianapolis, Ind. Overspeed drive no back lockout. 2,106,905; Feb. 1.  
 Barnes, William B., Indianapolis, Ind. Overdrive with sun gear release. 2,127,637; Aug. 23.  
 Barnes, William B., Indianapolis, Ind. Overspeed drive control. 2,131,263; Sept. 27.  
 Barnes, William B., Indianapolis, Ind. Overdrive gearing. 2,139,350; Dec. 6.  
 Barnett, Arthur J., Buffalo, N. Y. Pocket shaper. 2,104,111; Jan. 4.  
 Barnett, George F., San Francisco, Calif. Studding socket. 2,110,863; Mar. 15.  
 Barnett, Guy D., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,127,321; Aug. 16.  
 Barnett, Herbert. (See Begun, S. J., Durst, and Barnett.)  
 Barnett, Herbert. (See Durst, I. F., Begun, and Barnett.)  
 Barnett, Lawrence T. (See Giles, George A., assignor.)  
 Barnett, Louis. (See Bagno, Samuel, assignor.)  
 Barnett, Otto R. (See Leray, Gustave, assignor.)  
 Barnett, Walter, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe rack. 2,124,645; July 26.  
 Barney, Fred H. (See Gourley, W. J., and Barney.)  
 Barney, Fred H. (See Gourley, W. J., Barney, and Gochring.)  
 Barney, Freeman. (See Lee, J. E., and Barney.)  
 Barney, Freeman, assignor to The Challenge Machinery Company, Grand Haven, Mich. Two hand safety lever. 2,133,526; Oct. 18.  
 Barnhardt, Jacob C. (See Lewis, H. M., and Barnhardt.)  
 Barnhart, George, Woodbury, N. J., and H. A. Lubs, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flaked sulphur dye. 2,125,981; Aug. 9.  
 Barnhart, George B., Pasadena, Calif. Golf club. 2,124,534; July 26.  
 Barnhart, George B., Pasadena, Calif. Variable action tubular shaft. 2,126,717; Aug. 16.  
 Barnhart, George E., Pasadena, Calif. Gun mount. 2,135,959; Nov. 8.  
 Barnhart, George E., Pasadena, Calif. Explosive device. 2,137,436; Nov. 22.  
 Barnhart, Philip S., Westfield, assignor to Westfield River Paper Company, Inc., Russell, Mass. Paper coating. 2,119,508; June 7.  
 Barnhart, Philip S., Westfield, assignor to Westfield River Paper Company, Inc., Russell, Mass. Coated paper. 2,119,509; June 7.  
 Barnhart, Vern A., Jester Lake, Milton, N. J. Building device. 2,123,225; July 12.  
 Barnhart, Vern A., Jester Lake, Milton, N. J. Building unit. 2,138,015; Nov. 29.  
 Barnhart, William S., North Fond du Lac, Wis. Fishing bobber. 2,128,899; Sept. 6.  
 Barnitt, Jesse B. (See Arthur, F. C., and Barnitt.)  
 Baron, Arthur S., et al. (See Vendepo, Van L., assignor.)  
 Baron, Charles S., Tiffin, Ohio. Closure for receptacles. 2,110,058; Mar. 1.  
 Baron, Charles S., Tiffin, Ohio. Closure for receptacles. 2,136,123; Nov. 8.  
 Baron, Herman, San Salvador, El Salvador. Fountain pen. 2,127,385; Aug. 16.  
 Barothy, Charles F., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Making fabricated articles. 2,116,555; May 10.  
 Barr, Clarence D., and D. O. Holmes, assignors to American Cast Iron Pipe Company, Birmingham, Ala. Hot blast cupola. 2,104,393; Jan. 4.  
 Barr, Glen G., Union City, Ind., and A. H. Kirchner, Washington, D. C., assignors to Backstay Welt Company, Union City, Ind. Fender welt. 2,105,397; Jan. 11.  
 Barr, Henry T. (See Sweeney, Benjamin F., assignor.)  
 Barr, John L., Chevy Chase, Md. Device for facilitating movement of steering wheels. 2,140,493; Dec. 20.  
 Barr, John L., Chevy Chase, Md., and M. M. Overman, Washington, D. C.; said Overman assignor to said Barr. Device for facilitating the turning of steering wheels. 2,110,256; Mar. 8.  
 Barr, Lester S., Washington, D. C. Golf tee. 2,121,113; June 21.  
 Barr and Stroud Limited. (See French, James W., assignor.)  
 Barr, Walter A., Fort Wayne, Ind., assignor to Koppers Company. Automatic control apparatus. 2,137,222; Nov. 22.  
 Barraja-Frauenfelder, Joseph, Swarthmore, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Internal-combustion engine. 2,120,666; June 14.  
 Barratt, Arthur C., York Township, York County, Ontario, Canada. Vehicle wheel. 2,104,112; Jan. 4.  
 Barrel Fitting & Seal Corporation of America. (See Schwartz, Morris, assignor.)  
 Barrett, Adolph, and L. Hirschhorn, New York, N. Y. Reinforced porcelain tooth crown. 2,105,398; Jan. 11.  
 Barrett, Berton A., Manila, P. I., and G. E. Perreault, Bronxville, N. Y., assignors to Wagner Electric Corporation, St. Louis, Mo. Brake mechanism. Re. 20,733; May 24.  
 Barrett Company, The. (See Allingham, Ralph R., assignor.)  
 Barrett Company, The. (See Anderton, Benjamin A., assignor.)  
 Barrett Company, The. (See Bailey, Henry H., assignor.)  
 Barrett Company, The. (See Bywater, Wilfred M., assignor.)  
 Barrett Company, The. (See Canavan, Edward J., assignor.)  
 Barrett Company, The. (See Drewsen, Pierre, assignor.)  
 Barrett Company, The. (See Eckert, Clarence R., assignor.)  
 Barrett Company, The. (See Hamlin, Marston L., assignor.)  
 Barrett Company, The. (See Kenney, John A., assignor.)  
 Barrett Company, The. (See Miller, Stuart P., assignor.)  
 Barrett Company, The. (See Miller, S. P., and Hamlin, assignors.)  
 Barrett Company, The. (See Pearl, John W., assignor.)  
 Barrett Company, The. (See Penley, Benjamin S., assignor.)  
 Barrett Company, The. (See Sutherland, Leslie T., assignor.)  
 Barrett Company, The. (See Wittenberg, Lester, assignor.)  
 Barrett Company, The. (See Yeager, Frank W., assignor.)  
 Barrett, Conrad P., Anthony, N. Mex. Fishing lure. 2,133,884; Oct. 18.  
 Barrett, Edward, Des Moines, Iowa. Package delivering apparatus. 2,108,302; Feb. 15.  
 Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Circuit controlling device. 2,107,848; Feb. 8.  
 Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Vibratory motor device. 2,120,273; June 14.  
 Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Making and assembling laminated structures and apparatus therefor. 2,121,851; June 28.  
 Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Electric motor. 2,121,852; June 28.  
 Barrett, Edward R., Detroit, Mich., assignor to Gar Wood Industries, Inc. Hydraulic lift. 2,119,632; June 7.  
 Barrett, Elliott P., Pittsburgh, Pa., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric cable and manufacturing it. 2,121,947; June 28.



- Barrett, George J., and S. Robichaux, Houston, Tex. Well-boring apparatus. 2,105,722; Jan. 18.
- Barrett, George J., and S. Robichaux, Houston, Tex. Drill. 2,135,024; Nov. 1.
- Barrett, George J., et al. (See Cutrer, C. C., and Brousard, assignors.)
- Barrett, H. B., Company. (See Barrett, Harry B., assignor.)
- Barrett, Harold J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester interchange process. 2,109,877; Mar. 1.
- Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,662; Sept. 13.
- Barrett, Harold J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,663; Sept. 13.
- Barrett, Harold J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproofing process and product produced therefrom. 2,137,636; Nov. 22.
- Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,664; Sept. 13.
- Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,665; Sept. 13.
- Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,666; Sept. 13.
- Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,667; Sept. 13.
- Barrett, Harold J., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester of methacrylic acid. 2,129,668; Sept. 13.
- Barrett, Harry B., St. Louis, Mo. Brake gauge. 2,124,603; July 26.
- Barrett, Harry B., St. Louis, Mo., assignor to H. B. Barrett Company, Ltd., Los Angeles, Calif. Brake-relining machine. 2,109,327; Feb. 22.
- Barrett, James H., Okmulgee, Okla. Toy mule. 2,133,943; Oct. 25.
- Barrett, Joseph M., East Cleveland, Ohio. Humidity and air cooling machine. 2,106,560; Jan. 25.
- Barrett, Ray W., assignor to S. R. Bowen Co., Huntington Beach, Calif. Inside casing cutter. 2,117,594; May 17.
- Barrett, William H., Brooklyn, N. Y., assignor to Leather Designs Incorporated, Boston, Mass. Decorating and decorated leather. 2,130,221; Sept. 13.
- Barrett, William H., Brooklyn, N. Y., assignor to Leather Designs Incorporated, Boston, Mass. Decorating leather. 2,130,222; Sept. 13.
- Barrey, Etienne, Nanterre, France. Manufacturing dry rectifiers. 2,139,791; Dec. 13.
- Barrington, John W., Baldwin, and M. White, assignors of ten per cent to J. P. Canfield, Brooklyn, N. Y., and 10 per cent to P. S. McLean, Bloomfield, N. J. Door lock. 2,131,033; Sept. 27.
- Barrington, V. N. (See Waters, Harry F., assignor.)
- Barrner, Jacob E., Camden, N. J., assignor to Electrolux, Inc., New York, N. Y. Suction nozzle. 2,131,548; Sept. 27.
- Barron, Arthur S., et al. (See Pollard, John H., assignor.)
- Barron, Charles A. and H. D., Preston, England. Wire-drawing machine. 2,127,989; Aug. 23.
- Barron, Edward T., Minneapolis, Minn. Attachment for automobile mirrors. 2,118,962; May 31.
- Barron, Herbert D. (See Barron, Charles A. and H. D.)
- Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,130,313; Sept. 13.
- Barron, Ray, Toronto, Ontario, Canada. Exhaust muffler. 2,121,242; June 21.
- Barron, William L., Laurence Harbor, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Brake device for sewing machines. 2,127,281; Aug. 16.
- Barros, Ramón, Buenos Aires, Argentina. Revolver. 2,113,822; Apr. 12.
- Barrow, Max, Boston, Mass. Roller screen construction. 2,138,564; Nov. 29.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,108,362; Feb. 15.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,109,126; Feb. 22.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Dust guard for journal boxes. 2,114,662; Apr. 19.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,381; Oct. 11.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,382; Oct. 11.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Journal box. 2,134,499; Oct. 25.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,383; Oct. 11.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,384; Oct. 11.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,385; Oct. 11.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,386; Oct. 11.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,132,387; Oct. 11.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway vehicle spring. 2,137,151; Nov. 15.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,139,434; Dec. 6.
- Barrows, Donald S., assignor, by mesne assignments, to Gould Coupler Corporation, Rochester, N. Y. Cushioning mechanism. 2,141,680; Dec. 27.
- Barrows, W. A., Porcelain Enamel Company. (See Lang, Samuel G., 3rd, assignor.)
- Barry, Cornelius J., Chicago, Ill., assignor to Superior Plating Works. Handle bar. 2,133,010; Oct. 11.
- Barry, Edward H. (See Frankel, E. M., and Barry.)
- Barry, Garrett J., Toledo, Ohio. Mail crane and operating the same. 2,135,272; Nov. 1.
- Barry, Paul, Essen-Ruhr, Germany. Stuffing box packing. 2,132,010; Oct. 4.
- Barry, Pearl, and W. Wilds, Butte, Mont. Clothes drier. 2,128,892; Sept. 6.
- Barry, William A., Houston, Tex. Sharpening device. 2,141,850; Dec. 27.
- Barsch, Guillaume, Paris, France, assignor to Industrie A. G. Allegro, Emmenbrucke, Switzerland. Device for sharpening safety razor blades. 2,119,264; May 31.
- Barsch, Guillaume, Paris, France, assignor to Industrie A. G. Allegro, Emmenbrucke, Switzerland. Knife sharpening device. 2,124,646; July 26.
- Barsi, James E., Newark, N. J., assignor to Anheuser-Busch, Inc., St. Louis, Mo. Merchandise display apparatus. 2,108,096; Feb. 15.
- Barsky, George, New York, N. Y. Preparing an oil varnish. 2,121,334; June 21.
- Barsky, George, New York, N. Y., assignor to Wecoline Products, Inc., Boonton, N. J. Making a synthetic teaseed oil. 2,126,527; Aug. 9.
- Barsky, George, New York, N. Y., G. Klinkenstein, Maplewood, C. Rohleder, Newark, N. J., and C. F. Silleck, Brooklyn, N. Y., assignors to C. J. Osborne Co., New York, N. Y., and Maas & Waldstein Co., Newark, N. J. Pigmented composition. 2,106,447; Jan. 25.
- Barsky, George, New York, N. Y., and S. S. Gutkin, Irvington, N. J.; said Gutkin assignor to said Barsky. Making a varnish base. 2,121,335; June 21.
- Barsky, George, New York, N. Y., and W. C. Hansen, Westfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Coloring coal. 2,129,902; Sept. 13.
- Bart, Blasius, East Orange, N. J. High pressure tank. 2,127,712; Aug. 23.
- Bartek, John S., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Cutter clamping mechanism. 2,104,604; Jan. 4.
- Bartek, John S., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Thread forming chaser supporting and adjusting means. 2,119,036; May 31.
- Bartel, Harry H. (See Bagley, W. E., and Bartel.)
- Bartels, Bernhard. (See Schleede, A., and Bartels.)
- Bartels, Frederick C., Detroit, Mich. Paper retainer. 2,110,947; Mar. 15.
- Bartels, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable amplifier. 2,128,553; Aug. 30.
- Bartels, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Push-pull amplifier. 2,138,898; Dec. 6.
- Bartels, Reinhard B., Marblehead, Mass. Shoe shank stiffener and securing it to a sole member. 2,129,556; Sept. 6.
- Bartelstone, Irving, assignor to A. L. and S. Krakovitz, Philadelphia, and F. Krakovitz, Drexel Hill, Pa. Decorative display and making the same. 2,125,865; Aug. 9.
- Bartgis, Charles P., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing apparatus. 2,108,637; Feb. 15.
- Barth, Paul, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Rolling mill. 2,120,539; June 14.
- Barth, Walther, and H. H. Duerr, assignors to Agfa Ansco Corporation, Binghamton, N. Y. High speed infrared film. 2,134,546; Oct. 25.
- Barthélemy, René, Fontenay aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Matériel d'Usines a Gaz, Montrouge, France. Device for controlling cathode beams. 2,105,177; Jan. 11.
- Barthell, Edward E. (See Pocell, Fred, assignor.)
- Barthelmes, Fritz. (See Walther, F., and Barthelmes.)
- Barthelmess, Emil. (See Falkenstein, E., and Barthelmess.)
- Barthlome, Alfred J., Jr., Hondo, Tex. Hand shield. 2,115,477; Apr. 26.
- Bartholomew, Edward L., Marblehead, Mass., assignor to The Turner Tanning Machinery Company, Portland, Oreg. Making helical blades. 2,132,373; Oct. 4.



- Bartholomew, Howard W., Pottstown, Pa., assignor to Doehler Die Casting Company, Toledo, Ohio. Milling machine. Re. 20,893; Oct. 25.
- Bartholomew, James H., Warsaw, N. Y. Automatic leveling system for elevators. 2,125,876; Aug. 9.
- Bartholomew, Jess M., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping mechanism. 2,134,693; Nov. 1.
- Bartholowsky, Johannes, Los Angeles, Calif. Extensible camping trailer. 2,127,580; Aug. 23.
- Bartlett, Amos C., Braintree, and M. S. Leonard, Hyde Park, Boston, assignors to B. F. Sturtevant Company, Boston, Mass. Centrifugal fan. 2,113,391; Apr. 5.
- Bartlett, C. J., et al. (See Walters, A. L., and Hendrick, assignors.)
- Bartlett, Jeffrey H., and A. H. Gleason, Elizabeth, N. J., assignors to Standard Oil Development Company. Pour inhibitor and manufacturing the same. 2,135,044; Nov. 1.
- Bartlett, John N., Tonawanda, N. Y. Amusement apparatus. 2,107,196; Feb. 1.
- Bartlett, John N., Tonawanda, N. Y. Amusement apparatus. 2,109,041; Feb. 22.
- Bartlett, O. J., et al. (See Guthrie, Andrew J., assignor.)
- Bartlett, William J., South Euclid, assignor to The Electric Heat Control Company, Cleveland, Ohio. Testing apparatus. 2,118,137; May 24.
- Bartmann & Bixler Inc. (See Meyer, Charles, assignor.)
- Bartmess, Rex M., Elkhart, Ind. Display device. 2,115,937; May 3.
- Bartol, George E. Jr., Wynnewood, Pa., assignor to C. Howard Hunt Pen Company, Camden, N. J. Manufacture of pen points. 2,121,542; June 21.
- Barton, Ben D., assignor to American Steam Pump Company, Battle Creek, Mich. Governor for fire-pump apparatus. 2,126,863; Aug. 16.
- Barton Corporation, The. (See Labisky, Arthur H., assignor.)
- Barton, Frederick C., Haddonfield, N. J., assignor to Radio Corporation of America. Phonograph turntable driving mechanism. 2,106,710; Feb. 1.
- Barton, Gilbert C. (See Allen, G. M., and Barton.)
- Barton, James B. (See Smith, W., Hall, and Barton.)
- Barton, James F., Edwardsville, Ill. Concrete key strip support. 2,114,328; Apr. 19.
- Barton, Joseph M., Athol, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 2,133,372; Oct. 18.
- Barton, Larry J., assignor to Clorox Chemical Co., Oakland, Calif. Vented stopper. 2,132,598; Oct. 11.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Radio receiver apparatus. 2,111,381; Mar. 15.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Radio receiver. 2,112,686; Mar. 29.
- Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Remote control apparatus. 2,112,687; Mar. 29.
- Barton, Loy E., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Intermediate frequency amplifier. 2,133,795; Oct. 18.
- Barton, Loy E., Collingswood, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Detector circuit. 2,141,338; Dec. 27.
- Barton, Paul D. (See Banks, D. B., and Barton.)
- Barton, Paul D., Seardsdale, N. Y., assignor, by mesne assignments, to Sun Oil Company, Philadelphia, Pa. Dewaxing hydrocarbon oils. 2,133,338; Oct. 18.
- Barton, Raymond L., Los Angeles, Calif. Method of and means for baking. 2,130,533; Sept. 20.
- Barton, Warren H., Staten Island, N. Y. Mounting for reflector buttons or the like. 2,131,364; Sept. 27.
- Barton, William K. (See Pattison, H. J., and Barton.)
- Bartow, Edward, and W. W. Walker, Iowa City, Iowa. Manufacture of inositol. 2,112,553; Mar. 29.
- Bartram, Charles E., Kansas City, Mo. Rolled stock holder. 2,109,097; Feb. 22.
- Bartram, Thomas W., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Mineral oil composition and treating same. 2,111,300; Mar. 15.
- Bartram, Thomas W., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Mineral oil composition. 2,111,307; Mar. 15.
- Bartsch, Walter, Kreuzberg, Kerzers, Switzerland. Multiple mercury contact device. 2,126,874; Nov. 15.
- Bartsch, Walter, assignor to "Wistral" Ofenbau Gesellschaft m. b. H., Essen, Germany. Filter contrivance for the removal of impurities from gaseous or liquid media. 2,129,985; Sept. 13.
- Bartusch, Alexander P., Lockport, N. Y. Drawing instrument. 2,106,398; Jan. 25.
- Bartz, Frank. (See Vriel, Joseph, assignor.)
- Baruch, Milton, Los Angeles, Calif. Liquid purifier. 2,110,318; Mar. 8.
- Baruch, Milton, Los Angeles, and R. E. Phillips, View park, Calif. Air conditioning apparatus. 2,127,581; Aug. 23.
- Baruch, Milton, Los Angeles, and R. E. Phillips, View park, Calif. Air conditioning method. 2,127,582; Aug. 23.
- Baruch, Sydney N., assignor, by mesne assignments, to Nortron Patents Corp., New York, N. Y. Power translating apparatus. 2,113,392; Apr. 5.
- Barwick, Emerson C., Pinner, England, assignor to General Electric Company. Control of electric motors. 2,122,273; June 28.
- Barwood, Leon J., Cambridge, Mass. Lobster claw lock. 2,108,327; Feb. 15.
- Barwood, Leon J., Cambridge, Mass. Film cut-out. 2,134,392; Oct. 25.
- Barwood, Leon J., Cambridge, Mass. Lobster-claw lock. 2,136,484; Nov. 15.
- Barwood, Leon J., Cambridge, Mass. Lobster-claw lock. 2,138,651; Nov. 29.
- Bary, Victor A., London, England. Lubricated axle bearing. 2,118,138; May 24.
- Bary, Victor A., London, England, assignor to W. Peyerlinghaus, trading as Eisen-und Stahlwerk Walter Peyerlinghaus, Egge, near Volmarstein, Ruhr, Germany. Lubricating means for bearings. 2,132,890; Oct. 11.
- Bary, Woldemar A. (See Skidelsky, Nina, and Bary.)
- Bascom, Henry M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,138,565; Nov. 29.
- Basel, Georg, and E. Schaeffer, Burghausen, Obb., assignors to Dr. Alexander Wacker Gesellschaft fur Elektrochemische Industrie, G. m. b. H., Munich, Germany. Producing tetrachlorethylene. 2,139,219; Dec. 6.
- Basel, George J., Cleveland, Ohio. Flexible door pull and arm rest for automobiles. 2,111,059; Mar. 15.
- Basel, George J., Cleveland, Ohio. Flexible door pull and hand assist for an automobile. 2,130,410; Sept. 20.
- Baselt, Walter H. (See Walcher, E. A., and Baselt.)
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,113,953; Apr. 12.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,114,952; Apr. 19.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,114,953; Apr. 19.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,118,753; May 24.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Light weight brake beam. 2,122,081; June 28.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Unit cylinder clasp brake. 2,129,603; Sept. 6.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,133,242; Oct. 11.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,133,243; Oct. 11.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,135,120; Nov. 1.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,135,121; Nov. 1.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,135,438; Nov. 1.
- Basford, G. M., Company. (See Warwick, Harold L., assignor.)
- Bash, Francis E., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Manufacture of radio tubes. 2,115,759; May 3.
- Basham, Walter N. (See Cox, Raymond E., assignor.)
- Bashara, Samuel F., Houston, Tex. Ship. 2,134,468; Oct. 25.
- Basil, Stephen T., New York, N. Y. Dental instrument. 2,125,980; Aug. 9.
- Basile, Joseph, New York, assignor to Greenpoint Metallic Bed Co., Inc., Brooklyn, N. Y. Bed structure. 2,123,326; July 12.
- Basin, Donald, Washington, D. C., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Oscillation generator. 2,111,080; Mar. 15.
- Baskin, Charles M., Toronto, Ontario, Canada, assignor to Standard Oil Development Company. Production of hot mix cold laid bituminous pavements. 2,104,410; Jan. 4.
- Baskin, Charles M., Toronto, Ontario, Canada, assignor to Standard Oil Development Company. Producing a hot mix cold laid paving mixture. 2,104,411; Jan. 4.
- Baskin, Salem N. (See Edison, Sylvan M., assignor.)
- Basler, George T., Louisville, Ky. Mechanical movement. 2,106,787; Feb. 1.
- Basquin, Olin H. (See Haegle, O. P., and Basquin.)
- Basquin, Olin H., Evanston, and O. P. Haegle, assignors to Streeter-Amet Company. Weighing apparatus. 2,131,683; Sept. 27.
- Bass, John M., Lubbock, Tex. Reinforcement. 2,105,280; Jan. 11.
- Bass, Shailer L. (See Britton, F. C., and Bass.)
- Bass, Shailer L. (See Britton, F. C., Bass, and Hallonquist.)
- Bass, Shailer L. (See Van Duzee, E. M., and Bass.)
- Bass, Shailer L., assignor to The Dow Chemical Company, Midland, Mich. Organic phosphates. 2,111,283; May 17.
- Bass, Shailer L., and E. M. Van Duzee, assignors to The Dow Chemical Company, Midland, Mich. Aryl ethers of substituted phenols. 2,109,456; Mar. 1.
- Bass, Shailer L., and E. M. Van Duzee, assignors to The Dow Chemical Company, Midland, Mich. Aryl ethers of substituted phenols. 2,109,457; Mar. 1.
- Bass, Shailer L., and E. M. Van Duzee, assignors to The Dow Chemical Company, Midland, Mich. Aryl ethers of acyl phenols. 2,109,458; Mar. 1.



- Bass, Shailer L., and E. M. Van Duzee, deceased, by C. H. Macomber, administrator, assignors to The Dow Chemical Company, Midland, Mich. Aralkyl ethers. 2,121,723; June 21.
- Bass, Shailer L., and E. M. Van Duzee, deceased, by C. H. Macomber, administrator, assignors to The Dow Chemical Company, Midland, Mich. Aralkyl ethers of ethyl-phenol compounds. 2,121,724; June 21.
- Bass, Shailer L., and E. M. Van Duzee, assignors to The Dow Chemical Company, Midland, Mich. Aralkyl ether esters. 2,128,901; Sept. 6.
- Bass, Shailer L., and E. M. Van Duzee, deceased, by C. H. Macomber, administrator, assignors to The Dow Chemical Company, Midland, Mich. Aralkyl ethers of hydroxy benzoates. 2,128,902; Sept. 6.
- Basseches, Jacob T. (See Minassian, Fredric S., assignor.)
- Bassett, Charles W. (See Dootson, Norman L., assignor.)
- Bassett, Cyrus W., Montclair, assignor to Elevator Supplies Co., Inc., Hoboken, N. J. Sensitive door edge structure. 2,135,131; Nov. 1.
- Bassett, Francis P. (See Blaylock, R. C., Bassett, Child, and Osborn.)
- Bassett, Joseph A., North Fork, Nev. Sheet material cutter. 2,121,681; June 21.
- Bassett, Robert S., Buffalo, N. Y. Water meter. 2,108,425; Feb. 15.
- Bassett, Robert S., Buffalo, N. Y. Water meter piston. 2,109,916; Mar. 1.
- Bassett, Robert S., Buffalo, N. Y. Device for metering liquids. 2,116,592; May 10.
- Bassett, Walter E., Grand Rapids, Mich. Gear shifting mechanism. 2,116,692; May 10.
- Bassett, William H., Jr., Scarsdale, and A. A. Jones, Hastings on Hudson, assignors to Anaconda Wire & Cable Company, New York, N. Y. Joining wires. 2,113,228; Apr. 5.
- Bassett, William W., Pawtucket, R. I., assignor to A. B. Carter, Incorporated, Gastonia, N. C. Traveler. 2,111,544; Mar. 22.
- Bassett, William W., Pawtucket, R. I., assignor to A. B. Carter, Incorporated, Gastonia, N. C. Traveler. 2,111,545; Mar. 22.
- Bassford, Henry H., Jr., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Manufacture of hydroxy amino compounds. 2,132,454; Oct. 11.
- Bassford, Henry H., Jr., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Preparing hydroxylamine derivatives of cyclic compounds. 2,138,899; Dec. 6.
- Bassick Company, The. (See Claud-Mantle, Arthur, assignor.)
- Bassick Company, The. (See Herold, Walter F., assignor.)
- Bassick Company, The. (See Pope, Dudley E., assignor.)
- Bassick Company, The. (See Sargent, Frank P., assignor.)
- Bassin, Charles S., Newton, assignor to New England Theatres, Inc., Boston, Mass. Film wiper. 2,139,537; Dec. 6.
- Bassler, Karl, Attleboro, Mass., assignor to American Jewelry Chain Company. Key holder. 2,138,994; Dec. 6.
- Bast, Frank J., deceased, Queens Village, by K. Bast, executrix, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Refrigerator controller. 2,115,677; Apr. 26.
- Bast, Frank J., deceased, by K. Bast, executrix, Queens Village, New York, and R. A. F. Sandberg, Brooklyn, assignors to C. J. Tagliabue Mfg. Co., Brooklyn, N. Y. Apparatus for maintaining selected differential values. 2,128,176; Aug. 23.
- Bast, Frank J., Queens Village, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Adjustable control for refrigerators. 2,131,161; Sept. 27.
- Bast, Katherine, executrix. (See Bast, Frank J., assignors.)
- Bastas, Kostas, Ottawa, Ontario, Canada. Container for confections. 2,119,148; May 31.
- Bastian-Blessing Company, The. (See Levings, Sherburne D., assignor.)
- Bastian-Blessing Company, The. (See Oldhaver, Homer W., assignor.)
- Bastian-Blessing Company, The. (See Seitz, Dean C., assignor.)
- Bastian Brothers Company. (See Brown, Frank J., assignor.)
- Bastian Brothers Company. (See Mitchel, Charles F., assignor.)
- Bata, Jan A., Zlin, Czechoslovakia. Shoe and boot making machine. 2,116,819; May 10.
- Batchelder, Clifton T., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Perforating machine. 2,123,875; July 19.
- Batchelder, George W., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of dimers of polyhydric alcohols. 2,110,695; Mar. 8.
- Batchelder, Howard R. (See Kuentzel, W. E., Geissman, and Batchelder.)
- Batchelder, Howard R., Hammond, and W. E. Kuentzel, Whiting, Ind., assignors to Standard Oil Company, Chicago, Ill. Production of improved lubricating oils. 2,111,831; Mar. 22.
- Batchelder, Nelson A., Welland, Ontario, Canada. Yarn dyeing, dressing, and loom beaming. 2,108,188; Feb. 15.
- Batchelder, Nelson A., Welland, Ontario, Canada. Sizing vat. 2,108,189; Feb. 15.
- Batchelder, Nelson A., Welland, Ontario, Canada. Dyeing machine. 2,108,190; Feb. 15.
- Batchelder, Nelson A., West Barrington, R. I. Loom governor. 2,119,413; May 31.
- Batchell, George W., Toledo, Ohio. Framed glazing unit. 2,130,831; Sept. 20.
- Batcheller, Clements, Portsmouth, N. H. Roofing or sheet product. 2,122,192; June 28.
- Batcheller, Clements, Portsmouth, N. H. Acoustical and fire resistant composition fiber insulating board. 2,140,195; Dec. 13.
- Batcheller, Clements, Glens Falls, N. Y. Making wall tile sheets. 2,140,196; Dec. 13.
- Batcheller, Clements, Glens Falls, N. Y. Synthetic marble sheet and forming same. 2,140,197; Dec. 13.
- Batcheller, Clements, Glens Falls, N. Y., assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Sign or license plate. 2,140,067; Dec. 13.
- Batcheller, Clements, Glens Falls, and F. Heft, Troy, N. Y., assignors to Allegheny Ludlum Steel Corporation. Wall. 2,141,946; Dec. 27.
- Batcheller, Hugh W., Waltham, assignor to Standard Mfg. Co., Worcester, Mass. Telltale electric switch. 2,109,790; Mar. 1.
- Batcheller, Hugh W., Waltham, assignor to Standard Mfg. Co., Worcester, Mass. Rheostat. 2,113,366; Apr. 5.
- Batchelor, Clyde S. (See Bockius, C., Batchelor, and Cook.)
- Batchelor, John C., New York, N. Y. Electrooptical method and apparatus. 2,113,473; Apr. 5.
- Batchelor, John C., New York, N. Y. Forming a fluorescent screen. 2,119,309; May 31.
- Batchelor, John C., New York, N. Y. Electronic tube. 2,124,224; July 19.
- Batchelor, John C., New York, N. Y. Luminescent screen. 2,124,225; July 19.
- Batchelor, John C., New York, N. Y. Florescent structure. 2,125,599; Aug. 2.
- Batchelor, John C., Edgewater Park, N. J., assignor to Radio Corporation of America. Cathode ray tube. 2,114,136; Apr. 12.
- Batchelor, John C., New York, N. Y. System of communication. 2,140,730; Dec. 20.
- Batdorf, Seymour, assignor to Liberty Can and Sign Company, Lancaster, Pa. Receptacle opener. 2,124,522; July 26.
- Bate, John, assignor to The Glacier Metal Company Limited, Alpertown, England. Manufacture of bearings. 2,113,073; Apr. 5.
- Bate, John, assignor to The Glacier Metal Company Limited, Alpertown, England. Manufacture of bearings. 2,113,074; Apr. 5.
- Bate, John, assignor to The Glacier Metal Company Limited, Alpertown, England. Manufacture of bearings. 2,119,900; June 7.
- Bate, John, and M. Melhuish, assignors to The Glacier Metal Company Limited, Alpertown, England. Manufacture of bearings. 2,124,132; July 19.
- Bate, Russell O., Macedonia, Ohio. Chick feed trough. 2,106,266; Jan. 25.
- Bateman, Ernest. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
- Bateman, William T., special administrator. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
- Batenburg, Peter J. F., Racine, Wis. Portable liquid diffusing device. 2,126,718; Aug. 16.
- Bater, Charles C. (See Cleman, A. M., Bater, and Lee.)
- Bates, Albert H., assignor to Liberty Foundries Company, Rockford, Ill. Heater. 2,126,696; Aug. 16.
- Bates, Albert J., Jr., Chicago, Ill. Display structure. 2,110,354; Mar. 8.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,109,563; Mar. 1.
- Bates, Charles J., Jr., Englewood, N. J., and G. Del Grosso, assignors to The Mosler Safe Company, Hamilton, Ohio. Bolt actuating mechanism. 2,124,758; July 26.
- Bates, Clifford V., Chicago, Ill. Reciprocating motor. 2,109,953; Mar. 1.
- Bates, Edmond E., Winchester, Mass. Gas meter. 2,118,065; May 24.
- Bates, Elbridge G., et al. (See Rugh, Harry O., assignor.)
- Bates, Ellen S., et al. (See Hammers, James E. and B. F., and Buehler, assignors.)
- Bates, Frank E., et al. (See Hammers, James E. and B. F., and Buehler, assignors.)
- Bates, Fred G. (See Taylor, I. P., and Bates.)
- Bates, Hamilton C. (See Joslyn, Stuart S., assignor.)
- Bates, Hamilton C. (See Watrous, William R., assignor.)
- Bates, Harry H., and W. O., Jr., Joliet, Ill. Safety razor. 2,106,587; Jan. 25.
- Bates, Jesse H., Wauwatosa, assignor to Harnischfeger Corporation, Milwaukee, Wis. Panel fastener. 2,104,550; Jan. 4.
- Bates, Joseph D., Springfield, Mass. Ice pack. 2,120,013; June 7.



- Bates, Lloyd G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass feeding apparatus. 2,106,545; Jan. 25.
- Bates Manufacturing Company, The. (See Lang, William, assignor.)
- Bates, Mark C. (See Faverty, Clyde B., assignor.)
- Bates, Mark C. (See Faverty, C. B., Smith, and Van Bueren, assignors.)
- Bates, Mark C. (See French, Charles A., assignor.)
- Bates, Mark C. (See Welborn, E. C., and Smith, assignors.)
- Bates, Mark C. (See Welborn, E. C., and van Bueren, assignors.)
- Bates, Ralph I. (See Rossman, E. F., Chryst, and Bates.)
- Bates, Ralph I., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber valve. 2,113,013; Apr. 5.
- Bates Manufacturing Company, The. (See Faas, Walter, assignor.)
- Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro magnetic compass. 2,135,229; Nov. 1.
- Bates, Richard, et al. (See Blalock, Eugene, assignor.)
- Bates, Sidney E. (See Overmier, E., Bates, and Rodman.)
- Bates, Vernon G., Chicago, Ill., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Annealing pot. 2,131,931; Oct. 4.
- Bates, Walter C., and R. R. McClure, assignors to Diamond Alkali Company, Painesville, Ohio. Preparing colloidal carbonates. 2,141,458; Dec. 27.
- Bates, William O., Jr. (See Bates, H. H., and W. O., Jr.)
- Batesole, Dwight E., Glenbrook, assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Anti-friction bearing. 2,110,864; Mar. 15.
- Bateson, Tom D., Victoria, British Columbia, Canada. Lawn mower. 2,117,393; May 17.
- Bath, John & Company. (See Bath, Russell F., assignor.)
- Bath, John, & Company. (See Bath, Stanley W., assignor.)
- Bath, John, & Company. (See Bath, S. W., and Ackley, assignors.)
- Bath, John, & Company. (See Bath, S. W., and Allison, assignors.)
- Bath, Russell F., Shrewsbury, assignor to John Bath & Company, Worcester, Mass. Bottoming tap. 2,121,380; June 21.
- Bath, Stanley W., Shrewsbury, assignor to John Bath & Company, Worcester, Mass. Yielding work center. 2,116,135; May 3.
- Bath, Stanley W., Shrewsbury, and E. L. Ackley, assignors to John Bath & Company, Worcester, Mass. Machine for grinding flutes. 2,118,139; May 24.
- Bath, Stanley W., Shrewsbury, and H. M. Allison, assignors to John Bath & Company, Worcester, Mass. Self-adjusting spindle bearing. 2,127,854; Aug. 23.
- Bath, Wilmer H., West Conshohocken, assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal machine. 2,106,688; Jan. 25.
- Bath, Wilmer H., West Conshohocken, assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal machine. 2,126,864; Aug. 16.
- Batie, Joseph E., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Apparatus for forming molds. 2,107,928; Feb. 8.
- Batjer, Henry B., Brooklyn, N. Y. Butter mold. 2,135,025; Nov. 1.
- Battegay, Martin, Mulhouse, France, assignor to Calco Chemical Company, Inc., Bound Brook, N. J. Preparation of anthraquinonylguauidines and substituted anthraquinonylguauidines. 2,112,724; Mar. 29.
- Battelle Memorial Institute. (See Harder, Oscar E., assignor.)
- Battelle Memorial Institute. (See Williams, C. E., and Lorig, assignors.)
- Battelle Memorial Institute, The. (See Lorig, Clarence H., assignor.)
- Battelle Memorial Institute, The. (See Sullivan, John D., assignor.)
- Batten, Percy H., and H. J. Dunkelow, assignors to Twin Disc Clutch Company, Racine, Wis. Clutch mechanism. 2,127,713; Aug. 23.
- Batterman, Elmer F. (See Verderber, J., and Batterman.)
- Battery Patents Corporation. (See Lewis, George S., assignor.)
- Battery Patents Corporation. (See Pease, Earl E., assignor.)
- Battista, Joseph J., and J. J. Di Meglio, South Norwalk, Conn. Plant support. 2,124,049; July 19.
- Battle, Harold P., New Rochelle, N. Y., assignor of one-fourth to J. S. Hargrove. Game table. 2,127,805; Aug. 23.
- Battles, Stewart S., Chicago, Ill., and H. L. Ahlbeck, Cincinnati, Ohio, assignors to Borg-Warner Corporation, Chicago, Ill. Barrel. 2,133,796; Oct. 18.
- Baud, Albert, Paris, France. Crude oil engine. 2,126,442; Aug. 9.
- Bauder, Raymond E., Chicago, Ill. Check protecting means. 2,124,535; July 26.
- Bauer, August, Brooklyn, N. Y. Wing turbine unit. 2,111,136; Mar. 15.
- Bauer, Charles A., Springfield, Mass., assignor to The Cardinal Corporation, Evansville, Ind. Ice tray. 2,138,058; Nov. 20.
- Bauer, Emory L., assignor to Emory L. Bauer, Inc., Wilmington, Del. Baffle for heaters. 2,140,125; Dec. 13.
- Bauer, Emory L., Inc. (See Bauer, Emory L., assignor.)
- Bauer, Frederick G., St. Louis, Mo. Surfacing tool. 2,125,709; Aug. 2.
- Bauer, George, Leominster, Mass. Arch support. 2,119,850; June 7.
- Bauer, Gustav, Hamburg, Germany. Manufacture of hydraulic couplings. 2,116,181; May 3.
- Bauer, Hans F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Utilizing edible materials. 2,113,570; Apr. 12.
- Bauer, John, Sunnyside, and M. Grau, New York, N. Y. Coin dispenser. 2,111,832; Mar. 22.
- Bauer, John A., Lawrenceburg, Ind. Barrel measuring device. 2,119,037; May 31.
- Bauer, John E., Muncie, Ind., assignor to Owens-Illinois Glass Company. Wall construction. 2,115,513; Apr. 26.
- Bauer, Jordan V. (See Rowland, B. W., and Bauer.)
- Bauer, Karl, Frankfurt-on-the-Main, and F. Pressel and H. Medweth, Rheinfelden/Baden, assignors to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Stable oxygen-yielding washing powder. 2,128,113; Aug. 23.
- Bauer, Paul S. (See Wolff, Otto E., assignor.)
- Bauerle, Paul, Astoria, Long Island, N. Y. Safety razor. 2,141,339; Dec. 27.
- Bauer, R. S., trust. (See Wolff, Otto E., assignor.)
- Bauer, Richard I., assignor to Sanitary Headwear Mfrs., Inc., Philadelphia, Pa. 2,111,444; Mar. 15.
- Bauer, Stefan G., Cambridge, England. Emulsification of liquids and apparatus therefor. 2,116,380; May 3.
- Bauer, Stewart T. (See Ralston, A. W., and Bauer.)
- Bauer, Walter. (See Röhms, O., and Bauer.)
- Bauer, Walter B., Springfield, Ohio. Spacer for automobile hoods and its seat. 2,128,577; Aug. 30.
- Bauer, Walter C., Rockville, Md. Filtering unit for lubricant-circulating systems of internal combustion engines having overhead valves. 2,119,619; June 7.
- Bauer, Walter, Darmstadt, Germany, assignor to Röhms & Haas Company, Philadelphia, Pa. Condensation products. 2,132,671; Oct. 11.
- Bauer, Walter, and P. Weisert, Darmstadt, Germany, assignors to Röhms & Haas Company, Philadelphia, Pa. Laminated glass. 2,137,377; Nov. 22.
- Bauer, Wilhelm. (See Muenster, W., Bauer, Koerberle, and Berli.)
- Bauer, William, assignor to The Tappan Stove Company, Mansfield, Ohio. Electric range and control system therefor. 2,107,173; Feb. 1.
- Bauerfeld, Walther, assignor to the firm of Carl Zeiss, Jena, Germany. Curved tooth for bevel gear wheels. 2,114,793; Apr. 19.
- Baughman, George W., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Acceleration control system. 2,106,474; Jan. 25.
- Baughman, George W., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,113,641; Apr. 12.
- Baughman, George W., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Track shunting apparatus. 2,114,554; Apr. 19.
- Baughman, Harry C., Sparrows Point, Md., assignor to Bethlehem Steel Company. Cleaning device for regenerators. 2,119,310; May 31.
- Baughman, Harry S., Barberton, and M. S. Lower, Wadsworth, assignors to The Sun Rubber Company, Barberton, Ohio. Key container. 2,119,068; May 31.
- Baughman, John, and J. Venetta, Warren, Ohio. Lighting device. 2,129,641; Sept. 13.
- Baughman, Samuel E., Broadwell, Ill. Material distributor or spreader. 2,120,169; June 7.
- Baule, Gerhard H. J., Syracuse, N. Y. Control for fluid motors. 2,117,595; May 17.
- Baule, Gerhard H. J., assignor to Hall & McChesney, Inc., Syracuse, N. Y. Loose leaf binder. 2,133,373; Oct. 18.
- Bauler, George A., Minneapolis, Minn. Tooth brush. 2,124,647; July 26.
- Bauley, George H. (See Bosh, T. S., and Bauley.)
- Baum, Walter H., New York, N. Y. Measuring spout for receptacles. 2,122,906; July 5.
- Bauman, Joseph. (See Williams, J. J., and Bauman.)
- Baumann, Berthold, assignor to Triumph Werke Nuernberg A. G., Nuernberg, Germany. Typewriter. 2,117,235; May 10.
- Baumann, Carl A., Jr., Clinton, Pa. Protecting the sides of craft. 2,127,671; Aug. 23.
- Baumann, Erich. (See Obendorf, H., Baumann, and Holzach.)
- Baumann, Erich, Dessau-Zschig, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyes and manufacturing the same. 2,118,664; May 24.
- Baumann, Fritz, Leverkusen I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Phosphorous acid esters of hydroxyalkylanthraquinones. 2,104,286; Jan. 4.
- Baumann, Fritz, Leverkusen I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,122,601; July 5.
- Baumann, Henry N., Jr. (See Benner, R. C., and Baumann.)



- Baumann, Karl, Wilmslow, England, assignor to General Electric Company. Device for controlling temperatures in fluid heating apparatus. 2,116,424; May 3.
- Baumann, Karl, Basel, and A. Ettinger, Birsfelden, near Basel, Switzerland. Landing means for aircraft. 2,132,599; Oct. 11.
- Baumann, Lewis A., Fort Thomas, Ky., assignor to French Bauer Incorporated, Cincinnati, Ohio. Apparatus for measuring foreign matter present in liquids. 2,119,501; May 31.
- Baumann, Walter, Leuna, and J. Hirschbeck, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of ethyl chloride. 2,118,662; May 24.
- Baumann, William J., Philadelphia, Pa. Gauging saw blades. 2,112,432; Mar. 29.
- Baumbach, Emil A., Chicago, Ill. Broaching apparatus. 2,114,276; Apr. 19.
- Baumeister, Fitch J., Park Ridge, assignor, by mesne assignments, to North American Service Company, Chicago, Ill. Sign. Re. 20,756; June 14.
- Baumert, Karl, and R. S. Bley, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Recovering carbon bisulphide. 2,133,244; Oct. 11.
- Baumfalk, John, Jersey City, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,141,372; Dec. 27.
- Baumgardner, Versal F., Celina, Ohio. Hitch means. 2,119,263; May 31.
- Baumgarten, Henri G., Rotterdam, assignor to N. V. Eau de Colognefabriek Johann Maria Farina, Amsterdam, Netherlands. Safety hair cutting appliance. 2,141,340; Dec. 27.
- Baumgarten, Paul, Berlin-Halensee, assignor of one-half to P. W. Rosenfeld, Berlin-Dahlem, Germany. Photographic camera with built-in developing device. 2,125,536; Aug. 2.
- Baumgartner, Philip T., Gardner, Mass. Shock absorbing chassis for a child's vehicle. 2,132,841; Oct. 11.
- Baumgratz, Ernst, F. Kratz, and H. Steinhart, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Power-operated tool. 2,127,855; Aug. 23.
- Baumhauer, Heinrich, Berlin-Spandau, and W. Fehse, Berlin-Lichterfelde, Germany, assignors to General Electric Company. Lamp unit. 2,135,696; Nov. 8.
- Baumheckel, William M., Cincinnati, Ohio. Pull lever. 2,136,095; Nov. 8.
- Baumheckel, William M., Cincinnati, Ohio, assignor to B. E. B. Corporation, Detroit, Mich. Water pump seal. 2,113,167; Apr. 5.
- Baumwallspinnerei Gronau. (See Stroink, Herbert, assignor.)
- Baumzweiger, Benjamin, Cincinnati, assignor of one-half to F. E. Hauss, Norwood, Ohio. Condenser tester. 2,121,725; June 21.
- Baur, John W., Chicago, Ill., and E. A. Nahm, Baldwin, N. Y., assignors to Johnson Fare Box Company, Chicago, Ill. Electrical control system for fare boxes. 2,118,914; May 31.
- Baur, John W., H. Van Zuilen, and C. F. Rogier, assignors to Johnson Fare Box Company, Chicago, Ill. Electrical control system for vehicle fare boxes. 2,128,900; Sept. 6.
- Baur, Karl, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of mercaptans. 2,116,182; May 3.
- Bausch & Lomb Optical Company. (See Anderson, Carl E., assignor.)
- Bausch & Lomb Optical Company. (See Aspenleiter, Joseph W., assignor.)
- Bausch & Lomb Optical Company. (See Bausch, William, assignor.)
- Bausch & Lomb Optical Company. (See Bissell, Everett S., assignor.)
- Bausch & Lomb Optical Company. (See Bouchard, Samuel E., assignor.)
- Bausch & Lomb Optical Company. (See Burroughs, Kenneth C., assignor.)
- Bausch & Lomb Optical Company. (See Cook, A. A., and Trautmann, assignors.)
- Bausch & Lomb Optical Company. (See Diggins, Bartholomew A., assignor.)
- Bausch & Lomb Optical Company. (See Dittmer, Arthur F., assignor.)
- Bausch & Lomb Optical Company. (See Ellestad, G. A., and Jobe, assignors.)
- Bausch & Lomb Optical Company. (See Eppenstein, Otto, assignor.)
- Bausch & Lomb Optical Company. (See Fassin, Gustave, assignor.)
- Bausch & Lomb Optical Company. (See Freund, Otto, assignor.)
- Bausch & Lomb Optical Company. (See Gallasch, G. B., and Kurtz, assignors.)
- Bausch & Lomb Optical Company. (See Hall, L. B., and Kurtz, assignors.)
- Bausch & Lomb Optical Company. (See Jones, F. L., and Kirschmaier, assignors.)
- Bausch & Lomb Optical Company. (See Martin, Allan F., assignor.)
- Bausch & Lomb Optical Company. (See McCabe, Joseph J., assignor.)
- Bausch & Lomb Optical Company. (See McCabe, J. J., and Schelling, assignors.)
- Bausch & Lomb Optical Company. (See Papello, Karl, assignor.)
- Bausch & Lomb Optical Company. (See Rayton, Wilbur B., assignor.)
- Bausch & Lomb Optical Company. (See Reh, Edward J., assignor.)
- Bausch & Lomb Optical Company. (See Sabel, John C., assignor.)
- Bausch & Lomb Optical Company. (See Simpson, Leon G., assignor.)
- Bausch & Lomb Optical Company. (See Smith, Joseph W., assignor.)
- Bausch & Lomb Optical Company. (See Sterling, Scott, assignor.)
- Bausch & Lomb Optical Company. (See Trautmann, Otto E., assignor.)
- Bausch, Viktor T., Berlin, and A. Schroth, Neu-Kaliss, Mecklenburg, assignors to Felix Schoeller & Bausch, Mecklenburg, Germany. Manufacture of safety paper. 2,112,756; Mar. 29.
- Bausch, William, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. 2,112,644; Mar. 29.
- Bäwer, Johannes A., Gothenburg, Sweden. Hospital bed or the like. 2,108,913; Feb. 22.
- Baxendale, Samuel, Dearborn, Mich. Stock feeding mechanism. 2,111,308; Mar. 15.
- Baxendale, Samuel, Dearborn, Mich. Supplemental stock feeding means for multiple spindle machine tools. 2,115,938; May 3.
- Baxter, Berry A., Altadena, Calif. Vacuum cleaner support. 2,122,632; July 5.
- Baxter, Berry A., Altadena, Calif. Vacuum cleaner conduit. 2,122,633; July 5.
- Baxter, Berry A., assignor to G. C. Baxter, Altadena, Calif. Vacuum cleaner nozzle. 2,112,978; Apr. 5.
- Baxter, Charles F., Kansas City, Kans. Floating minnow bucket. 2,111,959; Mar. 22.
- Baxter, Clyde M., San Clemente, Calif. Wheel attachment. 2,109,098; Feb. 22.
- Baxter, Don, Inc. (See Richards, Thomas S. J., assignor.)
- Baxter, Ellsworth. (See Lohr, R., and Baxter.)
- Baxter, Ernest W., Detroit, Mich. Steering mechanism. 2,134,748; Nov. 1.
- Baxter, Gladys C. (See Baxter, Berry A., assignor.)
- Baxter, Gustave S., Detroit, Mich., assignor, by mesne assignments, to American Machine and Foundry Company. Bread wrapping machine. 2,133,339; Oct. 18.
- Baxter, James W., Ellwood City, Pa., assignor to National Tube Company. Making a tubular article. 2,132,555; Oct. 11.
- Baxter, John P., Widnes, England, assignor to Imperial Chemical Industries Limited. Production of solid chlorinated rubber products. 2,110,785; Mar. 8.
- Baxter, John P., Widnes, T. N. Montgomery, Lancaster, and J. G. Moore, Runcorn, England, assignors to Imperial Chemical Industries Limited. Treatment of solutions of chlorinated rubber. 2,104,069; Jan. 4.
- Baxter, John P., Widnes, and L. J. Burrage, Liverpool, England, assignors to Imperial Chemical Industries Limited. Production of carbon disulphide. 2,107,264; Feb. 1.
- Baxter Laboratories, Inc. (See Erikson, E. W., and Nessel, assignors.)
- Baxter Laboratories, Inc. (See Falk, Harry N., assignor.)
- Baxter, Thomas A., Nottingham, England. Liquid dispensing or measuring device. 2,113,501; Apr. 5.
- Baxter, William C., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Fitting for collapsible tubs. 2,137,223; Nov. 22.
- Baxter, William C., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Combination bathtub and dressing table. 2,140,685; Dec. 20.
- Bayan, Sergio, Baguio, P. I. Loom. 2,114,206; Apr. 12.
- Bayard, Margret, Brooklyn, N. Y. Curtain rod. 2,133,268; Oct. 18.
- Bayardi, Armand, New York, N. Y. Combination clip and brooch. 2,118,639; May 24.
- Bayer Company, The. (See Hiemenz, W., and Freedman, assignors.)
- Bayer, Matthew F. (See Woller, E. E., Travis, and Bayer.)
- Bayer, Otto. (See Ballauf, F., and Bayer.)
- Bayer, Otto. (See Delfs, D., and Bayer.)
- Bayer, Otto. (See Kleiner, H., Bayer, and Kunze.)
- Bayer, Otto. (See Nelles, J., and Bayer.)
- Bayer, Otto. (See Schrader, G., and Bayer.)
- Bayer, Otto. (See Schrader, G., Bayer, and Kükenthal.)
- Bayer, Otto, Leverkusen, and J. Nelles, Leverkusen-Schlebusch, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. A,B-dihalogenethyketones. 2,137,664; Nov. 22.
- Bayerdorffer, Max, New York, N. Y. Impression making or printing means. 2,125,877; Aug. 9.
- Bayerl, Alfons, and K. Kösslinger, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of alkali cellulose. 2,106,111; Jan. 18.
- Bayerl, Karl J., Willoughby, Ohio. System for transporting freight. 2,121,181; June 21.
- Bayernwerk A.-G. (See Glasser, H., and Gröbl, assignors.)



- Bayers, George W., Denver, Colo. Air pump. 2,109,718; Mar. 1.
- Bayless, Frank B., Oil City, Pa., assignor to Oil Well Supply Company, Dallas, Tex. Sucker rod and manufacturing the same. 2,119,698; June 7.
- Bayley, William, Company, The. (See Bayley, William D., assignor.)
- Bayley, William D., assignor to The William Bayley Company, Springfield, Ohio. Detention window. 2,137,437; Nov. 22.
- Bayley, William D., Springfield, Ohio. Window assembly. 2,137,438; Nov. 22.
- Bayley, William D., Springfield, Ohio. Window assembly. 2,137,439; Nov. 22.
- Baylis, Adelaide B., Bedford, N. Y., assignor to Radio Corporation of America. Antenna device. 2,128,554; Aug. 30.
- Baylis, Robert M., Dayton, Ohio. Aerial toy. 2,105,579; Jan. 18.
- Bayliss, Ben W., Spokane, Wash. Grubbing blade for rakes. 2,114,518; Apr. 19.
- Bayliss, Francis J., Walsall, England. Waist and like belt and band and their fastening. 2,137,796; Nov. 22.
- Bayliss, Milward. (See Halvorson, H. O., Bayliss, and Wilson.)
- Bayne, George M., Hamilton, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric toaster. 2,106,824; Feb. 1.
- Baynton, Harold H., and J. W. Foster, Freehold, N. J., assignors to A. & M. Karagheusian, Inc., New York, N. Y. Rug and carpet. 2,104,941; Jan. 11.
- Bays, George S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Secondary recovery of oil from underground reservoirs. 2,135,319; Nov. 1.
- Bays, George S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Hydraulic-pneumatic pumping system. 2,141,703; Dec. 27.
- Bay State Optical Company. (See Nerney, George E., assignor.)
- Bay West Paper Company. (See Vaughan, F. P., Krueger, and Slye, assignors.)
- Bazeley, Arthur J., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism for car couplers. 2,125,711; Aug. 2.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sole fitting machine. 2,104,113; Jan. 4.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 2,107,281; Feb. 8.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Self-clinching rivet. 2,108,842; Feb. 22.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for covering heels. 2,119,840; June 7.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching and flap laying machine. 2,123,926; July 19.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to The United Shoe Machinery Corporation, Paterson, N. J. Shoe and shoemaking. 2,125,328; Aug. 2.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 2,137,326; Nov. 22.
- Beach, Charles H., Norcross, Minn. Detachable traction lutz. 2,129,557; Sept. 6.
- Beach, Everett E., and A. O. Arnold, Kansas City, Mo. Duck call. 2,116,183; May 3.
- Beach, Frederick E. (See Petersen, E. G., and Beach.)
- Beach, Harold K., Cranford, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Apparatus for continuous wire drawing. 2,126,528; Aug. 9.
- Beach, Neal M., Fairport, assignor to General Foods Corporation, New York, N. Y. Pectin and preparing same. 2,115,479; Apr. 26.
- Beach, Raymond S., Avon, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Packing support. 2,139,063; Dec. 6.
- Beach, Royal A., assignor to The Dumore Company, Racine, Wis. Rheostat. 2,131,323; Oct. 25.
- Bead Chain Manufacturing Company, The. (See Blatz, Warren D., assignor.)
- Beadle, Blanche E., Springfield, Mass. Hair curler. 2,133,797; Oct. 18.
- Beal, Arthur G., and B. Hohnberg, assignors to The Foxboro Company, Foxboro, Mass. Method of and apparatus for printing instrument charts or the like. 2,104,551; Jan. 4.
- Beal, Carl L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Treating rubber. 2,111,162; Apr. 12.
- Beal, Carl L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Method and apparatus for molding articles. 2,124,871; July 26.
- Bente, Edward B., Winnetka, assignor to Standard Oil Company, Chicago, Ill. Moistureproofing. 2,116,184; May 3.
- Bentl, Don L., Goshen, Ind. Self cleaning rake. 2,126,719; Aug. 16.
- Beall Improvements Company, The. (See Dempsey, Henry C., assignor.)
- Beall, Inez L. (See Beall, Lee M.)
- Beall, Lee M., Tulsa, Okla. Arch and wall construction. 2,105,804; Jan. 18.
- Beall, Lee M., Tulsa, Okla., assignor, by decree of court, to I. L. Beall. Furnace. 2,114,960; Apr. 19.
- Beals, Albert E., Norwich, N. Y. Control of gas or vapor compressors. 2,140,306; Dec. 13.
- Beam, James R., assignor to Universal Sanitary Manufacturing Co., New Castle, Pa. Water closet. 2,129,398; Sept. 6.
- Beam, Vilynn O., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Automatic control for fuel burning apparatus. 2,112,554; Mar. 29.
- Beamer, Charles W., Mojave, Calif. Sanitary bed pan container. 2,128,669; Aug. 30.
- Bean, Clinton, New Rochelle, N. Y. Dental device. 2,113,439; Apr. 5.
- Bean, Fred K. (See Clarke, H. T., and Bean.)
- Bean, Frederic K., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing hydroxyhydroquinone. 2,118,141; May 24.
- Bean, Melvin J., Wellesley, Mass. Solvent dispensing apparatus. 2,141,638; Dec. 27.
- Bean, Robert F., Bridgeport, Conn., assignor to General Electric Company. Juice extractor. 2,121,622; June 21.
- Bean, Vernon J. (See Wasson, J. E., and Bean.)
- Beanland, Charles P., Chelmsford, England, assignor to Radio Corporation of America. Delayed automatic gain control circuit. 2,135,556; Nov. 8.
- Bear, Albert B., St. Paul, Minn., assignor of eight and one-sixth percent to S. Henry, eight and one-sixth percent to T. Nikas, eight and one-sixth percent to J. Pontikis, eight and one-sixth percent to H. H. McGill, eight and one-sixth percent to C. D. Pamel, eight and one-sixth percent to N. Chiomes, and ten percent to J. Goff. Variable speed transmission mechanism. 2,120,953; June 14.
- Bear, Albert B., St. Paul, Minn., assignor of eight and one-sixth percent to S. Henry, eight and one-sixth percent to T. Nikas, eight and one-sixth percent to J. Pontikis, eight and one-sixth percent to H. H. McGill, eight and one-sixth percent to C. D. Pamel, eight and one-sixth percent to N. Chiomes, and ten percent to J. Goff. Friction clutch mechanism. 2,131,579; Sept. 27.
- Bear, Joseph W., Roanoke, and R. R. Sublette, Vinton, assignors to Double Envelope Corporation, Roanoke, Va. Envelope. Re. 20,615; Jan. 11.
- Bear Manufacturing Company. (See Wochner, Henry, assignor.)
- Bear, Paul S., Elkhart, Ind., assignor to James Heddon's Sons, Dowagiac, Mich. Fish lure. 2,116,994; May 10.
- Bear, Paul S., assignor, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Switch. 2,132,921; Oct. 11.
- Bear, Paul S., assignor, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Switch. 2,132,922; Oct. 11.
- Bear, Paul S., assignor, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Preparation of mercury for use in mercury switches. 2,134,694; Nov. 1.
- Bear, Paul S., and H. E. Bucklen, assignors to Bucklen-Bear Laboratories, Inc. Elkhart, Ind. Switch. 2,132,920; Oct. 11.
- Bear, Paul S., Dowagiac, Mich., and H. E. Bucklen, assignors, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Switch. 2,137,711; Nov. 22.
- Bear Creek Company, The. (See Beckwith, L. C., Leuschner, and Fordham, assignors.)
- Beard, Earl E. (See Lulek, R. N., and Beard.)
- Beard, Earl E., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthrimide series. 2,133,072; Oct. 11.
- Beard, Theodore H., J. E. Renholdt, and C. H. Merritt, III, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Dictating machine. 2,117,236; May 10.
- Beardsley, Guy E., Jr., and W. A. Parkins, West Hartford, Conn., assignors, by mesne assignments, to United Aircraft Corporation. Fuel feeding device for engines. 2,116,876; May 10.
- Beardsley, Leo R. (See Slaughter, George H., assignor.)
- Beardsley, Orle L., Gary, Ind. Spade for a gun trail. 2,101,015; Jan. 4.
- Beardsley, Orle L., Gary, Ind. Gun carriage. 2,108,702; Feb. 22.
- Beardsley, Orle L., Gary, Ind. Trail and drawbar connection for gun carriages. 2,115,002; Apr. 24.
- Beardsley, Osmer G., South Bend, Ind. Coupling for combined motor cars and trailers. 2,107,881; Feb. 8.
- Beardsley & Piper Company, The. (See Piper, Walter F., assignor.)
- Beaurum Metals Corporation. (See Langworthy, Edward P., assignor.)
- Beckley, Archie H., and D. H. Donahoe, Kalamazoo, N. C. Humidifier control apparatus. 2,122,000; June 28.
- Beasley, Edward R., Ruxton, assignor of one-fourth to C. E. Hutzel, Baltimore, Md. Nut lock. 2,125,878; Aug. 9.



- Beaton & Cadwell Manufacturing Company, The. (See Work, Ernest W., assignor.)
- Beattie, Clay H., Jr. (See Hering, D. and Beattie.)
- Beattie, James, assignor to Wall & Ochs, Philadelphia, Pa. Center structure for eyeglasses and spectacles. 2,140,044; Dec. 13.
- Beattie, James F., Norwood, N. J., and W. R. Roycroft, Ozone Park, assignors to Western Electric Company, Incorporated, New York, N. Y. Teletypewriter system. 2,112,234; Mar. 29.
- Beattie, James F., Norwood, and H. J. Cunningham, Scotch Plains, N. J., and W. R. Roycroft, Ozone Park, N. Y.; said Beattie and said Roycroft assignors to Western Electric Company, Inc., and said Cunningham assignor to American Telephone and Telegraph Company. Teletypewriter system. 2,120,235; June 14.
- Beattie, Robert W., Bloomfield, N. J., assignor to Halowax Corporation, New York, N. Y. Extraction of sulphur. 2,118,140; May 24.
- Beattie, Wilfred A. S., Makaroff, Manitoba, Canada. Grain cleaner. 2,139,435; Dec. 6.
- Beattie, William P., assignor to The American Laundry Machinery Company, Norwood, Ohio. Press control mechanism. 2,139,064; Dec. 6.
- Beattie, William P., Norwood, and G. W. Johnson, Cincinnati, assignors to The American Laundry Machinery Company, Norwood, Ohio. Dump washer. 2,112,514; Mar. 29.
- Beatty, David E. (See Uecker, B. A., Rambo, and Beatty.)
- Beatty, David E., and I. G. Rambo, Wauwatosa, Wis., assignors, by mesne assignments, to Safway Steel Scaffolds Co. of America, Wilmington, Del. 2,126,720; Aug. 16.
- Beatty, George R., assignor to Reynolds Spring Company, Jackson, Mich. Upholstered spring construction. 2,109,764; Mar. 1.
- Beatty-Page, Inc. (See Page, Leslie M., assignor.)
- Beauchamp, George D., assignor to Electro String Instrument Corporation, Los Angeles, Calif. Stringed musical instrument. 2,130,174; Sept. 13.
- Beauchamp, Harold G., assignor to E. Babel, Chicago, Ill. Protecting electrical devices. 2,120,457; June 14.
- Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door lock. Re. 20,616; Jan. 11.
- Beau May Process Corporation. (See Wickenden, Leonard, assignor.)
- Beaudry, William A., Wallace, Idaho. Crushing mill. 2,108,160; Feb. 15.
- Beaudry, William A., Wallace, Idaho. Crushing mill. 2,109,856; Mar. 1.
- Beaulieu, Oliver. (See Van Buskirk, William H., assignor.)
- Beaumont, Charles A., Decatur, and F. Sherritt, Chicago, Ill. Safety tread. 2,106,399; Jan. 25.
- Beaumont, Eugene P., New York, N. Y., assignor to Whiting Manufacturing Company, Minneapolis, Minn. Automatic chain lock. 2,113,104; Apr. 5.
- Beaumont, Eugene P., New York, N. Y., assignor to Whiting Manufacturing Company, Minneapolis, Minn. Automatic chain lock. 2,113,105; Apr. 5.
- Beaumont, Oliver H. (See Lykos, J., and Beaumont.)
- Beaurline, Arthur W., Chicago, Ill. Fountain brush. 2,130,223; Sept. 13.
- Beautee-Fit Company. (See Becker, A. S., and Andrus, assignors.)
- Beaver, C. J. (See Farmer, C. S., Beaver, and Fairfield.)
- Beaver, Charles J., and E. L. Davey, Cheshire, assignors to W. T. Glover and Company Limited, Trafford Park, Manchester, England. Joints for electric cables. 2,118,546; May 24.
- Beaver Pipe Tools, Inc. (See Phillis, William A., assignor.)
- Beaverite Products, Inc. (See Rossi, George S., assignor.)
- Beaverstock, Elisha F., Holyoke, Mass. Direction indicator control switch. 2,129,558; Sept. 6.
- Bebray, Percy P., Brookline, Mass. Couch. 2,107,882; Feb. 8.
- Bechaud, Adolph B., assignor of one-half to A. J. Bechaud and one-half to B. A. Bechard, Fond du Lac, Wis. Container. 2,139,792; Dec. 13.
- Bechaud, Audrey J., et al. (See Bechaud, Adolph B., assignor.)
- Bechaud, Barbara A., et al. (See Bechaud, Adolph B., assignor.)
- Bechberger, Paul F., Bergenfield, N. J., Charles S. Thompson, Brooklyn, N. Y., and F. Holborn, Cedar Grove, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Selector voice frequency relay. 2,131,424; Sept. 27.
- Becher, Hubert L., Trenton, N. J., assignor to Homasote Company. Fire resistant pulp board. 2,108,761; Feb. 15.
- Becher, Wesley R. (See Biberthaler, M. G., and Becher.)
- Béchereau, Louis, and R. Carroué, Paris, France. Shock absorber. 2,107,974; Feb. 8.
- Bechert & Co., Drahtstifte, Schrauben- und Stahlindustrie-Aktiengesellschaft. (See Meersteiner, Johann, assignor.)
- Bechik, Michael, St. Paul, Minn. Handle. 2,105,580; Jan. 18.
- Bechik, Michael, St. Paul, Minn. Mattress and cushion handle. 2,122,355; June 28.
- Bechik, Michael, St. Paul, Minn. Handle for mattresses, cushions, and the like. 2,131,211; Sept. 27.
- Bechik, Michael, St. Paul, Minn. Handle for mattresses and the like and making the same. 2,131,212; Sept. 27.
- Bechman, William O. (See Borgerd, W. F., Bechman, and Harmon.)
- Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Final drive mechanism for crawler tractors. 2,119,770; June 7.
- Bechtner, Paul. (See Kauffman, Harold L., assignor.)
- Bechtold, Reuben E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Interlocking mechanism for gasoline dispensers. 2,108,028; Feb. 8.
- Bechtold, Reuben E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,138,755; Nov. 29.
- Beck, Adolf, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Refining magnesium. 2,105,342; Jan. 11.
- Beck, Adolf, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Remelting and refining magnesium and light metal alloys containing magnesium. 2,107,282; Feb. 1.
- Beck, Arnold J. (See Palmieri, M., and Beck.)
- Becker, August M., New York, N. Y., assignor to F. A. Becker, Cliffside, N. J. Coating machine. 2,139,652; Dec. 13.
- Beck, Blanche, et al. (See Beck, Clarence E., assignor.)
- Beck, Charles R. and G. L., Anderson, Ind., assignors to Hillerich & Bradsky Co., Louisville, Ky. Apparatus for treating baseball bats. 2,105,466; Jan. 18.
- Beck, Charles W., Toledo, Ohio. Atomizer. 2,120,948; June 14.
- Beck, Charles W., assignor, by mesne assignments, to N. M. Beck, Toledo, Ohio. Steering wheel. Re. 20,807; July 26.
- Beck, Clarence E., assignor of forty-seven per cent to A. T. Hanby, eight per cent to B. Beck, and five per cent to J. H. Taft, Philadelphia, Pa. Carbonated beverage. 2,107,559; Feb. 8.
- Beck, Dunbar, Hadlyme, Conn., assignor, by mesne assignments, to Steinway & Sons, New York, N. Y. Piano. 2,134,680; Nov. 1.
- Beck, Garnett L. (See Beck, Charles R. and G. L.)
- Beck, George, Irvington, N. J. Fish lure. 2,121,114; June 21.
- Beck, George, Irvington, N. J. Trolling ballast. 2,121,279; June 21.
- Beck, George, Irvington, N. J. Fish lure. 2,127,761; Aug. 23.
- Beck, George C., Spokane, Wash. Abrasive treater. 2,132,600; Oct. 11.
- Beck, Hans, Stuttgart-Bad-Cannstatt, Germany, assignor to Aktiebolaget Svenska Kullagerfabriken, Göteborg, Sweden. Producing sheet metal cages for cylindrical roller bearings. 2,122,365; June 28.
- Beck, Harry P., Lake City, Minn. Trousers support. 2,104,287; Jan. 4.
- Beck, Heinz, Bremen, Germany. Arc lamp with automatic regulation of the negative electrode. 2,123,645; July 12.
- Beck, Julius S., Los Angeles, Calif. Rotary automatic latch trip socket. 2,122,602; July 5.
- Beck, Koller & Company. (See Jarl, C. H. B., and Hovey, assignors.)
- Beck, Koller & Company. (See Jarl, C. H. B., and Severin, assignors.)
- Beck, Koller & Company. (See Reichhold, H., and Jarl, assignors.)
- Beck, Michel, Winnetka, Ill. Waving hair. 2,139,436; Dec. 6.
- Beck, Nellie M. (See Beck, Charles W., assignor.)
- Beck, Ove S., Alameda, assignor of one-half to L. B. Thomas, Berkeley, Calif. Indicating device. 2,132,923; Oct. 11.
- Beck, Roy C. (See Jenking, A. C., and Beck.)
- Beck, Rudolf, and J. Briscoe, Bridgeport, Conn., assignors, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Method of and apparatus for controlling pressure fluid. 2,133,073; Oct. 11.
- Beck, William J. Yonkers, N. Y. Automatic weighing scale. 2,131,034; Sept. 27.
- Becker, Abraham S., and Z. M. Andrus, assignors to Beautee-Fit Company, Inc., Los Angeles, Calif. Brassière construction. 2,131,213; Sept. 27.
- Becker, Albert W., Hartford, assignor of forty one-hundredths to A. Mauro, New Britain, and one-fourth to A. G. Bergmann and J. H. Dunn, Ansonia, Conn. Number plate. 2,110,119; Mar. 1.
- Becker, Bernard C. (See White, H. B., and Becker.)
- Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,114,099; Apr. 12.
- Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,139,146; Dec. 6.
- Becker, Edmund H. (See Martus, M. L., and Becker.)
- Becker, Frank A. (See Becker, August M., assignor.)
- Becker, Fred F., assignor, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Making structural units. 2,131,883; Oct. 4.
- Becker, George W., Silver Lake, assignor, by mesne assignments, to The Dill Manufacturing Company, Cleveland, Ohio. Making inner tubes. 2,120,346; June 14.



- Becker, Hans. (See Vollmann, H., and Becker.)  
 Becker, Hans, Dusseldorf, Germany. Apparatus for cutting grooved rolls. 2,109,454; Mar. 1.  
 Becker, Helmut, Wetzlar, Germany. Motion picture camera. 2,105,631; Jan. 18.  
 Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Film loading cassette. 2,105,628; Jan. 18.  
 Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Moving picture camera cassette. 2,105,629; Jan. 18.  
 Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic film camera. 2,105,630; Jan. 18.  
 Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Shutter mechanism for moving picture cameras. 2,117,694; May 17.  
 Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Motion picture film container. 2,123,495; July 12.  
 Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Moving picture camera. 2,135,026; Nov. 1.  
 Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic camera. 2,138,059; Nov. 29.  
 Becker, Howard I., Schenectady, N. Y., assignor to General Electric Company. Distance and speed measurement of moving craft. 2,115,568; Apr. 26.  
 Becker, Howard I., Schenectady, N. Y., assignor to General Electric Company. Steering of craft. 2,132,254; Oct. 4.  
 Becker, John E., Stoney Creek, Ontario, Canada. Roller skate. 2,117,785; May 17.  
 Becker, Joseph, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Coking coal briquettes. 2,105,832; Jan. 18.  
 Becker, Lester O. (See De Right, E. J., and Becker.)  
 Becker, Logan A. (See Lester, N., and Becker.)  
 Becker, Oskar W. (See Freudenberg, H., and Becker.)  
 Becker, Oskar W., assignor to the firm Naturin Gesellschaft mit beschränkter Haftung, Weinheim an der Bergstrasse, Germany. Closing the ends of a sausage skin. 2,111,273; Mar. 15.  
 Becker, Oskar W., Heidelberg, assignor to the firm of Naturin Gesellschaft mit beschränkter Haftung, Weinheim-B., Germany. Sausage casing. 2,115,607; Apr. 26.  
 Becker, Oskar W., and H. Freudenberg, assignors to Carl Freudenberg G. m. b. H., Weinheim, Germany. Manufacture of spun goods, fabrics, and other textiles. 2,120,851; June 14.  
 Becker, Otto, Berlin, Germany. Container for preserving and dispensing roasted coffee. 2,110,518; Mar. 8.  
 Becker, Otto, Corona, N. Y. Calendar clock. 2,123,091; July 5.  
 Becker, Otto A., Saarbrücken, Germany. Finding device for index cards, notes, or the like arranged in or on conveying devices. 2,130,376; Sept. 20.  
 Becker, Samuel J. (See Shapiro, Henry, assignor.)  
 Becker, Walter S., et al. (See Amidon, Roy C., assignor.)  
 Becker, Wilhelm, Cologne-Mulheim, and L. Orthner, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparation of high molecular sulphur containing plastics. 2,108,468; Feb. 15.  
 Beckett, Alan L., East Orange, N. J. Racket stringing device. 2,131,880; Oct. 4.  
 Beckett, Frederick M., New York, and R. Franks, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Chromium-manganese-nickel steel. 2,138,289; Nov. 29.  
 Beckett, Frederick M., New York, and R. Franks, Jackson Heights, Long Island, New York, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Chromium alloy steel tube. 2,139,538; Dec. 6.  
 Beckett, Clay C., Washington, D. C. Golf ball teeing device. 2,127,282; Aug. 16.  
 Beckett, Farley E., Inglewood, assignor of one-half to J. A. Rosenkranz, Los Angeles, Calif. Internal combustion engine. 2,136,358; Nov. 15.  
 Beckett, Kenneth C., Evanston, and S. I. Lindell, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Thermal cut out. 2,133,945; Oct. 25.  
 Beckett, Reginald W., Rocky River, assignor to Cleveland Steel Products Corp., Cleveland, Ohio. Oil burning apparatus. 2,113,870; Apr. 12.  
 Beckette, Edmund S. (See Pilager, H. M., and Beckette.)  
 Becker, Oakley K., Dallas, assignor, by mesne assignments, of seventy-two and one-half percent to J. H. Reynolds, Cisco, twenty-two and one-half percent to M. H. Rowe and five per cent to J. A. Schley, Dallas, Tex. Electrical circuit breaker. 2,121,243; June 21.  
 Beckley Cardy Company. (See Clavey, Edward A., assignor.)  
 Beckman, Axel E., Oregon City, Oreg. Shakesplitting machine. 2,128,521; Aug. 30.  
 Beckman, Carl, Detroit, Mich. Valve for fuel burner systems. 2,133,527; Oct. 18.  
 Beckman, Fred G. (See Grant, Claude B., assignor.)  
 Beckmann, Fred G., Muskogee, Okla. Logging well formation. 2,132,717; Oct. 11.  
 Beckman, Gustaf S., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Silk reeling machine. 2,128,903; Sept. 6.  
 Beckman, Rudolph H., Davenport, and J. H. Floehn, Bittendorf, Iowa, assignors to French & Hecht, Incorporated. Wheel structure. 2,129,807; Sept. 13.  
 Beckman, William R., Barrington, assignor to N. Shoen, Chicago, Ill. Internal combustion engine. 2,140,503; Dec. 20.  
 Beckmann, Melbourne A. (See Schnell, A. E., and Beckmann.)  
 Beckmann, Melbourne A., assignor to Aluminum Industries, Incorporated, Cincinnati, Ohio. Even pressure piston. 2,114,040; Apr. 12.  
 Beckmann, Melbourne A., assignor to Aluminum Industries, Incorporated, Cincinnati, Ohio. Relieved stabilized piston. 2,114,041; Apr. 12.  
 Beckmann, Melbourne A., assignor to Aluminum Industries, Inc., Cincinnati, Ohio. Permanent mold. 2,124,998; July 26.  
 Beckwith, Lawton B. (See Bray, U. B., and Beckwith.)  
 Beckwith, Lawton B. (See Subkow, P., and Beckwith.)  
 Beckwith, Lawton B., San Pedro, and F. S. Scott, assignors to Union Oil Company of California, Los Angeles, Calif. Producing bituminous emulsions. 2,119,732; June 7.  
 Beckwith, Leonard C., Berkeley, R. D. Leuschner, Merced, and F. Fordham, Turlock, assignors to The Bear Creek Company, Merced, Calif. Method of and apparatus for processing figs. 2,122,021; June 28.  
 Beckwith Manufacturing Company. (See McMurray, Harry G., assignor.)  
 "Beco" Maschinenfabrik G. m. b. H. (See Lorentz, Valentin, assignor.)  
 Beco Maschinenfabrik G. m. b. H. (See Lorentz, Valentin, assignor.)  
 Bequet, Denise, Brussels, Belgium, assignor to Dr. Ing. Roberto Parrilli, Milan, Italy. Washing machine. 2,138,334; Nov. 29.  
 Becton, Dickinson & Co. (See Dickinson, F. S., and Lawshe, assignors.)  
 Becvar, Joseph. (See Herbster, G., and Becvar.)  
 Becvar, Joseph, Wickliffe, assignor to The Cleveland Co-operative Stove Company, Cleveland, Ohio. Terminal receptacle for gas range oven lights. 2,137,641; Nov. 22.  
 Bedard, Roy T., Escanaba, Mich. Trailer. 2,123,559; July 12.  
 Beddow, Raymond, Toledo, Ohio. Safety device for automobiles. 2,108,303; Feb. 15.  
 Bedell, Frederick, Ithaca, N. Y., assignor to General Radio Company, Cambridge, Mass. Device for indicating oscillograph curves as stationary. Re. 20,945; Dec. 13.  
 Bedell, Henry G., assignor to Spiral Locks Limited, Wellington, New Zealand. Latch and lock. 2,136,408; Nov. 15.  
 Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Recording and reproduction of sound. 2,122,193; June 28.  
 Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Speed control for phonographs. 2,124,281; July 19.  
 Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television system. 2,137,010; Nov. 15.  
 Bedford, Alda V., Collingswood, and R. D. Kell, Haddonfield, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmitter. 2,108,097; Feb. 15.  
 Bedford, Burnice D. (See Willis, C. H., Bedford, and Elder.)  
 Bedford, Burnice D., Schenectady, N. Y. Electric valve circuits. 2,104,690; Jan. 4.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,110,656; Mar. 8.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,114,828; Apr. 19.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission system. 2,125,096; July 26.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric power system. 2,125,097; July 26.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,126,603; Aug. 9.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission. 2,126,604; Aug. 9.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric control and indicating circuits. 2,130,111; Sept. 20.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric control and indicating circuits. 2,126,112; Sept. 20.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,137,126; Nov. 15.  
 Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Reverse current relay. 2,142,015; Dec. 27.



- Bedford, Burnice D., Schenectady N. Y., C. H. Willis, Princeton, N. J., and F. R. Elder, Schenectady, N. Y., assignors to General Electric Company. Electric power transmission system. 2,119,377; May 31.
- Bedford, Leslie H., Highbury Grove, London, assignor to A. C. Cossor Limited, London, England. Cathode ray oscillograph tube. 2,138,721; Nov. 29.
- Bedford, Reginald A., Sheffield, England. Die for forging or sharpening the ends of drill rods for rock and like drilling machines. 2,112,645; Mar. 29.
- Bedford, Robert H., Los Gatos, Calif. Gravity electrostatic separation process. 2,116,613; May 10.
- Bednar, Henry J., Denver, Colo. Eyelash darkener. 2,136,779; Nov. 15.
- Bedwell, Andrew J. (See Arpin, L. G., and Bedwell.)
- Beebe, Samuel A., New York, N. Y. Collar for overcoats and topcoats. 2,137,107; Nov. 15.
- Beby, Frank F., Oak Park, Ill., assignor to Cement Gun Company. Swimming pool. 2,140,978; Dec. 20.
- Beech-Nut Packing Company. (See Follett, Charles A., assignor.)
- Beecher, Henry W., Seattle, Wash., assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange device. 2,126,721; Aug. 16.
- Beechey, Milton F. (See Quick, C. H., and Beecher.)
- Beechlyn, John T., assignor to O. S. Walker Co. Inc., Worcester, Mass. Portable demagnetizer. 2,106,233; Jan. 25.
- Beechlyn, John T., assignor of one-half to O. S. Walker Co. Inc., Worcester, Mass. Magnetic speed changer. 2,131,035; Sept. 27.
- Beeck, Otto, Berkeley, J. Burgin, Oakland, and H. P. A. Groll, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Activating and maintaining the activity of dehydrogenation catalysts. 2,131,089; Sept. 27.
- Beede, Herbert G., Pawtucket, R. I. Tank cover construction. 2,120,961; June 21.
- Beede, Herbert G., Pawtucket, R. I. Garment pressing machine. 2,130,481; Sept. 20.
- Beegle, Frank M., Springfield, and H. L. Andrews, Jr., Ridley Park, Pa., assignors to Congoleum-Nairn, Inc. Flexible covering and making same. 2,133,886; Oct. 18.
- Beehler, Marian F. (See Beehler, William H., assignor.)
- Beehler, Vernon D., Evanston, and R. D. McIntosh, River Forest, assignors to The Imperial Brass Manufacturing Company, Chicago, Ill. Automatic rotor valve. 2,106,942; Feb. 1.
- Beehler, Vernon D., Evanston, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Gas valve. 2,138,621; Nov. 29.
- Beehler, William H., assignor of one-half to M. F. Beehler, Baltimore, Md. Quick detachable article supporting means. 2,114,519; Apr. 19.
- Beekhuis, Herman A., Jr., Syracuse, assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Process and apparatus for the production of salts. 2,109,347; Feb. 22.
- Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Treatment of gases. 2,123,072; July 5.
- Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Recovery of alkali metal nitrates. 2,124,536; July 26.
- Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Treating mixtures of nitrosyl chloride and chlorine. 2,130,519; Sept. 20.
- Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Prevention of corrosion. 2,135,160; Nov. 1.
- Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Producing granular fertilizers. 2,136,069; Nov. 8.
- Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Production of a nitrate and chlorine. 2,138,016; Nov. 29.
- Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Decomposition of nitrosyl chloride. 2,138,017; Nov. 29.
- Beekman, Everett W. (See Goad, L. C., Haubursin, and Beekman.)
- Beekman, Everett W. (See Poole, L. E., and Beekman.)
- Beer, Palle-Finn, Frederiksberg, assignor to Electrical Fono-Films Company A/S, Copenhagen, Denmark. Electrostatic mirror oscillograph. 2,136,018; Nov. 8.
- Beer, William J., Union, assignor to Sirian Wire and Contact Company, Newark, N. J. Refractory metal alloys and making same. 2,119,489; May 31.
- Beerman, Raymond E., Toledo, Ohio. Signaling device. 2,131,090; Sept. 27.
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Selectivity control system. 2,105,518; Jan. 18.
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Radio signal rectifying and amplifying system. 2,113,127; Apr. 5.
- Beers, George L., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Signal receiving apparatus. 2,135,557; Nov. 8.
- Beers, Otis E., assignor to Buescher Band Instrument Company, Elkhart, Ind. Trombone. 2,113,502; Apr. 5.
- Beers, Roy R., assignor of one-half to W. J. Thalheimer, Phoenix, Ariz. Wire tightener and twister. 2,118,034; May 24.
- Beers, Roy R., assignor of one-half to W. J. Thalheimer, Phoenix, Ariz. Wire tightener and twister. 2,133,887; Oct. 18.
- Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Apron tuyère for stokers. 2,105,875; Jan. 18.
- Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Variable feed mechanism for stokers. 2,138,722; Nov. 29.
- Beery, Howard F. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
- Beery, Virgil S., Stockton, Calif. Battery lifting device. 2,126,605; Aug. 9.
- "Be Ge" Manufacturing and Welding Works. (See Gurries, A. G., and Bussert, assignors.)
- Begerow, John H. W., Lyndhurst, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Motor governor speed adjustment. 2,111,960; Mar. 22.
- Begg, Russell S., assignor to General Motors Corporation, Detroit, Mich. Underbody. 2,108,191; Feb. 15.
- Begg, Russell S., assignor to The Midland Steel Products Company, Cleveland, Ohio. Tension compensator. 2,130,916; Sept. 20.
- Begg, Russell S., Cleveland Heights, assignor to The Midland Steel Products Company, Cleveland, Ohio. Hydraulic brake system. 2,136,835; Nov. 15.
- Begg, Russell S., Cleveland Heights, and G. C. R. Kuiper, assignors to The Midland Steel Products Company, Cleveland, Ohio. Hydraulic brake. 2,125,266; Aug. 2.
- Beggs, James L., Schenectady, N. Y., assignor to General Electric Company. Selectivity control. 2,133,128; Oct. 11.
- Beggs, Richard O., Arp, Tex. Shut-off valve. 2,107,975; Feb. 8.
- Begley, James G., Albany, N. Y. Exercise device. 2,126,443; Aug. 9.
- Beglinger, Edward. (See Sherrard, E. C., Beglinger, Hoff, and Bateman.)
- Begun, Semi, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Clutch mechanism for electromagnetic sound recording and reproducing devices. 2,108,426; Feb. 15.
- Begun, Semi J. (See Durst, I. F., Begun, and Barnett.)
- Begun, Semi J., New York, I. F. Durst, Great Neck, and H. Barnett, assignors, by mesne assignments, to C. Tucker, New York, N. Y. Signaling system. 2,137,302; Nov. 22.
- Behle, Joseph W., assignor to The Murray Company, Dallas, Tex. Doffing brush cylinder. 2,135,478; Nov. 8.
- Behling, George J., Croton-on-Hudson, and N. Dykstra, Ossining, N. Y. Safetypin. 2,129,191; Sept. 6.
- Behnke, Edward C., Chicago, Ill. Line securing device. 2,131,162; Sept. 27.
- Behnke, Everett E. H., assignor to The E. and B. Manitowoc, Wis. Loose leaf book binders. 2,124,282; July 19.
- Behnke, Max O., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Combination pad lock. 2,112,979; Apr. 5.
- Behr, Gustave E., assignor to National Lead Company, New York, N. Y. Metal recovery process. 2,124,180; July 19.
- Behr, Gustave E., Seward, N. J., assignor to National Lead Company, New York, N. Y. Refining metal. 2,125,329; Aug. 2.
- Behr, Harry C. A., and J. J. Eck, assignors to Yorktown Electric Roaster Manufacturing Corporation, York, Pa. Automatic roaster. 2,105,778; Jan. 18.
- Behr, Leo, Glenside, assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring apparatus. 2,113,928; Apr. 12.
- Behr, Leo, and A. J. Williams, Jr., Philadelphia, Pa., and J. V. Adams, New Rochelle, N. Y., assignors to Leeds & Northrup Company, Philadelphia, Pa. Recorder and control system. 2,124,684; July 26.
- Behr-Manning Corporation. (See Baker, James H., assignor.)
- Behr-Manning Corporation. (See Oglesby, Nicholas E., assignor.)
- Behr-Manning Corporation. (See Ross, Colin A., assignor.)
- Behr-Manning Corporation. (See Schacht, Elmer C., assignor.)
- Behre, Johannes, Hamburg-Klein-Borstel, assignor to Lehmann & Voss & Company, Hamburg, Germany. Rubber compounds and making same. 2,112,802; Mar. 29.
- Behre, Johannes, Hamburg-Klein-Borstel, assignor to Lehmann & Voss & Company, Hamburg, Germany. Reclaiming vulcanized rubber. 2,112,803; Mar. 29.
- Behrend, Jerome B., et al. (See Kriegsfeld, Louis, assignor.)



- Behrendt, Gerhard, Duisburg-Laar, Germany. Chill for continuous string casting. 2,131,307; Sept. 27.
- Behrens, Herbert C. (See Mars, T. H., and Behrens.)
- Behrens, Herbert C. (See Schmidt, G. H., and Behrens.)
- Behrens, Herbert C., Woodyln, Pa. Gear transmission. 2,131,531; Sept. 27.
- Behrens, Teodoro A., King's Cross, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Alternating current control apparatus. 2,107,360; Feb. 8.
- Behringer, Alfred, Flushing, assignor to Speedy Gravure Corporation, New York, N. Y. Pump for ink circulating systems. 2,115,325; Apr. 26.
- Behringer, Karl, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of improved wax emulsions. 2,128,025; Aug. 23.
- Behrman, Abraham S., Chicago, Ill., assignor, by mesne assignments, to Inflico Inc. Filter treatment. 2,123,092; July 5.
- Behrmann, Harold E., assignor of one-half to F. M. McHale, Indianapolis, Ind. Journal box. 2,141,897; Dec. 27.
- Beicher, Earl I. (See Owens, C. A., White, and Beicher.)
- Bolderbecke, Charles H., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,114,261; Apr. 12.
- Beight, William, Youngstown, Ohio. Curtain stretcher. 2,126,606; Aug. 9.
- Beik, Frederick A., Long Beach, Calif., assignor to Pacific Coast Borax Company. Fusing borates. 2,124,101; July 19.
- Beil, Forrest F., assignor, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa. Frame construction. 2,117,269; May 17.
- Beitelson, Bernard, Harrow Weald, England, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparing pseudo-cyanine dyes. 2,120,322; June 14.
- Beimann, Elizabeth, administratrix. (See Beimann, Wilhelm.)
- Beimler, Henry C., Phoebus, Va. Garment hanger. 2,122,309; June 28.
- Beinmann, Wilhelm, deceased; E. Beinmann, administratrix, assignor to Dr. C. Otto & Company, G. m. b. H., Bochum, Germany. Door for horizontal oven chambers. 2,126,239; Aug. 9.
- Beisang, Alfred O., assignor to Brown & Bigelow, St. Paul, Minn. Pencil. 2,116,136; May 3.
- Beisel, Rex B., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine cooling means. 2,134,774; Nov. 1.
- Beissman, John B. (See Schafer, R. A., Muhl, Opel, and Beissman.)
- Beiswenger, Gustave A. (See Whiteley, J. M., and Beiswenger.)
- Beiswenger, Gustav A., Elizabeth, N. J., assignor to Standard Oil Development Company. Recovery of solvent in solvent treating processes. 2,115,003; Apr. 26.
- Beiter, Frank, Long Island City, N. Y. Hair clip. 2,106,561; Jan. 25.
- Beitler, Lewis E., Detroit, Mich., assignor to Kimble Glass Company, Vineland, N. J. Closure and applying the same. 2,119,901; June 7.
- Beitman, Albert B., Cleveland Heights, assignor to The French Renovating Company, Cleveland, Ohio. Scrubbing machine for floors and floor coverings. 2,121,649; June 21.
- Bejarano, Julio G., Pittsburg, assignor to Shell Development Company, San Francisco, Calif. Temperature control process and apparatus. 2,139,351; Dec. 6.
- Bekan, Alda M., New York, N. Y. Combination bracelet and knitting yarn holder. 2,125,267; Aug. 2.
- Belanger, John, Los Angeles, Calif. Top fastener for casement windows. 2,124,226; July 19.
- Belar, Herbert. (See Klinedinst, M. S., Cunby, and Belar.)
- Belar, Herbert, Philadelphia, Pa., assignor to Radio Corporation of America. Signal responsive device. 2,125,879; Aug. 9.
- Belaschik, Alfred O., and H. K. Schoen, Corona, N. Y. Electrically operated combination set for the dressing table. 2,140,307; Dec. 13.
- Belash, Constantine A., assignor to Fellowcrafters Incorporated, Boston, Mass. Hand weaving frame. 2,118,142; May 24.
- Belcher, Clarence F. (See Lulek, R. N., and Belcher.)
- Belcher, Clarence F., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing 2-Bz-1'-dibenzanthronyl. 2,136,908; Nov. 15.
- Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Container. 2,128,904; Sept. 6.
- Belcher, Walter B., Tacoma, assignor of one-half to A. W. Pratt, Seattle, Wash. Lamp fixture. 2,136,369; Nov. 15.
- Belden, Albert G., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,115,678; Apr. 26.
- Belden, Albert G., assignor to Norton Company, Worcester, Mass. Work supporting and rotating mechanism. 2,121,726; June 21.
- Belden, Albert G., assignor to Norton Company, Worcester, Mass. Cylindrical grinding machine. 2,132,924; Oct. 11.
- Belden, Albert G., and R. A. Cole, assignors to Norton Company, Worcester, Mass. Hydraulic wheel feed. 2,113,367; Apr. 5.
- Belden Manufacturing Company. (See Andre, Gustaf E., assignor.)
- Belden Manufacturing Company. (See Karst, Howard C., assignor.)
- Belden Manufacturing Company. (See Kollath, Francis C., assignor.)
- Beler, Ernest. (See Luery, M., and Beler.)
- Belfield, H., Company. (See Goehring, Francis R., assignor.)
- Belford, Uriah, Golconda, Ill., assignor of one-half to C. Lightner, Engine. 2,108,740; Feb. 15.
- Belfrage, Frank R., Kansas City, Mo. Syringe. 2,139,653; Dec. 13.
- Bel Geddes, Norman, assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,127,212; Aug. 16.
- Belineff, Stephen B., Malverne, N. Y. Hair waving or curling device. 2,122,509; July 5.
- Belk, Charles R., Sr., Bessemer, Ala. Tube container for milk bottle caps. 2,136,962; Nov. 15.
- Belknap, George J., assignor to The Belknap Manufacturing Company, Bridgeport, Conn. Beer faucet. 2,135,298; Nov. 1.
- Belknap, John H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Emergency stop-and-reverse motor control. 2,130,832; Sept. 20.
- Belknap Manufacturing Company, The. (See Belknap, George J., assignor.)
- Bell, Alfred B., Philadelphia, Pa. Printer's type cabinet. 2,106,163; Jan. 25.
- Bell, Alfred B., Gardner, Mass. Metallic partitioning. 2,132,601; Oct. 11.
- Bell, Alfred B., Gardner, assignor to Heywood-Wakefield Company, Boston, Mass. Cam-type reversible car-seat base. 2,123,927; July 19.
- Bell, Angus S., Spondon near Derby, England, assignor to Celanese Corporation of America. Production of composite yarns. 2,134,022; Oct. 25.
- Bell, Antoinette P., Hastings, N. Y. Antiglare goggles. 2,120,727; June 14.
- Bell, Arthur R., assignor to Wm. H. Horn & Brother, Inc., Philadelphia, Pa. Truss. 2,108,521; Feb. 15.
- Bell, Charles C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,134,809; Nov. 1.
- Bell, Charles L., assignor to Lubbers & Bell Manufacturing Company, Clinton, Iowa. Fly swatter. 2,104,149; Jan. 4.
- Bell, Charles R., Rosharon, Tex. Conveyer belt. 2,122,052; June 28.
- Bell, Charles W., deceased, Westfield, N. J.; E. H. Bell, temporary administratrix. Automatic defrosting of refrigerating systems. 2,123,073; July 5.
- Bell, Dillwyn M., Oak Park, assignor to Dudley Lock Corporation, Chicago, Ill. Permutation lock. 2,123,270; July 12.
- Bell, Dillwyn M., River Forest, assignor to Dudley Lock Corporation, Chicago, Ill. Key and permutation operated padlock. 2,133,528; Oct. 18.
- Bell, Edwin J., assignor to The Bell Machine Company, Oshkosh, Wis. Match book machine. 2,137,072; Nov. 15.
- Bell, Edythe H., temporary administratrix. (See Bell, Charles W.)
- Bell, Frank V. (See Bell, John W., assignor.)
- Bell, Howard H., Schenectady, N. Y., assignor to General Electric Company. Traffic-signaling system. 2,124,392; July 19.
- Bell & Howell Company, The. (See Howell, Albert S., assignor.)
- Bell & Howell Company, The. (See Stechert, E., and Brueske, assignors.)
- Bell, James H. (See Dinley, Clarence F., assignor.)
- Bell, John A., Jackson, Mich. Combination portable pocket light and camera unit. 2,138,723; Nov. 29.
- Bell, John W., Toronto, Ontario, assignor of one-twentieth to F. V. Bell, St. Catharines, Ontario, Canada. Packaging. 2,113,978; Apr. 12.
- Bell, Joseph, Cincinnati, Ohio. Signaling device. 2,122,508; July 5.
- Bell, Joseph D., San Francisco, Calif. Twin bed couch. 2,120,962; June 21.
- Bell Machine Company, The. (See Bell, Edwin J., assignor.)
- Bell Machine Company, The. (See Bell, Morris A., assignor.)
- Bell, Milo C. (See Holmes, H. B., Blood, and Bell.)
- Bell, Morris A., assignor to The Bell Machine Company, Oshkosh, Wis. Match display and holder. 2,136,989; Nov. 15.
- Bell Punch Company. (See Black, H. D., and Degen, assignors.)
- Bell, Raymond T., Delavan, Wis., assignor to The George W. Borg Corporation, Chicago, Ill. Making wheels. 2,125,866; Aug. 9.
- Bell Telephone Laboratories, Incorporated. (See Affel, Herman A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Allen, C. B., and Durfee, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Allison, Sewell W., assignor.)



- Bell Telephone Laboratories, Incorporated. (See Anderson, E. N., and (Getz and Ulrich, assignors).)  
 Bell Telephone Laboratories, Incorporated. (See Anderson, F. B., Mallinckrodt, and Stillwell, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Atkins, George E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Augustadt, Herbert W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Bachelet, A. E., and Brand, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Bachelet, A. E., and Gibson, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Bailey, Arnold B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Baldwin, Millard W., Jr., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Barber, Charles C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Barber, C. C., and McWilliams, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Bartgis, Charles P., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Bascom, Henry M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Baumfalk, John, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Bieling, Carl A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Björnson, Björn G., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Björnson, B. G., and Bryant, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Black, H. S., and Van Tassel, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Black, Knox C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Blackman, R. B., and Lakatos, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Blake, Foster B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Blaunt, F. E., and Husta, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Blount, Frank E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Blount, Nelson, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Boardman, Edward M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Bobis, Stephen, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Bode, Hendrik W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Bowen, Arnold E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Bowne, Langford J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Bowne, L. J., Lamberty, and Stokely, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Broadwell, Howard, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Brown, Wolfe W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Bruce, Edmond, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Budenbom, Horace T., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Burgess, Alfred A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Burton, Everett T., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Burwell, John A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Busch, Aloysius J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Carpenter, Warren W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Carpenter, W. W., and Mallina, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Carpenter, W. W., and Matthies, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Carpenter, W. W., and Reynolds, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Caruthers, Robert S., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Chaffee, Joseph G., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Cioffi, Paul P., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Clark, J. E., and Ronci, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Clark, J. E., Ekstrand, and Ronci, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Clark, James E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Clarke, Harry R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Collis, R. E., and Myers, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Corwin, T. L., assignor, and Swezey and Watson.)  
 Bell Telephone Laboratories, Incorporated. (See Cousins, Van M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Cox, Leslie R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Cox, L. R., and Terry, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Cramer, Walter W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Cramer, W. W., and Cummings, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Crawford, Arthur B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Crusier, Victor I., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Cummings, G. C., and Hearn, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Curtis, Austen M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Curtis, Harold E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Darlington, Sidney, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Davis, Kingsbury H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Davisson, Clinton J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Dehmel, Richard C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See DeLange, Owen E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Depew, Charles, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Depew, C., and Ronci, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Dickieson, Alton C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Dietze, E., and Foley, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Dimond, Thomas L., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Dixon, John T., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Dixon, J. T., and Kreer, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Doba, Stephen, Jr., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Domaleski, Joseph V., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Dring, Arthur W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Dubuar, Arthur S., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Dudley, Homer W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Eckberg, Curtis R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Edwards, P. G., Jordan, and Shackleton, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Eighmey, David T., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ellis, W. C., and Greiner, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Elmer, Lloyd A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Engelhardt, George B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Fair, Irvin E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Feldman, C. B. II., and Polkinghorn, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Field, Joseph C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Fisher, J. R., and Mallinckrodt, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Flegal, J. R., and Priessman, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Fondiller, William, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Fuller, Calvin S., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Gannett, Danforth K., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See German-ton, Charles E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Given, Frederick J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Glass, Myron S., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Goehner, William R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Goff, Harold W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Green, Charles W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Greenall, Charles H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Greenidge, Ralph M. C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Greig, John W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hale, Douglas A. S., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hale, D. A. S., and Ronci, assignors.)



- Bell Telephone Laboratories, Incorporated. (See Hall, Arthur G., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hall, O. C., and Toomey, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Halligan, Clair W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hampton, L. N., and Smith, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Hardy, Frank, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Harley, John B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Harley, Joseph J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Harrison, Henry C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Harrison, H. C., and Pope, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Hearn, Richard B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Heising, Raymond A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hersey, Ralph E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hickman, Clarence N., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hickman, C. N., and Kingsbury, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Hight, Stuart C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Holden, William H. T., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hovland, Henry, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Huber, George H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hunt, Franklin L., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Hysko, John L., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Jeanne, Armand L., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Johnson, J. B., and Kammerer, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Johnston, Donald F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Jutson, Robert P., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kahl, Henry, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kalb, Robert M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kanenberg, Walter F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kater, Joseph A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Keckler, C. W., and Osten-Sacken, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Keller, A. C., and Rafuse, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Kelsay, LeRoy W., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kendall, B. W., and Mitchell, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See King, A. P., and Russell, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See King, Gerald V., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See King, Ralph E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kinkad, Fullerton S., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kinsley, Thomas G., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kinzer, J. P., and Wilson, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Klein, Charles H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kleinkauf, J. D., and Martin, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Knoop, William A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Knott, William M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Knowlton, C. S., and Spicer, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Koerner, Lawrence F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Korn, Franklin A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kreer, John G., Jr., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kuhn, John J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Kuntz, Frank A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Laleo, Joseph P., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Lakatos, Emory, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Lamberty, Frederick R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Lang, A. G., and Neely, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Lang, W. Y., assignor, and Watson.)  
 Bell Telephone Laboratories, Incorporated. (See Large, W. V. K., and Locke, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Laskey, William G., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Lewis, Herbert A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Llewellyn, Frederick B., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Locke, George A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Low, Frank K., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Lum, George R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Magrath, Arthur C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Marri-son, Warren A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Marshall, Robert N., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mar-shall, Tola A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mas-sonneau, Robert F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mat-thies, William H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mattke, Charles F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See May, David T., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See McCor-mick, C. G., and Sheatsley, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Mead, Edward D., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Means, Winthrop J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mel-hose, Alfred E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Melick, John M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Menden-hall, Halam E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mer-riam, Francis F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Meszar, J., and Wiese, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Miller, Albert H., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Miller, Ralph L., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mitchell, Doren, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Monk, Newton, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Mor-ton, Edmund R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Myers, Oscar, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Nelson, Stanley E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Norton, Edward L., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Norton, E. L., and Wick, assignors.)  
 Bell Telephone Laboratories, Incorporated. (See Nyquist, Harry, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Peter-son, Eugene, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Peterson, Liss C., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pfan-nenstiel, Harry, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pollard, Charles E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Power, James R., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pratt, Edward J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Prescott, Charles H., Jr., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pritch-ard, William T., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pruden, Harold M., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Pullis, George A., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Rack, Alois J., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ray-mond, Ralph, assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Ressler, Ralph E., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Richard, Charles D., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Rack-wood, George H., Jr., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Rodgers, Karl F., assignor.)  
 Bell Telephone Laboratories, Incorporated. (See Roma-now, Frank F., assignor.)



- Bell Telephone Laboratories, Incorporated. (See Ronci, Victor L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ritchie, George A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Schafer, Arthur H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Scott, Herbert J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shaw, Robert C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Singer, Fred J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Skellett, Albert M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Smith, J. W., and Thayer, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Smith, Phillip H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Snow, William B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Snow, W. B., and Steinberg, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Soffel, Robert O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Southworth, G. C., and King, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Sprut, Albert B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Sterba, Ernst J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stillwell, Albert L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stokely, Ray L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stoller, Hugh M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Strieby, Maurice E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Subrizi, Victor, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Swickard, Andrew E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Sykes, Roger A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Taylor, Edmund R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Terry, Roy V., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Thomas, Upton B., Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Tidd, Warren H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Towne, Charles C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Truckess, David E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ulrich, Horace W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Van Tassel, Earl K., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Vroom, Edward, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wagar, Harold N., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Welch, Paul V., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wente, Edward C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wentz, Jesse F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See White, A. H., and Yager, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Whitney, Wiley, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Williams, Samuel B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wilson, Ira G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wrathall, Leishman R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Yost, Lloyd A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Zupa, Frank A., assignor.)
- Bell, Thelma J., Baltimore, Md. Toy. 2,117,133; May 10.
- Bell, William C., Wolverhampton, England, assignor to Stewarts and Lloyds Limited, Glasgow, Scotland. Manufacture of steel or other metal billets, bars, or the like. 2,121,280; June 21.
- Bell, William D., Columbus, Ohio, assignor, by mesne assignments, to Solar Laboratories, Beaver, Pa. Screen stencil and making the same. 2,110,319; Mar. 8.
- Bell, William F. G., assignor to The McKibbin Neon Incorporated, Norwalk, Conn. Photographic enlarger lamp-house. 2,117,754; May 17.
- Bell, William L., assignor to G. H. Chick, Oakland, Calif. Bone-setting apparatus. 2,110,414; Mar. 8.
- Bell, William L., assignor to G. H. Chick, Oakland, Calif. Orthopedic appliance. 2,124,102; July 19.
- Bell, William M., Evanston, Ill. Air cooling, conditioning, and circulating apparatus. 2,119,038; May 31.
- Bellah, William H., Los Angeles, Calif., assignor, by mesne assignments, to J. E. Johnson, Chicago, Ill. Game apparatus. Re. 20,698; Apr. 19.
- Bellamy, John I., Brookfield, Ill. Signaling system. 2,110,192; Mar. 8.
- Bellanca, Frank M., New York, N. Y., assignor to Miller-Bellanca Airplanes Limited, Montreal, Quebec, Canada. Airplane construction. 2,140,783; Dec. 20.
- Bellanca, Giuseppe M., Wilmington, Del. Wing structure. 2,111,274; Mar. 15.
- Bellanca, Giuseppe M., Newcastle, Del. Airplane. 2,135,096; Nov. 1.
- Bellavance, Paul J., Attleboro, Mass. Bracelet and making the same. 2,108,247; Feb. 15.
- Belle Isle, A. L. (See Hicks, James A., assignor.)
- Bellem, Louis H. L., Asnieres, France. Injection device for internal combustion engines. 2,124,133; July 19.
- Belleville, Paul, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil. Regenerative receiver. 2,125,982; Aug. 9.
- Belling, Marvin D., Brownville, N. Y. Valve. 2,115,247; Apr. 26.
- Bellis, Joseph, St. Paul, Minn. Valve. 2,116,556; May 10.
- Belim, Anton, Dresden, Germany, assignor to General Electric Company. Electric switch gear. 2,141,898; Dec. 27.
- Bellman, Norman S., London, England. Portable building. 2,124,242; July 19.
- Bello, Pablo D. (See Jiminez, A. F., and Bello.)
- Belloc, Maurice, assignor to Societe Nobel Francaise, Paris, France. Manufacture of vinyl resins. 2,105,208; Jan. 11.
- Belloc, Maurice H., assignor to Societe Nobel Francaise, Paris, France. Waterproof compound. 2,115,797; May 3.
- Bellone, Alfred F. S., Lyon, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacture of manganese dioxide. 2,122,735; July 5.
- Belluche, Frank R., Racine, Wis. Sheet feeding machine. 2,127,714; Aug. 23.
- Belluche, Frank R., Racine, Wis. Sheet feeder. 2,138,995; Dec. 6.
- Bells, George A., Los Angeles, Calif. Radius turning apparatus. 2,124,902; July 26.
- Belmont, John, Brooklyn, assignor to Lebeckbo, Incorporated, New York, N. Y. Container closure. 2,117,075; May 10.
- Belmont, Max J., New York, N. Y. Shower bath. 2,120,774; June 14.
- Belmont, Max J., New York, N. Y. Fluid impregnating device. 2,135,932; Nov. 8.
- Belmont Radio Corporation. (See Marholz, Richard C., assignor.)
- Belmont Radio Corporation. (See Mattes, Harold C., assignor.)
- Belmont Radio Corporation. (See McWeeny, John L., assignor.)
- Belmont Radio Corporation. (See Plensler, Alexander W., assignor.)
- Belmont Radio Corporation. (See Wronke, Louis J., assignor.)
- Belobrajdech, Stefan, Milwaukee, Wis. Display device for shop windows. 2,124,997; July 26.
- Beloit Iron Works. (See Berry, Earl E., assignor.)
- Beloit Iron Works. (See Berry, E. E., Hornbostel, and Goodwillie, assignors.)
- Beloit Iron Works. (See Putnam, Charles P., assignor.)
- Belshaw, Charles F., Greenville, Mich. Ice refrigerator. 2,132,255; Oct. 4.
- Belshaw, Charles F., Greenville, Mich. Refrigerator. 2,132,602; Oct. 11.
- Belshaw, Charles F., Greenville, Mich. Refrigerator drain. 2,140,308; Dec. 13.
- Belyeal, Sherman, Delphos, Kans. Dispensing device. 2,130,941; Sept. 20.
- Bem, Joseph P., Oakland, Calif. Brick and block wall reinforcing. 2,121,943; June 28.
- Bemelmans, Ernest, Maastricht, Netherlands, assignor to Usitall Company, Inc., New York, N. Y. Alkali process for reclaiming rubber waste. 2,131,685; Sept. 27.
- Bemis, Albert F., Newton, assignor to Bemis Industries, Incorporated, Boston, Mass. Building construction. 2,117,934; May 17.
- Bemis, Arthur S., assignor to Speer Carbon Company, St. Marys, Pa. Carbonized product and manufacture thereof. 2,131,021; Sept. 27.
- Bemis Bro. Bag Co. (See Belcher, Daniel, assignor.)
- Bemis Bro. Bag Co. (See Bemis, F. G., and Weeks, assignors.)
- Bemis Bro. Bag Co. (See Brady, Charles V., assignor.)
- Bemis Bro. Bag Co. (See Pierce, R. E., and Linda, assignors.)
- Bemis Bro. Bag Co. (See Rowe, William W., assignor.)
- Bemis Bro. Bag Co. (See Young, C. T., and Brady, assignors.)
- Bemis & Call Company. (See Denerich, Anthony J., assignor.)
- Bemis, Farwell G., Brookline, and A. N. Weeks, North Scituate, Mass., assignors to Bemis Bro. Bag Co., St. Louis, Mo. Method of and apparatus for printing. 2,128,343; Aug. 30.
- Bemis Industries, Incorporated. (See Bemis, Albert F., assignor.)
- Bemis, Kenneth E., Oakland, Calif. Making pie crusts. 2,111,021; Mar. 15.

- Bemis, Kenneth E., Oakland, Calif. Hot cake server. 2,132,374; Oct. 11.
- Bemis, Kenneth E., Oakland, Calif. Barbecue machine. 2,138,813; Dec. 6.
- Bemiss Corporation. (See Bemiss, Robert P., assignor.)
- Bemiss, Robert P., San Francisco, Calif., assignor to Bemiss Corporation. Container. 2,130,445; Sept. 20.
- Benade, Walther, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Ortho-hydroxyazo dyes and manufacturing the same. 2,122,127; June 28.
- Benade, Walther, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Ortho-hydroxyazo dyes and producing the same. 2,133,374; Oct. 18.
- Benander, Clifford N., Meriden, Conn., assignor, by mesne assignments, to Monowatt Electric Corporation. Press. 2,135,299; Nov. 1.
- Benander, George B., Yalesville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Electric receptacle. 2,106,588; Jan. 25.
- Benbow, Burnie L., Euclid, Ohio, assignor to General Electric Company. Swaging machine. 2,114,171; Apr. 12.
- Benbow, Burtis W., Benbow, Calif. Traveling electrical contractor. 2,115,135; Apr. 26.
- Ben-Burk, Inc. (See Kaplan, Jacob, assignor.)
- Bencsik, Alex. (See Drexler, J., and Bencsik.)
- Bendel, Hermann, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Modulator. 2,136,606; Nov. 15.
- Bendeler, William E., Houston, Tex. Packing device for use in wells. 2,137,997; Nov. 29.
- Bender, Harry, Antioch, Calif., assignor to Great Western Electro-Chemical Company. Manufacture of nitromethane. 2,105,581; Jan. 18.
- Bender, Harry, Antioch, and D. J. Pye, Pittsburg, Calif. Glass electrode. 2,117,596; May 17.
- Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Friction material. 2,114,121; Apr. 12.
- Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Flexible compositions. 2,136,329; Nov. 8.
- Bender, John C., Houston, Tex., assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Subsurface prospecting device. 2,133,776; Oct. 18.
- Bender, Max, Astoria, N. Y., assignor, by mesne assignments, to United Acoustigraph Corporation. Sound recorder and reproducer. 2,107,050; Feb. 1.
- Bender, Nathaniel A. (See Sandone, Joseph M., assignor.)
- Bender, Robert W., assignor to Inter-Collegiate Press, Kansas City, Mo. Plate holder for intaglio printing machines. 2,106,078; Jan. 18.
- Bender Warrick Corporation. (See Warrick, Charles F., assignor.)
- Bender, William. (See Hoffman, P., Bender, and Cook.)
- Bendix Aviation Corporation. (See Axtmann, Harold G., assignor.)
- Bendix Aviation Corporation. (See Bendix, Vincent, assignor.)
- Bendix Aviation Corporation. (See Bock, Clarence H., assignor.)
- Bendix Aviation Corporation. (See Bohli, Jakob, assignor.)
- Bendix Aviation Corporation. (See Breese, Robert P., assignor.)
- Bendix Aviation Corporation. (See Carbonara, Victor E., assignor.)
- Bendix Aviation Corporation. (See Carroll, Eugene G., assignor.)
- Bendix Aviation Corporation. (See Carroll, E. G., and Taylor, assignors.)
- Bendix Aviation Corporation. (See Cerf, Gustave D., assignor.)
- Bendix Aviation Corporation. (See Chandler, Milton E., assignor.)
- Bendix Aviation Corporation. (See Chandler, M. E., and Wirth, assignors.)
- Bendix Aviation Corporation. (See Chappell, R. R., and Colt, assignors.)
- Bendix Aviation Corporation. (See Chappell, R. R., McCormack, and Colt, assignors.)
- Bendix Aviation Corporation. (See Chappell, R. R., McCormack, and Stroh, assignors.)
- Bendix Aviation Corporation. (See Dodge, Adiel Y., assignor.)
- Bendix Aviation Corporation. (See Frank, Frederick C., assignor.)
- Bendix Aviation Corporation. (See Rylsky, Gregory V., assignor.)
- Bendix Aviation Corporation. (See Heinz, Ralph M., assignor.)
- Bendix Aviation Corporation. (See Hunt, George H., assignor.)
- Bendix Aviation Corporation. (See Hunt, Scott F., assignor.)
- Bendix Aviation Corporation. (See Hunt, S. F., Olson, and Wirth, assignors.)
- Bendix Aviation Corporation. (See Hurley, Roy T., assignor.)
- Bendix Aviation Corporation. (See James, William S., assignor.)
- Bendix Aviation Corporation. (See Kerr, Henry H., Jr., assignor.)
- Bendix Aviation Corporation. (See Ketay, Morris F., assignor.)
- Bendix Aviation Corporation. (See Ketay, M. F., and Peterson, assignors.)
- Bendix Aviation Corporation. (See Kliersath, Victor W., assignor.)
- Bendix Aviation Corporation. (See La Brie, Ludger E., assignor.)
- Bendix Aviation Corporation. (See La Brie, L. E., and Heidloff, assignors.)
- Bendix Aviation Corporation. (See Lempereur, M., and Vincent, assignors.)
- Bendix Aviation Corporation. (See Miller, P. M., and R. B., assignors.)
- Bendix Aviation Corporation. (See Morgan, Alfred, assignor.)
- Bendix Aviation Corporation. (See Nowosielski, Edward B., assignor.)
- Bendix Aviation Corporation. (See Olshevsky, Dimitry E., assignor.)
- Bendix Aviation Corporation. (See Price, Harold W., and E. R.)
- Bendix Aviation Corporation. (See Price, Harold W., and E. R., assignors.)
- Bendix Aviation Corporation. (See Reichel, Wladimir A., assignor.)
- Bendix Aviation Corporation. (See Reichel, W. A., and Ketay, assignors.)
- Bendix Aviation Corporation. (See Sanford, Roy S., assignor.)
- Bendix Aviation Corporation. (See Rylsky, Gregory V., assignor.)
- Bendix Aviation Corporation. (See Rylsky, G. V., and Cerstvik, assignors.)
- Bendix Aviation Corporation. (See Sanford, Roy S., assignor.)
- Bendix Aviation Corporation. (See Sanford, R. S., and McConkey, assignors.)
- Bendix Aviation Corporation. (See Scott, Lloyd H., assignor.)
- Bendix Aviation Corporation. (See Seidenberg, Otto, assignor.)
- Bendix Aviation Corporation. (See Smith, Marshall A., Jr., assignor.)
- Bendix Aviation Corporation. (See Spengler, Walter J., assignor.)
- Bendix Aviation Corporation. (See Tognola, Tullio, assignor.)
- Bendix Aviation Corporation. (See Warren, Kenneth W., assignor.)
- Bendix Aviation Corporation. (See Watts, William S., assignor.)
- Bendix Aviation Corporation. (See Weber, Philip F., assignor.)
- Bendix Brake Company. (See Babel, Raymond A., assignor.)
- Bendix Brake Company. (See Carroll, Eugene G., assignor.)
- Bendix Brake Company. (See Fowler, Owen H., assignor.)
- Bendix Brake Company. (See La Brie, Ludger E., assignor.)
- Bendix Brake Company. (See Turgot, Robert C. L. P., assignor.)
- Bendix Home Appliances, Inc. (See Oliver, Wallace F., assignor.)
- Bendix Home Appliances, Inc. (See Scott, Ray W., assignor.)
- Bendix Home Appliances, Inc. (See Wells, Franklin H., assignor.)
- Bendix Products Corporation. (See Akerman, John, assignor.)
- Bendix Products Corporation. (See Allen, James G., assignor.)
- Bendix Products Corporation. (See Axtmann, Harold G., assignor.)
- Bendix Products Corporation. (See Clark, Kendall, assignor.)
- Bendix Products Corporation. (See Clarke, Harold E., assignor.)
- Bendix Products Corporation. (See Cole, Don, assignor.)
- Bendix Products Corporation. (See Cunningham, Marlon M., assignor.)
- Bendix Products Corporation. (See Curry, Robert J., assignor.)
- Bendix Products Corporation. (See Dalrymple, William P., assignor.)
- Bendix Products Corporation. (See Ericson, G. R., and Klasey, assignors.)
- Bendix Products Corporation. (See Fleming, Herbert J., assignor.)
- Bendix Products Corporation. (See Floyd, John M., assignor.)
- Bendix Products Corporation. (See Frank, Frederick C., assignor.)
- Bendix Products Corporation. (See Gallup, David L., assignor.)
- Bendix Products Corporation. (See Goepfrich, Rudolph A., assignor.)
- Bendix Products Corporation. (See Hall, Percy L., assignor.)
- Bendix Products Corporation. (See Hunt, Scott F., assignor.)
- Bendix Products Corporation. (See Johnson, Carl V., assignor.)



- Bendix Products Corporation. (See Johnson, Wayne R., assignor.)
- Bendix Products Corporation. (See Kliesrath, Victor W., assignor.)
- Bendix Products Corporation. (See La Brie, Ludger E., assignor.)
- Bendix Products Corporation. (See Lafitte, T. J. B., and Pradier, assignors.)
- Bendix Products Corporation. (See Lauer, Léon N., assignor.)
- Bendix Products Corporation. (See Linthwaite, Owen C., assignor.)
- Bendix Products Corporation. (See McNeal, Ellis D., assignor.)
- Bendix Products Corporation. (See McWade, R., Jr., and Lyndon, assignors.)
- Bendix Products Corporation. (See Mock, Frank C., assignor.)
- Bendix Products Corporation. (See Morphet, Everett C., assignor.)
- Bendix Products Corporation. (See Pontius, George W., Jr., assignor.)
- Bendix Products Corporation. (See Press, Carl, assignor.)
- Bendix Products Corporation. (See Price, Harold W., assignor.)
- Bendix Products Corporation. (See Price, Harold W., and E. R., assignors.)
- Bendix Products Corporation. (See Roberts, Glyn P., assignor.)
- Bendix Products Corporation. (See Roche, Clifton, assignor.)
- Bendix Products Corporation. (See Rosenberg, Ralph H., assignor.)
- Bendix Products Corporation. (See Roth, H. C., and Andres, assignors.)
- Bendix Products Corporation. (See Sanford, Roy S., assignor.)
- Bendix Products Corporation. (See Smith, Marshall A., Jr., assignor.)
- Bendix Products Corporation. (See Trisler, Milton A., assignor.)
- Bendix Products Corporation. (See Wells, Franklin H., assignor.)
- Bendix Products Corporation. (See White, John W., assignor.)
- Bendix Products Corporation. (See Whittington, Ralph S., assignor.)
- Bendix Products Corporation. (See Wright, William S., assignor.)
- Bendix Radio Corporation. (See Basim, Donald, assignor.)
- Bendix Radio Corporation. (See Granger, Harold, assignor.)
- Bendix, Vincent, assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,140,731; Dec. 20.
- Bendix-Westinghouse Automotive Air Brake Company. (See Andres, William J., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Andres, W. J., and Sanford, assignors.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Eaton, Wilfred A., assignor.)
- Bendix Westinghouse Automotive Air Brake Company. (See Eaton, W. A., and Vorech, assignors.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Rowley, Millard C., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Russell, Robert C., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Sanford, R. S., and Andre, assignors.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Sanford, R. S., and Andres, assignors.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Surdy, Charles J., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Turk, Thomas J., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Vorech, Stephen, assignor.)
- Bendsil, Van L., and L. J. St. John, Bellingham, Wash. Rotary fluid motor. 2,135,161; Nov. 1.
- Benedek, Elek K., Bucyrus, Ohio. Hydraulic weighing scale. 2,107,883; Feb. 8.
- Benedek, Elek K., Bucyrus, Ohio. Variable delivery pump or motor. 2,111,658; Mar. 22.
- Benedek, Elek K., Bucyrus, Ohio. Hydraulic pump or motor. 2,111,659; Mar. 22.
- Benedek, Elek K., Bucyrus, Ohio. Rotary radial plunger hydraulic apparatus. 2,115,296; Apr. 26.
- Benedek, Elek K., Bucyrus, Ohio. Motor suspension. 2,123,226; July 12.
- Benedek, Elek K., Bucyrus, Ohio. Variable displacement pump and balancing hydrostatic load. 2,126,722; Aug. 16.
- Benedek, Elek K., Bucyrus, Ohio. Variable delivery pump or motor. 2,129,642; Sept. 13.
- Benedek, Elek K., Bucyrus, Ohio. Variable delivery pump. 2,129,643; Sept. 13.
- Benedek, Elek K., Bucyrus, Ohio. Variable displacement pump or motor. 2,137,936; Nov. 22.
- Benedek, Elek K., Bucyrus, Ohio. Hydraulic positive drive pump or motor. 2,138,018; Nov. 29.
- Benedek, Elek K., Mount Gilead, Ohio. Hydraulic pump or motor. 2,111,657; Mar. 22.
- Benedetti, Felix, Clifton, N. J. Bottle holder. 2,128,114; Aug. 23.
- Benedetto, Giuseppe D. M., Barnes, London, England. Electric forging. 2,127,625; Aug. 23.
- Benedict, Ernest E., Alpena, Mich. Brake. 2,109,582; Mar. 1.
- Benedict, Erwin E., assignor to The Brearley Company, Rockford, Ill. Bathroom scale. 2,108,575; Feb. 15.
- Benedict, Erwin E., assignor to The Brearley Company, Rockford, Ill. Bathroom scale. 2,141,236; Dec. 27.
- Benedict, Floyd L., Columbus, Ohio. Heater. 2,137,224; Nov. 22.
- Benedict, Reuben, East Orange, N. J. Wire screening applicator. 2,108,638; Feb. 15.
- Benedict, T. N., Manufacturing Company. (See Tofte, Harold, assignor.)
- Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Removing copper compounds from copper-sweetened hydrocarbon oil. 2,138,566; Nov. 29.
- Benedum, Michael L., et al. (See Rose, James R., assignor.)
- Bener, Christian, Chur, assignor to the firm Raduner & Co. A.-G., Horn, Switzerland. Producing textiles with calender finish permanent to washing and product thereof. 2,121,005; June 21.
- Bener, Christian, Chur, assignor to the firm Raduner & Co. A.-G., Horn, Switzerland. Rendering textiles resistive against shrinking and product thereof. 2,121,006; June 21.
- Benford, Frank A., Schenectady, N. Y., assignor to General Electric Company. Adjusting reflectors. 2,128,791; Aug. 30.
- Benge, Frank H., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Making composite articles. 2,135,380; Nov. 1.
- Bengston, Sven E., Stockholm, Sweden. Carburetor. 2,127,386; Aug. 16.
- Benham, Dallas B., Minneapolis, Minn. Vending machine. 2,141,851; Dec. 27.
- Bénit, Henri, assignor to Compagnie Generale D'Electricite, Paris, France. Lead sheathed cable and protecting the lead against corrosion. Re. 20,766; June 21.
- Benjafield, Walter O., New York, N. Y. Shoehorn. 2,118,019; May 17.
- Benjamin, Abraham S., assignor to Teletype Corporation, Chicago, Ill. Selective signaling system. 2,121,182; June 21.
- Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Cotton harvester. Re. 20,633; Jan. 25.
- Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Disk plow. 2,136,607; Nov. 15.
- Benjamin Electric Mfg. Company. (See McBroom, Clyde V., assignor.)
- Benjamin Electric Mfg. Company. (See Phillips, Paul D., assignor.)
- Benjamin Electric Mfg. Company. (See Waterbury, John H., assignor.)
- Benjamin, Fred H., Pittsburgh, Pa. Surface tester. 2,113,290; Apr. 5.
- Benjamin, Mark, Wembley Park, and R. O. Jenkins, Wembley, assignors to The General Electric Company Limited, London, England. Construction of electrodes for cathode ray tubes and the like. 2,125,418; Aug. 2.
- Benjamin, Merrill G., Lakewood, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Feeding mechanism. 2,109,939; Mar. 1.
- Benjamin, Ralph, assignor of twenty-five per cent to L. Mancini and twenty-five per cent to N. Mancini, Waterbury, Conn. Combination lock. 2,136,584; Nov. 15.
- Benjamin, Theodore S. (See Benjamin, Walter R. and T. S.)
- Benjamin, Walter E., assignor to Pierce Governor Company, Anderson, Ind. Vacuum actuated safety system for engines. 2,131,264; Sept. 27.
- Benjamin, Walter R. and T. S., Granite City, Ill. Removable inner barrel for air guns. 2,117,935; May 17.
- Benjohn Laboratories, Inc. (See Dailey, Rollin C., assignor.)
- Bennekamper, Arthur. (See Levy, M. I., and Bennekamper.)
- Benner, Howard J., assignor to F. W. Sickles Company, Springfield, Mass. Electrical apparatus. 2,136,731; Nov. 15.
- Benner, Raymond C. (See Ball, A. L., and Benner.)
- Benner, Raymond C. (See Kirchner, H. P., and Benner.)
- Benner, Raymond C. (See Melton, R. L., Benner, and Kirchner.)
- Benner, Raymond C., and H. N. Baumann, Jr., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Refractory material. 2,118,143; May 24.
- Benner, Raymond C., Niagara Falls, and A. L. Ball, Lewiston, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Refiner. 2,124,393; July 19.
- Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles. 2,124,666; July 26.
- Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Cylinder grinder. 2,125,061; July 26.

- Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Coated abrasive product and manufacturing the same. 2,128,905; Sept. 6.
- Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Production of flexible abrasive articles. 2,128,906; Sept. 6.
- Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making abrasive coated material. 2,128,907; Sept. 6.
- Benner, Raymond C., and H. N. Baumann, Jr., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Cellular insulating refractory. 2,136,096; Nov. 8.
- Benner, Raymond C., and G. J. Easter, assignors to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles. 2,136,931; Nov. 15.
- Benner, Raymond C., and P. de Leeuw, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacture of bonded abrasive articles. 2,138,829; Dec. 6.
- Benner, Raymond C., and P. de Leeuw, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Production of abrasive articles. 2,138,830; Dec. 6.
- Benner, Roland G. (See Henke, C. O., and Benner.)
- Benner, Russell E. (See Rand, J. H., Jr., and Benner.)
- Bennett, Albert E., Jacksonville, Fla. Fluid controlling mechanism for weighing scales. 2,124,811; July 26.
- Bennett, Arthur, San Francisco, Calif. Gummed tape. 2,109,583; Mar. 1.
- Bennett, Arthur F. (See Graves, B. P., and Bennett.)
- Bennett, Arthur H., Logansport, Ind. Brake. 2,107,685; Feb. 8.
- Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Static and dynamic wheel balance tester. 2,127,950; Aug. 23.
- Bennett, Claude C., South Bend, assignor to A. E. Feragen, Inc., Seattle, Wash. Heavy-duty dynamometer. 2,130,833; Sept. 20.
- Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Wheel balancer—Dynamic-type. 2,134,500; Oct. 25.
- Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Axle press. 2,134,501; Oct. 25.
- Bennett, Claude C., assignor to A. E. Feragen, Inc., Seattle, Wash. Frame straightener. 2,140,686; Dec. 20.
- Bennett-Clark Co. (See Hoover, Charles O., assignor.)
- Bennett, Clement K., assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Wheel heater. 2,132,093; Oct. 4.
- Bennett, Clifford W., and B. H. Staats, Denver, Colo. Gate valve. 2,109,042; Feb. 22.
- Bennett, Dennis H., Grandville, assignor of one-third to L. Halford and one-third to W. E. Ihling, Kalamazoo, Mich. Cutter or sickle bar. 2,133,277; Oct. 18.
- Bennett, Donald E., Milwaukee, Wis. Toilet fixture. 2,109,564; Mar. 1.
- Bennett Fittings. (See Franck, Robert P., assignor.)
- Bennett, Frank S., Schenectady, N. Y., assignor to General Electric Company. Feed water preheater. 2,141,899; Dec. 27.
- Bennett, George E., East Providence, assignor to Sayles Finishing Plants Inc., Saylesville, R. I. Printing textile material. 2,112,132; Mar. 22.
- Bennett, George L., Terre Haute, Ind. Method of and apparatus for mining coal and the like. 2,104,579; Jan. 4.
- Bennett, George W., Elizabeth, Pa. Pitch paint. 2,123,560; July 12.
- Bennett, Gratian G., Heber, and W. J. Dallas, Brawley, Calif. Loading machine. 2,130,057; Sept. 13.
- Bennett, H. R. (See Parks, Asbury S., assignor.)
- Bennett, Harry T., and C. Prather, assignors to Mid Continent Petroleum Corporation, Tulsa, Okla. Lubricant and making the same. 2,117,076; May 10.
- Bennett, Herbert G. R., Duquesne, Pa. Die rolling bar stop. 2,110,257; Mar. 8.
- Bennett, Hubert D., Toledo, Ohio, assignor to Toledo Scale Manufacturing Company. Refrigerator. 2,120,014; June 7.
- Bennett, Hubert D., Toledo, Ohio, assignor to Toledo Scale Manufacturing Company. Receptacle for products of the soil. 2,128,218; Aug. 30.
- Bennett, Insee A., Sharpsburg, Pa., assignor to National Electric Products Corporation. Floor duct. 2,134,393; Oct. 25.
- Bennett, James A. J., Gaisla, Newton Mearns, Scotland, assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft sustaining rotor. 2,121,536; June 21.
- Bennett, James A. J., Gaisla, Newton Mearns, assignor to G. & J. Weir Limited, Glasgow, Scotland. Torsional vibration absorber. 2,122,274; June 28.
- Bennett, James A. J., Gaisla, Newton Mearns, and F. L. Hodgess, Clarkston, Scotland, assignors to Autogiro Company of America, Willow Grove, Pa. Aircraft having rotative sustaining wings. 2,105,682; Jan. 18.
- Bennett, James L., assignor to Hercules Powder Company, Wilmington, Del. Concentrating aqueous ammonia solutions. 2,108,914; Feb. 22.
- Bennett, John M., Passaic, N. J., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge tube and the like. 2,111,546; Mar. 22.
- Bennett, John W., F. C. Hale, and W. Pool, Spondon, near Derby, England, assignors to Celanese Corporation of America. Shedding mechanism for circular looms. 2,114,585; Apr. 19.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Furnace wall. 2,111,605; Mar. 22.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Apparatus for distributing granular or pulverulent material. 2,133,798; Oct. 18.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Furnace stoker. 2,135,697; Nov. 8.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Furnace stoker. 2,135,698; Nov. 8.
- Bennett, Nicholas, Widnes, England, assignor to Imperial Chemical Industries Limited. Manufacture of plastic masses. 2,136,270; Nov. 8.
- Bennett, Norman F., Newmarket, Ontario, Canada. Oil burner construction. 2,135,786; Nov. 8.
- Bennett, Ray A., and M. A. Sneed, Long Beach, Calif. Advertising sign. 2,105,209; Jan. 11.
- Bennett, Richard G., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge tube. 2,118,002; May 17.
- Bennett, Robert B., Overbrook Hills, Pa., assignor to Container Corporation of America, Chicago, Ill. Container. 2,111,382; Mar. 15.
- Bennett, Robert N., and C. L. George, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Tread means for double tired wheels. 2,110,587; Mar. 8.
- Bennett, Ross G., Fairfield, Conn., assignor, by mesne assignments, to C. W. Abbott, Larchmont, N. Y. Pendant receptacle. 2,124,943; July 26.
- Bennett, V. Ray, Pasadena, and G. G. Budwig, Burbank, assignors to Budwig Manufacturing Company, Burbank, Calif. Beverage dispensing apparatus. 2,132,011; Oct. 4.
- Bennett, Wilbur, Gouldsboro, assignor to The Early Foundry Company, Dickson City, Pa. Concealed hinge construction. 2,114,644; Apr. 19.
- Benninger, John M., Brooklyn, assignor of one-half to Fannie Tannenbaum, New York, N. Y. Hat form. 2,125,098; July 26.
- Benninghofen, Paul, et al., trustees. (See Diesbach, Fritz G., assignor.)
- Benninghofen, Paul, et al. (See Waechter, Harry J., assignor.)
- Bennion, Leslie H., and W. A. Smart, Leicester, England. Counter molding machine. 2,118,393; May 24.
- Benoit, Constant A., assignor to Permatex Company, Inc., Brooklyn, N. Y. Leak-sealing and rust-preventing composition. 2,129,459; Sept. 6.
- Benoit, Francois P. C., Paris, France. Apparatus for projection of molten pulverized bodies. 2,125,764; Aug. 2.
- Benoit, Joseph P., Alton, Ill., assignor to Owens-Illinois Glass Company. Dual Lehr loader. 2,113,929; Apr. 12.
- Benoit, Leon, New York, N. Y., and C. C. Moth, Tenafly, N. J.; said Moth assignor to said Benoit. Sealing mechanism. 2,116,259; May 3.
- Benoit, Leon, New York, N. Y. Carton. 2,138,019; Nov. 29.
- Benoit, Oliver A., Lawrence, Mass. Fiber receiving device. 2,141,782; Dec. 27.
- Bensel, Duryea, assignor, by mesne assignments to A. Borden, New York, N. Y. Dispensing spout carton. 2,132,925; Oct. 11.
- Bensemann, Edward H. T. (See Knapp, P. V., Senior, McNabb, and Bensemann.)
- Benson, Andrew, Wilmette, Ill. Power transmitting mechanism. 2,109,227; Feb. 22.
- Benson, Andrew. (See Schmid, T. Jr., and Benson.)
- Benson, Andrew, Wilmette, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Machine and making corrugated tubing. 2,139,714; Dec. 13.
- Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric core copper. 2,113,011; Apr. 5.
- Benson, Edward E., assignor of one-half to E. P. Smith, Providence, R. I. Storm window. 2,107,929; Feb. 8.
- Benson, Harry D. (See Paxton, G. C., Benson, and Johnson.)
- Benson, John R., East St. Louis, Ill. Propeller guard. 2,135,162; Nov. 1.
- Benson, Joseph E., Cedar Rapids, Iowa. Oyster opener. 2,133,529; Oct. 18.
- Benson, Lawrence, Wayland, Doerr Township, Allegan County, Mich. Fish reel holder. 2,129,903; Sept. 13.
- Bent, Franklin A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of hydrated oxides. 2,107,514; Feb. 8.
- Bent, Leavitt N., Holly Oak, assignor to Hercules Powder Company, Wilmington, Del. Manufacture of smokeless powder. 2,112,257; Mar. 29.
- Bent, Leavitt N., Holly Oak, assignor to Hercules Powder Company, Wilmington, Del. Refining resin. 2,115,679; Apr. 20.
- Bentley Engineering Company Limited, The. (See Manager, C. E. Walnwright, and Russell, assignors.)
- Bentley, Oliver D. H., Norfolk, Mass. Blower. 2,129,808; Sept. 13.



- Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Blower drive and support. 2,108,703; Feb. 15.
- Bentley, Robert H. (See Guett, M., and Bentley.)
- Bentley, Robert H., assignor to The Arrow-Hart & Hege-man Electric Company, Hartford, Conn. Snap switch. 2,109,378; Feb. 22.
- Bentley, Robert H., assignor to The Arrow-Hart & Hege-man Electric Company, Hartford, Conn. Electric tumbler switch. 2,120,423; June 14.
- Benton, Cecil R., Vergennes, Vt. Spark plug. 2,139,793; Dec. 13.
- Benton, James T., Spokane, Wash. Antifogging composition. 2,107,361; Feb. 8.
- Bentz, George B., New York, N. Y. Bathtub seat. 2,112,662; Mar. 29.
- Bentz, George B., New York, N. Y. Adjustable bathtub seat attachment. 2,113,189; Apr. 5.
- Bentz, George B., New York, N. Y. Bathtub seat attachment. 2,113,190; Apr. 5.
- Bentz, George B., New York, N. Y. Closet bowl step attachment. 2,120,481; June 14.
- Bentz, George B., New York, N. Y. Swing suspending clamp. 2,122,603; July 5.
- Bentz, George B., New York, N. Y. Closet bowl step attachment. 2,122,832; July 5.
- Bentz, George B., New York, N. Y. Bathtub seat attachment. 2,127,762; Aug. 23.
- Bentz, George B., New York, N. Y. Garment. 2,127,763; Aug. 23.
- Bentz, George B., New York, N. Y. Grab rail and seat attachment for bath tubs. 2,131,214; Sept. 27.
- Bentz, George B., New York, N. Y. Foldable closet seat deflector. 2,133,416; Oct. 18.
- Bentz, George B., New York, N. Y. Shield for toilet bowl seats. 2,141,341; Dec. 27.
- Bentzinger, Arthur, and W. Kick, assignors to Eisenwerk Rothe Erde G. m. b. H., Dortmund, Germany. Preventing axial separation of the ball races of ball bearings. 2,112,325; Mar. 29.
- Benway, William G. G., New York, N. Y. Vibrator. 2,128,555; Aug. 30.
- Benz, George W., St. Paul, Minn., assignor to Lactona, Incorporated. Massage device for tooth brushes. 2,141,969; Dec. 27.
- Benzing, Ernst, and J. Jaenicke, Frankfurt-on-the-Main, Germany, assignors, by mesne assignments, to Revertex Limited, London, England. Concentrating rubber latex and similar vegetable juices. 2,119,620; June 7.
- Benzing, Ernst, and J. Jaenicke, Frankfurt-on-the-Main, Germany, assignors, by mesne assignments, to Revertex Limited, London, England. Concentrating rubber latex. 2,140,198; Dec. 13.
- Benzing, Hugo, assignor to Aktiengesellschaft vorm. Seidel & Naumann, Dresden, Germany. Noise silencing type bar actuating arrangement for typewriters. 2,141,028; Dec. 20.
- Benzing, Mary L. V. (See Benzing, William A., and M. L. V.)
- Benzing, William A., and M. L. V. Benzing, Lincoln, Nebr. Brooder. 2,105,779; Jan. 18.
- Benzon, Frank B. (See Graham, W. M., and Benzon.)
- Berard, Hector R., and W. D. McKeon, assignors to The Heald Machine Company, Worcester, Mass. Apparatus for honing. 2,133,416; Oct. 18.
- Berarducci, Anthony, McKeesport, Pa. Cheese grater. 2,128,792; Aug. 30.
- Berbé François. (See Ferrero, P., Vandendries, and Berbé, assignors.)
- Berby, Ola L. (See McGiffert, J. R., and Berby.)
- Berch, Samuel H., Beverly Hills, Calif. Packing foods. 2,135,479; Nov. 8.
- Berchet, Gerard J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aliphatic acid diamide of long chain aliphatic diamines and making the same. 2,132,388; Oct. 11.
- Berchet, Gerard J. (See Carothers, W. H., and Berchet.)
- Berck, William F., assignor to R. N. Brodie Company, Oakland, Calif. Automatic shut-off mechanism for liquid meters. 2,114,207; Apr. 12.
- Berck, William F., assignor to Ralph N. Brodie Company, Oakland, Calif. Printing counter for fluid meters. 2,127,243; Aug. 16.
- Berck, William F., assignor to Ralph N. Brodie Company, Oakland, Calif. Setting mechanism for predetermining counters. 2,127,244; Aug. 16.
- Berek, Max, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Microscope. 2,128,394; Aug. 30.
- Berenson, Julius L., Alston, assignor to Allergia Products Company, Newton, Mass. Pillow, mattress, and the like. 2,136,330; Nov. 8.
- Berg, Carl, Arriba, assignor of one-half to R. C. Liber, Denver, Colo. Trailer hitch. 2,129,728; Sept. 13.
- Berg, Charles C., assignor to Beryl Metals Company, Inc., Spokane, Wash. Smelting furnace. 2,121,465; June 21.
- Berg, Edward, Kew Gardens, Long Island, N. Y. Sleeve form. 2,110,657; Mar. 8.
- Berg, Frantz F., Floral Park, assignor to E. R. Squibb & Sons, New York, N. Y. Purifying boric acid. 2,113,248; Apr. 5.
- Berg, Herbert. (See Herrmann, W. O., Haehnel, and Berg.)
- Berg, Hilmer F., Port Angeles, Wash. Towing logs. 2,106,906; Feb. 1.
- Berg, Ragnar, Pittsburgh, Pa., assignor to Koppers Company, Coke oven door operating mechanism. 2,123,521; July 12.
- Berg, Roy E. (See Bruce, D. S., and Berg.)
- Berg, William A., Yakima, Wash. Warehouse truck. 2,105,210; Jan. 11.
- Berg, William A., Yakima, Wash. Control handle for car windows. 2,108,554; Feb. 15.
- Berg, Willie. (See Humes, Guy B., assignor.)
- Bergan, Martin D., Linden, assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,130,825; Sept. 20.
- Bergan, Martin D., Linden, assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,134,775; Nov. 1.
- Bergdoll, John G., assignor to York Ice Machinery Corporation, York, Pa. Condenser system for railway cars. 2,121,115; June 21.
- Bergdoll, John G., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. 2,139,297; Dec. 6.
- Bergen, Bernhard, Minneapolis, Minn. Child's vehicle. 2,118,640; May 24.
- Bergen, William V., and A. C. Shute, assignors to Niterday Signal Co., Portland, Ore. Light reflector adapted for dual mounting. 2,122,395; July 5.
- Berger, Adolph L., Dayton, Ohio. Diffuser for centrifugal compressors. 2,114,285; Apr. 19.
- Berger, Arthur, Stuttgart-Oberturkheim, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Cylinder of a combustion engine with connected crankcase. 2,132,842; Oct. 11.
- Berger Brothers Company, The. (See Loeffel, Lester H., and Versoy, assignors.)
- Berger Brothers Company, The. (See McCue, Gerald, assignor.)
- Berger, Clarence E., assignor to Hanson-Van Winkle-Mun-ning Company, Matawan, N. J. Brush holder assembly and brush. 2,104,721; Jan. 11.
- Berger, Emil J., Hatfield, assignor to Dexdale Hosiery Mills, Lansdale, Pa. Straight knitting machine. 2,114,646; Apr. 19.
- Berger, Emil J., Hatfield, Pa., assignor to Dexdale Hosiery Mills, Lansdale, Pa. Yarn tensioning means for knitting machines. 2,114,647; Apr. 19.
- Berger, George C. (See O'Hagen, A. M., and Berger.)
- Berger, Harry A., New York, N. Y. Folding box. 2,112,062; Mar. 22.
- Berger, Harry A., New York, N. Y. Container. 2,113,288; Apr. 5.
- Berger, Henry G., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Distillate petroleum product and treating the same. 2,114,437; Apr. 19.
- Berger, Knute, Seattle, Wash. Logging equipment. 2,134,243; Oct. 25.
- Berger, Kornel, Brooklyn, N. Y. Harp swivel. 2,133,913; Oct. 18.
- Berger, Kornel, New York, N. Y. Forming a running thread nipple from flat stock. 2,137,797; Nov. 22.
- Berger, Lee, Indianapolis, Ind. Game. 2,142,068; Dec. 27.
- Berger, Mannie, Plainfield, N. J. Partition system. 2,107,624; Feb. 8.
- Berger, Morris W., and P. Weinberg, San Francisco, Calif. Attachment plug. 2,137,258; Nov. 22.
- Berger, Samuel I., Newark, N. J. Mechanical toy. 2,117,597; May 17.
- Berger, Samuel L., Newton Center, assignor to Boston Knitting Mills, Inc., Newton, Mass. Undergarment. 2,116,822; May 10.
- Berger, Thorleif, Oslo, Norway. Drying and/or smoking oven. 2,136,124; Nov. 8.
- Berger, Walter, New York, N. Y. Twin sweater set. 2,119,378; May 31.
- Bergeron, Alvin W. (See Platt, H., and Bergeron.)
- Bergert, Henry A., assignor to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for mounting race-way members on locomotive crankpins and the like. 2,104,967; Jan. 11.
- Bergert, Henry A., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing puller. 2,118,754; May 24.
- Bergert, Henry A., assignor to The Timken Roller Bearing Company, Canton, Ohio. Process and apparatus for mounting crankpins and the like. 2,118,755; May 24.
- Bergert, Henry A., assignor to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for use in effecting adjustments of roller bearing parts. 2,118,756; May 24.
- Bergevin, Charles R., assignor to The Torrington Manufacturing Company, Torrington, Conn. Spring forming device. 2,134,469; Oct. 25.
- Bergevin, Charles R., Worcester, Mass., and A. C. Nigro, assignors to The Torrington Manufacturing Company, Torrington, Conn. Spring coiling machine. 2,119,002; May 31.
- Bergez, Robert J., San Francisco, Calif. Wall tile construction. 2,132,982; Oct. 11.
- Bergh, Carl E., Langshyttan, Sweden. Band conveyer. 2,126,240; Aug. 9.
- Berghaus, Bernhard. (See Hagedorn, Gerhard, assignor.)
- Berghoefer, Victor A., assignor to Sterling Engineering Company, Milwaukee, Wis. Steam trap. 2,129,986; Sept. 13.
- Berghoff, Frank, La Fayette, Ind. Automatic window lock. 2,137,937; Nov. 22.



- Bergland, Ernest E., assignor, by mesne assignments, to himself and H. Kirchhofer, Los Angeles, Calif. Braking mechanism and the like. 2,130,785; Sept. 20.
- Berglund, Emil, et al. (See Nilson, Harold, assignor.)
- Berglund, Tage. (See Erickson, G., and Berglund.)
- Bergman, Carl, Hopatcong, N. J. Smoking pipe attachment. 2,136,537; Nov. 15.
- Bergman, Charles P., San Francisco, Calif., assignor to National Meter Company, Brooklyn, N. Y. Accuracy regulator. 2,111,547; Mar. 22.
- Bergman, Gus E. (See Reece, Mae G. and A. D., and Bergman.)
- Bergmann, Adolf, Berlin-Charlottenburg, Germany. Furniture frame. 2,109,080; Feb. 22.
- Bergmann, Adolf, Berlin-Charlottenburg, Germany. Furniture frame. 2,122,172; June 28.
- Bergmann, Adolph G., et al. (See Becker, Albert W., assignor.)
- Bergmann, Armin. (See Huckfeldt, G., and Bergmann.)
- Bergmann, Carl A., assignor to W. D. Mann, Milwaukee, Wis. Gas compressor. 2,118,371; May 24.
- Bergmann, Christian N., Pittsburgh, assignor of two-sixths to C. M. Clarke, Sewickley, Pa. Container conveyer and distributor. 2,108,522; Feb. 15.
- Bergmann, Christian N., Pittsburgh, assignor of two-sixths to C. M. Clarke, Sewickley, Pa. Container conveyer and distributor. 2,122,769; July 5.
- Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding head for reciprocating or shaker conveyers. 2,127,902; Aug. 23.
- Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,129,809; Sept. 13.
- Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,131,867; Oct. 4.
- Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding mechanism for shaker conveyers. 2,132,718; Oct. 11.
- Bergmann, Ludwig, Dusseldorf, Germany. Bust suspensor. 2,128,600; Aug. 30.
- Bergmann, Richard F., La Grange, Ill., assignor to Link-Belt Company. Protected screw take-up. 2,114,555; Apr. 19.
- Bergmann, William W. (See Fon Dersmith, C. R., and Bergmann.)
- Bergmans, Jan, Eindhoven, Netherlands, assignor to General Electric Company. Electric lamp. 2,106,079; Jan. 18.
- Bergner, Nore E., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Feed for centrifugal separators. 2,108,098; Feb. 15.
- Bergner, Nore E., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator for the separation of liquids tending to form froth. 2,139,715; Dec. 13.
- Bergs Manufacturing Company, The. (See Danninger, F., and Kastenholz, assignors.)
- Bergstein, Edna M., trustee. (See Bergstein, Robert M., assignor.)
- Bergstein, Edna M., et al., trustees. (See Bergstein, Robert M., assignor.)
- Bergstein, Edna M., et al., trustees. (See Bergstein, Samuel, assignor.)
- Bergstein, Robert M., et al. (See Bergstein, Samuel, assignor.)
- Bergstein, Robert M., Cincinnati, Ohio, assignor to E. M. Bergstein and himself, as trustees. Forming containers. Re. 20,789; July 12.
- Bergstein, Robert M., Cincinnati, Ohio, assignor to E. M. Bergstein and himself, as trustees. Mechanism for forming containers. 2,114,621; Apr. 19.
- Bergstein, Robert M., Cincinnati, Ohio, assignor to E. M. Bergstein and himself, as trustees. Hermetic package sealing. 2,114,622; Apr. 19.
- Bergstein, Robert M., Cincinnati, Ohio, assignor to E. M. Bergstein and himself, as trustees. Providing for internal atmospheric expansion of filled bags and hermetically sealing same. 2,114,623; Apr. 19.
- Bergstein, Robert M., Cincinnati, Ohio, assignor to E. M. Bergstein and himself, as trustees. Bag or liner sealing device. 2,114,624; Apr. 19.
- Bergstein, Robert M., Cincinnati, Ohio, assignor to E. M. Bergstein and himself, as trustees. Forming containers. 2,114,625; Apr. 19.
- Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, trustees. Apparatus for making sealed packages. 2,122,510; July 5.
- Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, trustees. Egg container. 2,125,042; July 26.
- Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, trustees. Device for opening, discharging the contents of, and multilating cartons. 2,125,116; July 26.
- Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, trustees. Machine and method for making knock down boxes. 2,125,117; July 26.
- Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, as trustees. Hermetically sealed carton. 2,128,893; Sept. 6.
- Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein. Container gluing machine. 2,130,786; Sept. 20.
- Bergstrom, Carl O., Boston, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Electric motor. 2,118,757; May 24.
- Bergstrom, Carl V., Milwaukee, Wis. Reflector. 2,107,362; Feb. 8.
- Bergstrom, Carl V., Milwaukee, Wis., assignor to Corning Glass Works, Corning, N. Y. Lens. 2,141,159; Dec. 27.
- Bergstrom, Eric V., assignor to Standard Oil Company, Chicago, Ill. Heat treating pressure vessels. 2,137,523; Nov. 22.
- Bergstrom, Ossian W. F., Halesite, N. Y. Support for paint buckets and the like. 2,140,045; Dec. 13.
- Bergström, Sten. (See Pierre, A. B., Johansson, and Bergström.)
- Bergstrom, Victor J. (See Gervasio, J. J., and Bergstrom.)
- Bergstrom, William A., Chicago, Ill., assignor to Rench-tite Spring Nut Company. Self-locking nut. Re. 20,915; Nov. 15.
- Bergstrom, William A., Chicago, Ill., assignor to Rench-tite Spring Nut Company, San Francisco, Calif. Making spring lock nuts. Re. 20,916; Nov. 15.
- Berhenke, Luther F. (See Britton, E. C., Coleman, and Berhenke.)
- Beria, Biagio, Turin, Italy. Ribbon feed mechanism. 2,118,963; May 31.
- Berlinger, Paul, Ballantine, Mont. Salt shaker. 2,121,116; June 21.
- Berk, Adam. (See Henneke, F. C., and Berk.)
- Berka, Fritz, and A. Giller, Vienna, Austria. Denicotinizing tobacco. 2,136,485; Nov. 15.
- Berkey, William E. (See Ludwig, L. R., Roman, Johnson, and Berkey.)
- Berkman, Herbert A., Chicago, Ill. Food cutter. 2,106,711; Feb. 1.
- Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Tool for cleaning and deepening grooves in pistons. 2,109,857; Mar. 1.
- Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Cylinder ridge reamer. 2,136,350; Nov. 8.
- Berkman, Irving W., Brooklyn, N. Y. Package. 2,130,728; Sept. 20.
- Berkowitz Envelope Company. (See Berkowitz, Eugene B., assignor.)
- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Bank deposit or like envelope. 2,112,227; Mar. 29.
- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Double sealed safety envelope. 2,112,748; Mar. 29.
- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Self-sealing envelope. 2,114,367; Apr. 19.
- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Combination letter or order form, check, and return envelope. 2,116,230; May 3.
- Berkowitz, Eugene B., assignor to Baltimore Paper Company, Kansas City, Mo. Gumming apparatus for envelope making machines. 2,118,035; May 24.
- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Bank deposit envelope. 2,129,192; Sept. 6.
- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Tuck flap envelope. 2,132,012; Oct. 4.
- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Moistureproof envelope. 2,139,654; Dec. 13.
- Berkshire Knitting Mills. (See Hemmerlich, Hugo, assignor.)
- Berkson, Ralph, Champaign, Ill. Method and apparatus for cooling dental impressions. 2,129,987; Sept. 13.
- Berl, Ernst. (See Auden, H. A., and Staudinger, assignors.)
- Berl, Ernst. (See Auden, H. A., Staudinger, and Wagesfield, assignors.)
- Berl, Ernst, Pittsburgh, Pa. Manufacture of products made from cellulose derivatives. 2,123,148; July 5.
- Berl, Ernst, Pittsburgh, Pa. Manufacture of mixed aliphato-nitro cellulose and products thereof. 2,125,880; Aug. 9.
- Berleth, Nelson B. (See Scott, F. L., and Berleth.)
- Berlin Fruit Box Company, The. (See Van Benschoten, Lucien D., assignor.)
- Berlin, David W., Rasundt, Sweden. Automatically variable power transmission apparatus. 2,130,597; June 11.
- Berlin, Donovan R. (See Austin, J. E., and Berlin.)
- Berlin, Donovan R., Leesville, and W. O. Watson, Kenmore, N. Y., assignors to Curtis Wright Corporation Aircraft Cabin. 2,132,119; July 5.
- Berlin, Julius. (See Stradford, W. B., and Berlin.)
- Berlin, Ludwig W. (See Kirschman, G., Schlichtschmidt, and Berlin.)
- Berliner, Henry A., Washington, D. C. Forming machine. 2,113,716; Apr. 19.
- Berliner, Henry A., Washington, D. C. Presser. 2,115,431; Apr. 26.
- Berliner, Henry A., Washington, D. C. Forming machine. 2,125,881; Aug. 9.
- Berliner, Henry A., Washington, D. C. Aircraft construction. 2,125,882; Aug. 9.



- Berliner, Julius F. T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,130,664; Sept. 20.
- Berliner, Julius F. T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye stain. 2,137,830; Nov. 22.
- Berliner, Julius F. T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye stain composition. 2,137,871; Nov. 22.
- Berliner, Julius F. T., and C. Sly, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of oiticica oil and product therefrom. 2,121,580; June 21.
- Berlin-Suhler Waffen-und Fahrzeugwerke G. m. b. H. (See Hirsch, Willy, assignor.)
- Berman, Arnold, et al. (See Walde, Albert H., assignor.)
- Berman, Hyman, New York, N. Y. Garment. 2,129,486; Sept. 6.
- Berman, Leo. (See Callahan, George, assignor.)
- Berman, Michael, and T. C. Zinter, assignors to Hewitt Rubber Corporation, Buffalo, N. Y. Conveyer belt. 2,121,650; June 21.
- Berman, Michael, and W. Brockner, assignors to Hewitt Rubber Corporation, Buffalo, N. Y. Making multiple passage hose. 2,122,335; June 28.
- Berman, Michael, and W. Brockner, assignors to Hewitt Rubber Corporation, Buffalo, N. Y. Multiple passage hose. 2,136,230; Nov. 8.
- Berman, Philip, New York, and L. B. Harris, Bayside, assignors to Albe Pump Corporation, Brooklyn, N. Y. Multistage liquid elevator. 2,133,269; Oct. 18.
- Berman, Phoebus, and A. L. Chaney, Los Angeles, Calif. Sterilizing indicator and ink. 2,118,144; May 24.
- Bernard, Arthur A., assignor to Hollup Corporation, Chicago, Ill. Take-off apparatus for electric welders. 2,117,077; May 10.
- Bernard, Auguste L. R., deceased, Rueil-Malmaison, by R. Bernard, nee Bournonville, executrix, Paris, France. Piston for internal combustion engines. 2,126,306; Aug. 9.
- Bernard, Harley L., Quincy, Mo. Rear view mirror. 2,136,836; Nov. 15.
- Bernard, Jean, Paris, France. Magneto. 2,119,092; May 31.
- Bernard, Renée, née Bournonville, executrix. (See Bernard, Auguste L. R.)
- Bernarde, Henry L., Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic remote metering system. 2,106,825; Feb. 1.
- Bernat, Antoni, Tewksbury, Mass. Milk pail. 2,138,537; Nov. 29.
- Bernau, Ludwig F., Miami, Fla. Convertible chair. 2,110,786; Mar. 8.
- Berndt, Arthur A., assignor to Electroline Company, Chicago, Ill. Connector. 2,105,178; Jan. 11.
- Berndt, Walter, and H. E. Paul, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Measuring instrument. 2,128,395; Aug. 30.
- Berndt, Walter, and A. Gothe, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave antenna system. 2,138,900; Dec. 6.
- Berner, Adolf E. G., Copenhagen, assignor of three-fourths to E. Feldman, Charlottenlund, near Copenhagen, Denmark. Graveling device for spraying of gravel in front of the wheels of an automobile. 2,126,865; Aug. 16.
- Berner, Robert, assignor to Hetherington & Berner Inc., Indianapolis, Ind. Portable asphalt mixing plant. 2,112,326; Mar. 29.
- Bernesser, Vincent, Shandaken, N. Y. Hose nozzle. 2,105,632; Jan. 18.
- Bernfeld, James, Newark, N. J. Dust deflector. 2,120,347; June 14.
- Bernhard, Albrecht, and G. Beyrich, assignors to Metrawatt Aktiengesellschaft Fabrik Elektrischer, Messgeräete, Nuremberg, Germany. Multirange photoelectric exposure meter. 2,129,114; Sept. 6.
- Bernhard, Benjamin S., Boston, Mass. Door closer and check. 2,116,185; May 3.
- Bernhard, Benjamin S., Boston, Mass. Hold open device. 2,117,013; May 10.
- Bernhard, Benjamin S., Boston, Mass., assignor to The American Hardware Corporation, New Britain, Conn. Hold open device. 2,106,448; Jan. 25.
- Bernhard, Edgar, et al. (See Indrieri, Alexander F., assignor.)
- Bernhard, Herman E. (See Lateltin, H., and Bernhard.)
- Bernhardt, Karl, Vienna, Austria, assignor to L. V. Aronson, Newark, N. J. Lighter mechanism. 2,113,930; Apr. 12.
- Bernhardt, Rudolph, Chicago, Ill. Container and closure therefor. 2,120,170; June 7.
- Bernhardt, Rudolph, Chicago, Ill. Spray pump. 2,123,351; July 12.
- Bernhardt, Rudolph, Chicago, Ill. Garment hanger. 2,128,219; Aug. 30.
- Bernhart, Nicholas, Hawthorne, assignor, by mesne assignments, to C. B. Johnson, Paterson, N. J. Forming leases. 2,111,660; Mar. 22.
- Bernheimer, Norbert. (See Röhm, R., and Neidlein, assignors.)
- Bernier, Gabriel. (See Lapiere, Gérard, assignor.)
- Berning, Helmut. (See Neureiter, H., and Berning.)
- Berning, Helmut. (See Klaar, A., Arndt, and Berning.)
- Bernitt, Charles E. (See McKee, G. K., and Bernitt.)
- Berno, Edward H. (See Hunt, G. H., and Berno.)
- Bernstein, Jacob, Omaha, Nebr. Transport tank mounting. 2,115,248; Apr. 26.
- Bernstein, Samuel S., Beverly Hills, Calif. Spring structure for furniture and the like. 2,109,282; Feb. 22.
- Bernstein, Samuel S., Beverly Hills, Calif. Webbing support for upholstered furniture. 2,117,394; May 17.
- Berres, Carl. (See Müller, W., and Berres.)
- Berriman, Edward W., Tampa, Fla. Cigar. 2,141,078; Dec. 20.
- Berrittella, James, Yonkers, N. Y. Attachment for golf clubs. 2,116,655; May 10.
- Berry, Anson, deceased, Northfield, Maine; I. L. Berry, administrator. Snowshoe. 2,125,883; Aug. 9.
- Berry, Casmer P., Buffalo, N. Y. Spice rack. 2,122,336; June 28.
- Berry, Charles F., Boston, Mass. Rubber overshoe. 2,132,523; Oct. 11.
- Berry, Christopher H., Toronto, Ontario, Canada. Paper milk bottle. 2,132,672; Oct. 11.
- Berry, Dennis C., Taylorsville, N. C. Refrigerator. 2,112,980; Apr. 5.
- Berry, Earl E. (See Mathews, C. B., Adams, and Berry.)
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Table roll structure for paper machines. 2,111,833; Mar. 22.
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Process and apparatus for drying fibrous webs. 2,111,834; Mar. 22.
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Paper machine table roll structure. 2,111,835; Mar. 22.
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Cross-current flow Fourdrinier paper making machine. 2,139,874; Dec. 13.
- Berry, Earl E., L. Hornbostel, and J. E. Goodwillie, assignors to Beloit Iron Works, Beloit, Wis. Suction roll. 2,107,812; Feb. 8.
- Berry, Edward A. (See Hoburg, W. L., McCandless, and Berry.)
- Berry, Eugene G., assignor to B. F. Gump Co., Chicago, Ill. Gyrotary sifter. 2,130,834; Sept. 20.
- Berry, Eugene G., and C. L. Reimuller, assignors to B. F. Gump Co., Chicago, Ill. Supporting means for gyrotary sifters. 2,123,876; July 19.
- Berry, George A., assignor to National Fuels Corporation, Bound Brook, N. J. Coal processing. 2,131,702; Sept. 27.
- Berry, Iva L., administrator. (See Berry, Anson.)
- Berry, John, New York, and I. D. Wolfson, Woodmere, N. Y. Dispensing closure means. 2,126,087; Aug. 9.
- Berry, M. K., et al. (See Kennedy, J. W., Ramsey, and Lee, assignors.)
- Berry, Malcolm L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Refining oils. 2,111,548; Mar. 22.
- Berry, Paul F., Columbus, Ohio. Fastening device. 2,123,764; July 12.
- Berry, Robert G., Memphis, Tenn. Testing device for shock absorbers. 2,133,843; Oct. 18.
- Berry, Robert M., Sr., Uniontown, Pa. Safety device for typographical composing machines. 2,123,271; July 12.
- Berry, Warren H., Albany, assignor to Ashe Manufacturing Corporation, Rensselaer, N. Y. Knit cuff. 2,111,353; Mar. 15.
- Bersted, Alfred, assignor to Bersted Manufacturing Company, Fostoria, Ohio. Electric toaster. 2,111,417; Mar. 15.
- Bersted Manufacturing Company. (See Bersted, Alfred, assignor.)
- Berst-Foster Dixfield Co. (See Garling, Karl E., assignor.)
- Bert, Ernest J., Melbourne, Victoria, Australia, assignor to Shell Development Company, San Francisco, Calif. Bituminous emulsions. 2,136,667; Nov. 15.
- Bertele, Ludwig, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Condenser lens system. 2,140,979; Dec. 20.
- Bertele, Ludwig, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Lens system. 2,141,733; Dec. 27.
- Bertels, Charles E., assignor of one-half to W. W. Breite, San Francisco, Calif. Metallic receptacle. 2,119,502; May 31.
- Berthold, Hermann, Leverkusen-L. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeings on cellulosic fibers. 2,104,505; Jan. 4.
- Bertl, Max. (See Muenster, W., Bauer, Koerberle, and Bertl.)
- Bertossa, Harry A., Detroit, assignor of one-half to J. R. Weeks, Birmingham, Mich. Warm air furnace. 2,104,181; Jan. 4.
- Bertram, Francis C., Portland, N. Y. Forming wire handles. 2,122,082; June 28.
- Bertram, Hugo A., Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Wood heel making machine. 2,104,115; Jan. 4.
- Bertram, Simon H., The Hague, Netherlands. Preparing purified glycyrrhizine. 2,104,968; Jan. 11.
- Bertrams, Elsa, assignor to Kabo Corset Co., Chicago, Ill. Corset or girdle and combination. 2,135,655; Nov. 8.
- Bertran, Benjamin E., et al. (See Peck, Matt R., assignor.)



- Bertran, Josie A., et al. (See Peck, Matt R., assignor.)
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine and covering insoles to which said machine may be applied. 2,106,268; Jan. 25.
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole fitting machine. 2,106,712; Feb. 1.
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rounding machine. 2,114,368; Apr. 19.
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole rounding machine. 2,123,272; July 12.
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rounding machine. 2,138,951; Dec. 6.
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting machine. 2,139,485; Dec. 6.
- Bertrand, Joseph T., Isle Verte, Quebec, Canada. Refrigerating device. 2,121,381; June 21.
- Bertrand, Lucien, assignor to Société Anonyme Français du Ferodo, Paris, France. Brake. 2,114,672; Apr. 19.
- Bertrand, Pierre. (See Desbordes, L., and Bertrand.)
- Bertrand, Wallace A., Parkersburg, W. Va. Master cylinder for hydraulic braking systems. 2,124,363; July 19.
- Bertry, Vital A., Paris, France. Safety razor. 2,137,327; Nov. 22.
- Bertsch, Heinrich, Chemnitz, Germany, assignor, by mesne assignments, to American Hyalcol Corporation, Wilmington, Del. Production of artificial silk and the like. 2,104,722; Jan. 11.
- Bertsch, Heinrich, Chemnitz, Germany, assignor to American Hyalcol Corporation, Wilmington, Del. Sulphuric derivatives of higher alcohols. 2,114,042; Apr. 12.
- Bertsch, Heinrich, Chemnitz, Germany, assignor to American Hyalcol Corporation, Wilmington, Del. Mixed esters of higher alcohols. 2,114,043; Apr. 12.
- Bertsch, Heinrich, Chemnitz, Germany, assignor to American Hyalcol Corporation, Wilmington, Del. Higher molecular alcohols. 2,132,348; Oct. 4.
- Bertsch, Heinrich, assignor, by mesne assignments, to Böhme Fettchemie-Gesellschaft mit beschränkter Haftung, Chemnitz, Germany. Fire extinguishing method and medium. 2,136,963; Nov. 15.
- Bertsch, Heinrich, and H. Stober, assignors, by mesne assignments, to Böhme Fettchemie-Gesellschaft mit beschränkter Haftung, Chemnitz, Germany. Wetting and dispersing agents and making the same. 2,104,728; Jan. 11.
- Bertsch, Johann A., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of amino bodies. 2,132,389; Oct. 11.
- Bertsch, Margaret, Philadelphia, Pa. Service platter. 2,107,023; Feb. 1.
- Berwick, Bernard, New York, N. Y. Decorative light ornament. 2,136,780; Nov. 15.
- Beryl Metals Company. (See Berg, Charles C., assignor.)
- Beryllium Corporation, The. (See Merlub-Sobel, Menahem, assignor.)
- Besch, John O., assignor of one-half to H. J. Watson, Milwaukee, Wis. Casket. 2,141,734; Dec. 27.
- Beskow, Bernhard M., Miami Beach, Fla. Hair waver. 2,139,181; Dec. 6.
- Beskow, James H., assignor to A. Smith, Birmingham, Ala. Auto tire tube vulcanizer. 2,110,075; Mar. 1.
- Besler, William J. (See Christensen, Clarence A., assignor.)
- Besner, Paul. (See Hansen, C., and Besner.)
- Bessler, Edward T., Milwaukee, Wis. Dispensing container. 2,141,701; Dec. 27.
- Bessom, Earl A., Meadville, Pa., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat fitting machine. 2,108,161; Feb. 15.
- Bessom, Earl A., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for separating shoes from lasts. 2,139,658; Dec. 13.
- Bessom, Earl A., Marblehead, and C. H. Pepin, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of woven material. 2,106,267; Jan. 25.
- Bessonette, Marshall O., Medford, Oreg. Hamburger patty forming apparatus. 2,105,211; Jan. 11.
- Best, Clarence A., New Albany, Ind. Folding chair. 2,107,813; Feb. 8.
- Best, Dorothy S. (See Best, Frank M., assignor.)
- Best, Edward P. (See Story, E. B., and Best.)
- Best Foods, Inc., The. (See Schaub, Gordon C., assignor.)
- Best, Frank A., East Windsor, Ontario, Canada. Metal working machine. 2,106,866; Feb. 1.
- Best, Frank A., Windsor, Ontario, Canada. Robe rail and forming the same. 2,132,927; Oct. 11.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,104,182; Jan. 4.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,101,723; Jan. 11.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,107,593; Feb. 8.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,109,459; Mar. 1.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Valve operating mechanism. 2,109,815; Mar. 1.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Hydraulic valve tappet. 2,109,816; Mar. 1.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,112,133; Mar. 22.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,112,981; Apr. 5.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,121,007; June 21.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,126,943; Aug. 16.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Vehicle wheel. 2,129,115; Sept. 6.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,132,926; Oct. 11.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,133,652; Oct. 18.
- Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,136,271; Nov. 8.
- Best, Frank E., Inc. (See Harp, Franklin H., assignor.)
- Best, Frank M., New York, N. Y., assignor to D. S. Best. Electromagnetic reproduction of sound and other wave motions. 2,110,193; Mar. 8.
- Best, John G., Toronto, Ontario, Canada, assignor to Varilux Holding Corporation, Limited, Nassau, Bahamas. Illuminated sign. 2,106,699; Feb. 1.
- Best, John G., assignor to General Animated Signs, Limited, Toronto, Ontario, Canada. Animated sign and operating it. 2,137,127; Nov. 15.
- Best, John H., & Sons, Inc. (See Best, Leon H., assignor.)
- Best, Leon H., assignor to John H. Best & Sons, Inc., Galva, Ill. Display stand. 2,137,748; Nov. 22.
- Best, Leon H., assignor to John H. Best & Sons, Inc., Galva, Ill. Display rack. 2,137,749; Nov. 22.
- Best, Wilson F., and W. Kremer, Grand Rapids, Mich. Stacking and nesting box or receptacle. 2,112,451; Mar. 29.
- Best, Wilson F., and W. Kremer, assignors to Grand Rapids Sample Case Company, Grand Rapids, Mich. Box or receptacle. 2,105,179; Jan. 11.
- Best, Wilson F., and W. Kremer, Grand Rapids, Mich.; said Kremer, assignor to said Best. Receptacle. 2,121,944; June 28.
- Bestco Shoe Machinery Inc. (See Le Gault, Elzear J., assignor.)
- Besway Manufacturing Company Limited. (See Louis, Edward S., assignor.)
- Betcone, David S., Middletown, Ohio. Building construction. 2,137,767; Nov. 22.
- Beth, Hugo W. H., assignor to Norton Company, Worcester, Mass. Grinding wheel mounting. 2,110,619; Mar. 8.
- Bethke, John P. (See Olson, J. B., and Bethke.)
- Bethlehem Foundry & Machine Company. (See Van Seiver, Josiah, H., assignor.)
- Bethlehem Steel Company. (See Baughman, Harry C., assignor.)
- Bethlehem Steel Company. (See Dougherty, Robert S. A., assignor.)
- Bethlehem Steel Company. (See Feehrer, E. R., and Kuhnert, assignors.)
- Bethlehem Steel Company. (See Florence, Warren M., assignor.)
- Bethlehem Steel Company. (See Geer, Harry R., assignor.)
- Bethlehem Steel Company. (See Lewis, R. A., and Schenck, assignors.)
- Bethlehem Steel Company. (See Long, Edward R., assignor.)
- Bethlehem Steel Company. (See Mahood, George P., assignor.)
- Bethlehem Steel Company. (See Miller, Louis G., assignor.)
- Bethlehem Steel Company. (See Statler, Walter H., assignor.)
- Bethlehem Steel Company. (See Tesseyman, J. E., and Miller, assignors.)
- Bethlehem Steel Company. (See White, William F., assignor.)
- Bethlehem Steel Company. (See Whitford, Harry S., assignor.)
- Beth Mary Steel Corporation. (See Mackie, Edwin C., assignor.)
- Betner, Benjamin C., Ithaca, Pa. Bag closure. 2,108,741; Feb. 15.
- Betner, Benjamin C., Company. (See Koenig, John, assignor.)
- Betry, Owen C., Glendale, Calif. Fuel temperature regulator and distributor. 2,113,916; July 24.
- Bettcher Manufacturing Company, The. (See Stinson, Floyd E., assignor.)
- Better Brushes, Inc. (See Silverman, Max M., assignor.)
- Better, Francis J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to shoe bottoms. 2,114,606; Mar. 22.
- Better Packings Inc. (See Krueger, Theodore H., assignor.)
- Betterton, Jesse O., and V. E. Lebedev, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating metal. 2,109,141; Feb. 22.
- Betterton, Jesse O., and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating metals. 2,113,043; Apr. 12.



- Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining alloys of lead and tin. 2,119,197; May 31.
- Betterton, Jesse O., Metuchen, A. J. Phillips, Plainfield, and R. E. Allen, Avenel, N. J., assignors to American Smelting and Refining Company, Limited. Smelting of metallurgical dusts. 2,139,065; Dec. 6.
- Betterton, Jesse O., and W. H. Bitner, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating zinciferous materials. 2,140,309; Dec. 13.
- Bettis, William L., Los Angeles, assignor to E. B. Kleaver, Burbank, Calif. Gas separator. 2,107,625; Feb. 8.
- Bettis, Wilbur F., Glendale, assignor to M. O. Johnston, Los Angeles, Calif. Sleeve packer construction. 2,125,665; Aug. 2.
- Bettison, David C., Omaha, Nebr. Valve actuating means. 2,120,389; June 14.
- Bettison, David C., Omaha, Nebr. Valve-actuating means. 2,140,826; Dec. 20.
- Bettison, David C., and F. H. Keaton, Omaha, Nebr. Electrical measuring instrument. 2,125,983; Aug. 9.
- Betts, Clifford A., Chevy Chase, Md. Hinged automatic flashlight gate. 2,118,535; May 24.
- Betts, Gilbert A., assignor to The Universal Engraving & Colorplate Company, Incorporated, Buffalo, N. Y. Printing plate unit. 2,108,039; Feb. 15.
- Betz, Carl E., Park Ridge, assignor to Magnafux Corporation, Chicago, Ill. Paste of paramagnetic particles for use in the examination of paramagnetic materials for flaws by the magnetic method. 2,106,882; Feb. 1.
- Betz, Carl E., and F. B. Doane, assignors to Maynafux Corporation, Chicago, Ill. Testing. 2,128,228; Aug. 30.
- Betz, Paul L., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Control system for gas heaters. 2,137,199; Nov. 15.
- Betz, Paul L., Baltimore, Md., and S. Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Safety device for gas heaters. 2,130,175; Sept. 13.
- Betz, Paul L., Baltimore, Md., and S. Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Safety device for gas heaters. 2,140,466; Dec. 13.
- Betz, W. H. & L. D. (See Schroeder, Wilburn C., assignor.)
- Betzler, Martin, Neuruppin, Brandenburg, Germany, assignor to Pyrene-Minimax Corporation, Newark, N. J. Apparatus and method for producing fire extinguishing foam. 2,138,133; Nov. 29.
- Betzold, John J., Winnipeg, Manitoba, Canada. Stuffing box. 2,113,289; Apr. 5.
- Betzold, Max F., C. Rascher, and C. A. Torp, assignor to Rascher & Betzold, Inc., Chicago, Ill. Thermometer. 2,104,218; Jan. 4.
- Beuoy, George H., Cedar Vale, Kans. Electrical cutting instrument. 2,120,598; June 14.
- Beusch, Christian, Wadenswil, Switzerland. Hydraulic brake. 2,107,257; Feb. 1.
- Beutel, Robert J., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Bread slicer. 2,141,947; Dec. 27.
- Bentlich, Sigurd, assignor to Scale-Models, Inc., Chicago, Ill. Truck assembly for model railway cars. 2,133,530; Oct. 18.
- Berard, Lawrence H., St. Louis, Mo. Electrode holder. 2,124,283; July 19.
- Beverage, Harold H. (See Latimer, C. W., Finch, and Beverage.)
- Beverage, Harold H., Riverhead, N. Y., assignor to Radio Corporation of America. Centralized control. 2,112,877; Apr. 5.
- Beverage, Harold H., Riverhead, P. S. Carter, Port Jefferson, and G. S. Wickizer, Riverhead, N. Y., assignors to Radio Corporation of America. Short wave signaling. 2,138,134; Nov. 29.
- Beveridge-Marvellum Company, The. (See Householder, G., and Shearer, assignors.)
- Beverley, Ernest R., Kansas City, Mo. Parking meter. 2,122,973; July 5.
- Beverly Products Corporation. (See Lewis, Edward G., assignor.)
- Biever, Horace S., Paducah, Ky. Manually actuated vehicle. 2,114,648; Apr. 19.
- Bey, Edmund T. B., Prague, Czechoslovakia. Address card or the like. 2,128,793; Aug. 30.
- Beyer, Alois. (See Kennedy, L., and Beyer.)
- Beyer, Alvin D., Norristown, Pa. Nourishing plants. 2,135,998; Nov. 8.
- Beyer, Fred H., Lockport, N. Y. Dispensing container for styptic powder. 2,107,100; Feb. 1.
- Beyer, James E., Akron, and E. J. Leesman, Cincinnati, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Stock preparation method. 2,123,839; July 12.
- Beyer, Millard L. (See Royce, A. A., and Beyer.)
- Beyer, Walter, North Tonawanda, N. Y. Safety match holder. 2,116,231; May 3.
- Beyer, Walter E., Indianapolis, Ind. Traffic signal. 2,111,087; Mar. 15.
- Beyer, William K., assignor to G. S. McGill, Chicago, Ill. Combination heating and light radiating device. 2,118,145; May 24.
- Beyersdorfer, Paul, Reichenbach (Oberlausitz), assignor to Chemische Werke Schuster & Wilhelm Patentverwertungs-Gesellschaft m. b. H., Berlin, Germany. Making finely divided metal compounds. 2,112,189; Mar. 22.
- Beynen, Laurens R., Brummen, B. M. van Dorp, Vorden, and W. van de Pol, Loenen, Veluwe, Netherlands. Preparing perforated metal articles. 2,123,297; July 12.
- Beyrich, Guido. (See Bernhard, A., and Beyrich.)
- Bezydort, Kurt, Hartford, Conn., assignor to Electric Steam Sterilizing Company, Inc., New York, N. Y. Demand feed system. 2,141,705; Dec. 27.
- Bezant, Ronald. (See Finlayson, D., and Bezant.)
- Bezault, Georges, Juvisy, France, assignor to Cartier, Inc., New York, N. Y. Bracelet or other jewel. 2,120,308; June 14.
- Bezault, Georges, Juvisy, France, assignor to Cartier, Inc., New York, N. Y. Bracelet or other jewel. 2,120,348; June 14.
- Bezjak, Victor. (See Petsche, J. D., and Bezjak.)
- Bezold, George L. (See Roosevelt, M. S., and Bezold.)
- Bezenberger, Frederick K., Shaker Heights, Ohio, assignor to A. Kietz, Bellevue, Wash., and P. D. Spaeth, Cincinnati, Ohio. Permanent waving process and apparatus. 2,127,458; Aug. 16.
- Biach, John L. (See Geer, C. D., and Biach.)
- Bialy, Andrew, assignor of one-half to G. J. Yox, one-fourth to N. Bialy, and one-fourth to H. Bialy, Buffalo, N. Y. Drip guard for windows. 2,120,171; June 7.
- Bialy, Helen, et al. (See Bialy, Andrew, assignor.)
- Bialy, Nellie, et al. (See Bialy, Andrew, assignor.)
- Bibb Manufacturing Company. (See Gwaltney, Eugene C., assignor.)
- Biberthaler, Max G., Meriden, and W. R. Becher, Wethersfield, assignors to The Silex Company, Hartford, Conn. Strainer. 2,123,327; July 12.
- Bibicos, Theodore, Cleveland, Ohio. Coin detecting device for slot machines. 2,118,425; May 24.
- Bice, Lorin, Laurel, and F. Soular, Billings, Mont., assignors to A. O. Smith Corporation, Milwaukee, Wis. Extracting precious metals. 2,136,409; Nov. 15.
- Bichowsky, Francis R., Ann Arbor, Mich. Conditioning air or gas. 2,108,248; Feb. 15.
- Bichowsky, Francis R., Toledo, Ohio. Air conditioning. 2,112,392; Mar. 29.
- Bichowsky, Francis R., Toledo, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Recovery of solvents from gases. 2,129,299; Sept. 6.
- Bichowsky, Francis R., Ottawa Hills, Toledo, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Spiral heat interchanger. 2,129,300; Sept. 6.
- Bichowsky, Francis R., Toledo, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Spiral heat interchanger and making same. 2,131,265; Sept. 27.
- Bickel, Clarke A., Huntington Park, Calif. Producing souvenir pocketpieces. 2,130,058; Sept. 13.
- Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Diameter gauging apparatus. 2,105,962; Jan. 18.
- Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Apparatus for turning complex workpieces. 2,140,949; Dec. 20.
- Bickel, Frederic J., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Brush. 2,108,742; Feb. 15.
- Bickel, Joseph W., Niles Center, Ill. Circuit control means. 2,133,799; Oct. 18.
- Bickenheuser, Frank J., assignor of three-fourths to Gellocide Corporation, and one-fourth to G. F. Collins, Sr., Tulsa, Okla. Topical germicidal medicine. 2,114,369; Apr. 19.
- Bickenheuser, Frank J., assignor of three-fourths to Gellocide Corporation, and one-fourth to G. F. Collins, Sr., Tulsa, Okla. Agent for the treatment of mucous surfaces. 2,114,370; Apr. 19.
- Bickford, Frederick E., Rye, N. Y. Packaging machine. 2,116,995; May 10.
- Bickford, Frederick E., Rye, N. Y. Package making machine. 2,128,982; Sept. 6.
- Bickford, Frederick E., Rye, N. Y. Package treating machine. 2,130,761; Sept. 20.
- Bickley, Elmer, Lennoxville, Quebec, Canada. Fingernail file. 2,117,053; May 10.
- Bicknel, Ralph N., Bangor, Maine. Regulating valve for refrigerating systems. 2,121,312; June 21.
- Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Automatic heat control valve for internal combustion engines. 2,108,639; Feb. 15.
- Bicknell, George R., Antioch, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine work support positioning means. 2,139,068; Dec. 6.
- Bicknese, Frank, Worthington, Minn. Pole bracket and insulator. 2,107,594; Feb. 8.
- Biddison, Pascal M., Dallas, Tex., and M. R. Ryan and C. R. Burke, assignors to Danciger Oil & Refineries, Inc., Tulsa, Okla. Treatment of hydrocarbons. 2,105,467; Jan. 18.
- Biddle, John, Whitwick, assignor to M. Margolis, London, England. Self-lighting cigarette. 2,130,115; Sept. 13.
- Biddle, William C. (See Corbin, Elbert A., Jr., assignor.)
- Biddle, William C. (See Corbin, E. A., Jr., and Wolf, assignors.)
- Biddle, William M., Collingswood, N. J. Making last models for shoes. 2,140,505; Dec. 20.



- Bidefeldt, Carl M., Stockholm, Sweden. Door lock switch. 2,113,672; Apr. 12.
- Biderman, Julius, Brooklyn, N. Y. Container. 2,134,427; Oct. 25.
- Bidwell, Earl E., assignor to Productive Inventions, Inc., Gary, Ind. Spark plugs. 2,122,242; June 28.
- Bidwell, Paul W., and G. M. Prentice, Holyoke, Mass. Counting device. 2,122,710; July 5.
- Bidwell, William B., II, assignor of one-half to W. C. Bidwell, Portland, Ore. Internal combustion engine. 2,124,604; July 26.
- Bidwell, William C. (See Bidwell, William B., assignor.)
- Bieber, Clarence G., and M. P. Buck, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Nickel anode. 2,117,284; May 17.
- Biederman, Edward G., assignor to General Motors Corporation, Detroit, Mich. Air-o-matic spot welder. 2,120,141; June 7.
- Biederman, Joseph B., Cincinnati, Ohio. Device for the treatment of diseases of the genital organs. 2,112,646; Mar. 29.
- Biederman, Maurice H. (See Ziegler, Ray, assignor.)
- Biedermann, Oscar, assignor to The Globe Company, Chicago, Ill. Tripe washer. 2,119,311; May 31.
- Biedermann, William F., Providence, R. I., assignor to Federal Chain Company, Chain. 2,140,491; Dec. 20.
- Bielec, Sam, et al. (See Sollinger, Henry R., assignor.)
- Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,108,640; Feb. 15.
- Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric device. 2,123,227; July 12.
- Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,125,279; Aug. 2.
- Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,125,280; Aug. 2.
- Bielski, Joseph E., Oak Park, Ill. Display sign. 2,130,917; Sept. 20.
- Bien, Israel, San Francisco, Calif. Sharpener. 2,128,115; Aug. 23.
- Bienefeld, Morris, Brooklyn, N. Y. Girdle. 2,107,849; Feb. 8.
- Bienert, Berthold. (See Gassner, S., and Bienert.)
- Bienert, Berthold, Leverkusen I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acylamino phthalocyanine. 2,133,340; Oct. 18.
- Bienert, Berthold, Leverkusen-I. G. Werk, and K. Holzach, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyeing process. 2,135,633; Nov. 8.
- Bienstock, Samuel J., Bronx, N. Y. Mailing device. 2,117,539; May 17.
- Bier, Arthur M., New York, N. Y. Locking and latching means. 2,129,810; Sept. 13.
- Bier, Walter, Berlin, Germany, assignor to Radio Patents Corporation, New York, N. Y. Band pass filter. 2,142,038; Dec. 27.
- Bierer, John M., Newton, assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Machine for vulcanizing endless belting. 2,110,076; Mar. 1.
- Biermanns, Josef, Berlin-Johannisthal, Germany, assignor to General Electric Company. Electric switching. 2,138,652; Nov. 29.
- Biermanns, Josef, Berlin-Johannisthal, and O. Mayr, Berlin-Karlshorst, Germany, assignors to General Electric Company. Electric circuit interrupter. 2,140,378; Dec. 13.
- Bierwirth, Rudolph A., Haddonfield, N. J., assignor to Radio Corporation of America. Audio frequency amplifier. 2,113,393; Apr. 5.
- Blester, Amanda, administratrix. (See Blester, Ernest A.)
- Blester, Ernest A., deceased, Chicago, Ill.; A. Blester, administratrix. Hack saw. 2,116,137; May 3.
- Bigelow, George E., Southgate, and A. R. Wels, assignors of one-half to Pacific Pump Works, Huntington Park, Calif. Duplex high pressure rotary pump. 2,108,786; Feb. 22.
- Bigelow, Harry K., assignor to B. S. Lurie, Columbus, Ohio. Method and apparatus for finishing brake shoes. 2,118,003; May 17.
- Bigelow, Julian H. (See Drake, H. C., and Bigelow.)
- Bigelow Liptak Corporation. (See Spencer, H. W., and Davis, assignors.)
- Bigelow, Newell M. (See Dahlen, M. A., Bigelow, and Zwilgmeyer.)
- Bigelow, Newell M. (See Dahlen, M. A., Zwilgmeyer, Bigelow, and Deese.)
- Bigelow Sanford Carpet Co. (See Cooper, Wellesley B., assignor.)
- Bigelow-Sanford Carpet Co. (See Darlenzo, Frank, assignor.)
- Bigelow-Sanford Carpet Co. Inc. (See Coyle, Joseph A., assignor.)
- Bigelow-Sanford Carpet Co. Inc. (See Knowland, Richard G., assignor.)
- Bigelow-Sanford Carpet Co. Inc. (See Knowland, R. G., and Dow, assignors.)
- Bigelow, Willard L., Newport, Ky. Goggle set. 2,126,697; Aug. 10.
- Bigger, Trafford W., and F. L. Hargrove, Schenectady, N. Y., assignors to General Electric Company. Boiler drum. 2,106,589; Jan. 25.
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Universal coupling. 2,118,028; May 24.
- Biggs, George A., assignor to The James Leffel and Company, Springfield, Ohio. Turbine pump. 2,131,611; Sept. 27.
- Biggs, George I. (See McKenney, William R., assignor.)
- Biggs, John L., Calumet City, Ill. Fumigating materials. 2,122,853; July 5.
- Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Manufacture of reflector bulbs. 2,123,706; July 12.
- Biggs, William P., Washington, D. C. Respiratory device. 2,104,016; Jan. 4.
- Bigler, Robert H. (See Schwarze, B. H., and Bigler.)
- Bigman, Morris L., Brooklyn, N. Y. Illuminating attachment for switch devices. 2,134,695; Nov. 1.
- Bigman, Morris L., Brooklyn, N. Y. Illuminated switch. 2,134,696; Nov. 1.
- Bigney, S. O., & Company. (See Bigney, Sidney O., assignor.)
- Bigney, Sidney O., Attleboro, Mass., assignor to S. O. Bigney & Company. Expandable chain structure. 2,117,395; May 17.
- Bijur, George, executor. (See Bijur, Joseph.)
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Automatic centralized lubricating installation. 2,104,729; Jan. 11.
- Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y.; said J. Bijur assignor, by mesne assignments, to Auto Research Corporation. Lubrication. 2,105,468; Jan. 18.
- Bijur, Joseph, deceased, by G. Bijur, New York, N. Y., executor, assignor to Auto Research Corporation. Lubrication. 2,134,697; Nov. 1.
- Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Central lubrication. 2,139,659; Dec. 13.
- Bikkers, Alexander, The Hague, assignor to W. F. Poel, Haarlem, Netherlands. Refrigerating machine of the absorption type. 2,134,996; Nov. 1.
- Bikle, William E. (See Thompson, W. D., and Bikle.)
- Bilbrey, Albert A., Salem, Ore. Adhesive container stopper and brush. 2,138,319; Nov. 29.
- Bilek, Karel. (See Svoboda, Jaroslav, and L., and Bilek.)
- Bilger, Walter A., Philadelphia, and D. M. Watson, Ardley, assignors to The American Pulley Company, Philadelphia, Pa. Grooved pulley. 2,140,068; Dec. 13.
- Bilhuber, E., Inc. (See Euler, H. V., Albers, and Schlenk, assignors.)
- Bilhuber, E., Inc. (See Schenck, Gerhard, assignor.)
- Bilhuber, Paul H., Douglaston, N. Y. Acoustic translating device. 2,121,008; June 21.
- Bilhuber, Paul H., Douglaston, assignor to Steinway & Sons, New York, N. Y. Soundboard for pianos. 2,107,659; Feb. 8.
- Bilinski, Michael, Ottawa, Ontario, Canada. Trap. 2,124,227; July 19.
- Billand, Carl, Kaiserslautern/Rheinpfalz, Germany. Molding by sand-blowing. 2,107,814; Feb. 8.
- Bille, Heinrich, Saetre in Royken, assignor to Norsk Sprængstøfindustri A/S, Oslo, Norway. Apparatus for the treatment of plastic explosives for the production of ribbon- or rod-shaped pieces. 2,116,007; May 3.
- Billig, Jacob and P. J., Bronx, N. Y., assignors to Breeze Corporation, Inc., Newark, N. J. Liquid tank. 2,134,678; Oct. 25.
- Billig, Kurt, Frankfurt-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cyclic acetal. 2,131,998; Oct. 4.
- Billig, Philip J. (See Billig, Jacob and P. J.)
- Billig, George W., assignor to R. & W. H. Symington & Company Limited, Market Harborough, England. Manufacture or production of material and garments therefrom for bathing and swimming. 2,135,027; Nov. 1.
- Billig, Noel P. (See Abbott, Frederick F. M., assignor.)
- Billig, Noel P., London, England. Photographic camera and attachments therefor. 2,137,378; Nov. 22.
- Billig, Noel P., and A. H. Tapper, London, England; said Tapper assignor to said Billig. Film envelope. 2,137,379; Nov. 22.
- Billig, Noel P., London, and A. G. Willis, Richmond, Surrey, England; said Willis assignor to said Billig. Film envelope. 2,137,380; Nov. 22.
- Billig, Wyly M., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Preparation of polybasic acids or anhydrides. 2,136,944; Aug. 16.
- Billings, Edmund, Wetson, and H. H. Offutt, Winchester, assignors to Godfrey I. Cabot, Inc., Boston, Mass. Manufacture of carbon black. 2,120,540; June 14.
- Billings, Edmund, Wetson, and H. H. Offutt, Winchester, assignors to Godfrey I. Cabot, Inc., Boston, Mass. Manufacture of carbon black. 2,120,541; June 14.
- Billings, Everett W., Jr., Los Angeles, Calif. Erasing machine. 2,114,462; Apr. 19.
- Billings, Howard J. (See Crocker, F. C., and Billings.)
- Billings, Howard J., South Acton, assignor to A. D. Little, Incorporated, Cambridge, Mass. Treating cereals and resulting product. 2,131,881; Oct. 4.
- Billings, Ralph E., Fort Wayne, Ind., assignor to General Electric Company. Liquid cooler. 2,128,794; Aug. 30.
- Billings and Spencer Company, The. (See Cassel, Carl R., assignor.)



- Billings & Spencer Company, The. (See Ward, Ferrari P., assignor.)
- Billingsley, Wallace R., Daytona Beach, Fla. Trailer. 2,135,097; Nov. 1.
- Billington, Arthur G., Rye, N. Y. Tool for pulling inside axle bearing cones. 2,113,755; Apr. 12.
- Billington, John E., Altrincham, and R. H. Scott, Enfield, assignors to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,112,134; Mar. 22.
- Billioque, Elie J. H., Le Pre-Saint-Gervais, France. Stabilizing device for aeroplanes. 2,112,757; Mar. 29.
- Billker, Fredrick W., Milwaukee, Wis., and J. B. Ball, Chicago, Ill., assignors to Milwaukee Saw Trimmer Corporation, Milwaukee, Wis. Cutting machine. 2,109,057; Feb. 22.
- Billner, Karl P., New York, N. Y. Method of and apparatus for the construction of walls and similar forms. 2,116,557; May 10.
- Bills, Claud H., Maywood, assignor of one-half to C. W. Timmons, Alhambra, Calif. Tank flanged pipe coupling. 2,117,111; May 10.
- Billstein, Arthur E. F. (See Grindall, W. H., and Billstein.)
- Binapf, Josef, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of condensation products of dicarboxylic acid anhydrides. 2,121,183; June 21.
- Binckley, George S., Los Angeles, Calif. Gas gravitometer. 2,106,966; Feb. 1.
- Binder, Anna, Buchau, Germany. Climbing device for skis. 2,107,363; Feb. 8.
- Binder, Frederick G. (See McElroy, J. H., Yeo, and Binder.)
- Binder, Gertrude S., administratrix. (See Binder, Richard L.)
- Binder, Joseph, New York, N. Y. Article of manufacture. 2,129,399; Sept. 6.
- Binder, Richard L., deceased; G. S. Binder, administratrix, assignor to Metals Coating Company of America, Philadelphia, Pa. Metal spraying apparatus. 2,136,668; Nov. 15.
- Binder, William O., Niagara Falls, N. Y., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,537; July 26.
- Bindler, Jakob. (See Iselin, M., and Bindler.)
- Bindloss, Philip G. (See Herbst, P. J., Heacock, and Bindloss.)
- Bingham, Carl G., Highland Park, Ill., and A. R. Zimmer, Kansas City, Mo., assignors to Sam'l Bingham's Son Mfg. Co., Chicago, Ill. Machine for coating printers' rollers. 2,141,852; Dec. 27.
- Bingham, Charles E., et al. (See Bingham, John G., assignor.)
- Bingham, David W. (See Gibbs, H. J. and T. A., and D. W. Bingham.)
- Bingham, Eugene C., Easton, Pa., and D. Figlioli, assignors to Boorum & Pease Company, Brooklyn, N. Y. Fluid conductor for ruling machines and the like. 2,107,230; Feb. 1.
- Bingham, Francis J., Los Angeles, Calif. Mail pouch. 2,128,689; Aug. 30.
- Bingham, Harvey N., San Juan, Tex. Weed destroyer. 2,115,702; May 3.
- Bingham, Irwin F. (See Cromer, S., and Bingham.)
- Bingham, John G., Bexhill-on-Sea, England, assignor of one-third to C. E. Bingham and one-third to L. Bingham. Pressure indicating device. 2,120,691; June 14.
- Bingham, Louise, et al. (See Bingham, John G., assignor.)
- Bingham, Thomas A. (See Gibbs, H. J. and T. A., and D. W. Bingham.)
- Bingham's, Sam'l, Son Mfg. Co. (See Bingham, C. G., and Zimmer, assignors.)
- Biniek, Georg, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrolytic condenser. 2,139,437; Dec. 6.
- Binks Manufacturing Company. (See Bramsen, S., and Wahlin, assignors.)
- Binks Manufacturing Company. (See Green, V. G., and Gustafsson, assignors.)
- Binks Manufacturing Company. (See Gustafsson, Eric, assignor.)
- Binks Manufacturing Company. (See Gustafsson, E., and Wahlin, assignors.)
- Binks, Melvin J., assignor, by mesne assignments, to Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,131,091; Sept. 27.
- Binley, Noble O. (See Skok, A., and Binley.)
- Binney, Charles A., Hornell, assignor, by mesne assignments, to The Standard Stoker Company, Inc. (1922). New York, N. Y. Distributor head for stokers. 2,121,313; June 21.
- Binney, Eric A. (See Mardis, P. L., and Binney.)
- Binney & Smith Co. (See Eckhoff, Violet M., assignor.)
- Binns, Edward H., Pittsburgh, Pa. Garment protector. 2,111,164; Mar. 15.
- Binns, Edward H., Pittsburgh, Pa. Combined garment support and protector. 2,112,009; Mar. 22.
- Binns, Edward H., Pittsburgh, Pa. Garment protector. 2,125,867; Aug. 9.
- Binns, Edward H., Pittsburgh, Pa. Garment protector. 2,125,868; Aug. 9.
- Bins, Frank M., Butte, Mont. Coupling for canvas tubing. 2,122,925; July 5.
- Binz, Arthur, Berlin, Germany, and B. Hughes, Carbon-dale, Pa., assignors to Winthrop Chemical Company, Inc., New York, N. Y. Mercurized halogen methane sulphonic acids and their salts and the preparation thereof. 2,129,988; Sept. 13.
- Birch, Harold W., Belmont, Mass. Burling table. 2,105,715; Jan. 18.
- Birch, Herbert M. (See Shepard, Kelvin K., assignor.)
- Birch, William T., Chicago, Ill. Water pressure regulator. 2,105,876; Jan. 18.
- Bird, Byron M., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Jigging. 2,132,376; Oct. 11.
- Bird, Byron M., and E. F. Muller, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Apparatus for treating mineral materials. 2,132,375; Oct. 11.
- Bird, Byron M., and F. P. Smith, assignors to The Jeffrey Manufacturing Company, Columbus, Ohio. Air controlled water jig and valve therefor. 2,132,377; Oct. 11.
- Bird, Byron M., and E. F. Muller, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Jig. 2,132,378; Oct. 11.
- Bird, Harold S. (See Marsters, E. R., and Bird.)
- Bird, Herbert S. (See Jacobs, M. V., and Bird.)
- Bird, John C., Montclair, N. J., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa. Preparing picric acid compounds. 2,139,400; Dec. 6.
- Bird, John L. (See Hodgman, F. S., and Bird.)
- Bird, Len O. (See Brodersen, Max M., assignor.)
- Bird, Lester F., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Electric switch. 2,107,138; Feb. 1.
- Bird, Lester F., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Intensity meter for ultraviolet rays. 2,114,163; Apr. 12.
- Bird Machine Co. (See Lyons, Sanford C., assignor.)
- Bird, Samuel B., Rockford, and A. L. Lippert, assignors to Joseph Bancroft & Sons Co., Wilmington, Del. Treating cotton fabric and the product thereof. 2,111,486; Mar. 15.
- Bird & Son, Inc. (See Reynolds, Frank P., assignor.)
- Bird & Son, Inc. (See Sutherland, Frank, assignor.)
- Bird, Whitworth F., Springfield, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Multished loom. 2,139,994; Dec. 13.
- Bird, Whitworth F., Springfield, and W. R. Hewton, assignors to Collins & Aikman Corporation, Philadelphia, Pa. Loom. 2,111,525; Mar. 15.
- Bird, Whitworth F., Springfield, and W. R. Hewton, assignors to Collins & Aikman Corporation, Philadelphia, Pa. Automatic double shuttle weft replenishing loom. 2,111,526; Mar. 15.
- Bird, Whitworth F., Wallingford, and W. R. Hewton, assignors to Collins & Aikman Corporation, Philadelphia, Pa. Automatic loom. 2,136,331; Nov. 8.
- Bird, William, Buffalo, and D. R. Clark, Amherst, N. Y. Time controlled parachute release device. 2,114,897; Apr. 19.
- Bird & Yeomans Limited. (See Taylor, Raymond, assignor.)
- Birdseye, Clarence, Gloucester, Mass., assignor, by mesne assignments, to Birdseye Electric Company, Dover, Del. Reflecting glow lamp. 2,135,480; Nov. 8.
- Birdseye, Clarence, Gloucester, Mass., assignor to Birdseye Electric Company. Adjustable electric lamp. 2,138,780; Nov. 29.
- Birdseye, Clarence and H. D. Wilson, Gloucester, and W. N. Heath, Rockport, Mass., assignors to Birdseye Electric Corporation, Dover, Del. Adjustable extension socket. 2,118,785; May 24.
- Birdseye, Clarence, Gloucester, and C. K. Reiman, Newton, assignors to Birdseye Electric Company, Gloucester, Mass. Reflecting electric lamp. 2,121,314; June 21.
- Birdseye Electric Company. (See Birdseye, Clarence, assignor.)
- Birdseye Electric Company. (See Birdseye, C., and Reiman, assignors.)
- Birdseye Electric Company. (See Reiman, C. K., and Cook, assignors.)
- Birdseye Electric Company. (See Wilson, H. D., and Heath, assignors.)
- Birdseye Electric Corporation. (See Birdseye, C., Wilson, and Heath, assignors.)
- Birdseye Electric Corporation. (See Cook, Joseph F., Jr., assignor.)
- Birdseye Electric Corporation. (See Heath, Walter N., assignor.)
- Birdseye Electric Corporation. (See Rook, Charles R., assignor.)
- Birge, Ernest N., assignor to Seymour Manufacturing Company, Inc., Seymour, Ind. Scythe snath web. 2,135,273; Nov. 1.
- Birge, Francis J., assignor to Seymour Manufacturing Company, Incorporated, Seymour, Ind. Weed cutter. 2,106,047; Jan. 18.
- Biri, Walter, and J. C. Clairon, New York, N. Y. Garment hanger device. 2,113,394; Apr. 5.
- Birk, Harold W., East Hartford, Conn. Receptacle. 2,125,419; Aug. 2.
- Birkebak, Christian A. (See Snader, I. J., and Birkebak.)



- Birkenbeuel, Edward B., assignor to Iron Fireman Manufacturing Company, Portland, Ore. Coupling for coal worm sections. 2,118,289; May 24.
- Birkenbeuel, Edward B., assignor to Iron Fireman Manufacturing Company, Portland, Ore. Underfeed stoker. 2,122,711; July 5.
- Birkenbeuel, Edward B., assignor to Iron Fireman Manufacturing Company, Portland, Ore. Underfeed stoker. 2,123,163; July 12.
- Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Electrical cut-out. 2,135,787; Nov. 8.
- Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Fuse. 2,135,788; Nov. 8.
- Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Fuse. 2,135,789; Nov. 8.
- Birkhimer, Edwin R. (See Ferris, S. W., and Birkhimer.)
- Birkigt, Louis, Versoix, near Geneva, Switzerland. Supercharged engine fed through a radiator system. 2,136,964; Nov. 15.
- Birkigt, Marc, Bois-Colombes, France. Percussion fuse. 2,116,820; May 10.
- Birkland, Stellan, San Francisco, Calif., assignor to American Can Company, New York, N. Y. Container. 2,139,660; Dec. 13.
- Birmingham, Thomas F., Hammond, Ind., assignor to The Superheater Company, New York, N. Y. Welding fins to tubes. 2,107,435; Feb. 8.
- Birnbach Radio Company. (See Wertheimer, Samuel M., assignor.)
- Biro, Carl G., Marblehead, Ohio. Meat cutting and slicing machine. 2,104,360; Jan. 4.
- Biro, Carl G., Marblehead, Ohio. Saw setting machine. 2,109,161; Feb. 22.
- Biro, Carl G., Marblehead, Ohio. Meat cutting and slicing machine. 2,113,931; Apr. 12.
- Biro, Carl G., Marblehead, Ohio. Power meat band saw. 2,120,963; June 21.
- Birr, Emil J. (See Wilmanns, G., Fricke, and Birr.)
- Birr, Rudolph G., Lombard, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel dispensing apparatus. 2,117,396; May 17.
- Birr, Rudolph G., Lombard, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Toweling dispensing apparatus. 2,134,631; Oct. 25.
- Birr, Rudolph G., Lombard, and A. C. Grunwald, River Forest, Ill., assignors to Steiner Sales Company, Salt Lake City, Utah. Paper towel dispensing apparatus. 2,118,336; May 24.
- Birtles, Arthur B., assignor to Wood-Mosaic Co., Incorporated, Louisville, Ky. Portable composite floor. 2,138,085; Nov. 29.
- Birtley Company Limited, The. (See Appleyard, K. C., and Pollitt, assignors.)
- Bischof, Bernhard, Kiel, Germany. Hydraulic transmission. 2,141,166; Dec. 27.
- Bischof, Bernhard, Kiel, Germany. Control means for hydraulic transmission. 2,141,167; Dec. 27.
- Bischof, Bernhard, Kiel, Germany. Slide valve arrangement for hydraulic gears. 2,141,168; Dec. 27.
- Bischof, Julius L. (See Carey, M. G., and Bischof.)
- Bischof, Otto, Royal Oak, Mich. Molding apparatus. 2,138,470; Nov. 29.
- Bischoff, Fritz E., Santa Barbara, Calif. Insulin preparation. 2,121,900; June 28.
- Bischoff, Heinrich, Korntal, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Magneto. 2,116,354; May 3.
- Bischoff, Kurt. (See Niemann, C., and Bischoff.)
- Bischoff, Kurt, Alterlangen, near Erlangen, C. Niemann, Buckenhof, near Erlangen, H. Wünsch, Erlangen, assignors to The firm Siemens-Reiniger-Werke, Aktiengesellschaft, Berlin, Germany. Unitary Roentgen apparatus. 2,132,673; Oct. 11.
- Bischoff, Robert. (See Brisbane, E. C., and Bischoff.)
- Bischoff, Robert, assignor to S. Morgan Smith Company, York, Pa. Valve. 2,128,071; Aug. 23.
- Bishop & Babcock Mfg. Company, The. (See Findley, Howard J., assignor.)
- Bishop, Frederic L., Fox Chapel, assignor to American Window Glass Company, Pittsburgh, Pa. Manufacture of sheet glass. 2,116,693; May 10.
- Bishop, George D., assignor to Crown Paper Company, Sanford, Fla. Packaging of fruits and vegetables. 2,109,765; Mar. 1.
- Bishop, Gus B., Killarney, Fla. Washing machine. 2,115,611; Apr. 26.
- Bishop, Howard B., Summit, N. J. Laundry blueing and souring composition. 2,111,589; Dec. 27.
- Bishop, John C., Savannah, N. Y. Trousers clip for clasp. 2,107,516; Feb. 8.
- Bishop, John C., Savannah, N. Y. Antiskid. 2,107,517; Feb. 8.
- Bishop, John C., Savannah, N. Y. Post clamp chains. 2,122,854; July 5.
- Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Conveyor. 2,120,652; June 7.
- Bishop, Leonard J., Detroit, Mich., assignor to Mechanical Handling Systems, Inc. Automatic speed adjusting device for multiple drive conveyor system. 2,128,795; Aug. 30.
- Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Pusher dog for conveyor chains. 2,132,455; Oct. 11.
- Bishop, Mark. (See Pletcher, H., Bishop, and Jones.)
- Bishop, Mark. (See Petcher, H. S., Bishop, and Jones.)
- Bishop, William H., Birmingham, England. Sliding roof for vehicles. 2,117,598; May 17.
- Bishop, William H., Birmingham, England. Sliding roof for vehicles. 2,122,712; July 5.
- Bishop, William H., assignor to Weathershields Limited, Birmingham, England. Opening roof for vehicle bodies. 2,132,228; Oct. 4.
- Bishop, William T., assignor to Hercules Powder Company, Wilmington, Del. Stabilized chlorinated paraffin wax and producing. 2,119,149; May 31.
- Bising, James A. M., Jersey City, N. J., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Thermometer. 2,119,126; May 31.
- Bisonit G. m. b. H. (See Gullich, Kurt, assignor.)
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Signal casing. 2,107,777; Feb. 8.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Push button switch. 2,113,756; Apr. 12.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. System for regulating controllers. 2,120,123; June 7.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Electrical connector. 2,129,811; Sept. 13.
- Bissell, David J., assignor to Quad Pneumatic Lift Company, Spokane, Wash. Door closer. 2,128,633; Aug. 30.
- Bissell, Everett S., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,117,134; May 10.
- Bissell, Everett S., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Illuminating device. 2,117,135; May 10.
- Bissell, Everett S., Irondequoit, assignor to Mixing Equipment Co., Inc., Rochester, N. Y. Material agitating means. 2,137,328; Nov. 22.
- Bissell, William T., assignor to Journal Box Servicing Corporation, Indianapolis, Ind. Journal box waste grab preventing means. 2,129,812; Sept. 13.
- Bisson, Henry A., Berlin, N. H. Paper towel receptacle. 2,125,420; Aug. 2.
- Bisson, Orphir. (See Robillard, Gaspard, assignor.)
- Bissonnette, Julien, Manchester, N. H. Heat deflector. 2,136,837; Nov. 15.
- Bister, Germain J. M., Paris, France. Calculating machine. 2,119,003; May 31.
- Bisterfeld, Ernst. (See Albrecht, K., and Böhlk, assignors.)
- Bistrom, Frank V. (See Allin, G. S., and Bistrom.)
- Biswell, Charles B., and W. V. Wirth, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxidation of alkyl pyridines and alkyl quinolines. 2,109,954; Mar. 1.
- Biswell, Charles B., and W. V. Wirth, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing meta-nitro-para-toluidine. 2,128,511; Aug. 30.
- Biswell, Charles B., and W. V. Wirth, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of 4-amino-azo-benzene-4'-sulphonic acid. 2,139,325; Dec. 6.
- Bisantz, Fred, assignor to The Gallon Metallic Vault Company, Gallon, Ohio. Dump body leverage. 2,136,231; Nov. 8.
- Bisantz, Fred, assignor to The Gallon Metallic Vault Company, Gallon, Ohio. Dump body leverage. 2,139,794; Dec. 13.
- Bisantz, Fred, assignor to The Gallon Metallic Vault Company, Gallon, Ohio. Dump body. 2,139,795; Dec. 13.
- Bisantz, Fred, assignor to The Gallon Metallic Vault Company, Gallon, Ohio. Tire carrier and body construction. 2,140,615; Dec. 20.
- Bitner, Ralph E., Flushing, N. Y. Light frequency converter. 2,120,916; June 14.
- Bitner, William H. (See Betterton, J. O., and Bitner.)
- Bitner, William H., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Electrolytic apparatus. 2,115,004; Apr. 26.
- Bitner, William H., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Electrolytic apparatus. 2,122,876; July 5.
- Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Camp stove. 2,122,275; June 28.
- Bitter, Francis. (See Frey, A. A., and Bitter.)
- Bitter, John L., Johnson City, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Reinforced rubber article. 2,130,413; Sept. 20.
- Bitting, Incorporated. (See Kether, Harry H., assignor.)
- Bittner, Clifford, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Adjustable seat. 2,139,553; Dec. 6.
- Bittner, Joseph R., assignor to Griffith Tool Works, Philadelphia, Pa. Wrench. 2,107,231; Feb. 1.
- Bittoff, Louis A., assignor to National Manufacturing Co., Sterling, Ill. Hinge package. 2,138,901; Dec. 6.
- Bituvert Corporation. (See Sadler, S. S., and Field, assignors.)
- Bitzer, Gottlob, Lincoln Park, assignor to Textile Machine Works, Wilmington, Pa. Multiple loop regulating mechanism. 2,125,831; Aug. 2.
- Bitzer, John, St. Louis, Mo. Stick hanger. 2,117,285; May 17.



- Bivort, Henri J., Brussels, Belgium. Glass tank furnace. 2,131,215; Sept. 27.
- Bixby, Butler L., Buffalo, assignor of one-tenth to E. H. Wright, Olean, N. Y. Automatic welding torch. 2,122,194; June 28.
- Bixby, Kenneth R., Geneseo, Ill., assignor to The Marion Steam Shovel Company, Marion, Ohio. Excavating machine. 2,139,254; Dec. 6.
- Bixby, Kenneth R., Geneseo, Ill., assignor to The Marion Steam Shovel Company, Marion, Ohio. Excavating machine. 2,139,255; Dec. 6.
- Bixby, Leo A., Kalamazoo, assignor to Clark Equipment Company, Buchanan, Mich. Brake construction. 2,133,074; Oct. 11.
- Bixby, Walter, assignor to Shawmut Engineering Company, Boston, Mass. Yarn carrier or tube frame. 2,128,875; Aug. 30.
- Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Valve assembly. 2,120,852; June 14.
- Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,130,835; Sept. 20.
- Bjorkman, Carl G., Chicago, Ill. Process and apparatus for making gut string. 2,104,730; Jan. 11.
- Bjorkman, John G., Shreveport, La. Making decorative plates. 2,126,088; Aug. 9.
- Björkström, Gustaf W., Stockholm, Sweden. Cooling system for combustion engines. 2,110,497; Mar. 8.
- Björnson, Björn G., Wyoming, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal control circuits. 2,116,558; May 10.
- Björnson, Björn G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuits. 2,131,580; Sept. 27.
- Björnson, Björn G., New York, N. Y., and N. W. Bryant, Lyndhurst, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way signaling system. 2,112,515; Mar. 29.
- Björnson, Ingvar, Sunset Beach, Calif. Garment control belt. 2,113,911; Apr. 12.
- Blach, Ralph C., Birmingham, Ala. Pants measuring device. 2,114,990; Apr. 26.
- Blach, Ralph C., Birmingham, Ala. Templet for marking trouser cuffs. 2,133,417; Oct. 18.
- Blacher, Joseph, Boston, Mass. Flashing. 2,122,926; July 5.
- Black, Arthur P. (See Armett, G. A., Black, and Fulton.)
- Black, Clarence R., Ocala, Fla. Display rack. 2,122,833; July 5.
- Black-Clawson Company, The. (See Kutter, Herman L., assignor.)
- Black & Decker Electric Company, The. (See Cole, James D., assignor.)
- Black & Decker Manufacturing Company. (See Whitney, K. E., and Decker, assignors.)
- Black, Edward R., et al. (See Black, Elam L., assignor.)
- Black, Edward R., assignor to Black Systems, Inc., Chicago, Ill. Building covering. 2,133,683; Oct. 18.
- Black, Elam L., assignor to E. R., J. E., and E. L. Black, doing business as Black Systems, Chicago, Ill. Building covering. 2,117,014; May 10.
- Black, Floyd C. (See Gebert, A. E., and Black.)
- Black, Harold M., assignor to McKee Glass Company, Jeannette, Pa. Glass feeder. 2,121,945; June 28.
- Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,106,337; Jan. 25.
- Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone signaling system. 2,117,835; May 17.
- Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,126,529; Aug. 9.
- Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,131,365; Sept. 27.
- Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,131,366; Sept. 27.
- Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distortion correction in wave transmission. 2,140,492; Dec. 20.
- Black, Harold S., Elmhurst, and E. K. Van Tassel, Great Kills, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,126,530; Aug. 9.
- Black, Horace D., Farnham Royal, and A. A. C. Degen, Harrow, assignors to Bell Punch Company Limited, London, England. Ticket issuing machine. 2,115,760; May 3.
- Black, James E., et al. (See Black, Elam L., assignor.)
- Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Trailer truck frame. 2,115,440; Apr. 26.
- Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Forming tubular structures from sheet metal. 2,115,441; Apr. 26.
- Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Prop for semitrailers. 2,118,004; May 17.
- Black, Jay T., assignor to Zenith Carburetor Company, Detroit, Mich. Pressure reducing device. 2,118,290; May 24.
- Black, John O., Detroit, assignor to The American Forging and Socket Company, Pontiac, Mich. Battery installation for motor vehicles. 2,106,883; Feb. 1.
- Black, Knox C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Repeated line system. 2,111,607; Mar. 22.
- Black, Leroy G., assignor to American Potash & Chemical Corporation, Trona, Calif. Fusing hydrated substance. 2,122,634; July 5.
- Black, Millard S., Huntington Park, Calif., assignor, by mesne assignments, to J. A. Kammerdiner, Los Angeles, Calif. Jar. 2,126,241; Aug. 9.
- Black, Norman F. (See Harris, J. M., Jr., and Black.)
- Black Rock Mfg. Company, The. (See Keller, Joseph R., assignor.)
- Black, Sivals & Bryson, Inc. (See Raymond, Gwynne, assignor.)
- Black, Sivals & Bryson, Inc. (See Raymond, G., and Young, assignors.)
- Black Systems. (See Black, Elam L.)
- Black Systems, Inc. (See Black, Edward R., assignor.)
- Black, Wayne C., Elyria, assignor to The Ridge Tool Company, North Ridgeville, Ohio. Valve washer. 2,121,315; June 21.
- Black, Wilbert C. (See Pedatella, Frank, assignor.)
- Black, William, Kings Park, N. Y. Price tag holder. 2,137,938; Nov. 22.
- Black, William A., Montclair, N. J., assignor to United Research Corporation, Long Island City, N. Y. Fly-wheel clutch mechanism. 2,106,338; Jan. 25.
- Black, William A., Montclair, N. J., assignor to Fairchild Aerial Camera Corporation, Woodside, Long Island, N. Y. Focal plane camera shutter. 2,133,011; Oct. 11.
- Black, William H., New York, N. Y. Safety razor. 2,117,136; May 10.
- Blackburn Aircraft Limited. (See Fenton, George B., assignor.)
- Blackburn Aircraft Limited. (See Petty, George E., assignor.)
- Blackburn, Charles L., London, England, assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Gauge glass indicator. 2,115,899; May 3.
- Blackburn, Daniel M., assignor to Hendrick Manufacturing Company, Carbondale, Pa. Fastening device for screen plates. 2,114,329; Apr. 19.
- Blackburn, George, and Sons Limited. (See Start, Harry W. and E., assignors.)
- Blackburn, George P., South Portland, Maine. Screw driver. 2,116,775; May 10.
- Blackburn, Jasper, Webster Groves, Mo. Frictional wire connector. 2,108,957; Feb. 22.
- Blacker, Latham V. S., Coates, near Fittleworth, England. Projectile. 2,112,758; Mar. 29.
- Blackhawk Mfg. Co. (See Mandl, Sigmund, assignor.)
- Blackhawk Mfg. Co. (See Prauser, Edward M., assignor.)
- Blackley, James L. (See Dean, E. W., and Blackley.)
- Blackley, James L., assignor to Duplex Printing Press Company, Battle Creek, Mich. Inking mechanism for printing rolls. 2,140,950; Dec. 20.
- Blackman, Philo M., Elgin, and H. R. Baldwin, Carpentersville, Ill., assignors to Elgin Manufacturing Company. Straight line capping machine. 2,136,037; Nov. 8.
- Blackman, Ralph B., Rutherford, N. J., and E. Lakatos, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical wave filter. 2,139,220; Dec. 6.
- Blackmore, William, Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box. 2,118,146; May 24.
- Blackshaw, Harold. (See Baldwin, A. W., Blackshaw, and Woolvin.)
- Blackshaw, Harold, R. W. Hardacre, and W. A. Sexton, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyeing. 2,115,136; Apr. 26.
- Blackshaw, Harold, and M. A. T. Rogers, Blackley, England, assignors to Imperial Chemical Industries Limited. Dyeing cellulose esters and ethers. 2,132,456; Oct. 11.
- Blackshaw, Jessie I., Watford, England. Safety harness for a child. 2,132,556; Oct. 11.
- Blackshaw, Joseph L., Brooklyn, assignor to W. L. Fleisher, New York, N. Y. Orienting strand material. 2,132,457; Oct. 11.
- Blackstone, Clarence W., Chicago, Ill., assignor to Standard-Knapp Corporation, Long Island City, N. Y. Label-feeding mechanism. 2,137,381; Nov. 22.
- Blackstone Manufacturing Company. (See Conterman, Fred A., assignor.)
- Blackwell, Elie O., Gainesville, Fla. Multiple cement block forming machine and making hollow building blocks. 2,133,737; Oct. 18.
- Blackwell, Herbert H., Roanoke, Va. Electric vacuum shaver. 2,129,559; Sept. 6.
- Blackwood, E. M., et al. (See Herndon, William T., assignor.)
- Blactz, Harry M., Haddonfield, N. J., assignor to The Curtis Publishing Company, Philadelphia, Pa. Apparatus for heat treating electrotype printing plates. 2,129,904; Sept. 13.
- Blaha, Stephen J. (See Bowersox, J. W., and Blaha.)
- Blahnik, Frank M. (See Colburn, B. E., and Blahnik.)
- Blair, Charles M. (See McNamee, R. W., and Blair.)



- Blair, Charles M., assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,110,837; Mar. 8.
- Blair, Charles M., Charleston, and T. F. Carruthers, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Plastic composition. 2,120,927; June 14.
- Blair, Edward L. (See Blucher, Amos A., assignor.)
- Blair, Gerhardt, Newfoundland, N. J., assignor of one-half to P. Heymann, New York, N. Y. Ironing device. 2,138,567; Nov. 29.
- Blair, James H., Staten Island, assignor to Chayes Dental Instrument Corporation, New York, N. Y. Dental instrument. 2,135,933; Nov. 8.
- Blair, Joseph N., assignor of one-half to J. W. Roxborough, Detroit, Mich. Propeller. 2,105,963; Jan. 18.
- Blair-McGuffie, James C., Westminster, England. Facing walls. 2,115,612; Apr. 26.
- Blair, Robert S. (See Hulse, George E., assignor.)
- Blair, Robert S., New York, N. Y. Window construction. 2,122,553; July 5.
- Blair, Robert S., New York, N. Y. Humidifying apparatus and method. 2,124,482; July 19.
- Blair, Rolandis A., Columbia City, Ind. Rail anchor. 2,126,983; Aug. 16.
- Blake, Anna B., executrix. (See Blake, James F., assignor.)
- Blake, Eli J., deceased, Haddonfield, N. J., and A. H. Adams, Yonkers, N. Y.; E. A. Blake, executrix, said Adams assignor to E. A. Blake, East Orange, N. J. Train dispatching system. 2,111,352; Mar. 15.
- Blake, Elsie A., executrix. (See Blake, E. J., and Adams.)
- Blake, Forest B., Mountain View, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call distributing telephone system. 2,121,419; June 21.
- Blake, James F., deceased, by A. B. Blake, Tulsa, Okla., executrix; A. B. Blake, assignee by decree of court. Thief tube. 2,137,128; Nov. 15.
- Blake Manufacturing Corporation. (See Officer, W. I., and Wood, assignors.)
- Blake, William B., Marion, Ind. Electric deep grease fryer and the like. 2,128,738; Aug. 30.
- Blake, William H., Brooklyn, N. Y. Mechanical pencil. 2,106,389; Jan. 25.
- Blakeley, Richard M., Hamilton, Ohio, assignor, by mesne assignments, to Monopower Corporation, Detroit, Mich. Transmission. Re. 20,757; June 14.
- Blakeney, Francis M. (See Ring, Ernest A., assignor.)
- Blakeslee, Henry J., Marlboro, Conn. Electrical connection block. 2,110,968; Mar. 15.
- Blakeslee, Henry J., Marlboro, Conn. Electrical terminal. 2,110,969; Mar. 15.
- Blakeslee, Henry J., Marlboro, assignor to The States Company, Hartford, Conn. Electrical connection block. 2,120,061; June 7.
- Blakesley, Frank S., Chicago, Ill. Sander, sand spray, or distributor. 2,113,503; Apr. 5.
- Blakeway, Arthur H., assignor to The Metal Box Company, Ltd., London, England. Sheet metal container. 2,107,232; Feb. 1.
- Blalock, Burman K. (See Huss, Joseph F., assignor.)
- Blalock, Eugene M., Oakland, Calif., assignor of forty per cent to R. Bates, seven and one-half per cent to C. C. Voglesong, seven and one-half per cent to W. Pentecost, and five per cent to H. B. Moore. Retort. 2,134,244; Oct. 25.
- Blanc, Jean J., Courbevoie, France. Device for securing together articles such as plates or the like. 2,136,875; Nov. 15.
- Blanc, Samuel O., Des Moines, Iowa. Drain cleaner. 2,111,527; Mar. 15.
- Blancha, Felix C., Manoa, Pa., assignor to Radio Corporation of America. Electron discharge apparatus. 2,109,834; Mar. 1.
- Blanchard, Almond G., Niles, Mich. Gravel washer. 2,119,414; May 31.
- Blanchard, Alva G. (See Mulloy, Ollie L., assignor.)
- Blanchard, Alva G. (See Whaley, William E., assignor.)
- Blanchard, Alva G., Shreveport, La. Illuminated boiler water level gauge. 2,109,348; Feb. 22.
- Blanchard, Alva G., Shreveport, La. Hydraulic weighing and testing machine. 2,125,483; Aug. 2.
- Blanchard, André, La Bastide, assignor to Société Anonyme Etablissements Betts et Blanchard, La Bastide, Bordeaux, France. Measuring valve for use with collapsible tubes. 2,110,103; Mar. 1.
- Blanchard, Benjamin B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stapling machine. 2,111,608; Mar. 22.
- Blanchard, Benjamin E., Linden, Ohio. Cuspider holder for motor vehicles. 2,118,337; May 21.
- Blanchard, Charles E., Randolph, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system utilizing refrigeration. 2,123,352; July 12.
- Blanchard, Floyd M., London, England. Connection for endless chain mechanism. 2,134,222; Oct. 25.
- Blanchard, George R., Chicago, Ill. Drive assembly. 2,132,928; Oct. 11.
- Blanchard, Loring W., Jr. (See Malm, C. J., and Blanchard.)
- Blanchard, Werner J., Kenmore, N. Y., assignor, by mesne assignments, to Curtiss Wright Corporation. Aircraft power plant control. 2,128,983; Sept. 6.
- Blanchet, Jean, Paris, France. Valve for internal combustion engines. 2,111,549; Mar. 22.
- Blank, Frederick C., Washington, D. C., T. L. Swenson, Chevy Chase, Md., H. H. Mottern, Pullman, Wash., and H. E. Goresline, Silver Spring, and E. K. Nelson, Sligo Park Hills, Md., dedicated to the free use of the People of the United States of America. Preservation of liquids. 2,104,710; Jan. 4.
- Blandford, Glen G., Grand Rapids, Mich. Washing machine. 2,107,139; Feb. 1.
- Blandi, Giacomo, Pittsburgh, Pa. Cooking utensil. 2,134,997; Nov. 1.
- Blank, Alton J. (See Blank, John A. and A. J.)
- Blank, Elmer H., Daytona, assignor of one-half to J. B. Hooker, Jacksonville, Fla. Roofing cornerpiece. 2,110,258; Mar. 8.
- Blank, John A., Ironton, Ohio, and A. J. Blank, Puebla, Mexico, assignors to Cement Process Corporation. Manufacture of cementitious materials. 2,125,281; Aug. 2.
- Blank, John E., assignor to Ryerson & Haynes, Inc., Jackson, Mich. Wheel assembly. 2,113,541; Apr. 5.
- Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reversing switch for dynamo-electric machines. 2,121,581; June 21.
- Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dynamo-electric machine. 2,125,062; July 26.
- Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for welding generators. 2,135,046; Nov. 1.
- Blankenbuehler, John H., Edgewood, and I. J. Rees, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for welding generators. 2,135,045; Nov. 1.
- Blanton, Carl L., Chester, Pa. Engine cooling system and structure. 2,124,523; July 26.
- Blaser, John. (See Blaser, Paul, assignor.)
- Blaser, Paul, assignor of fifty per cent to J. Blaser, Rosevear, Alberta, Canada. Aeroplane propeller drive mechanism. 2,135,381; Nov. 1.
- Blasier, George F., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Rotary furnace. 2,135,934; Nov. 8.
- Blasig, Kurt, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. vormalis Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Measuring and indicating apparatus. 2,107,976; Feb. 8.
- Blatchford, Carter, Chicago, Ill. Marking a highway. 2,126,165; Aug. 9.
- Blattner, Emil H., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,104,114; Jan. 4.
- Blattner, Emil H., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,127,951; Aug. 23.
- Blattner, Emil H., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,137,152; Nov. 15.
- Blatz, Warren D., assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Bead chain length adjuster. 2,117,137; May 10.
- Blau, Henry H., Charleroi, Pa., assignor, by mesne assignments, to Corning Glass Works, Corning, N. Y. Diffusing glasses. 2,132,390; Oct. 11.
- Blau, Henry H., and K. K. Knaell, Charleroi, Pa., assignors, by mesne assignments, to Corning Glass Works, Corning, N. Y. Method and apparatus for treating glass. 2,119,947; June 7.
- Blau, Henry H., and K. K. Knaell, Charleroi, Pa., assignors, by mesne assignments, to Corning Glass Works, Corning, N. Y. Tank structure and method for making glass or the like. 2,119,948; June 7.
- Blau, Henry H., Corning, N. Y., and K. K. Knaell, Charleroi, Pa., assignors, by mesne assignments, to Corning Glass Works, Corning, N. Y. Treating glass. 2,119,949; June 7.
- Blau, Ludwig W. (See Statham, L., and Blau.)
- Blau, Ludwig W., and R. W. Gummer, Houston, Tex. assignors to Standard Oil Development Company. Reflection amplifier. 2,133,118; Oct. 18.
- Blaut, Samuel J., Mount Vernon, and H. M. Lang, New York, N. Y. Electrochemical treatment of metal. 2,145,005; Apr. 26.
- Blaw-Knox Company. (See Chandler, Willard P., Jr., assignor.)
- Blaw-Knox Company. (See Harrington, Edward L., assignor.)
- Blaw-Knox Company. (See Nachtmann, John S., assignor.)
- Blaw-Knox Company. (See Staebitz, Edward J., assignor.)
- Blaw-Knox Company. (See Stupp, John G., assignor.)
- Blaw-Knox Corporation. (See Venable, William H., assignor.)
- Blaylock, Raymond C., Kenmore, and C. G. Trimbach, Eggertsville, N. Y., assignors, by mesne assignments, to Curtiss Wright Corporation. Automatic gun charger. 2,116,860; May 10.
- Blaylock, Raymond C., F. P. Bassett, and F. R. Child, Kenmore, N. Y., and R. R. Osborn, New Orleans, La., assignors, by mesne assignments, to Curtiss Wright Corporation. Wing flap. 2,137,382; Nov. 22.



- Blazek, John Y., and R. G. Anderson, Maple Heights, assignors to Lemco Products, Inc., Bedford, Ohio. Grinding machine. 2,120,193; June 7.
- Beakley, Purling A., Hollywood, Calif., assignor, by mesne assignments, to The Gillord Corporation. Method and apparatus for applying metal coatings. 2,110,755; Mar. 8.
- Bleam, Edgar W., assignor to Stokes and Smith Company, Philadelphia, Pa. Automatic weighing apparatus. 2,111,921; Mar. 22.
- Bleasdale, Albert. (See Connor, K. W., and Bleasdale.)
- Bleasdale, Albert, Detroit, Mich., assignor to Micromatic Hone Corporation. Machine for grinding cylindrical and external surfaces. 2,116,922; May 10.
- Blechman, Irving, Bronx, N. Y. Storage receptacle with sliding closure. 2,109,612; Mar. 1.
- Blechman, Irving, Bronx, N. Y. Sliding door wardrobe. 2,131,367; Sept. 27.
- Bledsoe, J. O., et al. (See Guthrie, Andrew J., assignor.)
- Bledsoe, Oscar F., Greenwood, Miss. Storing cotton and the like. 2,121,495; June 21.
- Bledsoe, Oscar F., Greenwood, Miss. Storage plant and storing cotton and the like. 2,139,182; Dec. 6.
- Blee, John F., Los Angeles, Calif. Cementing plug. 2,109,058; Feb. 22.
- Blee, Willis B., Rockville Centre, and B. W. Kelly, New York, N. Y. Optometric apparatus. 2,104,552; Jan. 4.
- Bleibtreu, Herman, Darmstadt, Germany, assignor to Freyn Engineering Company, Chicago, Ill. Separable connector means. 2,137,011; Nov. 15.
- Bleier, Arthur, New York, N. Y. Adjustable means for attaching quilts, blankets, etc., to cribs. 2,129,487; Sept. 6.
- Blail, Clarence J., Medford, Oreg. Continuous self-cleaning filter. 2,139,401; Dec. 6.
- Bleistein, Walter S., et al. (See Somner, Robert, assignor.)
- Blengsli, Helmer L., New York, N. Y. Refining tall oil. 2,111,259; Mar. 15.
- Blessin, Siegfried E., Summit, assignor to The National Lock Washer Company, Newark, N. J. Car window structure. 2,105,180; Jan. 11.
- Blessing, William H. (See Oberender, J. L., and Blessing.)
- Blest, Minot C., and F. Koch, Bellevue, assignors to Pressed Steel Car Company, McKees Rocks, Pa. Car construction. 2,120,542; June 14.
- Bletso, Bruce N., Cleveland Heights, Ohio, and M. H. Stratton, Ridgewood, N. J., assignors to The American Steel and Wire Company of New Jersey. Box band stretching and sealing tool. 2,113,757; Apr. 12.
- Blettner, George H., assignor to Renette Company, Chicago, Ill. Internal combustion engine construction. 2,104,892; Jan. 11.
- Blettner, George H., assignor to Renette Company, Chicago, Ill. Piston. 2,104,893; Jan. 11.
- Bletz, Edward. (See Lockwood, E. H., and Bletz.)
- Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,121,582; June 21.
- Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostatic control system. 2,137,073; Nov. 15.
- Bluel, William H., Pittsburgh, Pa. Apparatus for waving hair. 2,125,421; Aug. 2.
- Bluel, William H., Dormont, Pa., and S. Steek, Warren, Ohio. Hair clamp. 2,108,249; Feb. 15.
- Bluel, William H., Dormont, Pa., and S. Steek, Warren, Ohio; said Steek assignor to said Bluel. Process and apparatus for waving human hair. 2,125,622; Aug. 2.
- Blevins, Herman G., Sewickley, assignor to The National Supply Company, Pittsburgh, Pa. Joint. 2,120,062; June 7.
- Blewett, John, assignor to The Murray Company, Dallas, Tex. Closure for cotton gin roll boxes. 2,116,823; May 10.
- Blewett, John, assignor to The Murray Company, Dallas, Tex. Baling press dog. 2,139,928; Dec. 13.
- Bley, Fred, and M. Hoerer, Chicago, Ill. Diamond bit. 2,136,359; Nov. 15.
- Bley, Rudolph S. (See Baumert, K., and Bley.)
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Spinning solution. 2,132,929; Oct. 11.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Viscose spinning solution. 2,132,930; Oct. 11.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Stabilizing cellulose derivatives. 2,139,664; Dec. 13.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Stabilizing carbohydrate derivatives. 2,140,346; Dec. 13.
- Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Stabilizing cellulose triacetate. 2,140,347; Dec. 13.
- Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Stabilizing cellulose acetobutyrate. 2,139,661; Dec. 13.
- Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Stabilizing cellulose derivatives. 2,139,662; Dec. 13.
- Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Stabilizing cellulose derivatives. 2,139,663; Dec. 13.
- Blicke, Frederick F., assignor to Regents of the University of Michigan, Ann Arbor, Mich. Substituted alkylphenols and producing the same. Re. 20,683; Mar. 29.
- Blier, Maurice E., Chicago, Ill. Package opener. 2,110,194; Mar. 8.
- Bliesath, Ernest, Kerry, Oreg. Garter construction. 2,117,286; May 17.
- Bliesath, Ernest K., Kerry, Oreg. Hose supporter. 2,126,166; Aug. 9.
- Bliss, E. W., Company. (See Cannon, Earl, assignor.)
- Bliss, E. W., Company. (See Krueger, Frank, assignor.)
- Bliss, E. W., Company. (See Patrick, Isaac, assignor.)
- Bliss, Harvey N., Windsor, and E. Wild, assignors to Veeder-Root Incorporated, Hartford, Conn. Ratchet clutch mechanism. 2,133,777; Oct. 18.
- Bliss, Sherwood C., assignor to Houde Engineering Corporation, Buffalo, N. Y. Seal for pump structures. 2,106,884; Feb. 1.
- Blitz, Otto, Oakland, Calif. Tabulating board. 2,131,266; Sept. 27.
- Blizard, Charles E., assignor to Winchester Repeating Arms Company, New Haven, Conn. Tubular magazine repeating firearm. 2,129,729; Sept. 13.
- Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Peep sight for furnaces. 2,112,063; Mar. 22.
- Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,123,860; July 12.
- Bloch, Arthur, New York, N. Y. Wheel device. 2,123,707; July 12.
- Bloch, Franz G., Leitmeritz, Czechoslovakia. Thermometer. 2,112,555; Mar. 29.
- Bloch, Franz G., Leitmeritz, Czechoslovakia. Electric circuit arrangement for contact-pointer thermostats and like instruments. 2,133,888; Oct. 18.
- Bloch, Franz G., Leitmeritz, Czechoslovakia, assignor to Rota S. A., La Chaux-de-Fonds, Switzerland. Measuring device. 2,117,287; May 17.
- Bloch, Julius. (See Heimsch, K. D., and Brassart, assignors.)
- Bloch, Leon, Cleveland, assignor to A. L. Voight, Lakewood, Ohio. Cooler. 2,128,344; Aug. 30.
- Block, Alexander E., University City, Mo. Arch supporting apparatus. 2,123,176; July 12.
- Block, David J., Winnetka, assignor to Abraham Appel, Chicago, Ill. Patching material. 2,116,008; May 3.
- Block, Harold C. (See Layne, L. A., Roco, and Block.)
- Block, Louis, assignor to Blockson Chemical Co., Joliet, Ill. Purifying lime. 2,127,626; Aug. 23.
- Block, Louis, and M. Metzger, assignors to Blockson Chemical Co., Joliet, Ill. Manufacture of noncaking powder composition. 2,130,869; Sept. 20.
- Blocker, Robert H., San Francisco, Calif. Hydraulic brake. 2,115,189; Apr. 26.
- Blocker, Robert H., San Francisco, Calif. Steam engine. 2,140,571; Dec. 20.
- Blockson Chemical Co. (See Block, Louis, assignor.)
- Blockson Chemical Co. (See Block, L., and Metzger, assignors.)
- Blodgett, Edward D., Haddonfield, N. J., assignor to Radio Corporation of America. Radio direction finder. 2,110,852; Mar. 15.
- Blodgett, Edwin O., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,113,368; Apr. 5.
- Blodgett, Edwin O., assignor to General Railway Signal Company, Rochester, N. Y. Relay. 2,135,490; Nov. 8.
- Blodgett, Frederick H., Bellows Falls, Vt. Pruning shears. 2,125,217; July 26.
- Blodgett, Katharine B., Schenectady, N. Y., assignor to General Electric Company. Surface treatment of materials. 2,108,641; Feb. 15.
- Blodgett, Leonard R. (See Blodgett, William S. and L. R.)
- Blodgett, William S. and L. R., Portland, Oreg. Folding barb fish gaff. 2,118,147; May 24.
- Blodjer, Olav, Stockton, Calif. Extension visor for ski caps. 2,138,086; Nov. 29.
- Blomberg, Knut H. (See Alexandersson, H. V., and Blomberg.)
- Blomberg, Knut H., Appelviken, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Selector. 2,127,322; Aug. 16.
- Blomberg, Martin P. (See Mussey, W. H., and Blomberg.)
- Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Brake slack adjuster. 2,104,787; Jan. 11.
- Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Railway vehicle truck and body interlock. 2,128,281; Aug. 30.
- Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Railway brake rigging. 2,133,531; Oct. 18.
- Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Railway car truck. 2,137,074; Nov. 15.
- Blondeau, Ernest E., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Resistivity meter. 2,141,590; Dec. 27.



- Blondin, Michel C., Meudon, France. Automatic apparatus for direct observation of picture strips and the like. 2,136,486; Nov. 15.
- Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Size controlling mechanism for boring machines and the like. Re. 20,634; Jan. 25.
- Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Hone. 2,110,756; Mar. 8.
- Blood, Harold L., Birmingham, Mich., assignor to The Heald Machine Company, Worcester, Mass. Size determining mechanism for automatic machines. 2,116,232; May 3.
- Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,127,856; Aug. 23.
- Blood, Henry F. (See Holmes, H. B., Blood, and Bell.)
- Blood, Jabez. (See Hashek, John A., assignor.)
- Blood, Louis H., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Machine tool transmission and control mechanism. 2,119,902; June 7.
- Blood, Richard E., Amsterdam, N. Y. Raglan sleeve garment. 2,104,288; Jan. 4.
- Bloom, Abraham, assignor to Newark Refrigeration and Appliance Co., Plainfield, N. J. Frost control. 2,104,219; Jan. 4.
- Bloom, Charles F., Vancouver, Wash. Rod weeder. 2,135,382; Nov. 1.
- Bloom, Fred H., Fort Belvoir, Va. Making lithographic reproductions. 2,122,404; July 5.
- Bloom, Fred S., Pittsburgh, Pa. Apparatus for producing progressively delayed combustion. 2,117,270; May 17.
- Bloom, Herman A. (See Wetzel, Guy N., assignor.)
- Bloom, Israel, New York, N. Y. Compact. 2,118,066; May 24.
- Bloom, Joseph, New York, N. Y. Glove and making same from strip material. 2,104,724; Jan. 11.
- Bloom, Leon M., Paterson, N. J. Garment. 2,115,703; May 3.
- Bloom, Oscar T., assignor to Industrial Patents Corporation, Chicago, Ill. Consistency tester. 2,119,699; June 7.
- Bloom, Otto I. (See Ish-Shalom, Samu-El, and Bloom.)
- Bloomenthal, Sidney, Merchantville, N. J., assignor to Radio Corporation of America. Resistance compound. 2,111,742; Mar. 22.
- Bloomer Bros. Company. (See Bloomer, Harrison C., assignor.)
- Bloomer Bros. Company. (See Inman, William H., assignor.)
- Bloomer, Harrison C., assignor to Bloomer Bros. Company, Newark, N. Y. Carton construction. 2,133,946; Oct. 25.
- Bloomfield, Arthur E., and W. E. Smith, West Webster, N. Y. Bookbinder. 2,137,212; Nov. 15.
- Bloomfield, Samuel, Chicago, Ill. Butter cutter. 2,114,277; Apr. 19.
- Bloomfield, Samuel, Chicago, Ill. Potato slicer. 2,131,092; Sept. 27.
- Bloomfield, Samuel, Chicago, Ill. Dispenser. 2,141,160; Dec. 27.
- Blosser, John E., Glens Falls, and P. Burke, South Glens Falls, assignors to Veldown Company, Inc., New York, N. Y. Sanitary napkin machine. 2,119,982; June 7.
- Blosser, John E., Glens Falls, and P. Burke, South Glens Falls, assignors to Veldown Company, Inc., New York, N. Y. Stacking mechanism. 2,139,796; Dec. 13.
- Blossfeld, Emil, Oakland, Calif. Belt. 2,129,400; Sept. 6.
- Blough Manufacturing Co. (See Wagner, Charles S., assignor.)
- Blount, Arthur L., Palos Verdes Estates, and H. G. Reiber, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Motor fuel. 2,129,193; Sept. 6.
- Blount, Arthur L., Palos Verdes Estates, and H. G. Reiber, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Motor fuel. 2,129,194; Sept. 6.
- Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Insecticide. 2,132,013; Oct. 4.
- Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Recovery of naphthenic acids. 2,136,608; Nov. 15.
- Blount, Frank E., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Converting system. 2,120,972; June 21.
- Blount, Frank E., Cedar Grove, N. J., and P. Husta, Great Neck, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical testing system. 2,141,373; Dec. 27.
- Blount, Nelson, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,123,177; July 12.
- Blow, Capitola E., Hartford, Conn. Life preserver holder. 2,111,309; Mar. 15.
- Blow, George, New York, N. Y. Sealing the walls of wells while drilling same. 2,139,329; Dec. 13.
- Blower, James G., Akron, Ohio. Burial vault. 2,141,275; Mar. 15.
- Blucher, Amos A., Owings Mills, assignor of one-half to E. L. Blair, Westminster, Md. Brake adjuster. 2,117,288; May 17.
- Bludalk, Inc. (See Heinzelmann, Alphonse A., assignor.)
- Bludworth, Joseph E., Arlington, Tex., assignor to Celanese Corporation of America. Preparation of oxygenated compounds. 2,128,908; Sept. 6.
- Bludworth, Joseph E., Arlington, Tex., assignor to Celanese Corporation of America. Preparation of oxygenated compounds. 2,128,909; Sept. 6.
- Bludworth, Joseph E., Arlington, Tex., assignor to Celanese Corporation of America. Combustion power liquid. 2,128,910; Sept. 6.
- Blue Ridge Glass Corporation. (See Ingouf, Robert J. A., assignor.)
- Blue Ridge Slate Corporation. (See Hillers, C. E., and Small, assignors.)
- Blue, Robert D. (See Chamberlain, L. C., Jr., Williams, and Blue.)
- Blue, Roy E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Door retainer. 2,115,900; May 3.
- Bluehorn, Hartford, Conn., and F. K. Howard, East Falls Church, Va. Latch. 2,108,040; Feb. 15.
- Bluem, Frederick and K., Chicago, Ill. Limestone slab and coloring same. 2,129,460; Sept. 6.
- Bluem, Kurt. (See Bluem, Frederick and K.)
- Bluemel Bros. Limited. (See Douglas, John G., assignor.)
- Bluhm, Charles E., Rochester, N. Y. Lettering pen. 2,134,296; Oct. 25.
- Blum, Abraham. (See Greenfield, M., and Blum.)
- Blum, George J., Chicago, Ill. Elevating device for automotive vehicles. 2,124,726; July 26.
- Blum, George J., assignor to Armstrong-Blum Mfg. Co., Chicago, Ill. Saw blade supporting and clamping device. 2,139,147; Dec. 6.
- Blum, Harry, assignor of one-fourth to H. J. Jacobi and one-fourth to W. J. Jacobi, Washington, D. C., and one-half to Harry Blum's Natural Bloom, Inc., New York, N. Y. Wrapper for perishable goods. 2,132,144; Oct. 4.
- Blum, Hosmer L., Fort Wayne, Ind. Compound action meter. 2,133,270; Oct. 18.
- Blum, Jerome J., assignor to Arveyware Corporation, Olean, N. Y. Method of and apparatus for felting fibrous articles. 2,124,103; July 19.
- Blumberg, David A., Baltimore, Md. Trousers waist band construction. 2,130,942; Sept. 20.
- Blume, Louis F. (See Minnecl, S., and Blume, assignors.)
- Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Method and apparatus for transformer tap changing under load. 2,112,064; Mar. 22.
- Blume, M. Erich. (See Höper, Karl, assignor.)
- Blume, Walter, Brandenburg (Havel), assignor of one-half to the firm Arado Flugzeugwerke G. m. b. H., Brandenburg, Germany. Tail skid for airplanes. 2,117,786; May 17.
- Blume, Walter, assignor of one-half to Arado Flugzeugwerke Gesellschaft mit beschränkter Haftung, Brandenburg (Havel), Germany. Auxiliary wing for aircraft. 2,138,952; Dec. 6.
- Blume, William A., Detroit, Mich., assignor to The American Brake Shoe and Foundry Company. Making friction elements. Re. 20,907; Nov. 1.
- Blume, William A., Detroit, Mich., assignor to The American Brake Shoe and Foundry Company. Friction element. Re. 20,908; Nov. 1.
- Blume, William A., Detroit, Mich., assignor to The American Brake Shoe and Foundry Company. Friction element. 2,131,932; Oct. 4.
- Blumenthal, Samuel, assignor of one-half to Universal Trunk Company, Chicago, Ill. Wardrobe case. 2,131,267; Sept. 27.
- Blumer, Manuel. (See Kessler, G. A., and Blumer.)
- Blumer, Manuel, and L. Salzmann, Butler, Pa., assignors to L. Sonneborn Sons, Inc. Refining white oils. 2,118,805; May 31.
- Blumlein, Alan D. (See Bowman-Manifold, M., and Blumlein.)
- Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Middlesex, England. High frequency electric transmission line. 2,115,059; Apr. 26.
- Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, England. Directional wireless aerial system. 2,115,741; May 3.
- Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, England. Television and the like systems. 2,134,851; Nov. 1.
- Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electrical network. 2,138,996; Dec. 6.
- Blumlein, Alan D., and E. C. Cork, Ealing, London, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Middlesex, England. Aerial system. 2,111,743; Mar. 22.
- Blümmer, Erwin, London, England. Production of coal liquid fuel. 2,131,308; Sept. 27.
- Blum's, Harry, Natural Bloom, Inc., et al. (See Blum, Harry, assignor.)
- Blunt, Edmund H., Brooklyn, N. Y. Construction of locomotive boilers, etc. 2,115,407; Apr. 26.
- Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Load transmitting device for railway vehicles. 2,133,800; Oct. 18.
- Bly, Merwyn, Leesburg, Va. Electrical testing and de-



- Blydenburgh, Harold L., Highland Park, assignor to The Moto-Mower Co., Detroit, Mich. Lawn mower hitch. 2,130,116 Sept. 13.
- Blyly, Russell O., Cassopolis, Mich. Soil erosion control device. 2,129,560; Sept. 6.
- Blystone, Henry L. (See Cramer, O. B., and Blystone.)
- Blythen, Frank, Hayes, and J. Hardwick, West Drayton, assignors to Electric and Musical Industries Limited, Hayes, England. Receiving device. 2,133,075; Oct. 11.
- Boa, George C. (See Weber, W. F., Boa, and Pankonin.)
- Boag, Charles W., assignor to The Heil Co., Milwaukee, Wis. Separating system. 2,140,827; Dec. 20.
- Boak, Thomas I. S., Hamden, assignor to Winchester Repeating Arms Company, New Haven, Conn. Composite firearm barrel. 2,137,259; Nov. 22.
- Boam, Lacey H., assignor of one-sixth to W. R. Cash, Akron, Ohio. Puzzle. 2,124,341; July 19.
- Board, William S., Middleport, Ohio. Pipe coupling. 2,127,284; Aug. 16.
- Boardman, Edward M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic device. 2,108,642; Feb. 15.
- Boardman, Harry C., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Container. 2,119,518; June 7.
- Boardman, Whitlock, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Upholstering furniture. 2,138,440; Nov. 29.
- Boatner, Howell, Springfield, Mo. Dental articulator. 2,107,283; Feb. 8.
- Boax, John J., McKeesport, Pa., assignor to National Tube Company. Continuous heating furnace. 2,139,067; Dec. 6.
- Boaz, Arthur R., Acton, London, England, assignor to R. Hoe & Co., Inc., New York, N. Y. Apparatus for observing reciprocating objects. 2,128,396; Aug. 30.
- Bobek, Karl, Falkensee, Germany, assignor to General Electric Company. Dynamo-electric machine. 2,121,623; June 21.
- Bobis, Stephen, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,127,201; Aug. 16.
- Bobrov, Samuel H., Gary, Ind., assignor to American Sheet and Tin Plate Company. Treating metal. 2,132,557; Oct. 11.
- Bobrow, June E., New York, N. Y. Separable fastener. 2,137,012; Nov. 15.
- Bobrzyk, Wilhelm, Forst, Germany. Bearing system. 2,141,505; Dec. 27.
- Bobst, Henri, Lausanne, Switzerland. Shaping and printing cardboard blanks for the manufacture of boxes and machine for the working of said process. 2,133,801; Oct. 18.
- Bocca, Carlo, Vigevano, Italy. Superposing partial images of polychromatic selection and projecting them to obtain an image in natural colors. Re. 20,748; June 7.
- Bocca, Carlo, Vigevano, and L. Amati, Padova, Italy. Color filter. 2,129,195; Sept. 6.
- Bochicchio, Paul B., Forest Hills, N. Y. Baseball card game and score device. 2,113,369; Apr. 5.
- Bochmann, Otto, Remscheid-Lennep, Germany. Double twist twisting spindle. 2,110,320; Mar. 8.
- Bochmann, Otto, Remscheid-Lennep, Germany, assignor to North American Rayon Corporation. Device for spinning and further treatment of artificial silk. 2,113,781; Apr. 12.
- Bocjl Corporation. (See Rohmer, Frank D., assignor.)
- Bocjl Corporation, trustee. (See Jenkins, Clarence E., assignor.)
- Bock, Charles D., New York, N. Y., assignor of one-half to W. Shakespeare, Jr., Kalamazoo, Mich. Voltage regulator. 2,117,138; May 10.
- Bock, Clarence H., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Service apparatus. 2,107,850; Feb. 8.
- Bock, Clarence H., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,112,356; Mar. 29.
- Bock, Clarence H., Detroit, Mich., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,115,984; May 3.
- Bock, Clarence H., assignor to Hydraulic Brake Company, Detroit, Mich. Brake for motor vehicles. 2,126,984; Aug. 16.
- Bock, John, Salem, Mo. Vehicle operated gate and latch. 2,118,722; May 24.
- Bock Oil Burner Corporation. (See Bock, Oscar L., assignor.)
- Bock, Oscar L., Madison, Wis. Burner regulating mechanism. 2,117,787; May 17.
- Bock, Oscar L., assignor to Bock Oil Burner Corporation, Madison, Wis. Burner safety control. 2,111,744; Mar. 22.
- Bocker, Henry J., Bronx, N. Y. Folding newspaper and sales bench. 2,119,569; June 7.
- Bockisch, Walter A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coin controlled apparatus. 2,121,946; June 28.
- Bockius, Chris, Stamford, Conn., C. S. Batchelor, Hasbrouck Heights, and J. A. Cook, Haledon, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Metallic inlaid friction surface. 2,122,405; July 5.
- Bockius, Chris, Stamford, Conn., and J. A. Cook, Haledon, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Friction elements. 2,130,520; Sept. 20.
- Bockius, Chris, Stamford, Conn.; C. S. Batchelor, Hasbrouck Heights, and J. A. Cook, Haledon, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Making metallic inlaid friction surfaces. 2,136,370; Nov. 15.
- Bockmühl, Max, G. Ehrhart, and H. Ruschig, Frankfurt-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sterine derivatives and preparing them. 2,108,646; Feb. 15.
- Bockmühl, Max, and G. Ehrhart, Frankfurt-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Liquid anthelmintics. 2,111,504; Mar. 15.
- Bockmühl, Max, E. Dörzbach, and W. Persch, Frankfurt-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Stable colloidal dispersion of metals. 2,124,331; July 19.
- Bockmühl, Max, W. Ludwig, and P. von Mutzenbecher, Frankfurt-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing compounds of azoproteins with heavy metals. 2,128,201; Aug. 23.
- Bockmühl, Max, W. Ludwig, and P. von Mutzenbecher, Frankfurt-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing compounds of azoproteins with antimony. 2,128,202; Aug. 23.
- Bockmühl, Max, and L. Stein, Frankfurt-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Free methane-sulphonic acids of pyrazoloneamines and preparing them. 2,128,512; Aug. 30.
- Bocz, Alexander J., Detroit, Mich. Internal combustion engine. Re. 20,670; Mar. 15.
- Bodde, Bernard M., Hollywood, Calif. Translucent projection screen. 2,133,076; Oct. 11.
- Boddy, Leonard, Ann Arbor, Mich., assignor to The Anderson Company, Gary, Ind. Electrical indicating system and apparatus. 2,107,560; Feb. 8.
- Boddy, Leonard, Ann Arbor, Mich., assignor to The Anderson Company, Gary, Ind. Electrical indicator. 2,133,077; Oct. 11.
- Boddy, Leonard, Ann Arbor, Mich., assignor to The Anderson Company, Gary, Ind. Electrical indicating system and apparatus. 2,139,440; Dec. 6.
- Bode, Albert H. (See Nehus, Francis B., assignor.)
- Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 2,123,178; July 12.
- Bodee, George P., Chicago, Ill. Spectacles. 2,110,459; Mar. 8.
- Bodell, Henry R. (See Snowden, A. B., and Bodell.)
- Bodell, Henry R., Ossining, N. Y., assignor to Celanese Corporation of America. Colored artificial yarn and like materials and making same. 2,105,519; Jan. 18.
- Bodemann, Emil. (See Unterbusch, F., and Bodemann.)
- Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Cushioned roller bearing. 2,141,122; Dec. 20.
- Boden, George, Waterbury, Conn., assignor to Buxton, Incorporated, Springfield, Mass. Key case. 2,114,172; Apr. 12.
- Boden, George, Waterbury, and J. L. Flannery, Canton, Conn. Liquid dispensing means. 2,125,537; Aug. 2.
- Boden, Samuel H. See MacDonald, H. G., and Boden.)
- Bodenhamer, George E., Klamath Falls, Oreg. Shaping tool for saw teeth. 2,137,225; Nov. 22.
- Bodge, Edward E., Honolulu, Hawaii, assignor to von Hamm Young Company Limited. Pipe insulation-mold. 2,119,415; May 31.
- Bodge, Horace A., White Plains, N. Y. Ball driving device. 2,106,625; Jan. 25.
- Bodie, William P., Newberry, S. C. Let-off mechanism for looms. 2,135,098; Nov. 1.
- Bodine Corporation, The. (See Noel, Alfred J., assignor.)
- Bodkin, Irving S., New York, assignor to Conrad Razor Blade Co., Inc., Long Island City, N. Y. Machine for applying legends to razor blades. 2,121,947; June 28.
- Bodle, David W., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Gas-filled tube. 2,112,327; Mar. 29.
- Bodle, David W., Pequannock, N. J., assignor to American Telephone and Telegraph Company. Gas-filled tube. 2,112,328; Mar. 29.
- Bodle, John P., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Waterproof seam and making same. 2,120,458; June 14.
- Bodle, Virgil H., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Glove and making the same. 2,126,723; Aug. 16.
- Bodor, Louis, New York, N. Y. Combined flashlight and key ring. 2,114,266; Apr. 12.
- Boeck, Charlie A., et al. (See Bangle, John W., assignor.)
- Boeck, Pearl L., et al. (See Bangle, John W., assignor.)
- Boeckeler, Benjamin C., assignor to The Lummus Company, New York, N. Y. Distilling liquors. 2,118,834; May 31.
- Boecking, Ewald, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Drive mechanism for motion picture projecting machines. 2,131,469; Sept. 27.
- Boecler, Albert, Berlin, Germany. Dipping machine for producing seamless articles from substances in solution. 2,133,947; Oct. 25.



- Boedeker, Anthony, Cincinnati, Ohio. Link-mat anchor. 2,126,307; Aug. 9.
- Boegehold, Alfred L., Detroit, and A. W. Schluehter, Dearborn, assignors to General Motors Corporation, Detroit, Mich. Bearing and method. 2,106,590; Jan. 25.
- Boegehold, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Thin-walled steel casting and making same. 2,133,532; Oct. 18.
- Boeger, Henry F. (See Dreyer, Charles B., assignor.)
- Boeger, Henry F., Beverly Hills, assignor to Surgident, Ltd., Los Angeles, Calif. Package of material. 2,135,790; Nov. 8.
- Boehle, Friedel, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Piston valve with mid-position bypass. 2,109,162; Feb. 22.
- Boehm, August. (See Leipold, A., and Boehm.)
- Boehm, Frederick, assignor to Schutte and Koerting Company, Philadelphia, Pa. Jet cleaning device. 2,117,647; May 17.
- Boehm, Frederick E., Toledo, Ohio. Coloring of butter substitute. 2,107,851; Feb. 8.
- Boehme Fettchemie-Gesellschaft m. b. H. (See Kling, W., and Götte, assignors.)
- Boehmer, John M., Tacoma, Wash. Food dispenser. 2,114,699; Apr. 19.
- Boehmer, Spencer U., Glen Ellyn, Ill. Bag forming process. 2,135,132; Nov. 1.
- Boehne, Eugene W., Yeadon, Pa., assignor to General Electric Company. Protective control device and system. 2,130,870; Sept. 20.
- Boehne, Eugene W., Yeadon, Pa., assignor to General Electric Company. High speed tripping system. 2,130,871; Sept. 20.
- Boehne, Eugene W., Yeadon, Pa., assignor to General Electric Company. Magnetic control device. 2,130,872; Sept. 20.
- Boehner, Ludwig G., Rehbrücke, near Potsdam, Germany, assignor to General Motors Corporation, Detroit, Mich. Metal underbody construction. 2,126,607; Aug. 9.
- Boeing Aircraft Company. (See Alnutt, Marvin, assignor.)
- Boeing Aircraft Company. (See Castle, W. L., and Hedberg, assignors.)
- Boeing Aircraft Company. (See Duff, E. E., and Wood, assignors.)
- Boeing Aircraft Company. (See Haberlin, John F., assignor.)
- Boeing Aircraft Company. (See Hughes, E. A., and Minshall, assignors.)
- Boeing Aircraft Company. (See Sanders, John C., assignor.)
- Boeing Aircraft Company. (See Tower, Leslie R., assignor.)
- Boekels, Hans, Berlin-Wannsee, Germany, assignor to General Electric Company. Electrodynamical measuring instrument. 2,125,151; July 26.
- Boenau, Arthur H. (See Shipp, V. L., and Boenau.)
- Boenau, Arthur H. (See Shipp, V. L., Boenau, and Ramsay.)
- Boerger, Earl A., Miami, Fla. Marble shooter. 2,129,461; Sept. 6.
- Boersma, Reemer A., assignor to Duffy Manufacturing Company, Holland, Mich. Accelerator pedal. 2,127,200; Aug. 16.
- Boerstler, Edward W., Watertown, Mass. Method of and apparatus for producing therapeutic rays. 2,114,173; Apr. 12.
- Boerstler, Edward W., Watertown, Mass. Fluorescence detecting apparatus. 2,139,797; Dec. 13.
- Boes, George F., West Lafayette, Ind. Prefabricated unit wall structure. 2,131,268; Sept. 27.
- Boesch, Arthur H. (See Pash, Robert, assignor.)
- Boese, Albert B. (See Major, R. T., and Boese.)
- Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Production of resins. 2,105,461; Jan. 18.
- Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of alpha, beta unsaturated ketones. 2,108,427; Feb. 15.
- Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. 4 methyl ureal and homologues thereof. 2,138,756; Nov. 29.
- Boestad, Gustav K. W. (See Lysholm, A., and Boestad.)
- Boetel, Harold J., Chicago, Ill. Collapsible tube or container. 2,128,035; Aug. 23.
- Boettcher, Magnus, Milwaukee, Wis. Air inlet device for internal combustion engines. 2,124,228; July 19.
- Boettger, August C., Christadt, N. J. Traffic signal system. 2,134,023; Oct. 25.
- Boeve, Arle, Hull, Iowa. Front-view mirror device. 2,137,440; Nov. 22.
- Boeye, Paul F., assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 2,112,433; Mar. 29.
- Boeye, Paul F., assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 2,116,336; May 3.
- Bognarts, John J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch cabinet. 2,137,872; Nov. 22.
- Bogan, William R., Detroit, Mich. Dispensing apparatus. 2,134,852; Nov. 1.
- Bogard, Clyde M., Avoca, Nebr. Automatic lock for automobile engine hoods. 2,114,208; Apr. 12.
- Bogardus, Leonard R., Grosse Pointe Farms, assignor to Packard Motor Car Company, Detroit, Mich. Combined trolley and extension lamp. 2,120,775; June 14.
- Bogart, Fred H., South Euclid, assignor to The Warner & Swasey Company, Cleveland, Ohio. Operating mechanism for machine tools. 2,134,024; Oct. 25.
- Bogart, Henry W., Lakewood, Ohio. Stabilizer for automobile steering gears. 2,139,666; Dec. 13.
- Bogatz, Hermann S., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Apparatus for blending and conditioning tobacco. 2,109,409; Feb. 22.
- Boggild & Jacobsen. (See Jensen, Jens L., assignor.)
- Boggs, Robert L., Norfolk, Va. Clamping band. 2,118,723; May 24.
- Boggs, Walter W. (See Collins, W. B., and Boggs.)
- Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nonlifting lacquer. 2,125,484; Aug. 2.
- Boguhn, Paul, Berlin-Spandau, Germany, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Blind-stitching attachment for sewing machines. 2,136,164; Nov. 8.
- Bogut, Stanley, Chicago, Ill. Automatic air brake release valve. 2,123,164; July 12.
- Boh, George W., Chattanooga, Tenn. Packing case. 2,105,964; Jan. 18.
- Bohan, Joseph C. (See Morgan, J. G., and Bohan.)
- Bohannon, William A., and C. B. Gilbert, Hewlett, N. Y. Ice tray rack. 2,112,263; Mar. 29.
- Bohl, Jacob, Solothurn, Switzerland, assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic ignition timer. 2,141,029; Dec. 20.
- Böhlk, Heinrich. (See Albrecht, K., and Böhlk.)
- Bohman, Axel J. (See Graves, R. V., and Bohman.)
- Bohme Fettchemie-Gesellschaft. (See Wolf, B., Kling, and Rau, assignors.)
- Bohme Fettchemie-Gesellschaft m. b. H. (See Grün, Adolf, assignor.)
- Böhmte Fettchemie-Gesellschaft mit beschränkter Haftung. (See Bertsch, Heinrich, assignor.)
- Böhmte Fettchemie-Gesellschaft mit beschränkter Haftung. (See Bertsch, H., and Stober, assignors.)
- Bohme, H. Th., Aktiengesellschaft. (See Butz, Karl, assignor.)
- Bohme, H. Th. Aktiengesellschaft. (See Normann, W., and von Schuckmann, assignors.)
- Böhme, Joachim, Berlin-Schöneberg, and S. Link, Berlin-Charlottenburg, assignors to Siemens & Halske, Aktiengesellschaft Siemensstadt, near Berlin, Germany. High-frequency system. 2,138,953; Dec. 6.
- Bohmker, John C., Kankakee, Ill. Retort for underfeed stokers. 2,123,397; July 12.
- Böhm-Myro, Robert, London, England. Hand covering. 2,128,796; Aug. 30.
- Bohn Aluminum and Brass Corporation. (See Anderson, David E., assignor.)
- Bohn Aluminum & Brass Corporation. (See Fiegel, William J., assignor.)
- Bohn Aluminum & Brass Corporation. (See McCullough, William E., assignor.)
- Bohn Aluminum & Brass Corporation. (See Nelson, Adolph L., assignor.)
- Bohn Aluminum & Brass Corporation. (See Pattison, W. W., and Sandner, assignors.)
- Bohn Aluminum & Brass Corporation. (See Pitcher, Edward K., assignor.)
- Bohn, Nicholas J., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,125,984; Aug. 9.
- Bohn, Stewart, assignor to Rapinwax Paper Company, St. Paul, Minn. Wrapping paper and making same. 2,132,931; Oct. 11.
- Bohn, William J., assignor to Alvey Conveyor Manufacturing Co., St. Louis, Mo. Conveyor. 2,115,762; May 3.
- Bohnsack, John A., Cleveland Heights, assignor to The E. F. Hauserman Company, Cleveland, Ohio. Wall structure. 2,128,797; Aug. 30.
- Bolarsky, Abe B., New York, N. Y. Brake construction. 2,110,696; Mar. 8.
- Boice, John E., Toledo, Ohio. Jigsaw. 2,107,174; Feb. 1.
- Boie, Hans, Barby, Germany, assignor to International Patents Development Company, Wilmington, Del. Separation of starch from gluten. 2,124,284; July 19.
- Boileau, Arthur H., and A. L. Vaggenheller, assignors to Cherry-Burrell Corporation, Cedar Rapids, Iowa. Refrigerating system. 2,132,932; Oct. 11.
- Boissou, Pierre, assignor to Société Anonyme des Hauts Fourneaux & Fonderies de Pont-a-Mousson, Pont-a-Mousson, France. Making bent pipe elements. 2,134,853; Nov. 1.
- Bolavert, Alfred A., Glasgow, Mont. Sink. 2,130,943; Sept. 20.
- Bokeno, John S., Philadelphia, Pa. Thermostatic control. 2,113,227; Apr. 5.
- Bokemüller, Alfred, Gagganau, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Untertürkheim, Germany. Scavenging two stroke engine. 2,108,576; Feb. 15.
- Bokemüller, Alfred, Gagganau, Germany, assignor, by mesne assignments, to Sir W. G. Armstrong Whitworth & Co. (Engineers) Limited, Newcastle upon Tyne, England. Scavenging of two stroke internal combustion engines. 2,113,979; Apr. 12.



- Bokemüller, Alfred, Gaggenau-Baden, Germany, assignor, by mesne assignments, to Sir W. G. Armstrong Whitworth & Co. (Engineers) Limited, Newcastle-upon-Tyne, England. Two-stroke internal combustion engine. 2,136,070; Nov. 8.
- Bokovoy, Samuel A., Audubon, N. J., assignor to Radio Corporation of America. Piezoelectric quartz element. 2,111,383; Mar. 15.
- Bokovoy, Samuel A., West Collingswood, N. J., assignor to Radio Corporation of America. Piezoelectric quartz element. 2,111,384; Mar. 15.
- Bokovoy, Samuel A., Ventnor, and P. D. Gerber, Woodlynne, N. J., assignors to Radio Corporation of America. Recording device. 2,135,028; Nov. 1.
- Bokum, William F. (See Allen, T. W., Sr., Bokum, and Riehl.)
- Bol, Cornelis, and H. J. Lemmens, Eindhoven, Netherlands, assignors to General Electric Company. Quartz-to-metal seal. 2,114,869; Apr. 19.
- Boland, Clair L. (See Curtis, R. G., and Boland.)
- Bold, John W. (See Ryan, W. M., and Bold.)
- Bolder, Walter, Mount Dennis, Ontario, assignor to R. R. Spicer, Toronto, Ontario, Canada. Hemorrhoidal and rectal support. 2,128,670; Aug. 30.
- Boldt, Charles E., Milltown, Ind. Stock weaner. 2,134,596; Oct. 25.
- Boldt, Werner F. (See Cox, J. C., Boldt, and Thomas.)
- Boldt, Werner F., assignor to Wagner Electric Corporation, St. Louis, Mo. Power transmission control mechanism. 2,104,605; Jan. 4.
- Boldt, Werner F., Overland, and W. R. Freeman, University City, assignors to Wagner Electric Corporation, St. Louis, Mo. Brake control mechanism. 2,136,410; Nov. 15.
- Boldt, Werner F., and G. H. Thomas; said Boldt assignor to Wagner Electric Corporation, St. Louis, Mo., and said Thomas assignor to P. M. Salerni, London, England. 2,140,100; Dec. 13.
- Bole, George A. (See Co Van, H. E., and Bole.)
- Boles, Chalmers B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,137,260; Nov. 22.
- Boles, Chalmers B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,139,110; Dec. 6.
- Bolesky, John D., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Thermostatically controlled heating device. 2,111,609; Mar. 22.
- Bolhuis, Frank, Holland, Mich. House model. 2,118,338; May 24.
- Bolich, Charles M., Allentown, Pa. Storage battery filling device. 2,141,079; Dec. 20.
- Bolidens Gruvaktiebolag. (See Häger, Bror O., assignor.)
- Boline, Eldred A., Denver, Colo. Dispensing cap for containers. 2,115,985; May 3.
- Bolkcom, Harry G., Minneapolis, Minn. Plow point attachment. 2,139,486; Dec. 6.
- Boll, Arthur A. (See Freudenberg, G., Seiter, and Boll.)
- Böll, Karl, Berlin, and A. Edelhoff, assignors to Spreng- und Tauchgesellschaft m. b. H., Berlin-Schöneberg, Germany. Method of and device for flushing-in blasting charges. 2,137,261; Nov. 22.
- Bollaert, Armand R., Wilmington, assignor, by mesne assignments, to The Lehon Company, Chicago, Ill. Shingle. 2,113,644; Apr. 12.
- Bollens, Walter F., et al. (See Newton, R. C., and Bollens.)
- Boller, Ernest R., Cleveland Heights, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Impregnation of porous materials. 2,135,029; Nov. 1.
- Boller, Ernest R., Cleveland Heights, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of wood. 2,135,030; Nov. 1.
- Bolling, Robert P., Detroit, Mich. Bake oven. 2,120,829; June 14.
- Bollinger, Claude A., Gary, Ind. Metal rolling mill. 2,133,051; Oct. 11.
- Böllinger, Hanns S. W., and W. M. A. Gottschalk, Frankenthal-Pfalz, assignors to Klein, Schanzlin & Becker Aktiengesellschaft, Frankenthal, Germany. Mechanical control mechanism. 2,123,298; July 12.
- Bollinger, Jacob, Jr., Nyack, N. Y. Package. 2,126,444; Aug. 9.
- Bollman, Roland R., assignor to The Commonwealth Manufacturing Company, Cincinnati, Ohio. Arc welding unit. 2,118,291; May 24.
- Bollstrom, Charles E., Berrien Springs, Mich., assignor of one-half to H. A. Hill, Goshen, Ind. Folding porch construction. 2,122,791; July 5.
- Bolognino, Andrew, New York, and J. Jackerson, Brooklyn, N. Y. Automatic ticket registering and checking machine. 2,134,681; Nov. 1.
- Bolognaro, James D., Charlottesville, Va. Apparatus for calculating the spacing of type for printed matter. 2,133,802; Oct. 18.
- Bolser, Clark M., Des Moines, Iowa. Flare assembly. 2,138,622; Nov. 29.
- Bolster, John M., assignor to E. Traficante, Minneapolis, Minn. Tremolo device for accordions. 2,133,012; Oct. 11.
- Bolster, John M., assignor to E. Traficante, Minneapolis, Minn. Accordion strap adjusting device. 2,134,854; Nov. 1.
- Bolton, Archer L., North Andover, assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Jordan engine with crimped members. 2,120,482; June 14.
- Bolton, Elmer K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sizing fabric. 2,107,852; Feb. 8.
- Bolton, John W., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Heat-treating alloys. 2,116,923; May 10.
- Bolton, John W., & Sons, Inc. (See Bolton, Archer L., assignor.)
- Bolton, Kenneth, Pittsburgh, Pa., and J. E. Weiler, assignors to Halliburton Oil Well Cementing Company, Duncan, Okla. Well measuring. 2,131,868; Oct. 4.
- Bolton, Ray F. (See Hughes, J. D., and Bolton.)
- Bolyard, Charles C., assignor to Paper Supply Company, Los Angeles, Calif. Ornamental material. 2,111,108; Mar. 15.
- Bolyard, Charles C., assignor to Paper Supply Company, Los Angeles, Calif. Decorative article and making it. 2,111,109; Mar. 15.
- Bombard, Joseph A., Bronxville, N. Y. Window shade. 2,138,441; Nov. 29.
- Bombard, Joseph A., and E. H. Acree, Bronxville, N. Y. Destination indicator. 2,122,855; July 5.
- Bomberger, George E., assignor to Inland Container Corporation, Indianapolis, Ind. Indented paperboard article. 2,129,488; Sept. 6.
- Bomford, Douglas R. and E. R., Pitchill, Evesham, England. Vehicle provided with endless or self-laying tracks. 2,133,653; Oct. 18.
- Bomford, Ernest R. (See Bomford, Douglas R. and E. R.)
- Bommer, Max. (See Albrecht, O., Bommer, and Grieshaber.)
- Bommer, Max. (See Koch, J., and Bommer.)
- Bommer, Max. (See Hauser, H., and Bommer.)
- Bonaguidi, George C., Evanston, Ill. Roasting spit. 2,130,259; Sept. 13.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Articulated toy train. 2,106,698; Feb. 1.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Coupling device for toy trains. 2,107,024; Feb. 1.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Circuit controller for toy railroads. 2,129,258; Sept. 6.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Toy. 2,138,367; Nov. 29.
- Bonar, Howard T. (See Whitehead, F. E., and Bonar.)
- Bonat, Harry, New York, N. Y. Protector pad for permanent hair waving. 2,108,469; Feb. 15.
- Bonat, Harry, New York, N. Y. Hair waving apparatus. 2,140,980; Dec. 20.
- Bonato, Martin, Santa Barbara, Calif. Brace holder and press. 2,106,112; Jan. 18.
- Bonbright, Carl W., trustee. (See Cooper, Lawson H., assignor.)
- Bonbright, Carl W., trustee. (See Nightingale, William J., assignor.)
- Bond, Charles. (See Bowen, James, assignor.)
- Bond Foundry & Machine Company. (See Shreck, I. F., and Mann, assignors.)
- Bond, Harry, East Stroudsburg, Pa. Paste dispenser. 2,130,176; Sept. 13.
- Bond Manufacturing Corporation. (See Bond, Samuel C., assignor.)
- Bond, Paul, Houston, Tex. Shuttle-box position selector or indicator. 2,123,561; July 12.
- Bond, Samuel C., Holly Oak, Del., assignor to Bond Manufacturing Corporation, Inc. Making cork composition and product produced thereby. 2,128,894; Sept. 6.
- Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,125,985; Aug. 9.
- Bond, William G., Wilmington, Del. Extruding machine. 2,127,857; Aug. 23.
- Bonded Scale Company. (See Flumerfelt, William A., assignor.)
- Bondeson, Carl G., assignor to The Andrew Terry Company, Terryville, Conn. Grounding device. 2,116,474; May 3.
- Bondeson, Carl G., assignor to The Andrew Terry Company, Terryville, Conn. Ground fitting. 2,116,776; May 10.
- Bondeson, Carl G., assignor to The Andrew Terry Company, Terryville, Conn. Electric cable connector. 2,122,792; July 5.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,606; Jan. 4.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,607; Jan. 4.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive device. 2,113,645; Apr. 12.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,115,901; May 3.



- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,115,902; May 3.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway bootleg. 2,118,148; May 24.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,129,301; Sept. 6.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 2,130,452; Sept. 20.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 2,130,453; Sept. 20.
- Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway bootleg. 2,135,741; Nov. 8.
- Bone, Hugh M. (See Williams, R. C., and Bone.)
- Bone, Hugh M., and R. C. Williams, Columbus, assignors, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Method and product for treating glass wool. 2,107,284; Feb. 8.
- Bonetti, Dante, Highwood, Ill. Changeable letter sign. 2,118,696; May 24.
- Bonesteele, Parke L., and M. L. McKercher, Baltimore, Md., assignors to American Bitumuls Company, San Francisco, Calif. Emulsions and process of making the same. 2,135,866; Nov. 8.
- Bonforte, Mary L., Salt Lake City, Utah. Single lock tire chain. 2,130,293; Sept. 13.
- Bonham, James, North Shields, assignor of one-half to T. Macdonald, Monkseaton, England. Emergency screw-threaded bolt. 2,132,284; Oct. 4.
- Bonham, Maurice J., Elkins Park, assignor to McCloskey Varnish Company, Holmesburg Junction, Philadelphia, Pa. Manufacture of varnish base resin. 2,126,242; Aug. 9.
- Bonhard, John, West New York, N. J. Pressure gauge for internal combustion motors. 2,122,243; June 28.
- Bonhôte, Gerald. (See Johnner, H., and Bonhôte.)
- Bonhôte, Gerald. (See Pool, E., Bonhôte, and Apotheker.)
- Bonhôte, Gerald, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Water-insoluble azo dyestuffs. 2,120,728; June 14.
- Bonis, Caesar, Brooklyn, N. Y. Fur sewing machine. 2,132,379; Oct. 11.
- Bonn, Friedrich, Surth near Cologne, Germany. Recording device for telephone sets. 2,130,336; Sept. 20.
- Bonnaire, Claud, London, England. Map, time-table, and the like. 2,118,964; May 31.
- Bonnell, William L., assignor to B. & T. Floor Company, Columbus, Ohio. Frame for securing wall coverings. 2,114,044; Apr. 12.
- Bonner, Ernest N., Detroit, Mich. Spray head. 2,127,715; Aug. 23.
- Bonner, Francis H., Bristol, England. Creating a moist atmosphere in bakers' ovens and other chambers, Method of and means for. 2,141,591; Dec. 27.
- Bonnett, Howard T. (See Major, R. T., and Bonnett.)
- Bonney-Floyd Company, The. (See Edmunds, Glenn E., assignor.)
- Bonney, Herbert M. (See Gould, C. T., and Bonney.)
- Bonney, Robert D., Glen Ridge, and W. S. Egge, East Orange, N. J., assignors to Congoleum-Nairn Inc. Treating China-wood oil and product thereof. 2,133,889; Oct. 18.
- Bonorden, Allen R., Fanwood, N. J., assignor to American Telephone and Telegraph Company. Telephone switch-board switching system. 2,139,799; Dec. 13.
- Bonorden, Allen R., Fanwood, N. J., assignor to American Telephone and Telegraph Company. Telephone switch-board and switching system. 2,139,800; Dec. 13.
- Bonorden, Allen R., Fanwood, F. J. Carter, Millburn, and F. H. Hanley, Butler, N. J., assignors to American Telephone and Telegraph Company. Telephone switch-board switching system. 2,139,798; Dec. 13.
- Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Extracting oils and fats from materials containing the same. 2,112,805; Mar. 20.
- Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Insulated car wall. 2,117,397; May 17.
- Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car roof. 2,120,349; June 14.
- Bonsall, Charles D., Pittsburgh, assignor to Standard Railway Equipment Manufacturing Company. New Kensington, Pa. Car roof. 2,120,350; June 14.
- Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car. 2,130,999; Nov. 15.
- Bonser, Frank. (See Reynolds, W., and Bonser.)
- Bonsignore, Henry C., Lake Placid, N. Y. Barber's apron. 2,129,644; Sept. 13.
- Bonson, Edwin W., London, England. Electric plug. 2,140,616; Dec. 20.
- Bonville, Edward J., New London, assignor to Robertson Paper Box Company, Inc., Montville, Conn. Easel box. 2,112,135; Mar. 22.
- Boer, Joseph R., Addiscombe-Surrey, England, and G. Kessel, Hackensack, N. J. Composition for treatment of seeds. 2,104,316; Jan. 4.
- Boog, Richard K., Newark, N. J. Collar clasp. 2,126,866; Aug. 16.
- Booge, James E., Newark, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Calcium sulphate-zinc sulphide pigment. 2,111,137; Mar. 15.
- Booger, Leif N., Brooklyn, N. Y. Dispensing device. 2,135,999; Nov. 8.
- Booker, Clyde A., Lexington, and A. E. Hill, Fitchburg, Mass. Insulating device for high tension constructions. 2,113,673; Apr. 12.
- Booker, Norman N., assignor of three-tenths to E. P. Adams, Philadelphia, Pa. Aerial bomb. 2,139,665; Dec. 13.
- Boon, Anthonie A., and H. Barknowitz, Amsterdam, and G. M. Uitermark, Haarlem, assignors to L. De Jong, Amsterdam, Netherlands. Electric connector. 2,135,163; Nov. 1.
- Boone, Arthur J., Jackson, Mich. Quick change punch and punch holder. 2,128,116; Aug. 23.
- Boone, Loys S., Hugheston, W. Va. Air compressor. 2,127,152; Aug. 16.
- Boonton Radio Corporation. (See Snow, Harold A., assignor.)
- Boorum & Pease Company. (See Gingham, E. C., and Figlioli, assignors.)
- Boosman, Herman B. R. (See de Vries, G., and Boosman.)
- Booth, Charles F., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. Treatment of phosphoric acid to remove fluorine. 2,132,349; Oct. 4.
- Booth, F. E., Company. (See Peebles, D. D., Manning, and Potbury, assignors.)
- Booth, Franklin O. (See Hall, E. B., Baker, and Booth.)
- Booth, George M., Westfield, assignor to Wallace & Tierman Company, Inc., Belleville, N. J. Pressure reducing and regulating valve. 2,137,204; Nov. 15.
- Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Printing apparatus. 2,105,399; Jan. 11.
- Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Printing apparatus. 2,105,400; Jan. 11.
- Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for applying closures. 2,139,572; Dec. 6.
- Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Combined capping and printing machine. 2,139,573; Dec. 6.
- Booth, Harold S., Cleveland Heights, Ohio. Production of alkaline earth carbonate. 2,112,903; Apr. 5.
- Booth, Harold S., Cleveland Heights, Ohio. Thermal decomposition of oxy-compounds. 2,112,904; Apr. 5.
- Booth, Harry T. (See Clarke, H. B., and Booth.)
- Booth, John H., Four Oaks, Sutton Coldfield, assignor of one-third to A. S. Cheston, and one-third to H. L. Sleight, Birmingham, England. Hinge. 2,112,878; Apr. 5.
- Booth, John H., Four Oaks, Sutton Coldfield, assignor of one-third to A. S. Cheston and one-third to H. L. Sleight, Birmingham, England. Hinge. 2,118,149; May 24.
- Booth, Leroy W., assignor to Sanford Mills, Sanford, Maine. Making yarn from continuous rayon and staple fiber. 2,132,624; Oct. 11.
- Booth, Lionel E., assignor to The Galigher Company, Salt Lake City, Utah. Filter. 2,113,823; Apr. 12.
- Booth, Margaret, New York, N. Y. Typewriter erasing attachment. 2,123,877; July 19.
- Booth, Morris F., Salem, Ohio. Differential pressure control. 2,118,292; May 24.
- Booth, Neil S., Chicago, Ill. Educational device. 2,109,965; Mar. 1.
- Booth, Stanley, Leeds, England. Pressing machine. 2,122,927; July 5.
- Boothby, Donald D., assignor to Air Devices Corporation, Chicago, Ill. Heater. 2,120,795; June 14.
- Boothby Fibre Can Company. (See Gazette, Marshall E., assignor.)
- Boothe, Eugene F., assignor to James R. Kearney Corporation, St. Louis, Mo. Fuse link. 2,108,843; Feb. 22.
- Boothe, Eugene F., assignor to James R. Kearney Corporation, St. Louis, Mo. Secondary fuse. 2,111,745; Mar. 22.
- Boothroyd, Harold C., Pleasant Ridge, Mich. Switch. 2,111,385; Mar. 15.
- Boothroyd, Hubert. (See Woodcock, R. B., and Boothroyd.)
- Boothroyd, Hubert, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Edging machine. 2,111,610; Mar. 22.
- Booton, William E., Leicester, England. Knitting machine. 2,105,965; Jan. 18.
- Boots' Pure Drug Company Limited. (See Pyman, F. L., Garforth, and Anderson, assignors.)
- Boots' Pure Drug Company Limited. (See Pyman, F. L., and Levene, assignors.)
- Booty, Philip C. F., and R. G., Chicago, Ill. Removing surplus resins from articles after impregnation. 2,118,036; May 24.
- Booty, Philip C. F., and R. G., Chicago, Ill. Apparatus for impregnating wood and the like. 2,135,491; Nov. 8.



- Booty, Philip C. P. and R. G., Chicago, Ill. Impregnating wood and the like. 2,140,981; Dec. 20.
- Booty, Raymond G. (See Booty, Philip C. P. and R. G.)
- Bopp, Enos J., Illinois City, Ill. Gate. 2,116,821; May 10.
- Borberg, Adolf, Short Hills, N. J., assignor to Carnegie Steel Company. Piling section. 2,104,116; Jan. 4.
- Borda, Pasquale, Brooklyn, N. Y. Last. 2,138,902; Dec. 6.
- Borden, Albert. (See Bensel, Duryea, assignor.)
- Borden Company, The. (See Mapes, Leslie A., assignor.)
- Borden Company, The. (See McClatchie, John M., assignor.)
- Borden Company, The. (See Page, W., and Taylor, assignors.)
- Borden Company, The, et al. (See Supplee, George C., assignor.)
- Borden, Howard S., Rumson, N. J. Poker set. 2,130,762; Sept. 20.
- Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Compensated flow control system. 2,134,597; Oct. 25.
- Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Vacuum breaker. 2,135,383; Nov. 1.
- Borden, Perry A., assignor to The Bristol Company, Waterbury, Conn. Compensated potential divider for potentiometers. 2,114,330; Apr. 19.
- Borden, Roy. (See Ledger, W., and Borden.)
- Borden, Stephen W., Summit, N. J. Ground rod fitting. 2,122,546; July 5.
- Borden, Stephen W., Summit, N. J. Electrode fitting. 2,122,547; July 5.
- Borden, Stephen W., Summit, N. J. Ground testing meter. 2,122,548; July 5.
- Borden, Stephen W., Summit, N. J. Earth electrode meter. 2,122,549; July 5.
- Borden, Stephen W., Summit, N. J. Ground fitting. 2,132,843; Oct. 11.
- Borel, Charles, Geneva, Switzerland. Apparatus for collaborating statistical data. 2,131,497; Sept. 27.
- Borel, Onésime. (See Dietrich, T., and Borel.)
- Borenstein, Ella. (See Mann, Joseph, assignor.)
- Borenstein, Walter. (See Mann, Joseph, assignor.)
- Borer, William J. (See George, W. E., and Borer.)
- Borg, Axel G., Lake Forest, Ill. Stringed instrument. 2,141,735; Dec. 27.
- Borg, Ernest M. R., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,107,364; Feb. 8.
- Borg, George W., Corporation. (See Hobbs, John W., assignor.)
- Borg, George W., Corporation, The. (See Bell, Raymond T., assignor.)
- Borg-Warner Corporation. (See Anderson, Arthur W., assignor.)
- Borg-Warner Corporation. (See Anderson, M. B., and Swenson, assignors.)
- Borg-Warner Corporation. (See Avery, Howard W., assignor.)
- Borg-Warner Corporation. (See Battles, S. S., and Ahrebecker, assignors.)
- Borg-Warner Corporation. (See Buchanan, John C., assignor.)
- Borg-Warner Corporation. (See Burnett, Everett R., assignor.)
- Borg-Warner Corporation. (See Carlson, Raymond A., assignor.)
- Borg-Warner Corporation. (See Chandler, Milford G., assignor.)
- Borg-Warner Corporation. (See Darbyshire, Leonard H., assignor.)
- Borg-Warner Corporation. (See Darbyshire, L. H., Norberg, and Morley, assignors.)
- Borg-Warner Corporation. (See Emerson, John R., assignor.)
- Borg-Warner Corporation. (See Fawick, Thomas L., assignor.)
- Borg-Warner Corporation. (See Gamble, David E., assignor.)
- Borg-Warner Corporation. (See Hunt, G. H., and Berno, assignors.)
- Borg-Warner Corporation. (See Ingersoll, Roy C., assignor.)
- Borg-Warner Corporation. (See Ingersoll, Stephen L., assignor.)
- Borg-Warner Corporation. (See Moore, Charles A., assignor.)
- Borg-Warner Corporation. (See Nutt, Harold, assignor.)
- Borg-Warner Corporation. (See Nutt, H., and Reed, assignors.)
- Borg-Warner Corporation. (See Orr, Palmer, assignor.)
- Borg-Warner Corporation. (See Osborne, William B., assignor.)
- Borg-Warner Corporation. (See Rauen, C. F., and Kilpela, assignors.)
- Borg-Warner Corporation. (See Reed, Harold V., assignor.)
- Borg-Warner Corporation. (See Rehnberg, Axel F., assignor.)
- Borg-Warner Corporation. (See Ruesenberg, Carl A., assignor.)
- Borg-Warner Corporation. (See Ruesenberg, C. A., and Willene, assignors.)
- Borg-Warner Corporation. (See Sherman, Alvin G., assignor.)
- Borg-Warner Corporation. (See Sherman, A. G., and Mills, assignors.)
- Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)
- Borg-Warner Corporation. (See Swenson, Carl E., assignor.)
- Borg-Warner Corporation. (See Terrell, Ralph A., assignor.)
- Borg-Warner Corporation. (See White, Samuel O., assignor.)
- Borgen, Sigward L., Dallas, Wis. Putty retainer. 2,108,192; Feb. 15.
- Borgerd, William F., and W. O. Bechman, Chicago, Ill., and K. A. Harmon, Longmeadow, assignors to Wico Electric Company, West Springfield, Mass. Magneto. 2,110,321; Mar. 8.
- Borgerd, William F., Riverside, F. I. McCune and C. A. Uhrek, Chicago, Ill., assignors to International Harvester Company. Gas pump. 2,124,181; July 19.
- Borgfeldt, Frederic R., Middlebury, Ind., assignor to Middlebury Electric Clock Corporation, Chicago, Ill. Electric clock. 2,117,873; May 17.
- Borgfeldt, Frederic R., Middlebury, Ind., assignor, by mesne assignments, to Globe American Corporation, Macomb, Ill. Electric clock. 2,133,052; Oct. 11.
- Borgfeldt, Frederic R., Middlebury, Ind., assignor, by mesne assignments, to Globe American Corporation, Macomb, Ill. Synchronous motor for electric clocks and the like. 2,138,442; Nov. 29.
- Borggard, Clarence S., Somerville, Mass. Hand truck conveyor. 2,107,465; Feb. 8.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Sulphurizing terpene, aletyl compounds, etc. 2,111,882; Mar. 22.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin esters. 2,114,371; Apr. 19.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Rosin refining and polymerization simultaneously. 2,120,015; June 7.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Refining sulphurized organic materials. 2,125,218; July 26.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene alcohol esters of dibasic acids and producing. 2,136,000; Nov. 8.
- Borgstrom, David T., Los Angeles, Calif. Rotary fireplace. 2,122,635; July 5.
- Boris, Pauline, Chicago, Ill. Breast support. 2,104,725; Jan. 11.
- Borkenstein, Frank J., Fort Wayne, Ind. Cove base molding. 2,111,922; Mar. 22.
- Borkland, Carl R., Boston, Mass. Hat structure. 2,138,225; Nov. 29.
- Borkum, David N. (See Sanchioni, Adolf L., assignor.)
- Borland, Bruce, Chicago, Ill. Car seal. 2,130,787; Sept. 20.
- Borland, Carl A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Burner. 2,121,948; June 28.
- Borman, Emil, Chicago, Ill. Pneumatic heel. 2,106,788; Feb. 1.
- Bornemann, Hermann G., Zeglendorf-Klein, Machnow, Germany. Electric spark plug or the like for internal combustion engines. 2,109,364; Feb. 22.
- Börner, Karl. (See Rossner, E., Börner, Mahn, and Irion.)
- Bornstein, Morris. (See Morin, E. A., and Bornstein.)
- Boroughs, Eugene J., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovering maize oil. 2,135,462; Nov. 1.
- Boroughs, Frank S., Elmhurst, Long Island, assignor to G. M. Co. Manufacturing Co., Inc., Long Island City, N. Y. Valve core. 2,124,844; July 26.
- Borton, George W., New Lisbon, N. J., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Crushing machinery. 2,108,793; Feb. 22.
- Bortsch, Robert, St. Peter, near Graz, Austria. Cement testing device. 2,129,043; Sept. 6.
- Bortz, Alfred W., Echo, Minn. Battery filler. 2,140,951; Dec. 20.
- Borwick, Arthur H., Huntington Park, Calif. Stretching metal rods. 2,136,538; Nov. 15.
- Bosch, Henry, Jr., San Francisco, Calif. Retrieving mechanism. 2,105,469; Jan. 18.
- Bosch, Max, Berlin-Reinickendorf, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric current conversion system. 2,106,826; Feb. 1.
- Bosch, Robert, Aktiengesellschaft. (See Dorn, Walter, assignor.)
- Bosch, Robert, Aktiengesellschaft. (See Pfister, Willy, assignor.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Baumgratz, E., Kratz, and Steinhart, assignors.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Bischoff, Heinrich, assignor.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Callsen, Albert, assignor.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Hammer, Richard, assignor.)



- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Holzbaur, Eugen, assignor.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Hurst, M., and Weber, assignors.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Klaiber, Erich, assignor.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Klein, Hermann, assignor.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Mall, E., and Dorn, assignors.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Meyer, A., Hurst, and Stockmeyer, assignors.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Schweizer, Alfred, assignor.)
- Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Sträß, H., Reger, and Dorn, assignors.)
- Bosco, George B., Chicago, Ill. Wall tie. 2,115,137; Apr. 26.
- Bosco, George B., Chicago, Ill. Wrapping for structural shapes. 2,116,335; May 3.
- Bosco, George B., Chicago, Ill. Form hanger for concrete slab structures. 2,122,276; June 28.
- Boscow, Arthur L., and A. V. Worthington, Oakland, Calif. Faucet. 2,134,966; Nov. 1.
- Bose, Edward R., Rutherford, assignor to United Cork Companies, Lyndhurst, N. J. Heat-insulated wall construction. 2,107,258; Feb. 1.
- Boser, Otto J. (See Steingrover, F. A., and Boser.)
- Bosh, Tony S., and G. H. Bauley, Williston, N. Dak. Tank filling device. 2,130,059; Sept. 13.
- Boshnack, Isidore and S., New York, N. Y. Safety tool pocket. 2,129,196; Sept. 6.
- Boshnack, Samuel. (See Boshnack, Isidore and S.)
- Bosley, David A., Jr., Lakewood, assignor to The Glidden Company, Cleveland, Ohio. Preparing a surface. 2,117,289; May 17.
- Bosma, Alfred S., assignor to The Lauson Company, New Holstein, Wis. Engine starter. 2,109,281; Feb. 22.
- Bosque, José V., Habana, Cuba. Faucet. 2,121,281; June 21.
- Boss, John W., assignor to Chromium Products Corporation, Livingston, Mont. Apparatus for the electrolytic production of chromic acid and caustic alkali. 2,116,138; May 3.
- Bossard, Josephine L. (See Pyatt, James C., assignor.)
- Bossart, Paul N. (See Place, W. P., Bossart, and Gron-dahl.)
- Bosschieter, Leonard, Prospect Park, N. J. Collapsible chair. 2,136,838; Nov. 15.
- Bosshard, John J., Chicago, assignor, to Brasco Manufacturing Company, Harvey, Ill. Store front construction. 2,107,323; Feb. 8.
- Bostad, Fred. (See Nielsen, S. F., and Bostad.)
- Bostie, Ralph R., Los Angeles, Calif. Gauge. 2,106,993; Feb. 1.
- Bostick, Alfred, Jackson, Mich. Solenoid actuator for rotating signals. 2,110,033; Mar. 1.
- Boston, David W. (See Poulsen, A., Kolb, Pratt, and Boston.)
- Boston Gear Works, Inc. (See Foster, Neal W., assignor.)
- Boston Knitting Mills, Inc. (See Berger, Samuel L., assignor.)
- Boston Wire Stitcher Company. (See Cavanagh, John F., assignor.)
- Boston Wire Stitcher Company. (See Davis, E. W., and Maynard, assignors.)
- Boston Wire Stitcher Company. (See Maynard, Arthur H., assignor.)
- Boston Woven Hose and Rubber Company. (See Apel, G. E., and Patterson, assignors.)
- Boston Woven Hose and Rubber Company. (See Blerer, John M., assignor.)
- Bostwick, Cyrus R., Cato, N. Y. Triplicate folding hand mirror. 2,140,069; Dec. 13.
- Bostwick, Myron A., North Arlington, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network relay. 2,114,829; Apr. 19.
- Bostwick Steel Lath Company, The. (See Huribert, William G., Jr., assignor.)
- Borawan, Hans P., Gallon, Ohio, assignor to The North Electric Mfg. Company. Supervisory control system. 2,139,352; Dec. 6.
- Bosworth, Roswell L., Cranston, R. I., assignor to Guyan Mills, Inc. Fabric for curtains or the like. 2,125,422; Aug. 2.
- Bosworth, Thomas E., Providence, R. I., assignor to Universal Optical Corporation. Removable nose pad. 2,114,174; Apr. 12.
- Botinger, Fred, Oakford, and C. Schreier, Philadelphia, Pa. Flexible utility ladder. 2,129,401; Sept. 6.
- Bott, Perry J., Little Rock, Ark. Insulator shield. 2,135,558; Nov. 8.
- Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Production of anhydrous sodium sulphate. 2,129,843; Sept. 13.
- Bottorf, Harry F., Williamsport, Pa., assignor to Pang-born Corporation, Hagerstown, Md. Method of and apparatus for cleaning tubular bodies. 2,117,648; May 17.
- Botts, John M., Jenkintown, Pa. Full fashioned hosiery. 2,119,663; June 7.
- Bouchard, Blanche E. (See Du Grenier, Francis C., assignor.)
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Adjusting device for ophthalmic mountings. 2,112,647; Mar. 29.
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,117,139; May 10.
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,135,791; Nov. 8.
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,135,792; Nov. 8.
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,141,287; Dec. 27.
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Machine for assembling ophthalmic mountings. 2,141,288; Dec. 27.
- Boucher, Charles P., Montreal, Quebec, Canada, assignor to Boucher Inventions, Ltd., Washington, D. C. Luminescent tube. 2,117,054; May 10.
- Boucher Inventions, Ltd. (See Boucher, Charles P., assignor.)
- Boucher, Jacques, Boulogne-sur-Seine, assignor to Société Anonyme des Hauts Fourneaux et Fonderies de Pont-a-Mousson, Pont-a-Mousson, France. Pipe joint. 2,138,135; Nov. 29.
- Boucher, Parks, Antlers, Okla. Filler rod holder. 2,121,682; June 21.
- Bouden, William L., Brooklyn, N. Y., assignor to Radio Corporation of America. Permanent wave machine. 2,118,594; May 24.
- Boudette, Cornelius G. (See Joy, J. F., and Boudette.)
- Boudin, Louis, St-Gobain, and H. Poeymiro, Asnières, assignors to Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. 2,122,083; June 28.
- Boughton, Samuel D. (See Wilkinson, T. T., and Boughton.)
- Boughton, Solon J., Shaker Heights, Ohio. Gear change operating means. 2,129,259; Sept. 6.
- Boughton, Willis A., Cambridge, and W. R. Mansfield, Boston, assignors to New England Mica Co., Waltham, Mass. Restraint of crystallization of inorganic colloids in aqueous association. 2,113,533; Apr. 5.
- Bouhuys, Aleidus G., assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk hose. 2,138,954; Dec. 6.
- Boule, Camille E., assignor to Summit Thread Company, East Hampton, Conn. Thread bobbin producing machine. 2,140,046; Dec. 13.
- Boulton, Berthoud C. (See Klemm, H. G., and Boulton.)
- Bouillon, Joseph M. F., Paris, France. Closing device for vessels containing a matter under pressure especially fire extinguishers. 2,130,763; Sept. 20.
- Boulard, Gabriel, Paris, France. Hair curler. 2,127,349; Aug. 16.
- Boulton, Harold S., Chicago, Ill. Floor troweling machine. 2,108,470; Feb. 15.
- Bouman, Johannes A. J. (See van Loon, Carel J., and Bouman.)
- Boumans, Paul, Arlington, N. J., and W. Brinck, New York, N. Y. Garment checking apparatus. 2,124,444; July 19.
- Boumeester, Huibert G. (See Kuipers, M., and Boumeester.)
- Boumeester, Huibert G., assignor to N. V. Phillips' Gloeilampenfabrieken, Eindhoven, Netherlands. Discharge tube. 2,129,314; Sept. 6.
- Boumeester, Huibert G., and K. Posthumus, Eindhoven, Netherlands, assignors to N. V. Phillips' Gloeilampenfabrieken. Electron discharge device. 2,112,136; Mar. 22.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Pressure indicator. 2,107,595; Feb. 8.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Pressure compensating device for multiple gas chambers. 2,107,596; Feb. 8.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Tire. 2,120,063; June 7.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Tire. 2,122,736; July 5.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Device for heating de-inflation of pneumatic tires. 2,136,038; Nov. 8.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Axle suspension for vehicles. 2,138,136; Nov. 29.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Transfer sheet for decorating rubber. 2,139,068; Dec. 6.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Device for automatically controlling the inflation of tires. 2,141,507; Dec. 27.
- Bourgeois, Alphonse J. (See Montgomery, H. H., and Bourgeois.)
- Bourke, Russell L., Petaluma, Calif. Transmission for piston and crankshaft assemblies. 2,122,676; July 5.
- Bourke, Russell L., Petaluma, Calif. Internal combustion engine. 2,129,677; July 5.
- Bourne, Roland R., assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. 2,127,072; Aug. 23.
- Bourne, Willard A. (See McCulloch, N. P., and Bourne.)



- Bourquin, Edgar, Framingham, Mass., assignor to Warren Telechron Company. Rotating dial numeral clock. 2,130,873; Sept. 20.
- Bousquet, Euclid W., Wilmington, G. D. Graves, Holly Oak, and P. L. Salzberg, Carrcroft, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition toxic to lower forms of life. Re. 20,869; Oct. 4.
- Bousquet, Euclid W., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized parasiticide composition. 2,123,928; July 19.
- Bousquet, Euclid W., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photochemically stabilized thio-diarylamine parasiticide composition. 2,123,929; July 19.
- Bousquet, Euclid W., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyl chlorides. 2,124,605; July 26.
- Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of dithiocarbamic acids. 2,127,375; Aug. 16.
- Bousquet, Euclid W., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Parasiticide composition. 2,139,256; Dec. 6.
- Bousquet, Euclid W., Wilmington, and P. L. Salzberg, Edge Moor, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Fly spray. 2,112,688; Mar. 29.
- Boussell, André. (See Sutter, C., and Boussell.)
- Boustead, Mary E., Minneapolis, Minn. Humidifier. 2,140,664; Dec. 20.
- Boutlier, Walter H., Halifax, Nova Scotia, Canada. Preparation of food products from fish scrap. 2,126,445; Aug. 9.
- Bouvier, George A., and H. R. Laird, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Cutting or milling machine. 2,116,593; May 10.
- Bouwers, Albert, assignor, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High tension discharge tube. 2,110,259; Mar. 8.
- Bouwers, Albert, assignor, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,114,070; Apr. 12.
- Bouwers, Albert, assignor, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,118,457; May 24.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High voltage discharge device. 2,119,069; May 31.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High voltage discharge tube. 2,119,070; May 31.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,129,646; Sept. 13.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric discharge tube. 2,139,487; Dec. 6.
- Bouwers, Albert and J. H. van der Tuuk, assignors, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High voltage discharge tube. 2,107,597; Feb. 8.
- Bovard, Charles M., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Fuel supplying apparatus. 2,140,101; Dec. 13.
- Bovard, Floyd G. (See Taylor, J. J., and Bovard.)
- Bovard, Floyd G., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Trimmer. 2,117,695; May 17.
- Bovard, Floyd G., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor clamp. 2,135,320; Nov. 1.
- Bovier, Archie M., Elmira, assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Composite traveler record fastener. 2,108,471; Feb. 15.
- Bowden, Charles L., Valparaiso, Ind. Two-cycle engine. 2,121,727; June 21.
- Bowden, Walter H., East Geelong, Australia. Yarn winding machine. 2,131,470; Sept. 27.
- Bowdill Company, The. (See Bowman, Charles L., assignor.)
- Bowdoin, George E., New York, and W. Strobbridge, Syracuse, assignors to United States Hoffman Machinery Corporation, New York, N. Y. Drying. 2,142,042; Dec. 27.
- Bowen, Arnold E., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave-meter. 2,106,713; Feb. 1.
- Bowen, Arnold E., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guided wave transmission. 2,129,669; Sept. 13.
- Bowen, Arthur, Los Angeles, Calif., assignor to Davis & Geck, Inc., Brooklyn, N. Y. Tube for surgical purposes and preparing and using the same. 2,127,903; Aug. 23.
- Bowen, Ernest W. (See Rogers, D. A., and Bowen.)
- Bowen, Erwin E. (See Murray, P. J., and Bowen.)
- Bowen, George W., Houston, Tex., assignor to S. R. Bowen Co., Huntington Beach, Calif. Inside casing cutter. 2,117,599; May 17.
- Bowen, Harold H., Heaton, Bradford, and V. H. Majerus, Vilvoorden, Wyke, Bradford, assignors to The Bradford Dyers' Association, Limited, Bradford, Yorkshire, England. Production of improved effects on cellulosic fabrics. 2,119,150; May 31.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake system. 2,104,220; Jan. 4.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Pressure producing device for fluid pressure systems. 2,114,991; Apr. 26.
- Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,114,992; Apr. 26.
- Bowen, James, Manheim, assignor to C. Bond, Philadelphia, Pa. Caster control means for movable trucks and the like. 2,114,586; Apr. 19.
- Bowen, James M., Cape May Court House, N. J., assignor to S. L. Allen & Co., Inc., Philadelphia, Pa. Steering sled. 2,105,633; Jan. 18.
- Bowen, John E., Akron, Ohio. Watch construction. 2,105,966; Jan. 18.
- Bowen, Joseph M., West Quincy, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade. 2,119,983; June 7.
- Bowen, Joseph M., West Quincy, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade. 2,131,368; Sept. 27.
- Bowen, Joseph R., Los Angeles, Calif., assignor, by mesne assignments, to Hollywood-Maxwell Company, Brasiere. 2,130,534; Sept. 20.
- Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Abrading apparatus. 2,113,106; Apr. 5.
- Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Fibrous tapelike body and making same. 2,130,944; Sept. 20.
- Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Abrading appliance. 2,131,309; Sept. 27.
- Bowen, Kenneth H., and E. B. Carlson, assignors to Columbian Rope Company, Auburn, N. Y. Fiber bodies and producing same. 2,121,496; June 21.
- Bowen, Myron W., assignor to Hydraulic Brake Company, Detroit, Mich. Piston for pressure producing devices. 2,125,986; Aug. 9.
- Bowen, Russell H., assignor to The American Pulley Company, Philadelphia, Pa. Variable-pitch pulley. 2,140,182; Dec. 13.
- Bowen, S. K., Co. (See Bowen, George W., assignor.)
- Bowen, S. R., Co. (See Barrett, Ray W., assignor.)
- Bowen, William F., assignor to Evans Case Company, North Attleboro, Mass. Receptacle with picture display. 2,117,140; May 10.
- Bowen, William S., Westfield, N. J. Dust collector. 2,115,326; Apr. 26.
- Bowen, William S., Westfield, N. J. Concentrator. 2,118,803; May 31.
- Bower, George W., Harbor Creek, Pa., assignor to General Electric Company. Circuit controlling device. 2,109,987; Mar. 1.
- Bower, Jerome G., New York, N. Y., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Locomotive pilot coupler. 2,104,846; Jan. 11.
- Bower, Joseph, et al. (See Gough, Joseph, assignor.)
- Bower, Joshua. (See Kinsella, E., Bower, Briggs, and Roberts.)
- Bower, Raymond G., assignor to Burroughs Adding Machine Company, Detroit, Mich. Power operated typewriter. 2,104,007; Jan. 4.
- Bower, Raymond G., Bloomfield Hills, assignor to Burroughs Adding Machine Company, Detroit, Mich. Typewriter. 2,121,853; June 28.
- Bower Roller Bearing Company. (See Ortegren, Herman A., assignor.)
- Bower Roller Bearing Company. (See Zimmerman, Thomas, assignor.)
- Bower, Ward E., Washington, D. C. Apparatus for timing. 2,105,470; Jan. 18.
- Bowering, Allan G., Heuvelton, N. Y. Bait. 2,121,474; June 21.
- Bowers, Charles O., and A. C. Williams, assignors of one-third to S. H. Davis, Lansing, Mich. Brake mechanism. 2,104,702; Jan. 4.
- Bowers, Claude E. (See Warren, W. A., and Bowers.)
- Bowers, Frank. (See Howse, C. L., and Bowers.)
- Bowers, Frank. (See Snow, N. L., Thomas, Brelsford, Howse, and Bowers.)
- Bowers, Frank. (See Thomas, W. P., Bowers, and Cox.)
- Bowers, Frederick M., Chester, Pa. Headgear friction joint device for welding shields. Re. 20,790; July 12.
- Bowers, Frederick M., Chester, Pa. Filter glass holder. 2,105,071; Jan. 11.
- Bowers, Frederick M., Chester, Pa. Adjustable headband. 2,111,746; Mar. 22.
- Bowers, Frederick M., Chester, Pa. Headgear friction joint device for welding shields. 2,111,747; Mar. 22.
- Bowers, Herbert L., and R. Riley, Long Island City, assignors to The Permutit Company, New York, N. Y. Sterilizing water by chloramines. 2,112,476; Mar. 29.
- Bowers, Leverett T., assignor of one-half to E. C. Ryer, Pasadena, Calif. Bath appliance. 2,123,398; July 12.
- Bowers, Roy L. (See Lauer, C. J., and Bowers.)



- Bowersox, Joseph W., Kansas City, Mo., and S. J. Blaha, Hinsdale, Ill., assignors to Superior Felt and Bedding Company. Convertible couch. 2,120,663; June 14.
- Bowes, David P., Montreal, Quebec, Canada. Powder dispenser. 2,105,281; Jan. 11.
- Bowes Seal-Fast Corporation. (See Mullen, Thomas W., assignor.)
- Bowker, Reginald P., Sheffield, England. Device for the delivery of measured quantities of liquid. 2,114,587; Apr. 19.
- Bowland, Andrew, Mount Lebanon, Pa., assignor to William M. Bailey Company. Fluid valve. 2,125,253; July 26.
- Bowly, Walter D., Meriden, N. H. Stable film-forming material and making same. 2,108,001; Feb. 8.
- Bowly, Walter D., Jersey City, N. J., assignor to Egyptian Lacquer Manufacturing Company. Coated flexible sheet. 2,106,164; Jan. 25.
- Bowly, Walter D., Jersey City, N. J., assignor to Egyptian Lacquer Manufacturing Company. Lacquer. 2,120,236; June 14.
- Bowly, Walter D., assignor to Hercules Powder Company, Wilmington, Del. Adhesive. 2,138,137; Nov. 29.
- Bowles, Edward L., Wellesley Farms, Mass. Electric acoustic receiver. 2,130,414; Sept. 20.
- Bowles, Edward L., Wellesley Farms, and G. H. B. Smith, Jr., Boston, assignors to F. B. Hopewell, trustee, Newton, Mass. Electrodynamic apparatus. 2,112,264; Mar. 29.
- Bowles, John A. C. (See McFarlan, R. L., and Bowles.)
- Bowles, John A. C., Boston, and R. L. McFarlan, Marblehead, assignors to United Drug Company, Boston, Mass. Thermophoric composition. 2,118,586; May 24.
- Bowlus, Harold G., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of 3,3'-dichlorobenzidine mineral acid salts. 2,123,710; July 12.
- Bowman, Charles L., assignor to The Bowdill Company, Canton, Ohio. Cutter bar. 2,109,081; Feb. 22.
- Bowman, Charles L., assignor to The Bowdill Company, Canton, Ohio. Mining machine cutter bar. 2,109,082; Feb. 22.
- Bowman, Charles L., Canton, Ohio, assignor to The Bowdill Company. Mining machine chain lug. 2,118,878; May 31.
- Bowman, David E., assignor to Siphonator, Inc., Los Angeles, Calif. Combined siphon bottle and carbonator. 2,117,271; May 17.
- Bowman, Frederic C., assignor to A. R. Maas Chemical Co., Los Angeles, Calif. Phosphatovanadate and recovery of the same. 2,130,579; Sept. 20.
- Bowman, James W., Bellingham, Wash. Detachable shoe heel plate device. 2,104,289; Jan. 4.
- Bowman, John C., assignor to W. C. Bowman, Ocean Park, and E. Roy, Los Angeles, Calif. Forming commercial articles. 2,115,249; Apr. 26.
- Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine work support. 2,106,080; Jan. 18.
- Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Retaining creases in trousers. 2,110,644; Mar. 8.
- Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Needle driving mechanism for sewing machines. 2,112,531; Mar. 29.
- Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,113,107; Apr. 5.
- Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,129,402; Sept. 6.
- Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Crease retaining means for garments. 2,129,403; Sept. 6.
- Bowman-Manifold, Michael, Worpleston Station, assignor to Electric & Musical Industries Limited, Middlesex, England. Cathode ray tube. 2,108,523; Feb. 15.
- Bowman-Manifold, Michael, Worpleston Station, assignor to Electric & Musical Industries Limited, Middlesex, England. Television system. 2,137,262; Nov. 22.
- Bowman-Manifold, Michael, Worpleston Station, and R. E. Spencer, London, assignors to Electric & Musical Industries Limited, Middlesex, England. Oscillation generator. 2,125,732; Aug. 2.
- Bowman-Manifold, Michael, Worpleston Station, Surrey, and A. D. Blundell, Felling, assignors to Electric & Musical Industries Limited, London, England. Cathode ray tube apparatus. 2,132,933; Oct. 11.
- Bowman-Manifold, Michael, Worpleston Station, and W. S. Percival, Hunwell, assignors to Electric & Musical Industries Limited, Hayes, England. Television and the like transmission system. 2,137,798; Nov. 22.
- Bowman-Manifold, Michael, Worpleston Station, and E. C. Cork, Worcester Park, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television or the like transmission system. 2,140,102; Dec. 13.
- Bowman, Otto R. (See Boyland, D. W., Morain, and Bowman.)
- Bowman, Paul F., Searsdale, N. Y. Insulating window. 2,123,093; July 5.
- Bowman, Samuel G. (See Moorhouse, A., and Bowman.)
- Bowman, William C., et al. (See Bowman, John C., assignor.)
- Bown, Samuel, St. Louis County, assignor to International Shoe Company, St. Louis, Mo. Boot or shoe and making the same. 2,107,725; Feb. 8.
- Bown, Samuel, St. Louis County, assignor to International Shoe Company, St. Louis, Mo. Making shoes. 2,124,727; July 26.
- Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,130,482; Sept. 20.
- Bowne, Langford J., Howard Beach, F. R. Lamberty, Brooklyn, and R. L. Stokely, deceased, by G. M. Stokely, executrix, Floral Park, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,104,449; Jan. 4.
- Bowser, Norma G., San Leandro, Calif. Combination wheeled chair and crutch. 2,129,260; Sept. 6.
- Bowser, Percy L. (See Flammang, J., and Bowser.)
- Bowser, Percy L. (See Flammang, J., Bowser, and Ernst.)
- Bowser, Percy L. (See Flammang, J., Ernst, and Bowser.)
- Bowser, Percy L., University City, assignor to The Sterling Corporation, St. Louis, Mo. Lathe chuck. 2,119,004; May 31.
- Bowser, S. F., & Company. (See Carroll, William M., assignor.)
- Bowser, S. F., & Company. (See Griffith, Clement P., assignor.)
- Bowyer, Abbie G., assignor of one-fourth to S. E. Fouts, Los Angeles, Calif. Hair curler. 2,135,612; Nov. 8.
- Box Blank Corporation. (See Scheffey, George B., and Boxan, Walter. (See Rabe, K., and Boxan.)
- Boyce, Leonard D., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Control lever. 2,125,538; Aug. 2.
- Boyce, Leonard D., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor structure. 2,134,354; Oct. 25.
- Boyce, Leonard D., Maplewood, Mo. Crankcase ventilator. 2,139,801; Dec. 13.
- Boyce Thompson Institute for Plant Research, Inc. (See Hartzel, A., Wilcoxon, and Youden, assignors.)
- Boyce Thompson Institute for Plant Research, Inc. (See Zimmerman, P. W., and Hitchcock, assignors.)
- Boyce, William S., Chicago, Ill. Rail fastening. 2,140,891; Dec. 20.
- Boyd, Arthur C., Maywood, Ill. Injecting mechanism. 2,106,789; Feb. 1.
- Boyd, Carl C., Rock Island, Ill. Blowtorch and attachments. 2,121,728; June 21.
- Boyd, Charles R., Chicago, Ill. Spark plug. 2,106,449; Jan. 25.
- Boyd, Donald L. (See Dow, D. M., Boyd, and Burmeister.)
- Boyd, Gar. (See Miller, Clem, and Boyd.)
- Boyd, Herbert C., Austin, Minn. Ring combination. 2,119,039; May 31.
- Boyd, James T., Bogalusa, La.; N. L. Boyd, owner by decrees of court and by assignment. Pressure controlled apparatus. 2,118,029; May 24.
- Boyd, Leonard E., assignor of one-half to E. C. Street, Oakland, Calif. Packet. 2,115,699; May 3.
- Boyd, Nellie L. (See Boyd, James T., assignor.)
- Boyd, Percy E., Detroit, Mich. Safety mechanism for punch presses. 2,111,060; Mar. 15.
- Boyd, Percy E., Detroit, Mich. Safety clutch release for punch presses. 2,111,061; Mar. 15.
- Boyd, Randolph, Galva, Ill. Batten. 2,130,788; Sept. 20.
- Boyd, Robert C., Louisville, Ky., assignor to Standard Sanitary Manufacturing Company. Ball cock. 2,111,836; Mar. 22.
- Boyd, William P., deceased, Nashua, N. H.; R. B. Burnham, administrator, Machine and process for finishing mercerized cotton. 2,142,043; Dec. 27.
- Boye, James H., Chicago, Ill. Curtain fixture. 2,115,798; May 3.
- Boyer, Earl W., Pottsville, Pa. Nut lock. 2,105,401; Jan. 11.
- Boyer, John A., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making a boron carbide composition. 2,124,538; July 26.
- Boyer, John A., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and its manufacture. 2,137,200; Nov. 15.
- Boyer, John A., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and its manufacture. 2,137,201; Nov. 15.
- Boyer, John A., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and its manufacture. 2,137,320; Nov. 22.
- Boyer, John A., and C. G. Rose, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Hard carbide composition. 2,108,794; Feb. 22.
- Boyer, John A., and C. G. Rose, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Dense nonmetallic bodies. 2,109,246; Feb. 22.
- Boyer, John R., Beach City, Ohio. Display device. 2,125,268; Aug. 2.



- Boyer, Robert R., St. John, New Brunswick, Canada. Apparatus for preparing bandages. 2,112,759; Mar. 29.
- Boyer-Schultz Corporation. (See Gideon, Victor W., assignor.)
- Boyer, Tanner E., Bell, assignor of one-half to L. P. Stockman, Los Angeles, Calif. Wiper packing gland. 2,126,366; Aug. 9.
- Boykin, Christopher C., Norfolk, Va. Seed planter. 2,111,485; Mar. 15.
- Boykow, Bianca, et al., heirs. (See Boykow, Johann M.)
- Boykow, Erika, et al., heirs. (See Boykow, Johann M.)
- Boykow, Johann M., et al., heirs. (See Boykow, Johann M.)
- Boykow, Johann M., Berlin-Lichterfelde-West, assignor, by mesne assignments, to Deutsche Luftfahrt-und Handels-Aktien-Gesellschaft, Berlin, Germany. Instrument for indicating navigational factors. 2,109,283; Feb. 22.
- Boykow, Johann M., deceased, Berlin-Lichterfelde, by B. E., and J. M. Boykow, Bad Wiessee, Bavaria, sole heirs, assignors to Deutsche Luftfahrt-und Handels-Aktien-gesellschaft, Berlin, Germany. Navigational instruments. 2,130,224; Sept. 13.
- Boyle, A. S., Company, The. (See Esselen, Gustavus J., assignor.)
- Boyle, Clete L., Detroit, Mich. Soldering solution. 2,117,649; May 17.
- Boyle, Clete L., Detroit, Mich. Rust inhibiting composition. 2,127,202; Aug. 16.
- Boyle, Harold A., Overland Park, Kans. Self retaining gasket. 2,109,522; Mar. 1.
- Boyle, James C., Cincinnati, Ohio. Dispensing cap. 2,107,324; Feb. 8.
- Boyle, James F., Teaneck, N. J. Valve mechanism. 2,110,195; Mar. 8.
- Boyle, James F., Teaneck, and E. F. Glover, West New York, N. J. Treating containers. 2,127,548; Aug. 23.
- Boyle, John, Jr., et al. (See Orisson, Kelvin T., assignor.)
- Boyle, Thomas F. (See Pate, Walker M., assignor.)
- Boyle, William J., New York, N. Y. Combined bed table and book holder. 2,134,810; Nov. 1.
- Boylan, David W., assignor to The General Paint Corporation, San Francisco, Calif. Pipe coating ironer. 2,132,391; Oct. 11.
- Boylan, David W., assignor to The General Paint Corporation, San Francisco, Calif. Pipe coating apparatus. 2,133,014; Oct. 11.
- Boylan, David W., San Francisco, Calif., and C. F. Morain, Youngstown, Ohio, assignors to General Paint Corporation, San Francisco, Calif. Pipe coating apparatus. 2,133,013; Oct. 11.
- Boylan, David W., San Francisco, Calif., C. F. Morain, Youngstown, Ohio, and O. R. Bowman, Chicago, Ill., assignors to The General Paint Corporation, San Francisco, Calif. Pipe lining or coating machine. 2,133,015; Oct. 11.
- Boyer, George S., Peterborough, Ontario, Canada. Locomotive draft chamber. 2,105,716; Jan. 18.
- Boyles, Frank M. (See Frommuller, D., and Boyles.)
- Boynton, Alexander, San Antonio, Tex. Method of and apparatus for lifting fluid. 2,104,008; Jan. 4.
- Boynton, Arthur J., assignor to H. A. Brassett & Company, Chicago, Ill. Furnace and the operation thereof. 2,126,724; Aug. 16.
- Boynton, Eugene W., Muscatine, Iowa. Apparatus for producing metallic shot. 2,114,209; Apr. 12.
- Boynton, William H., Berkeley, Calif. Hog cholera vaccine and production. 2,114,588; Apr. 19.
- Boysen, Friedrich, Stuttgart/Heumaden, assignor to the firm J. Eberspächer, G. m. b. H., Esslingen-on-the-Necker, Germany. Device for extinguishing the flame and deadening the noise of the exhaust gases in internal combustion engines. 2,125,712; Aug. 2.
- Boysen, John A., Rutherford, N. J., assignor to Robert Reis & Co., New York, N. Y. Undergarment. 2,128,876; Aug. 30.
- Bozalina, Henry F., Houston, Tex. Roofing. 2,138,320; Nov. 29.
- Bozeman, John F., assignor of one-half to J. L. Johnston, Houston, Tex. Releasable fishing tool. 2,123,036; July 5.
- Bozung, Clarence J., Greenville, Mich. Picture frame. 2,113,871; Apr. 12.
- Braband, Carl, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Arc discharge apparatus. 2,128,117; Aug. 23.
- Brabbée, Charles W., Tuckahoe, and B. Goerg, Bronxville, assignors to American Radiator Company, New York, N. Y. Boiler. 2,141,123; Dec. 20.
- Brabender, George J., Wausau, assignor to Marathon Paper Mills Company, Rothschild, Wis. Wrapping paper. 2,117,237; May 10.
- Brace, Edwin T., Springfield, Ohio. Ice cream freezer. 2,116,924; May 10.
- Brace, Kemper P., Brooklyn, N. Y. Absorber type refrigerating system with boiler feed. 2,123,708; July 12.
- Brace, Kemper P., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Control. 2,106,450; Jan. 25.
- Brace, Kemper P., and R. B. P. Crawford, Washington, D. C. Jet refrigerating system with osmotic pump. 2,104,847; Jan. 11.
- Brace, Kemper P., and R. B. P. Crawford, Washington, D. C. Circulating fluids. 2,116,958; May 10.
- Brace, Kemper P., and R. B. P. Crawford, Washington, D. C. Air conditioning system. 2,120,883; June 14.
- Brace, Kemper P., and R. B. P. Crawford, Washington, D. C. Reversed cycle heating system. 2,135,742; Nov. 8.
- Brace, Porter H. (See Keyes, J. J., and Brace.)
- Bracewell, Russell S., South Hadley, Mass. Method and apparatus for coating paper and the like. 2,120,060; Sept. 13.
- Brach, Leon S., East Orange, N. J. Attachment plug. 2,112,137; Mar. 22.
- Brach, Leon S., East Orange, N. J. Over-voltage protective device. 2,124,364; July 19.
- Brack, Paul G., Somerville, Mass. Fire alarm signaling system. 2,111,237; Mar. 15.
- Bracke, Robert F., Chicago, Ill. Fuel feeding system. 2,131,036; Sept. 27.
- Bracke, Robert F., Chicago, Ill. Carburetor. 2,138,020; Nov. 29.
- Bracke, Robert F., Chicago, Ill. Carburetor. 2,138,590; Nov. 29.
- Bracke, Robert F., Chicago, Ill. Carburetor. 2,138,591; Nov. 29.
- Bracke, Robert F., Chicago, Ill. Carburetor. 2,138,592; Nov. 29.
- Bracken, Wallace H., Milton Point, Rye, N. Y., assignor to Hartmann Trunk Company, Racine, Wis. Garment container necktie rack. 2,129,905; Sept. 13.
- Bracken, Wallace H., Rye, N. Y., assignor to Hartmann Trunk Company, Racine, Wis. Container closure flap. 2,136,669; Nov. 15.
- Brackenbury, Aloysius G., London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,132,934; Oct. 11.
- Brackensee, Auguste H., assignor of one-half to The Franco-British Electrical Company Limited, London, England. Control of electric discharge tubes. 2,138,335; Nov. 29.
- Brackett, Clare L. (See Stoll, Albert, assignor.)
- Brackett, Fred M. (See Daneke, Dietrich, assignor.)
- Brackett, Frederick S., Chevy Chase, Md., assignor to Research Corporation, New York, N. Y. Light projecting system. 2,131,852; Oct. 4.
- Brackett, Newell, Philadelphia, Pa. Dry graphite lubricated fabric packing. 2,134,324; Oct. 25.
- Brackett, Tracy F., assignor to General Motors Corporation, Detroit, Mich. Sanding machine. 2,108,193; Feb. 15.
- Bradbury, Albert W., Cliftondale, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and outsole therefor. 2,114,700; Apr. 19.
- Bradbury, Albert W., Cliftondale, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe. 2,128,282; Aug. 30.
- Bradbyer, Myron W., Hammond, Ind. Building block mold and forming faced building units. 2,124,759; July 26.
- Braden, Elmer A., Springfield, Ill. Metallic truss beam and joint therefor. 2,136,071; Nov. 8.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic fidelity control circuit. 2,104,788; Jan. 11.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Electric discharge tube. 2,108,880; Feb. 22.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. High frequency amplifier. 2,112,065; Mar. 22.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Radio receiving system for microwaves. 2,112,822; Apr. 5.
- Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic fidelity control circuits. 2,113,395; Apr. 5.
- Braden, Rene A., New York, N. Y., assignor to Radio Corporation of America. Tuned radio frequency amplifier. 2,115,694; Apr. 26.
- Braden, William C., assignor of one-half to T. S. Pates, Brooklyn, N. Y. Variable speed transmission. 2,135,274; Nov. 1.
- Bradfield, George K., Jr., Hackensack, N. J., assignor to American Car and Foundry Company, New York, N. Y. Reclining seat mechanism. 2,112,265; Mar. 29.
- Bradfield, George K., Jr., Hackensack, N. J., assignor to American Car and Foundry Company, New York, N. Y. Locking mechanism for Venetian blinds. 2,115,796; May 3.
- Bradford, Clyde, and O. T. Scollon, Saint Benedict, assignors to R. Peale, Clearfield, Pa., W. S. Davies, New York, N. Y., and W. B. Oakes, Rutherford, N. J., as trustees. Mechanism for separating intermixed divided materials. 2,104,922; Jan. 11.
- Bradford Dyers' Association, Limited. (See Bowen, H. H., and Majerus, assignors.)
- Bradford, Frederick H., La Grange, Ill. Feed water control. 2,138,903; Dec. 6.
- Bradford, L. C., et al. (See Johnston, Clarence S., assignor.)
- Bradford, Raymond C., Hamden, Conn., assignor to American Telephone and Telegraph Company. Combined telephone and fire alarm system. 2,121,282; June 21.
- Bradford, William D., assignor to Barium Stainless Steel Corporation, Canton, Ohio. Furnace. 2,137,892; Nov. 22.



- Brady, Alexander R. (See Hosking, H. J., and Brady.)  
 Brading, Thomas H., et al. (See Montambo, Samuel T.)  
 Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Apparatus for making wire products. 2,107,745; Feb. 8.  
 Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Bale tie package. 2,124,503; July 19.  
 Bradley, Charles H. (See Howie, A., and Bradley, assignors.)  
 Bradley, Francois C., Union, Miss. Eyeglass repair device. 2,124,903; July 26.  
 Bradley, Eric H., Spring Lake, Mich., and W. H. D. Brouse, Toronto, Ontario, Canada, assignors to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Housing for liquid dispensing apparatus. 2,141,124; Dec. 20.  
 Bradley, Fred J. (See Willers, Carl J. W., assignor.)  
 Bradley, Frederick W. (See Gravesen, Carl C., assignor.)  
 Bradley, Guy H. (See Klopsch, O. Z., and Bradley.)  
 Bradley, Guy H., Royal Oak, and G. E. Clifford, assignors to Wolverine Tube Company, Detroit, Mich. Plug for drawing tubes. 2,139,539; Dec. 6.  
 Bradley, John J., Cranford, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Submerged centrifugal pump. 2,138,997; Dec. 6.  
 Bradley, Leo C. (See Skinner, C. D., and Bradley.)  
 Bradley, Milton, Company. (See Fiondella, Jean A., assignor.)  
 Bradley, Raymond. (See Phelps, G. W., Bradley, and Pierie, assignors.)  
 Bradley, Richard C., Brooklyn, assignor to Reconstruction Finance Corporation, New York, N. Y. Register with preset trip mechanism. 2,137,013; Nov. 15.  
 Bradley, Robert A., St. Catharines, Ontario, Canada. Culvert. 2,115,190; Apr. 26.  
 Bradley, Vaughn A. (See Wagner, Frank C., assignor.)  
 Bradley Washfountain Company. (See Mullett, Howard A., assignor.)  
 Bradner, Donald B., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Method of and machine for drying or conditioning webs of paper and the like. 2,130,665; Sept. 20.  
 Bradshaw, Charles E., assignor of one-third to C. Martin, Wellville, Va. Fifth wheel construction for trailers. 2,129,989; Sept. 15.  
 Bradshaw, Charles E., assignor of one-third to C. Martin, Wellville, Va. Trailer construction. 2,134,595; Oct. 25.  
 Bradshaw, Edwin G., assignor to Wells-Gardner & Company, Chicago, Ill. Dial tuning device. 2,130,836; Sept. 20.  
 Bradshaw, Hamilton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,104,070; Jan. 4.  
 Bradshaw, James B. (See Erickson, Prentis E., assignor.)  
 Bradshaw, Robert S., et al. (See Jacobson, James H., assignor.)  
 Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich. Cellulose ether purification. 2,104,017; Jan. 4.  
 Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich. Purification of cellulose ethers. 2,118,663; May 24.  
 Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich. Cellulose ether purification. 2,118,664; May 24.  
 Bradshaw, William M., Summit, N. J., and E. G. Johanson, Watertown, Mass., assignors of one-half to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., and one-half to The Palmer Electric & Manufacturing Company, Waltham, Mass. Watthour meter. 2,118,587; May 24.  
 Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,128,283; Aug. 30.  
 Bradt, Charles H., and W. J. Higgins, Groton, assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Toggle stop device. 2,137,263; Nov. 22.  
 Bradt, Harry, et al. (See La Londe, Moses, assignor.)  
 Bradwell, Robert H., assignor to Polly Prentiss, Inc., Sumter, S. C. Machine for producing spaced groups of tufts on fabric. 2,104,634; Jan. 4.  
 Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Co., St. Louis, Mo. Laminated material. 2,106,867; Feb. 1.  
 Brady, Charles V. (See Young, C. T., and Brady.)  
 Brady, David R., Detroit, Mich. Shoe fitting indicator. 2,126,608; Aug. 9.  
 Brady, Frank C., Chicago, Ill. Stereopticon slide and projection apparatus therefor. 2,108,844; Feb. 22.  
 Brady, Frank W., assignor to Wesco Machinery Manufacturing Co., San Francisco, Calif. Iceing containers. 2,123,878; July 19.  
 Brady, Merrill K., Kirkwood, N. J. Draft regulator. 2,133,803; Oct. 18.  
 Brady, Myrl W., Tarentum, Pa. Axle housing and wheel alignment gauge. 2,108,743; Feb. 15.  
 Brady, William N. (See Ruckdeschel, E. C., and Brady.)  
 Bragg, Alfred O., Jersey City, assignor to Ruchne Chemical Company, Elizabeth, N. J. Bleaching cellulose. 2,119,519; June 7.  
 Bragg, Caleb S., Palm Beach, Fla. Brake drum. 2,126,945; Aug. 16.  
 Bragg, Caleb S., Palm Beach, Fla., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch controlling mechanism. 2,104,731; Jan. 11.  
 Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, Port Washington, assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y. Clutch control mechanism. 2,109,099; Feb. 22.  
 Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, South Bend, Ind. Brake. 2,134,502; Oct. 25.  
 Bragg-Kliesrath Corporation. (See Bragg, Caleb S., assignor.)  
 Bragg-Kliesrath Corporation. (See Bragg, C. S., and Kliesrath, assignors.)  
 Bragg-Kliesrath Corporation. (See Pike, Henry L., assignor.)  
 Bragg-Kliesrath Corporation. (See Kliesrath, Victor W., assignor.)  
 Bragg-Kliesrath Corporation. (See Kliesrath, V. W., and Sanford, assignors.)  
 Bragulat, Jose M. (See Bardaji, Teodoro B., assignor.)  
 Brahlin, Herman. (See Raiziss, G. W., and Brahlin.)  
 Brailsford, Joseph D. (See Rust, N. M., and Brailsford.)  
 Brailsford, Joseph D., London, England, assignor to Radio Corporation of America. Cathode heating circuits. 2,139,716; Dec. 13.  
 Brainard, Frank W., et al. (See Crum, Roland R., assignor.)  
 Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Card index panel and card carrier combination. 2,124,904; July 26.  
 Brainard, Seymour W. (See Lewis, E. V., and Brainard.)  
 Braker, William. (See Lott, W. A., and Braker.)  
 Braman, Verne T. (See Caldwell, R. H., and Braman.)  
 Brame, Allen J., assignor to Dalmo Sales Corporation, San Francisco, Calif. Release and holder for hair curlers. 2,112,138; Mar. 22.  
 Bramer, John R., Brooklyn, N. Y. Advertising or display apparatus. 2,135,207; Nov. 1.  
 Brammer, Frederick G., North Olmstead, Ohio. Protection from marine parasites. 2,138,831; Dec. 6.  
 Bramnick, Jacob M., Philadelphia, Pa. Net canopy for baby carriages. 2,129,080; Sept. 6.  
 Bramsen, Svend, and F. Wahlin, assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun for spraying fabrics. 2,107,686; Feb. 8.  
 Bramsen, Svend, and F. Wahlin, assignors to Binks Manufacturing Company, Chicago, Ill. Spray gun. 2,107,726; Feb. 8.  
 Branch, James S., Lacrosse, Wash. Three-drill tractor hitch. 2,142,016; Dec. 27.  
 Branch, Leslie E. T. (See Albrecht, Hermann F., and Branch.)  
 Branch, Leslie W., Hilo, Hawaii. Two-way telephone repeater. 2,118,697; May 24.  
 Brand, Albert, Munich, Germany. Ampule. 2,127,203; Aug. 16.  
 Brand, G. Douglas. (See Ryan, Maurice L., assignor.)  
 Brand, Horace L., Chicago, Ill. Fluid dispensing apparatus and observing means therefor. 2,114,520; Apr. 19.  
 Brand, Josef, Duisburg-Hamborn, Germany. Elastic pipe connection for low tension working pressure or vacuum. 2,112,266; Mar. 29.  
 Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Check sorting machine with card punching attachment. 2,131,912; Oct. 4.  
 Brand, Samuel. (See Fuller, F. L., and Brand.)  
 Brand, Smart. (See Bachelet, A. E., and Brand.)  
 Brand, William T., Mitchell, Nebr. Device for melting honey cappings. 2,111,748; Mar. 22.  
 Brand, William T., Mitchell, Nebr. Honey uncapping machine. 2,139,298; Dec. 6.  
 Brandaleone, Rose, et al. (See Woodruff, Byron C., assignor.)  
 Brandegee, Morris M., Plainfield, and C. E. Hemminger, Westfield, N. J., assignors to Combustion Utilities Corporation, New York, N. Y. Gas making apparatus. 2,131,696; Sept. 27.  
 Brandel, Louis P., et al. (See Flury, William J., assignor.)  
 Brandenburg, Harry J., Glendora, assignor of sixty-five per cent to F. E. Wood, W. G. Carter, J. B. Seem, and W. J. Bailey, Monrovia, Calif. Transverse fruit brusher. Re. 20,861; Sept. 20.  
 Brandenburg, Julius, New York, N. Y. Folding chair. 2,137,799; Nov. 22.  
 Brandenberger, Jacques E., Bezons, France, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic tubular structures. 2,138,568; Nov. 29.  
 Brandes, Dedrick H., White Plains, N. Y. Position signaling device. 2,130,260; Sept. 13.  
 Brandford, Iver M., Helena, Mont. Building construction. 2,110,787; Mar. 8.  
 Brandt, Albert G., Cincinnati, Ohio. Photographic print washer. 2,141,162; Dec. 27.  
 Brandt, David G., Westfield, assignor, by mesne assignments, to Power Patents Company, Jersey City, N. J. Process and apparatus for pressure distillation. Re 20,951; Dec. 20.



- Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Cracking gasoline. 2,108,762; Feb. 15.
- Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Cracking of petroleum oil. 2,111,354; Mar. 15.
- Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Removing asphalt from asphalt base oils. 2,121,517; June 21.
- Brandt, Edgar. (See Schenk, Edouard H., assignor.)
- Brandt, Edgar W., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets, Fribourg, Switzerland. Projectile for smooth bore weapons. 2,113,313; Apr. 5.
- Brandt, Edgar W., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets, Fribourg, Switzerland. Projectile. 2,115,608; Apr. 26.
- Brandt, Francis L., Wakefield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching heels to shoes. 2,110,948; Mar. 15.
- Brandt, Francis L., Wakefield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the heel-ports of shoes. 2,110,949; Mar. 15.
- Brandt, Francis L., Wakefield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and manufacturing the same. 2,114,993; Apr. 26.
- Brandt, Francis L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 2,135,656; Nov. 8.
- Brandt, George T., Los Angeles, Calif. Cigarette snuff-out holder. 2,122,713; July 5.
- Brandt, Harry E., and A. Sorensen, assignors to Dobbins Manufacturing Company, North St. Paul, Minn. Hand operated seeder. 2,123,450; July 12.
- Brandt, Henry E., North St. Paul, Minn. Spraying apparatus. 2,111,961; Mar. 22.
- Brandt, John, assignor to Salerno Machinery Company, Chicago, Ill. Mechanism for depositing confections on wafers. 2,115,799; May 3.
- Brandt, John, assignor to Salerno Machinery Company, Chicago, Ill. Conveyer for feeding trays. 2,139,877; Dec. 13.
- Brandt, John W., and A. J. Linder, assignors to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 2,107,561; Feb. 8.
- Brandt, Robert J., Los Angeles, Calif. Electrode release for arc lamps. 2,122,195; June 28.
- Brandt, Thomas F., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Pothead. 2,117,696; May 17.
- Brandt, Thomas F., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Pothead. 2,117,697; May 17.
- Brandt, Thomas F., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. High current bushing. 2,135,321; Nov. 1.
- Brandt, William A., assignor to D. C. Shepard, St. Paul, Minn. Container. 2,139,326; Dec. 6.
- Brantjen and Kluge, Inc. (See Kluge, Abel and E., assignors.)
- Brandwein, A., & Co. (See Schindler, Frank N., assignor.)
- Brandwein, Edward G., assignor to Crystal Tube Mfg. Co., Chicago, Ill. Container for cigars or the like. 2,106,475; Jan. 25.
- Brandwood, John, Birkdale, Southport, England. Production of folded textile threads. 2,137,264; Nov. 22.
- Brandwood, Joseph, Southport, England. Treatment of textile materials. 2,127,638; Aug. 23.
- Bransky, David W., assignor to Standard Oil Company, Chicago, Ill. Apparatus for concentrating sulphuric acid. 2,140,070; Dec. 13.
- Brant, Gilbert W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of glycerol. 2,120,227; June 14.
- Brantington, Sigurd, Palisades Park, N. J., assignor to Francis Keil & Son, Inc. Lock construction. 2,135,322; Nov. 1.
- Brantington, Sigurd, Palisades Park, N. J., assignor to Francis Keil & Son, Inc. Lock construction. 2,135,323; Nov. 1.
- Brantly, John E., Birmingham, Ala., assignor to Drilling and Exploration Company, Inc., Dover, Del. Control apparatus for drilling wells. 2,133,016; Oct. 11.
- Brantly, John E., Avenal, Calif., and J. M. Shimer, assignors to Oil Well Supply Company, Dallas, Tex. Rotary well drilling unit. 2,115,297; Apr. 26.
- Brantly, John E., Avenal, Calif., and J. M. Shimer, assignors to Oil Well Supply Company, Dallas, Tex. Rotary drilling apparatus. 2,133,017; Oct. 11.
- Branune, Carl, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Apparatus for automatically loading and unloading aerial conveyers. 2,141,125; Dec. 20.
- Braren, Cornelius I. (See Kimball, W. D., and Braren.)
- Braren, Cornelius I. (See Kimball, W. D., Braren, and Schaefer.)
- Brasco Manufacturing Company. (See Bosshard, John J., assignor.)
- Brase, George, North Fork, Calif. Device for opening garage doors. 2,124,342; July 19.
- Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Incandescent electric lamp. 2,106,689; Jan. 25.
- Brasher, William P., assignor of four-ninths to G. Jowitt and one-ninth to R. S. Cohen, Augusta, Ga. Hydraulic scale. 2,109,460; Mar. 1.
- Brassart, Otto. (See Heimsch, K. D., and Brassart.)
- Brassert, H. A., & Company. (See Boynton, Arthur J., assignor.)
- Brassert, H. A., & Company. (See Kinney, S. P., and Dougan, assignors.)
- Brassert, H. A., & Co. Limited. (See Röchling, H., and Johannsen, assignors.)
- Bratasianu, Constantin P., Craiova, Rumania. Manufacturing cast iron and other materials. 2,124,905; July 26.
- Bratasianu, Constantin P., Craiova, Rumania. Special retort and apparatus for refining raw materials in solid, liquid, vapor, and gaseous form. 2,138,321; Nov. 29.
- Brate, Charlotte, Albany, N. Y. Stationery. 2,114,130; Apr. 12.
- Bratting, Kurt, Berlin, Germany, assignor to International Containers Limited, London, England. Process and apparatus for the production of hollow bodies from cellulose product and other plastic masses. 2,114,794; Apr. 19.
- Bratt, Donald, Goteborg, Sweden. Lock nut. 2,127,153; Aug. 16.
- Brattain, Paul L., Azusa, Calif. Self locking bumper coupling. 2,127,387; Aug. 16.
- Bratten, Phillip M., Fort Worth, Tex., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,711; Jan. 4.
- Bratton, Ulysses S., Jr. (See Brintnall, Frank W., assignor.)
- Bratz, Otto J., Adrian, Mich., assignor, by mesne assignments, to American Chain & Cable Company, Inc. Providing stranded structures with fittings. 2,137,712; Nov. 22.
- Brauer, Arthur J. (See Wagner, Frederick P., assignor.)
- Brauer, Herman G., Polk, Nebr. Burial vault. 2,110,788; Mar. 8.
- Brauer, Oscar F., Lakewood, assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Loading apparatus. 2,139,667; Dec. 13.
- Brauer, Ralph H. (See Collee, Donald D., assignor.)
- Brauer, Walter, Oklahoma City, Okla. Drilling control mechanism. 2,117,078; May 10.
- Braun, Alfred, assignor to Felten & Guillaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Distance holder for electric signaling cables. 2,109,817; Mar. 1.
- Braun, Carl, Inc. (See Williams, Lester J., assignor.)
- Braun, Edmund R., Elmwood Park, Ill. Card holder. 2,124,025; July 19.
- Braun, Frank I. (See Holston, William H., assignor.)
- Braun, Géza, assignor to Standard Brands Incorporated, New York, N. Y. Processes of obtainment of the lactam of glutamic acid. 2,112,329; Mar. 29.
- Braun, Gustav F. (See Langley, S. G., Braun, and Smith.)
- Braun, John L., Tonawanda, and K. S. Shickluna, assignors of one-third to F. C. Bonti, Buffalo, N. Y. Traffic signal. 2,107,930; Feb. 8.
- Braun, Karl. (See Will, Curt.)
- Braun, Karl J., Ridgewood, assignor to Remington Rand Inc., Buffalo, N. Y. Multicontact plug. 2,124,182; July 19.
- Braun, Matthäus, Frankfurt-on-the-Main, Germany. Coping of seamless tubes. 2,121,393; June 21.
- Braun, Matthäus, Frankfurt-on-the-Main, Germany. Method of and furnace for coating pipes with metal. 2,141,163; Dec. 27.
- Braun, Oskar. (See Paquin, M., and Braun.)
- Braun, Philip N., and E. Davis, assignors to The Prosperity Company Inc., Syracuse, N. Y. Garment or ironing press. 2,105,938; Jan. 18.
- Braun, Simon, New Rochelle, N. Y. Upholsterer's spring. 2,125,987; Aug. 9.
- Braun, Sylvan, and F. P. Hess, assignors to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Food chopper. 2,106,626; Jan. 25.
- Braun, William F. H., Wynnewood, assignor to Pennsylvania Lawn Mower Works, Primos, Pa. Lawn mower. 2,119,874; June 7.
- Braune, Carl, Worcester, Mass., and E. J. Reardon, East Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Tractor type carriage. 2,132,558; Oct. 11.
- Brauning, Karl A. (See Lowe, C. B., and Brauning.)
- Brauning, Karl A., assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Lock. 2,112,982; Apr. 5.
- Braunschweig, Fred, Milton Junction, assignor to W. Tripke, Milton Township, Wis. Teeter totter. 2,109,897; Mar. 1.
- Braunsdorf, Otto. (See Eckert, W., and Braunsdorf.)
- Braunschweiger, Paul G., assignor to The Troy Sunshade Company, Troy, Ohio. Umbrella. 2,130,294; Sept. 13.
- Brautigam, Otto G., Jersey City, N. J., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine. 2,122,554; July 5.
- Braverman, Shelley, assignor to Continental Research Corporation, Flushing, N. Y. Comb. 2,119,939; June 7.
- Bravi, Eugenio, assignor to Società An. Finanziaria Fiammiferi ed Affini, Milan, Italy. Manufacture of match books. 2,117,281; May 17.



- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of oils. 2,106,234; Jan. 25.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Insecticides and spray oils. 2,111,581; Mar. 22.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. De-waxing oils. 2,119,733; June 7.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of oil. 2,120,209; June 7.
- Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Emulsion and producing same. 2,130,535; Sept. 20.
- Bray, Ulric B., Palos Verdes Estates, and M. S. Reynolds, San Pedro, assignors to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for coating and protecting metallic objects such as pipes, tanks, and the like from corrosion or other injury. 2,135,208; Nov. 1.
- Bray, Ulric B., and L. B. Beckwith, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Emulsion and producing the same. 2,137,226; Nov. 22.
- Bray, William N., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Heating apparatus suitable for use in shoemaking. 2,107,365; Feb. 8.
- Bray, William N., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole machine. 2,134,100; Oct. 25.
- Bray, William N. (See Ricks, F., and Bray.)
- Brayer Brothers Construction Corporation. (See Brayer, Edward H., assignor.)
- Brayer, Edward H., assignor to Brayer Brothers Construction Corporation, Buffalo, N. Y. Meter. 2,116,777; May 10.
- Brayer, Edward H., assignor to Brayer Brothers Construction Corporation, Buffalo, N. Y. Metering apparatus. 2,116,778; May 10.
- Brayton, Harold M., Westfield, N. J. Bomb nose fuse. 2,131,037; Sept. 27.
- Brazel, Frank W., Detroit, Mich. Roller skate. 2,137,330; Nov. 22.
- Brazell, John J., Baldwinville, and C. A. Brosnan, Worcester, assignors to E. L. Thompson Chair Corporation, Baldwinville, Mass. Tray fastening device. 2,108,472; Feb. 15.
- Breckevelt, Julius, Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Panel mounting. 2,126,167; Aug. 9.
- Brearley Company, The. (See Benedict, Erwin E., assignor.)
- Brecht, Friedrich L., San Francisco, Calif. Dental bridge lock. 2,127,285; Aug. 16.
- Brecht, Winston A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway locomotive. 2,128,072; Aug. 23.
- Breck, Gertrude O., Springfield, Mass. Bib. 2,114,589; Apr. 19.
- Breckenridge, Francis C., Washington, D. C. Airplane running light. 2,121,783; June 28.
- Bredereck, Hellmut, Leipzig, assignor to G. Henning, Chem. pharm. Werk G. m. b. H., Berlin-Tempelhof, Germany. Manufacture of nucleosides by fermentation. 2,130,061; Sept. 13.
- Bredouw, Homer L., Kansas City, Mo. Sounding apparatus. 2,134,025; Oct. 25.
- Bredtschneider, Walter, Berlin, Germany. Indirect generating of superheated steam. 2,107,101; Feb. 1.
- Breed, Charles W., Western Springs, and G. R. Burkhardt, Chicago, Ill. Adjustable rail brace. 2,139,930; Dec. 13.
- Breedlove, Harry B., Memphis, Tenn. Suppressing interference in radio reception. 2,101,635; Jan. 4.
- Breeler, Walter R., Troy, assignor to Ludlum Steel Co., Watervliet, N. Y. Alloy. 2,127,245; Aug. 16.
- Breer, Carl, Grosse Pointe Park, assignor to Chrysler Corporation, Highland Park, Mich. Weatherstrip. 2,121,854; June 28.
- Breer, Carl, Grosse Pointe Park, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle body element. 2,127,323; Aug. 16.
- Breer, Carl, Grosse Pointe Park, assignor to Chrysler Corporation, Detroit, Mich. Power transmission. 2,139,717; Dec. 13.
- Breer, Carl, assignor to Chrysler Corporation, Detroit, Mich. Clutch. 2,133,419; Oct. 18.
- Breer, Carl, Grosse Pointe Park, A. G. Herreshoff, Grosse Pointe Village, O. H. Clark, Detroit, and R. Cadwallader, assignors to Chrysler Corporation, Highland Park, Mich. Motor vehicle body. 2,113,075; Apr. 5.
- Breer, Carl, Grosse Pointe Park, A. G. Herreshoff, Grosse Pointe Village, O. H. Clark, Detroit, and R. Cadwallader, assignors to Chrysler Corporation, Highland Park, Mich. Motor vehicle body. 2,115,903; May 3.
- Breer, Carl, Grosse Pointe Park, C. C. Goode, Birmingham, and V. W. Sherman, assignors, by mesne assignments, of one-half to Chrysler Corporation, Detroit, Mich., and one-half to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vehicle electric power supply system. 2,117,141; May 10.
- Breerwood, Charles H., Narberth, Pa., assignor to Separation Process Company. Flotation of carbonaceous ores. 2,130,574; Sept. 20.
- Breese, James L., Jr., Santa Fe, N. Mex. Oil burning appliance. 2,134,297; Oct. 25.
- Breese, Robert P., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,134,503; Oct. 25.
- Breeze Corporation. (See Mascuch, Joseph J., assignor.)
- Breeze Corporation, Inc. (See Billig, Jacob and P. J., assignors.)
- Breeze Corporation, Inc. (See Gardner, Frank G., assignor.)
- Bregman, Harry, assignor to The Steel Stamping Company, Lorain, Ohio. Vehicle. 2,115,609; Apr. 26.
- Bregman, Sophia, et al. (See Woodruff, Byron C., assignor.)
- Breguet, Louis, assignor to Societe Anonyme des Ateliers d'Aviation Louis Bréguet, Paris, France. Gyroplane. 2,122,928; July 5.
- Brehm, Paul H., Kent, Ohio, assignor to Automatic Drive Transmission Company, Gloucester City, N. J. Automatic clutch. 2,141,164; Dec. 27.
- Breidenbach, Walter A., St. Louis, Mo. Cutting tool. 2,109,686; Mar. 1.
- Breidenbaugh, Christian P. (See Turner, J. F., and Breidenbaugh.)
- Breinlinger, Karl H. (See Weinlich, H. A., and Breinlinger.)
- Brelsford, Harry E. (See Howse, C. L., Brelsford, Cox, and Thomas.)
- Breitenstein, Albert F., assignor to The Geometric Tool Company, New Haven, Conn. Chaser-holder for thread-cutting tools. 2,119,984; June 7.
- Breitenstein, Albert F., assignor to The Geometric Tool Company, New Haven, Conn. Automatic-releasing thread-cutting tool. 2,135,067; Nov. 1.
- Breitenstein, Charles J., assignor to R. T. Moloney, Chicago, Ill. Jamproof check ejector. 2,132,229; Oct. 4.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Game. 2,109,410; Feb. 22.
- Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Ball rolling game. 2,123,823; July 12.
- Breitenstein, Victor W., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Thermal controlling device. 2,138,593; Nov. 29.
- Breitling, Ernst. (See Lehmann, K. A., and Breitling.)
- Breitling, Ernst, Berlin-Tempelhof, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash registers, accounting and the like machines. 2,109,309; Feb. 22.
- Breitling, Ernst, Berlin-Tempelhof, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Totalizer engagement control device. 2,119,841; June 7.
- Breitling, Ernst, Berlin-Tempelhof, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register, accounting, and the like machine. 2,139,718; Dec. 13.
- Breitling, Ernst, Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,111,909; Mar. 22.
- Breitling, Ernst, Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register, accounting, and the like machines. 2,116,779; May 10.
- Breitling, Ernst, Essen-on-the-Ruhr, Germany, assignor by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Bookkeeping machine. 2,120,390; June 14.
- Breitling, Ernst, Berlin-Tempelhof, and J. Patzelt, Berlin, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Cash register, accounting, and the like machine. 2,110,903; Mar. 15.
- Breitling, Ernst, and E. Wagner, Berlin, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 2,139,719; Dec. 13.
- Breitmann, Leo S., Paris, France, assignor to Pyrene Manufacturing Company, Newark, N. J. Fluid container. 2,109,966; Mar. 1.
- Brelsford, Harry E. (See Howse, C. L., and Brelsford.)
- Brelsford, Harry E. (See Snow, S. L., Thomas, Brelsford, Howse, and Bowers.)
- Brelsford, James B., and J. M. Roth, Dayton, Ohio. Rotary pump blade. 2,124,539; July 26.
- Brembeck, Howard S., North Manchester, and P. J. Speicher, assignors to The Cyclone Manufacturing Co., Urbana, Ind. Electric brooder. 2,114,617; Apr. 26.
- Bremer Wolf Kammerei. (See Gies, Heinrich, assignor.)
- Breuser, Albert T., Westmont, N. J. Internal combustion engine. 2,101,150; Jan. 1.
- Bren, Bozotek C., Verona, N. J., assignor by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated article. 2,115,511; Apr. 26.
- Bren, Bozotek C., Verona, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of resins. 2,132,277; June 28.
- Breneman, Harry A. (See Hoke, H. A., and Breneman.)
- Brendel, Georges F., assignor to Societe Anonyme Societe Marbriere de Paris, Paris, France. Machine for faceting the surfaces of hard substances by pressure. 2,105,934; Jan. 18.



- Brendel, Leon, Ontario, Calif. Antiseptic bung. 2,124,685; July 26.
- Brenkert, Karl, Detroit, Mich. Photoelectric cell arc control. 2,136,670; Nov. 15.
- Brenkert, Neal, Detroit, Mich. Arc indicator system for projection lamps. 2,125,148; July 26.
- Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding pile. 2,105,448; Jan. 11.
- Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding pile. 2,105,449; Jan. 11.
- Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,106,165; Jan. 25.
- Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Register. 2,133,778; Oct. 18.
- Brennan, Daniel A., Chicago, Ill. Fastener. 2,119,842; June 7.
- Brennan, Daniel A., Chicago, Ill. Paper fastener. 2,119,843; June 7.
- Brennan, Daniel A., Chicago, Ill. Fastener. 2,119,844; June 7.
- Brennan, John H. (See Crosthwait, D. N., Jr., Hesmer, and Brennan.)
- Brennan, John H., Minneapolis, Minn. Spraying device. 2,106,627; Jan. 25.
- Brennan, Joseph B., Fort Wayne, Ind. Electrolytic device and making same. 2,104,018; Jan. 4.
- Brennan, Joseph B., Fort Wayne, Ind. Electrolytic condenser. 2,104,019; Jan. 4.
- Brennan, Joseph B., Fort Wayne, Ind. Electrolyte. 2,104,732; Jan. 11.
- Brennan, Joseph B., Fort Wayne, Ind. Electrolytic cell. 2,111,041; Mar. 15.
- Brennan, Joseph B., Fort Wayne, Ind. Vent for electrolytic condensers. 2,124,648; July 26.
- Brennan, Joseph B., Fort Wayne, Ind. Electrolytic device. 2,135,492; Nov. 8.
- Brennan, Joseph B., assignor to The Magnavox Company, Fort Wayne, Ind. Temperature control for internal combustion engines. 2,118,484; May 24.
- Brennan, Joseph B., and E. L. Marsh, Fort Wayne, Ind.; said Marsh assignor to said Brennan. Electrolyte and making same. 2,104,733; Jan. 11.
- Brennan, Joseph F., Yeadon, Pa., assignor of one-half to D. A. Wilson, and one-half to R. B. La Porte, both of Peoria, Ill. Washing apparatus. Re. 20,699; Apr. 19.
- Brenneisen, Hermann, Paris, France. Strapping material for binding or securing boxes, bales, parcels, and other packages and manufacturing the same. 2,122,856; July 5.
- Brenner, Benjamin, et al. (See Morrell, Michael, assignor.)
- Brenner, Benjamin H., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Pilot step. 2,130,837; Sept. 20.
- Brenner, Charles G., Lansing, Mich., assignor to Auburn Foundry Inc., Auburn, Ind. Automatic air control for stokers. 2,111,611; Mar. 22.
- Brenner, Harry, et al. (See Morrell, Michael, assignor.)
- Brenner, Maurice L., and V. Schwab, Monterey, Calif., assignors to Sea Pride Packing Corp., Ltd. Treating fish and product thereof. 2,120,237; June 14.
- Brenninger, Alfred W., Pelham, assignor of one-half to J. F. McConnochie, New York, N. Y. Ventilating pipe. 2,134,698; Nov. 1.
- Brent, Judie, St. Louis, Mo. Window construction. 2,118,339; May 24.
- Brentnall, Geoffrey C. (See Smith, H., and Brentnall, assignors.)
- Breon, George A., & Company. (See Sondern, C. W., and Wiegand, assignors.)
- Brescka, Rudolph S., Cranford, and E. J. Meagher, Newark, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Method and device for measuring. 2,106,790; Feb. 1.
- Bressee, Fred, Jr., Hillsborough, Calif. Container. 2,113,824; Apr. 12.
- Bresina, Thomas J. (See Schmidt, W. F., and Bresina.)
- Bresler, Fritz, Berkeley, assignor to Shell Developer Company, San Francisco, Calif. Treating wells. 2,140,183; Dec. 13.
- Breslow, Albert I. (See Margrave, Charles B., assignor.)
- Bressi, Vincent, and N. F. Jahn, Beverly Hills, Calif. Canal and road subgrader. 2,119,664; June 7.
- Bressler, Robert E., Oregon, Ill. Fuel burning system. Re. 20,749; June 7.
- Bressler, Robert E., assignor to Kol-Master Corporation, Oregon, Ill. Blower fan impeller. 2,138,814; Dec. 6.
- Breth, Ferdinand W., New York, N. Y., and A. Kinsel, Petrolia, Pa., assignors to L. Sonneborn Sons, Inc. Purifying petrolatum. 2,121,518; June 21.
- Breth, Ferdinand W., New York, N. Y., and A. Kinsel, Petrolia, Pa., assignors to L. Sonneborn Sons, Inc. Oil composition. 2,139,668; Dec. 13.
- Breth, Maximilian, Ozone Park, N. Y. Cloth unwinder. 2,134,656; Oct. 25.
- Brethun, Charles A., Wyandotte, and J. Gora, Ecorse, assignors to All Metal Products Company, Wyandotte, Mich. Toy pistol. 2,106,400; Jan. 25.
- Bretschneider, Curt, Philadelphia, assignor of twenty-five percent to C. A. Hatfield, North Wales, Pa. Oscillatory valve for internal combustion engines. 2,121,768; June 21.
- Brett, George F., London, and G. M. Wright, Essex, England, assignors to Radio Corporation of America. Signal receiver circuit. 2,139,438; Dec. 6.
- Breuchaud, Jules R., New York, N. Y., assignor to Sealcell Corporation. Apparatus for treating organic material. 2,126,168; Aug. 9.
- Breuer, John E., Great Neck, N. Y. Fish plug. 2,127,639; Aug. 23.
- Breuilh, Pierre E. L., Oran, Algeria. Apparatus for sorting fruit and other articles according to their weight. 2,112,823; Apr. 5.
- Breuning, Edmond. (See Lange, A. E., Langguth, Breuning, and Dassler.)
- Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Motor vehicle control mechanism. 2,104,580; Jan. 4.
- Brewer, Nathaniel, Lansdowne, assignor to The Sharpless Specialty Company, Philadelphia, Pa. Acid treatment of petroleum white oil stocks. 2,126,867; Aug. 16.
- Brewer, Perley A., et al. (See Hilton, Everett S., assignor.)
- Brewer, Ray E., Salt Lake City, Utah. Speed warning signal. 2,112,880; Apr. 5.
- Brewer-Titchener Corporation. (See Card, Charles S., assignor.)
- Brewer-Titchener Corporation, The. (See Johannsen, Udo K., assignor.)
- Brewer-Titchener Corporation, The. (See Wenn, Floyd D., assignor.)
- Brewster, Morris B., Co. Inc. (See Turner, Guilford S., assignor.)
- Brewster, Morris B., Co. Inc. (See White, William H., assignor.)
- Brewster, Oswald C., Litchfield, Conn., assignor to Refinery Engineers, Inc., New York, N. Y. Separation of hydrocarbons. 2,134,699; Nov. 1.
- Brewster, Oswald C., Litchfield, Conn., assignor to Refinery Engineers, Inc., New York, N. Y. Separation of hydrocarbons. 2,134,700; Nov. 1.
- Brewster, Oswald C., Litchfield, Conn., assignor to Refinery Engineers, Inc., New York, N. Y. Separation of hydrocarbons. 2,134,701; Nov. 1.
- Brewster, Oswald C., Litchfield, Conn., assignor to Refinery Engineers, Inc., New York, N. Y. Separation of hydrocarbons. 2,134,702; Nov. 1.
- Breyer, Frank G., Wilton, Conn., and J. P. Hubbell, Garden City, N. Y. Manufacture of rubber stocks and of pigment complexes for compounding therewith. 2,139,995; Dec. 13.
- Briant, Charles S., Cape May, N. J. Bilge drainer. 2,138,368; Nov. 29.
- Briant, Charles S., Cape May, N. J. Bilge drainer. 2,138,369; Nov. 29.
- Briant, Raymond C., Pittsburgh, Pa., and G. W. Bain, Amherst, Mass., assignors to Vermont Marble Company, Proctor, Vt. Producing translucent stone slabs. 2,126,725; Aug. 16.
- Brice, Bryan F. and P. B., Cook County, assignors to Durable Materials Patent Corporation, Chicago, Ill. Making cementitious composition of matter. 2,133,245; Oct. 11.
- Brice, Paul B. (See Brice, Bryan F. and P. B.)
- Bricker, Abraham H., Brooklyn, N. Y. Bifocal eyeglass mounting. 2,121,336; June 21.
- Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Manufacture of stranded elements. 2,113,674; Apr. 12.
- Brickner, Arthur J., assignor to Brickner-Kropf Machine Company, Muskegon Heights, Mich. Filing machine. 2,114,994; Apr. 26.
- Brickner, Ernest, Minneapolis, Minn. Protector for use in renovating shoes. 2,114,045; Apr. 12.
- Brickner, Julius, Brooklyn, N. Y., assignor to C. H. D. Robbins Co., Inc. Filled lace. 2,132,603; Oct. 11.
- Brickner-Kropf Machine Company. (See Brickner, Arthur J., assignor.)
- Brickner-Kropf Machine Company. (See Kropf, Henry W., assignor.)
- Brickner, Robert N., New York, N. Y. Momentum actuated sled brake. 2,103,308; Jan. 11.
- Briddell, Charles D., Crisfield, Md. Attachment for animal traps. 2,123,094; July 5.
- Bridge Master, Inc. (See Ellis, Albert, assignor.)
- Bridgeport Brass Company. (See Broecker, Lewis C., assignor.)
- Bridgeport Brass Company. (See Tegge, Albert R., assignor.)
- Bridgeport Brass Company. (See Webster, William R., assignor.)
- Bridgeport Bronze Company, The. (See Marsilius, Newman M., assignor.)
- Bridgeport Chain & Manufacturing Company, The. (See Freddino, Carney, assignor.)
- Bridgeport, City of. (See Wheeler, Charles A., assignor.)
- Bridgeport Coach Lace Company. (See Hamm, James I., assignor.)
- Bridgeport Hardware Manufacturing Corporation, The. (See Windsor, John F., assignor.)
- Bridgeport Metal Goods Manufacturing Company, The. (See Fuller, Giles C., assignor.)



- Bridgeport Metal Goods Manufacturing Company. (See Houlihan, Rudolph N., assignor.)
- Bridgeport Thermostat Company. (See Macdonald, William F., assignor.)
- Bridgeport Thermostat Company. (See Ward, Marshall H., assignor.)
- Bridges, Edward G., Anderson, Ind., assignor to Lynch Corporation. Glassware forming apparatus. 2,129,614; Sept. 6.
- Bridges, Frank R., Needham, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signaling system. 2,128,578; Aug. 30.
- Bridges, Raymond G., Toronto, Ontario, Canada. Electric resistance element and making same. 2,122,604; July 5.
- Bridges, Stanley R., Bush Hill Park, Enfield, England, assignor to Hardman, Peck & Company, New York, N. Y. Miniature piano. 2,112,066; Mar. 22.
- Bridgman, Charles T., Des Moines, and H. Giese, assignors to Iowa State College Alumni Association, Incorporated, Ames, Iowa. Precast reinforced tile beam and span tile floor structure. 2,105,106; Jan. 11.
- Briece, William W. (See Bertels, Charles E., assignor.)
- Briefer, Caesar J., Brooklyn, N. Y. Electric lamp. 2,115,839; May 3.
- Brien, Bailey P., Chattanooga, Tenn. Block floor section. 2,107,884; Feb. 8.
- Brierley, Edgar. (See Holt, H., and Brierley.)
- Brietzcke, Edmund H. (See Peate, George A., assignor.)
- Brigg, John E., and J. N. Gibson, London, England, assignors to Callender's Cable and Construction Company, Limited. Pressure actuated signaling device. 2,133,129; Oct. 11.
- Briggeman, Harold F., and R. A. Fuller, Fort Wayne, Ind., assignors to General Electric Company. Refrigerating system. 2,106,591; Jan. 25.
- Briggs, Arthur M., assignor to Harman Pacific Company, Los Angeles, Calif. Hydraulic valve. 2,114,760; Apr. 19.
- Briggs, George L., Oneida, N. Y. Drink mixer. 2,123,496; July 12.
- Briggs, Henry E. (See Hannay, H. F., and Briggs.)
- Briggs, John F. (See Kinsella, E., Bower, Briggs, and Roberts.)
- Briggs, Joseph G., San Jose, assignor of one-half to H. D. Gilbert, Los Gatos, Calif. Spikeless rail plate. 2,139,720; Dec. 13.
- Briggs Manufacturing Company. (See Ball, Albert P., assignor.)
- Briggs Manufacturing Company. (See Ball, A. P., and Marshall, assignors.)
- Briggs Manufacturing Company. (See Callahan, John A., assignor.)
- Briggs Manufacturing Company. (See Coordes, Harry G., assignor.)
- Briggs Manufacturing Company. (See Graf, Vincent J., assignor.)
- Briggs Manufacturing Company. (See Lundberg, Everett E., assignor.)
- Briggs Manufacturing Company. (See Lundberg, E. E., Doty, and Hathaway, assignors.)
- Briggs Manufacturing Company. (See Marshall, William, assignor.)
- Briggs Manufacturing Company. (See Marshall, Wm., and Camiener, assignors.)
- Briggs Manufacturing Company. (See Pattison, H. J., and Barton, assignors.)
- Briggs Manufacturing Company. (See Pinter, Frank V., assignor.)
- Briggs Manufacturing Company. (See Platz, Henry T., assignor.)
- Briggs Manufacturing Company. (See Prance, Alvin W., assignor.)
- Briggs Manufacturing Company. (See Ross, Frederick N., assignor.)
- Briggs Manufacturing Company. (See Schwenke, Victor G., assignor.)
- Briggs Manufacturing Company. (See Tjaarda, John, assignor.)
- Briggs Manufacturing Company. (See Wexelberg, Clarence E., assignor.)
- Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling apparatus. 2,128,345; Aug. 30.
- Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Bar screen scraper. 2,128,346; Aug. 30.
- Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Treading sewage. 2,128,347; Aug. 30.
- Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Bar screen scraper. 2,128,348; Aug. 30.
- Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Bar screen scraper. 2,128,349; Aug. 30.
- Briggs Shaffner Company. (See Dinkins, Delbert R., assignor.)
- Briggs, Southwick W., Glenmont, Md. Oil clarifier and filter. 2,105,136; Jan. 11.
- Briggs, Stephen F., Detroit, Mich., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Butterfly valve. 2,105,343; Jan. 11.
- Briggs, Stephen F., Detroit, Mich., assignor to Onboard Marine & Manufacturing Company, Waukegan, Ill. Refrigerating unit. 2,111,923; Mar. 22.
- Briggs & Stratton Corporation. (See Briggs, Stephen F., assignor.)
- Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)
- Briggs & Stratton Corporation. (See Jacobi, Edward N., assignor.)
- Briggs & Stratton Corporation. (See Mack, Perry E., assignor.)
- Briggs & Stratton Corporation. (See Rubner, Hugo G., assignor.)
- Brigham, E. F. P. (See White, B. B., and Young, assignors.)
- Bright, Charles G., deceased; R. E. Bright, administratrix, Appleton, assignor to Paper Patents Company, Neenah, Wis. Making washable paper. 2,123,399; July 12.
- Bright, Claude H., Memphis, Tenn. Ink pad. 2,132,719; Oct. 11.
- Bright, Elvin M., Dayton, Ohio. Process of and apparatus for applying nitrocellulose coating. 2,130,225; Sept. 13.
- Bright, Ruth E., administratrix. (See Bright, Charles G.)
- Bright Light Reflector Co. Inc. (See Litner, Isaac, assignor.)
- Brightman, Paul, Oteen, and G. C. Stewart, Asheville, N. C., said Brightman assignor to said Stewart. Adjustable back support. 2,133,223; Oct. 11.
- Brightside Plating Company Limited. (See Kronsheim, John, assignor.)
- Brightwell, Walter J., Henderson, Tex. Air compressing machine. 2,108,958; Feb. 22.
- Briktex Incorporated. (See Fried, William B., assignor.)
- Brill, George L., New York, N. Y. Hosiery. 2,132,844; Oct. 11.
- Brill, J. G., Company, The. (See Darlington, May E., assignor.)
- Brill, J. G., Company, The. (See Henry, Eugene E., assignor.)
- Brill, J. G., Company, The. (See Scott, Louis F., assignor.)
- Brill, John L., and R. W. Plummer, Newark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkyl formates. 2,117,600; May 17.
- Brill, Laurence E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Chain. 2,113,980; Apr. 12.
- Brill, Rudolf. (See Lederle, E., and Brill.)
- Brill, Rudolf. (See Lederle, E., Günther, and Brill.)
- Brill, Willem G., Johannesburg, Transvaal, Union of South Africa. Numerical printing device. 2,134,223; Oct. 25.
- Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Exhaust manifold system for internal combustion engines. 2,126,609; Aug. 9.
- Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Built-up cylinder block for internal combustion engines. 2,129,906; Sept. 13.
- Brillhart, Samuel E., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,119,570; June 7.
- Brimberg, Isaac, Brooklyn, N. Y. Apparatus for producing printing plates. 2,112,010; Mar. 22.
- Brimm, Wade A., Pleasant Shade, Tenn. Valve. 2,110,059; Mar. 1.
- Brinck, Erik J. M., Solvesborg, and R. V. A. Olsson, Kyrkhult, Sweden. Slack adjuster for motor vehicle brakes. 2,109,284; Feb. 22.
- Brinck, Werner. (See Roumans, P., and Brinck.)
- Brindley, Ben C., et al. (See Baker, Donald J., assignor.)
- Briney, Otis R., Pontiac, Mich. Bushing locating and rotating means. 2,107,051; Feb. 1.
- Brink, Harold T., assignor to Corning Glass Works, New York, N. Y. Glass melting furnace. 2,133,651; Oct. 18.
- Brink, Winfield S., assignor to The Firestone Steel Products Company, Akron, Ohio. Tire rim. 2,117,238; May 10.
- Brink, Winfield S., assignor to The Firestone Steel Products Company, Akron, Ohio. Vehicle wheel. 2,135,481; Nov. 8.
- Brink, Winfield S., assignor to The Firestone Steel Products Company, Akron, Ohio. Wheel and tire rim structure. 2,135,482; Nov. 8.
- Brinker, Frederic A., Denver, Colo. Froth flotation method. 2,105,901; Jan. 18.
- Brinker, Frederic A., Denver, Colo. Thioacbamid derivative. 2,118,293; May 24.
- Brinkley, William W., assignor of twenty four per cent to E. L. Trinkle, Jr., and ten per cent to C. M. Trinkle, Jr., Roanoke, Va. Draft rigging. 2,118,150; May 24.
- Brinkman, Adolph, Milwaukee, Wis. Ball swinging toy. 2,105,462; Jan. 18.
- Brinkman, Albin J. (See Cohn, I. I., and Brinkman.)
- Brinkman, Earl W., assignor to Davenport Machine Tool Co. Incorporated, Rochester, N. Y. Method and apparatus for threading pieces. 2,114,636; Apr. 19.
- Brinkman, Laura, et al. (See Brinkman, Louis H., assignor.)
- Brinkman, Louis H., deceased, late of Glen Ridge, N. J.; L. Brinkman, administratrix, assignor of one-third to L. Brinkman, and one-third to B. Moravia White Plains, N. Y., and one-third to N. B. Cooke Birmingham, Ala. Metal drawing device. 2,121,961; July 25.



- Brinkmann, Gottfried A. (See Scholfield, William B., assignor.)
- Brinkworth, Clarence J. (See Lauenstein, C. F., and Brinkworth.)
- Brinnon, Richard B., Wichita, Kans. Shoe box. 2,104,828; Jan. 11.
- Brinson, Charles A., Palatka, Fla. Tree clamp or cup protector. 2,135,422; Nov. 1.
- Brintnall, Archibald C., Denver, Colo., assignor to Hot Spray Humidifier Co. Humidifier for warm air furnaces. 2,111,165; Mar. 15.
- Brintnall, Frank W., assignor to U. S. Bratton, Jr., Detroit, Mich. Apparatus for separating gold. 2,133,271; Oct. 18.
- Brinton, H., Co. (See Holmes, Henry H., assignor.)
- Brinton, H., Co. (See Horrocks, H. S., and Gorman, assignors.)
- Brinton, H., Co. (See Newell, Edwin H., assignor.)
- Brinton, Joseph H., Media, Pa. Night latch. 2,136,539; Nov. 15.
- Brisbane, Eugene C., Denver, Colo., assignor to S. Morgan Smith Company, York, Pa. Fluid control means. 2,111,837; Mar. 22.
- Brisbane, Eugene C., Denver, Colo., assignor to S. Morgan Smith Company, York, Pa. Breaking vacuum in pipe lines. 2,125,330; Aug. 2.
- Brisbane, Eugene C., and R. Bischoff, assignors to S. Morgan Smith Company, York, Pa. Valve. 2,104,151; Jan. 4.
- Brisbane, Eugene C., and R. Bischoff, assignors to S. Morgan Smith Company, York, Pa. Valve. 2,114,673; Apr. 19.
- Brisbane, Eugene C., and R. Bischoff, assignors to S. Morgan Smith Company, York, Pa. Valve. 2,129,081; Sept. 6.
- Briscoe, James. (See Beck, R., and Briscoe.)
- Briscoe, Ernest V., Kerman, Calif. Ditch digger and cleaner. 2,136,911; Nov. 15.
- Brisse, Emile G., Troy, N. Y. Load holding weighing scale. 2,113,168; Apr. 5.
- Brisson, Louis C., Neuilly-sur-Seine, assignor to Société Anonyme: Société des Freins Hydrauliques S. de Lavaud, Paris, France. Resilient diaphragm. 2,106,791; Feb. 1.
- Brisson, Louis C., Neuilly-sur-Seine, assignor to Société Anonyme: Société des Freins Hydrauliques S. de Lavaud, Paris, France. Braking device. 2,131,369; Sept. 27.
- Brisson, Louis C., Neuilly-sur-Seine, assignor to Société Anonyme: Société des Freins Hydrauliques S. de Lavaud, Paris, France. Automatic heat-compensated slack-adjusting device. 2,133,533; Oct. 18.
- Brisson, Louis C., Neuilly-sur-Seine, and P. Marmignon, Le Pre-Saint-Gervais, assignors to Société Anonyme: Société des Freins Hydrauliques S. de Lavaud, Paris, France. Shoe brake. 2,119,903; June 7.
- Bristol Aeroplane Company, The. (See Whitehead, F. W., and Goodby, assignors.)
- Bristol Company, The. (See Allen, Harold E., assignor.)
- Bristol Company, The. (See Borden, Perry A., assignor.)
- Bristol Company, The. (See Faust, Frederick A., assignor.)
- Bristol Company, The. (See Hunt, Ozro H., assignor.)
- Bristol Company, The. (See Kerr, William J., assignor.)
- Bristol Tramways & Carriage Company Limited, The. (See Redrup, Charles B., assignor.)
- Brittoll, Harrison C., New Britain, R. V. Sanford, Hartford, and H. C. Doolittle, assignors to The Stanley Works, New Britain, Conn. Strap stretching tool. 2,117,015; May 10.
- Bristow, Clyde J., Oakmont, Pa., assignor to Pittsburgh Plate Glass Company. Store front construction. 2,106,885; Feb. 1.
- Bristow, Louis J., and F. F. Strong, Los Angeles, Calif. Therapeutic light ray apparatus. 2,123,709; July 12.
- British Acoustic Films, Ltd. (See Kolb, O. K., and Ricketts, assignors.)
- British Acoustic Films Limited. (See Poulsen, A., Kolb, Pratt, and Boston, assignors.)
- British Coal Distillation Limited. (See Hardy, R. D., Machen, and Aram, assignors.)
- British & Dominions Feralloy Limited. (See Bampfylde, James W., assignor.)
- British Electrical & Allied Industries Research Association, The. (See Whitney, W. B., and Wedmore, assignors.)
- British Heat Resisting Glass Company, The. (See Gell, Philip V. W., assignor.)
- British Hygienic Containers Limited. (See Franghia, Byron, assignor.)
- British Marine Utilities Company Limited. (See Mason, Ronald T. G., assignor.)
- British Radiostat Corporation. (See Robinson, James, assignor.)
- British Rubber Producers Research Association, The. (See Stevens, H. P., and Dyer, assignors.)
- British Rubber Producers' Research Association, The. (See Stevens, H. P., and Popham, assignors.)
- Brittain, Monroe, Chickasha, Okla. Oil burner. 2,118,698; May 24.
- Brittain, Richard J., Jr. (See Gibbons, H. R., and Brittain.)
- Brittain, William, Darra, Queensland, Australia. Pipe testing machine. 2,140,892; Dec. 20.
- Britten, Clyde H. (See Greensfelder, B. S., Spaght, and Britten.)
- Britten, Edward F., Jr., Short Hills, assignor to Gardner Company, Orange, N. J. Calculating machine. 2,121,683; June 21.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Production of hydroxy-aromatic hydrocarbons and hydroxy-aromatic carboxylic acids. 2,126,610; Aug. 9.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Purification and decolorization of acetic acid. 2,126,611; Aug. 9.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Meta-substituted phenols. 2,129,907; Sept. 13.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Separation of ortho-, meta-, and para-phenyl-phenols. 2,129,908; Sept. 13.
- Britton, Edgar C., G. H. Coleman, and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Hydrolysis of isopropyl chloride. 2,110,838; Mar. 8.
- Britton, Edgar C., and S. L. Bass, assignors to The Dow Chemical Company, Midland, Mich. Meta-xenyl phosphoric acid derivatives. 2,117,290; May 17.
- Britton, Edgar C., and S. L. Bass, assignors to The Dow Chemical Company, Midland, Mich. Para-xenyl phosphoric acid derivatives. 2,117,291; May 17.
- Britton, Edgar C., F. B. Smith, J. E. Livak, and W. W. Sunderland, assignors to The Dow Chemical Company, Midland, Mich. 2,4-dinitro-5-naphthylamino-phenols. 2,120,664; June 14.
- Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Stabilizing vinylidene chloride. 2,121,009; June 21.
- Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Stabilizing vinylidene chloride. 2,121,010; June 21.
- Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Stabilizing vinylidene chloride. 2,121,011; June 21.
- Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Stabilizing vinylidene chloride. 2,121,012; June 21.
- Britton, Edgar C., S. L. Bass, and E. G. Hallonquist, assignors to The Dow Chemical Company, Midland, Mich. Cellulose ether compositions. 2,124,540; July 26.
- Britton, Edgar C., H. S. Nutting, and M. E. Huscher, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of olefine chlorohydrins. 2,130,226; Sept. 13.
- Britton, Edgar C., G. H. Coleman, and R. P. Perkins, assignors to The Dow Chemical Company, Midland, Mich. Alkylated phenylphenols. 2,138,471; Nov. 29.
- Britton, Edgar C., G. H. Coleman, and L. F. Berhenke, assignors to The Dow Chemical Company, Midland, Mich. Dielectric compositions. 2,140,784; Dec. 20.
- Britton, Glenn B., Hannibal, assignor to International Shoe Company, St. Louis, Mo. Heel nailing device. 2,120,776; June 14.
- Britton, Harry C. (See Law, R. M., and Britton.)
- Britton, Joseph W. (See Le Fevre, W. J., and Britton.)
- Britton, Joseph W., assignor to The Dow Chemical Company, Midland, Mich. Purifying beta-phenylethyl alcohol. 2,114,286; Apr. 19.
- Britton, Sidney W. (See Rote, R. J., and Britton.)
- Brixner, Frederick W., Gates, assignor to General Railway Signal Company, Rochester, N. Y. Polar impulse repeating system. 2,124,847; July 26.
- Brizard, Maxime J., San Francisco, Calif. Varnish and paper drying machine. 2,106,339; Jan. 25.
- Brizzolara, Robert T., New Dorp, N. Y. Air cooling unit. 2,120,830; June 14.
- Broad, William L. (See Lowry, Edward N., assignor.)
- Broadfoot, William G. (See Gerhardt, Paul, assignor.)
- Broadhurst, Jean. (See Steckelberg, A. L., and Broadhurst.)
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Sheet feeding apparatus. 2,120,484; June 14.
- Broadwater, James R. (See Purtle, A. D., and Broadwater.)
- Broadway, Leonard F., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, England. Cathode ray tube. 2,124,270; July 19.
- Broadwell, Howard, Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Rotary switch. 2,140,126; Dec. 13.
- Broadwin, Sampson, assignor to Ainslie Knitting Machine Co., Inc., Brooklyn, N. Y. Circular hand-knitting machine. 2,108,705; Feb. 15.
- Broberg, Manfred, Kingston, N. Y. Exercising device. 2,123,765; July 12.
- Broche, Hans. (See Pott, A., and Broche.)
- Broche, Hans, and H. Schmitz, Essen, Germany. Purifying and desulphurizing motor fuel. 2,115,549; Apr. 26.
- Brochu, Arthur J., Grand Rapids, Mich. Arrow. 2,137,014; Nov. 15.
- Brock, Arnold E., Burlingame, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. High tension expulsion fuse. 2,135,164; Nov. 1.
- Brock, Charles. (See Hamilton, A., and Brock.)
- Brock, Chas. S., et al. (See Davis, Phillip W., assignor.)
- Brock, Clarence A., Detroit, Mich. Separating machine. 2,136,540; Nov. 15.



- Brock, Denis T., and G. J. Trapp, assignors to Automotive Products Company Limited, London, England. Fuel injection pump. 2,131,933; Oct. 4.
- Brock, Glenn C. (See Rutherford, J. T., and Brock.)
- Brock, Norman H., Philadelphia, Pa. Method and apparatus for sound recording. 2,116,747; May 10.
- Brock, Willie W., assignor of one-half to P. W. Luzader, Winnfield, La. Clip. 2,108,473; Feb. 15.
- Brockman, Charles J. (See McKee, R. H., and Brockman.)
- Brockner, William. (See Berman, M., and Brockner.)
- Brockstedt, Theophile E., San Francisco, Calif., assignor to The Washington Institute of Technology, Inc. Radio apparatus and method. 2,139,057; Dec. 6.
- Brockway, Scott A., Lincoln, Nebr. Arm grip table. 2,118,151; May 24.
- Brockwell, S. M., et al. (See Utsman, George W., assignor.)
- Brodbeck, Almer H., assignor to American Stove Company, St. Louis, Mo. Combination solid and gaseous fuel cooking range. 2,141,808; Dec. 27.
- Brodén, Edwin H., Swissvale, Pa., assignor to The American Steel and Wire Company of New Jersey. Handle for reels. 2,132,559; Oct. 11.
- Broderick, Frank W. (See Payne, F. S., and Broderick.)
- Broderick, Frank W., New Brighton, Staten Island, assignor to Reynolds Metals Company, New York, N. Y. Cake box. 2,112,879; Apr. 5.
- Broderick, Sylvester J. (See Kittredge, H. G., and Broderick.)
- Brodersen, Karl. (See Rieche, A., Brodersen, Quaadvlieg, and Maier-Bode.)
- Brodersen, Karl, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treating fibrous materials with alkaline liquids of mercerizing strength. 2,104,290; Jan. 4.
- Brodersen, Karl, and A. Peters, Dessau-in-Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyeing mixed fibers. 2,121,337; June 21.
- Brodersen, Karl, and M. Quaadvlieg, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Matting of artificial silk. 2,123,986; July 19.
- Brodersen, Karl, and M. Quaadvlieg, Dessau in Anhalt, A. Schneider, Leverkusen-Wiesdorf, and H. Gensel, Leverkusen I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing matting effects on artificial silk. 2,123,987; July 19.
- Brodersen, Karl, and M. Quaadvlieg, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Combating insects. 2,134,504; Oct. 25.
- Brodersen, Max M., Alhambra, assignor to L. O. Bird, Glendale, Calif. Disk harrow. 2,126,446; Aug. 9.
- Brodersen, Thorwald, Park Ridge, and W. C. Dunn, Chicago, Ill. Carburetor. 2,118,038; May 24.
- Brodhecker, Lou A., Brownstown, Ind. Electric plug connection. 2,131,884; Oct. 4.
- Brodie, Alan M., Richmond, Va. Golf bag. 2,105,853; Jan. 18.
- Brodie, Ralph N., Company. (See Berck, William F., assignor.)
- Brodie, Ralph N., Company. (See Granberg, Albert J., assignor.)
- Brodin, Eric C., Jenkintown, assignor to S K F Industries, Inc., Philadelphia, Pa. Scaled bearing. 2,114,954; Apr. 19.
- Brodsky, Frank, New York, N. Y. Loose-leaf sheet. 2,108,363; Feb. 15.
- Brodton, Edward R., Collingswood, N. J. Vapor condenser. 2,135,432; Nov. 1.
- Brodton, Lynn, Collingswood, N. J., assignor to Radio Corporation of America. Indicator. 2,122,998; July 5.
- Brodton, Lynn, Collingswood, N. J., assignor to Radio Corporation of America. Multiband indicator. 2,132,094; Oct. 4.
- Brody, Samuel L., Chicago, Ill. Coaster. 2,141,509; Dec. 27.
- Broecker, Lewis C., assignor to Bridgeport Brass Company, Bridgeport, Conn. Tire and valve stem. 2,106,673; Jan. 25.
- Broecker, Lewis C., assignor to Bridgeport Brass Company, Bridgeport, Conn. Pneumatic valve insides construction. 2,142,044; Dec. 27.
- Broeren, Frank L., Menasha, and S. N. Hope, Wauwatosa, assignors to Marathon Paper Mills Company, Rothschild, Wis. Dispenser. 2,138,692; Nov. 29.
- Broeze, Johannes Jan., Delft, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Cooled atomizer for solid injection engines. 2,108,647; Feb. 15.
- Broeze, Johannes J., Delft, and G. van Willigen, The Hague, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Process and apparatus for the cooling of fuel atomizers. 2,116,337; May 3.
- Brofon, Elmar A., London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,138,594; Nov. 29.
- Brogden, Ronald R., Orlando, Fla., assignor to Bank of The Manhattan Company, New York, N. Y. Method of and apparatus for assembling packages. 2,133,278; Oct. 18.
- Brogdex Company. (See Hampton, William M., assignor.)
- Brogger, Ivar W., Orange, N. J. Lamp attachment means. 2,129,814; Sept. 13.
- Brohman, Howard E., assignor to Case Electric Corporation, Marion, Ind. Tuning system for radio receivers. 2,110,196; Mar. 8.
- Broker, George M., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker fuel distributor. 2,131,995; Oct. 4.
- Brokering, Harry G., Dayton, Ohio. Bolt or pin and retaining member. 2,119,520; June 7.
- Brolly, Archibald H., Palo Alto, Calif., assignor to Farnsworth Television Incorporation. Generating a pulse in a cathode ray tube. 2,107,778; Feb. 8.
- Brom and Wade Limited. (See Walker, W. J., and Gimkey, assignors.)
- Broman, Charles E., Algoma Township, Kent County, Mich. Pump or motor structure. 2,125,988; Aug. 9.
- Bromann, Albert H., Jr., River Forest, assignor to Bromann Bros., Chicago, Ill. Refrigerating method and apparatus. 2,136,232; Nov. 8.
- Bromann Bros. (See Bromann, Albert H., Jr.)
- Bromilow & Edwards Limited. (See Swift, Herbert W., assignor.)
- Bromley, Thomas C., and G. S. Helliwell, Leicester, England. Knotter. 2,125,423; Aug. 2.
- Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,119,093; May 31.
- Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Cigarette tipper. 2,133,341; Oct. 18.
- Bronander, Wilhelm B., Montclair, N. J. Driving mechanism. 2,137,998; Nov. 29.
- Bronander, Wilhelm B., Montclair, N. J. Driving mechanism. 2,139,221; Dec. 6.
- Bronaugh, Lewis J., Portland, Oreg., and T. I. Potter, assignors to Refrigeration Patents Corporation, Buffalo, N. Y. Multiple compartment refrigerator. 2,141,459; Dec. 27.
- Brong, Paul. (See Stolte, C. L., and Brong.)
- Bronson Reel Company. (See McMahon, Edward J., assignor.)
- Bronson Reel Company. (See Schafer, John V., assignor.)
- Bronstein, David E., Toronto, Ontario, assignor to Score Corporation Limited, Winnipeg, Manitoba, Canada. Game apparatus. 2,139,875; Dec. 13.
- Bronstein, Louis, Newark, assignor to New York Folding Box Co., Jersey City, N. J. Box and handle. 2,138,336; Nov. 29.
- Brooke, Francis M., assignor to N. S. Brooke, Bryn Mawr, Pa. External combustion engine. 2,131,216; Sept. 27.
- Brooke, Joseph B. R., assignor of one-half to John Lysaght Limited, Scunthorpe, England. Reversible regenerative furnace. 2,115,613; Apr. 26.
- Brooke, Lloyd A., Washington, D. C. Fountain pen. 2,136,371; Nov. 15.
- Brooke, Lloyd A., Washington, D. C. Labyrinth protective device. 2,141,102; Dec. 20.
- Brooke, Lloyd F., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Polymerizing olefines and catalyst therefor. 2,135,793; Nov. 8.
- Brooke, Mary M. (See Wilhartz, L. J., and Brooke.)
- Brooke, Nanna S. (See Brooke, Francis M., assignor.)
- Brooker, Leslie G. S., and L. A. Smith, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsions containing trinuclear cyanine dyes. 2,108,846; Feb. 22.
- Brooker, Leslie G. S., and F. L. White, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Acylmethylenes derivatives of arylofiazolines and aryloxylenazulines. 2,112,139; Mar. 22.
- Brooker, Leslie G. S., and F. L. White, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparing carbocyanine dyes. 2,112,140; Mar. 22.
- Brooker, Leslie G. S., and G. H. Keyes, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Derivatives of pyridine and quinoline and their preparation. 2,117,936; May 17.
- Brooker, Leslie G. S., and C. J. Staud, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsion containing alkyl quaternary salts of thiadiazoles and the like as antifogants. 2,131,038; Sept. 27.
- Brooks, Benjamin T., Stamford, Conn., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Producing alcohols from olefines. 2,144,163; Apr. 19.
- Brooks, Charles A. (See Allen, E. M. Brooks, and Thompson.)
- Brooks, Charles A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Multiple control apparatus. 2,119,265; May 31.
- Brooks, Earl M., Fort Worth, Tex. Moistening device. 2,117,277; May 17.
- Brooks, George F., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Decorative hanging. 2,128,011; Sept. 6.
- Brooks, George W., La Grange, assignor to The S. O. S. Company, Chicago, Ill. Cleansing article. 2,125,009; July 26.



- Brooks, Harry E. (See Reeves, P. B., and Brooks.)
- Brooks, John C., Paterson, N. J., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Automatic loom. 2,140,893; Dec. 20.
- Brooks, Henry M., et al., trustees. (See Fisher, John F., assignor.)
- Brooks, Henry M., et al., trustees. (See Peltz, Gordon M., assignor.)
- Brooks, Henry M. et al., trustee. (See Schweickart, William M., assignor.)
- Brooks, Howard L., and H. F. MacIntyre, assignors to Ferro Enameling Company, Oakland, Calif. Building construction. 2,106,315; Jan. 25.
- Brooks, Josiah A., Port Washington, N. Y. Device for indicating direction of movement. 2,108,099; Feb. 15.
- Brooks, Kenneth S., and L. G. Henel, assignors of one-third to A. B. Flemington, Kansas City, Mo. Apparatus for testing batteries. 2,125,840; Aug. 2.
- Brooks, Elbert J., Sparta, Wis. Expansible root cutter. 2,133,342; Oct. 18.
- Brooks, John A., Detroit, Mich. Vacuum breaking valve. 2,133,804; Oct. 18.
- Brooks, John E., Rock Island, Ill. Auxiliary lighting apparatus. 2,133,420; Oct. 18.
- Brooks, Ltd. (See Rebois, Leon V., assignor.)
- Brooks Paper Company. (See Helber, Eva J., assignor.)
- Brooks, Robert A., assignor to I. B. Kerr, Chicago, Ill. Siphon breaking water closet. 2,122,834; July 5.
- Brooks, William H., Fairfax, Calif. Making bread sticks. 2,134,026; Oct. 25.
- Brooks, Winfred M., West Orange, N. J. Forming a seal. 2,116,338; May 3.
- Brophy, John D., New York, N. Y. Container. 2,109,100; Feb. 22.
- Brophy, John J. (See Johnson, J. W., Van Roosen, Ushakoff, and Brophy.)
- Brophy, Oscar, Philadelphia, Pa. Electric control device for block printing machines. 2,104,894; Jan. 11.
- Broquinda Inc. (See Quinn, Clara E., assignor.)
- Broquinda, Inc. (See Quinn, C. E., and Lassiter, Jr., assignors.)
- Brosen, Willard A., Oakland, Calif., assignor to Photostat Corporation, Rochester, N. Y. Photographic exposure controlling apparatus. 2,124,134; July 19.
- Brosius, John P., Pittsburgh, Pa. Burner unit. 2,138,998; Dec. 6.
- Brosnan, Cornelius A. (See Brazell, J. J., and Brosnan.)
- Bross, Viktor. (See Dörzbach, E., and Bross.)
- Brossé, Pierre, assignor to Société Anonyme Holbrever, Paris, France. Apparatus for the manufacture of colored glass. 2,115,408; Apr. 26.
- Brosseau, Joseph E., West Chicago, and F. J. Kerber, Chicago, Ill.; said Kerber assignor to said Brosseau. Control device. 2,106,269; Jan. 25.
- Brostrom, Charles G., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoe-heels. 2,104,183; Jan. 4.
- Brostrom, Charles G., assignor to United Shoe Machinery Corporation, Salem, Mass. Marking machine. 2,111,612; Mar. 22.
- Brostrom, Frederik V., Kingston-on-Thames, England. Gas-heated laundry iron. 2,119,094; May 31.
- Brothers, Eli, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for lasting shoes. 2,125,884; Aug. 9.
- Brotsker, Charles J., and C. C. Meyer, Upper Darby, Pa. Extension for fishing lines. 2,109,967; Mar. 1.
- Brott, Vernon D., Franklin Park, Ill. Internal combustion engine. 2,117,292; May 17.
- Broztman, Leonard G., Arroyo Grande, Calif. Plant thinner. 2,137,233; Nov. 22.
- Broztman, Leonard G., and R. E. Teague, Arroyo Grande, Calif. Balanced pump. 2,133,655; Oct. 18.
- Brough, Frank W., Chiswick, London, assignor to Electric & Musical Industries Limited, Hayes, England. Treatment of mica for electrical purposes. 2,108,577; Feb. 15.
- Brounger, John W., Bremen, Ind. Vehicular traffic signal. 2,106,113; Jan. 18.
- Broughton, Arthur E., Neenah, Wis. Apparatus for securing uniform drying of the sheet in paper making machines. 2,119,771; June 7.
- Broughton, Geoffrey, Rochdale, England. Conditioning fibrous material. 2,132,095; Oct. 4.
- Broughton, Walter C., Kansas City, Mo. Burial vault. 2,135,559; Nov. 8.
- Brouhard, Edward J., Des Moines, Iowa. Drain cock wrench. 2,138,725; Nov. 29.
- Brouhiet, Georges, Paris, France. Chassis-frame for automobile vehicles. 2,121,497; June 21.
- Brouse, William H. D. (See Bradley, E. H., and Brouse.)
- Brouse, William H. D., and C. J. Hume, assignors to International Metal Industries Limited, Toronto, Ontario, Canada. Resetting interlock for fluid dispensing pumps. 2,126,447; Aug. 9.
- Brouse, William H. D., Toronto, Ontario, Canada, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,138,781; Nov. 29.
- Brouse, William H. D., assignor to International Metal Industries Limited, Toronto, Ontario, Canada. Sight gauge for liquid dispensing pumps. 2,139,148; Dec. 6.
- Broussard, Frank P., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for mixing materials. 2,120,543; June 14.
- Broussard, Joseph L. (See Cutrer, C. C., and Broussard.)
- Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmö, Sweden. Variable leverage brake rigging. 2,116,010; May 3.
- Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmö, Sweden. Vehicle brake, especially for railway cars. 2,116,824; May 10.
- Browder, Lewis M., East Columbus, Ohio. Safety switch. 2,127,764; Aug. 23.
- Brower, Paul V., Maywood, Ill., assignor to Ditto, Incorporated. Material for transfer processes. 2,138,836; Dec. 6.
- Brown, Albert, Le compte, La. Poultry feeder. 2,114,649; Apr. 19.
- Brown, Alexander, Brooklyn, N. Y. Ball amusement device. 2,129,489; Sept. 6.
- Brown, Alexander M., Ocean Grove, N. J. Slidable fastener. 2,141,900; Dec. 27.
- Brown, Andrew, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Wheel actuated treadle for railway signaling systems. 2,124,340; July 19.
- Brown, Andrew, R. H. Dunn, and D. G. McKie, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric switch, particularly for use in control of railway signals. 2,108,428; Feb. 15.
- Brown, Archibald M., assignor to The Firestone Steel Products Company, Akron, Ohio. Apparatus for assembling spark plugs. 2,106,451; Jan. 25.
- Brown, Arthur B., Hammond, Ind., and F. F. Diwocky, assignors to Standard Oil Company, Chicago, Ill. Extraction of oils with improved solvents. 2,138,832; Dec. 6.
- Brown, Arthur B., Hammond, Ind., and F. F. Diwocky, assignors to Standard Oil Company, Chicago, Ill. Extracting oils. 2,138,833; Dec. 6.
- Brown, Arthur B., Hammond, Ind., and F. F. Diwocky, assignors to Standard Oil Company, Chicago, Ill. Treating oils. 2,138,834; Dec. 6.
- Brown, Arthur H., Denver, Colo. Suction valve for dentures. 2,115,939; May 3.
- Brown, Banks D., assignor to Capstan Glass Company, Connellsville, Pa. Glass feeder and method. 2,113,249; Apr. 5.
- Brown, Benjamin D., New York, N. Y. Automatic contour shaping fixture. 2,118,806; May 31.
- Brown, Benjamin F., Chicago, Ill. Squeegee. 2,116,877; May 10.
- Brown, Betsy C., et al. (See Johnson, Paul W., assignor.)
- Brown & Bigelow. (See Beisang, Alfred O., assignor.)
- Brown & Bigelow. (See Kranhold, Harry E., assignor.)
- Brown & Bigelow. (See Winford, Orion P., assignor.)
- Brown Boveri & Cie. Aktiengesellschaft. (See Ehrensperger, Charles, assignor.)
- Brown, Bradford W., Northbrook, assignor to Container Corporation of America, Chicago, Ill. Container. 2,111,838; Mar. 22.
- Brown, Bradford W., Northbrook, assignor to Container Corporation of America, Chicago, Ill. Container. 2,129,462; Sept. 6.
- Brown-Brockmeyer Co., The. (See Brown, Steffen A assignor.)
- Brown, C. C. (See Gray, Ellsworth, assignor.)
- Brown, Carl A., Chardon, and C. E. Hahn, Cleveland, Ohio, assignors to General Electric Company. Apparatus for severing glass rod and tubing. 2,120,853; June 14.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom. 2,105,450; Jan. 11.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Bobbing changing loom. 2,107,466; Feb. 8.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shuttle checking means. 2,111,962; Mar. 22.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shuttle check. 2,112,617; Mar. 29.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shuttle check. 2,112,806; Mar. 29.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Beam lock. 2,117,142; May 10.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Yielding reed. 2,118,426; May 24.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Temple roll. 2,123,824; July 12.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Bobbin support. 2,130,062; Sept. 13.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Bobbin supporting device. 2,130,315; Sept. 13.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Thread cutting temple. 2,133,729; Oct. 18.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom parallel. 2,139,439; Dec. 6.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom temple roll. 2,140,448; Dec. 13.
- Brown, Carlton E., Cincinnati, Ohio, assignor to Cincinnati Grinders Incorporated. Grinding machine. 2,141,853; Dec. 27.
- Brown, Cecil L., Baton Rouge, La., assignor to Standard-I. G. Company. Hydrogenation catalyst and preparation and use. 2,123,623; July 12.



- Brown, Cecil R., Verona, N. J., assignor to Burroughs Wellcome & Co., (U. S. A.) Inc., New York, N. Y. Tourniquet. 2,113,534; Apr. 5.
- Brown, Charles A., Beaverton, Mich. Water shut-off for oil wells. 2,118,067; May 24.
- Brown, Charles C., administrator. (See Brown, Spencer M.)
- Brown, Charles H., Brooklyn, N. Y., assignor to Radio Corporation of America. Tuned circuit. 2,126,868; Aug. 16.
- Brown, Charles H., Brooklyn, N. Y., and W. V. Roberts, Princeton, N. J., assignors to Radio Corporation of America. Double cathode electron discharge device and circuits. 2,112,267; Mar. 29.
- Brown, Charles H., Brooklyn, N. Y., and W. V. B. Roberts, Princeton, N. J., assignors to Radio Corporation of America. Double cathode electron discharge device and circuits. 2,121,067; June 21.
- Brown, Charles M., Lincoln, Nebr. Display rack. 2,109,379; Feb. 22.
- Brown, Charles N., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and making the same. 2,133,805; Oct. 18.
- Brown, Charles N., et al. (See Stein, Frank E., assignor.)
- Brown, Charles R., Champaign, Ill., and A. T. Scott, Ardmore, assignors to The Sharples Specialty Company, Philadelphia, Pa. Steeping and degerminating process. 2,122,084; June 28.
- Brown, Charles S., Syracuse, N. Y. Forming electrical conduit outlet boxes. 2,113,675; Apr. 12.
- Brown, Charles S., Syracuse, N. Y. Internal combustion engine. 2,126,089; Aug. 9.
- Brown, Charles S., Syracuse, N. Y. Roller bearing cage. 2,130,295; Sept. 13.
- Brown, Charles W., Middleboro, Mass. Method of and apparatus for electrically cooking frankfurters and other articles. 2,107,931; Feb. 8.
- Brown, Charley L., assignor of one-half to C. W. McQueen, Rushville, Mo. Tractor drive take-off. 2,140,687; Dec. 20.
- Brown, Chester W. (See Schultz, W. O., and Brown.)
- Brown, Cicero C., Houston, Tex. Setting tool. 2,110,355; Mar. 8.
- Brown, Cicero C., Houston, Tex. Sealing off pipe in wells. 2,111,062; Mar. 15.
- Brown, Cicero C., Houston, Tex. Completing wells. 2,114,521; Apr. 19.
- Brown, Cicero C., Houston, Tex. Combined back pressure valve and wall scraper. 2,117,836; May 17.
- Brown, Cicero C., Houston, Tex. Back off setting device. 2,123,930; July 19.
- Brown, Cicero C., Houston, Tex. Well packer. 2,138,569; Nov. 29.
- Brown, Clarence E., Benton Harbor, Mich. Self-locking vent. 2,113,872; Apr. 12.
- Brown, Clarence E., Benton Harbor, Mich. Camp stove. 2,133,421; Oct. 18.
- Brown, Clec E. (See Atkinson, J. F., and Brown.)
- Brown Company. (See Ayers, Fred L., assignor.)
- Brown Company. (See Brown, Orton E., assignor.)
- Brown Company. (See Fish, J., and Barea, assignors.)
- Brown Company. (See Richter, George A., assignor.)
- Brown Company. (See Richter, G. A., and Lovering, assignors.)
- Brown Company. (See Richter, G. A., and McMurtrie, assignors.)
- Brown Company. (See Richter, G. A., and Vannah.)
- Brown Company. (See Schur, Milton O., assignor.)
- Brown, Davis, Los Angeles, Calif. Method and machine for making clay shingles. 2,113,717; Apr. 12.
- Brown, Edward. (See Brown, John and E.)
- Brown, Edward D. and G. H., Brooklyn, N. Y. Relaxer. 2,140,310; Dec. 13.
- Brown, Ernest K. (See Wilson, R. R., Brown, and White.)
- Brown, Eugene T., Seattle, Wash. Safety bumper and collision indicator for automobiles. 2,120,459; June 14.
- Brown, Eugene T., Seattle, Wash. Fireplace screen and draft control. 2,124,135; July 19.
- Brown, Francis V., assignor to Automotive Products Company Limited, London, England. Hydraulic controlling apparatus. 2,110,416; May 31.
- Brown, Francis V., London, and A. Onwood, Southfields, London, assignors to Automotive Products Company Limited, London, England. Warning and indicating device for aircraft. 2,116,960; May 10.
- Brown, Frank J., assignor to Bastian Brothers Company, Rochester, N. Y. Name plate. 2,120,854; June 14.
- Brown, Frank K., South Dartmouth, assignor to Continental Screw Company, New Bedford, Mass. Screw with locked head and plurality of slots. 2,140,449; Dec. 13.
- Brown, Fred D., Roanoke, Va. Shoeshine hose protector. 2,141,510; Dec. 27.
- Brown, Fred O. C., Grand Rapids, Mich. Cuff. 2,105,471; Jan. 18.
- Brown, Frederick R., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Adjustable depth chuck. 2,118,485; May 24.
- Brown, George H., Haddonfield, and D. G. C. Luck, Woodbury, N. J., assignors to Radio Corporation of America. Radio transmitter for direction finding devices. 2,112,824; Apr. 5.
- Brown, George R., Shaker Heights, assignor to The North American Manufacturing Company, Cleveland, Ohio. Valve. 2,108,959; Feb. 22.
- Brown, Glinn R., assignor of one-third to J. E. Crawford and one-third to H. G. Crawford, Bartlesville, Okla. Well pump. 2,133,890; Oct. 18.
- Brown, Gouverneur G., Ashuelot, N. H. Socket connection. 2,122,244; June 28.
- Brown, Grace H. (See Brown, Elward D. and G. H.)
- Brown Gravity-Meter Corporation. (See Brown, Hart, assignor.)
- Brown Grease Gun Corporation. (See Frohman, Harry, assignor.)
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,112,648; Mar. 29.
- Brown, Hart, assignor to Brown Gravity-Meter Corporation, Houston, Tex. Force measuring device. 2,125,282; Aug. 2.
- Brown, Henry. (See Soderberg, K. G., and Brown.)
- Brown, Henry W., Providence, R. I. Combined drainage support and holder for flower pots. 2,120,599; June 14.
- Brown, Herman E., New Brunswick, N. J. Manufacture of a therapeutic organic compound. 2,135,031; Nov. 1.
- Brown, Howard J., Cawker City, Kans. X-Ray apparatus. 2,132,774; Oct. 11.
- Brown, Hugh C. (See Short, I., and Brown.)
- Brown, Hugo, and W. C. Nicodemus, Barberton, Ohio, assignors to The Diamond Match Company, New York, N. Y. Mechanism for assembling match pockets and the like. 2,141,460; Dec. 27.
- Brown Instrument Company, The. (See Fisher, Andrew J., assignor.)
- Brown Instrument Company, The. (See Harrison, Thomas R., assignor.)
- Brown Instrument Company, The. (See Harrison, T. R., Grauel, and Kessler, assignors.)
- Brown Instrument Company, The. (See Harrison, T. R., and Side, assignors.)
- Brown Instrument Company, The. (See Krogh, Anker E., assignor.)
- Brown Instrument Company, The. (See Moore, Coleman B., assignor.)
- Brown Instrument Company, The. (See Moore, C. B., and Krogh, assignors.)
- Brown, James C. (See Frederics, E. O., and Brown.)
- Brown, James C., Mount Vernon, assignor to E. Frederics, Inc., New York, N. Y. Method of and composition for waving hair. 2,115,156; Apr. 26.
- Brown, James V. (See Thornburg, H. A., and Brown.)
- Brown, Jesse B., assignor, by mesne assignments, to Velvet Power Brake Company, Detroit, Mich. Vacuum brake structure. 2,124,454; July 19.
- Brown, Jesse B., assignor, by mesne assignments, to Velvet Power Brake Company, Detroit, Mich. Auxiliary brake and clutch control means for automotive delivery wagons and trucks. 2,133,764; Oct. 18.
- Brown, Jesse J., Syracuse, N. Y. Resistance welding method. 2,109,461; Mar. 1.
- Brown, John and E., Wednesbury, England. Rotary valve for internal combustion engines. 2,137,129; Nov. 15.
- Brown, John E., assignor of one-half to F. H. Gasser, Amherst, Ohio. Fish lure. 2,119,417; May 31.
- Brown, John W., Baltimore, Md., assignor to Continental Oil Company, Ponca City, Okla. Apparatus for removing oil from water. 2,117,273; May 17.
- Brown, Joseph A., Colorado, Tex., assignor of one-half to The Philip Carey Manufacturing Company. Fire protection unit. 2,133,376; Oct. 18.
- Brown, Joseph H., Brooklyn, N. Y., assignor to Celluloid Corporation. Article and material containing organic derivatives of cellulose. 2,121,013; June 21.
- Brown, Joseph H., Brooklyn, N. Y., assignor to Celluloid Corporation. Pleating film. 2,130,838; Sept. 20.
- Brown, Kenneth C., et al. (See Rugh, Harry O., assignor.)
- Brown, Kenneth R. (See Power, J. T., and Brown.)
- Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Accelerated maturing of distilled spirits. 2,114,331; Apr. 19.
- Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Recovery of polyhydric alcohols. 2,116,665; May 10.
- Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Resinous esterification products of inner ethers and making same. 2,134,429; Oct. 25.
- Brown, Lawrence E., North Quincy, assignor to L. O. Erikson, Malden, Mass. Connector. 2,134,170; Oct. 25.
- Brown, Lee S., and J. P. Dolac, Worland, Wyo. Prowound casting reel. 2,116,959; May 10.
- Brown, Lennal G., Oklahoma City, Okla. Sunshade. 2,110,803; June 7.
- Brown, Leopold, Chicago, Ill. Cutting machine. 2,134,171; Oct. 25.
- Brown, Mae H., Polk, Mo. Water bag. 2,116,009; May 3.
- Brown, Marshall H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alloy. 2,109,285; Feb. 22.
- Brown, Marvin, New York, N. Y. Clasp for garment supporters and the like. 2,131,224; Oct. 25.
- Brown, Morris, Detroit, Mich. Carburetor choke control mechanism. 2,124,504; July 19.



- Brown, Morris, La Grange, and A. M. Wagner, Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Chromium plating. 2,127,640; Aug. 23.
- Brown, Newton N. (See Gittings, W. L., and Brown.)
- Brown, Ora A., South Gate, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Releasing spear. 2,106,235; Jan. 25.
- Brown, Orton B., assignor to Brown Company, Berlin, N. H. Apparatus for mixing and reacting purposes. 2,122,173; June 28.
- Brown, Orton B., assignor to Brown Company, Berlin, N. H. Apparatus for mixing and reacting purposes. 2,122,174; June 28.
- Brown, Otto W., Milwaukee, assignor to Wisconsin Machinery and Manufacturing Company, West Allis, Wis. Slipper-type piston blank. 2,123,165; July 12.
- Brown, Peter B., Sheffield, England. Gyrotary crushing machine. 2,135,324; Nov. 1.
- Brown, Ralph W., Shorewood, assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,130,314; Sept. 13.
- Brown, Ray, Pittsburgh, Pa. Securing means. 2,118,372; May 24.
- Brown, Raymond S., Columbus, Ind. Loose leaf binder. 2,120,086; June 7.
- Brown, Reynolds D., Jr., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Regulator system. 2,120,884; June 14.
- Brown, Robert C., assignor to Du-All Scaffold Bracket Company, Columbus, Ohio. Trestle. 2,132,285; Oct. 4.
- Brown, Robert H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,106,827; Feb. 1.
- Brown, Robert N., assignor to Packard Motor Car Company, Detroit, Mich. Method of and apparatus for plating. 2,115,616; Apr. 26.
- Brown, Robert R., Upper Montclair, N. J., assignor to Outserts, Incorporated, New York, N. Y. Folder for containers. 2,127,081; Aug. 16.
- Brown, Roderick F., Altus, Okla. Suction tonsillectome. 2,115,298; Apr. 26.
- Brown & Root, Inc. (See Dunham, Robert M., assignor.)
- Brown, Roy L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer tank structure. 2,121,583; June 21.
- Brown, Roy W., Akron, Ohio. Pneumatic suspension device. 2,133,279; Oct. 18.
- Brown, Russell L., Lowell, Mass., assignor to California Process Company, Los Angeles, Calif. Method and apparatus for opening, carding, and cleaning fibrous material. 2,136,839; Nov. 15.
- Brown & Sharpe Manufacturing Company. (See Graves, Benjamin F., assignor.)
- Brown & Sharpe Manufacturing Company. (See James, Hugh, assignor.)
- Brown and Sharpe Manufacturing Company. (See Krause, August L., assignor.)
- Brown & Sharpe Manufacturing Company. (See Maglott, George F., assignor.)
- Brown & Sharpe Manufacturing Company. (See Miner, Irving O., assignor.)
- Brown & Sharpe Manufacturing Company. (See Moo, Gothard T., assignor.)
- Brown & Sharpe Manufacturing Company. (See Parker, John W., assignor.)
- Brown & Sharpe Manufacturing Company. (See Rich, Charles A., assignor.)
- Brown, Sidney C., London, England. Variator for weight integrating devices. 2,134,298; Oct. 25.
- Brown, Spencer M., deceased, by C. C. Brown, administrator, Los Angeles, Calif. Interchanging sign. 2,139,149; Dec. 6.
- Brown, Steffen A., assignor to The Brown-Brockmeyer Co., Inc., Dayton, Ohio. Mounting means. 2,115,569; Apr. 26.
- Brown, Thomas C., San Francisco, Calif., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Record shaving machine. 2,137,383; Nov. 22.
- Brown, Thomas E., Jr., Tuxedo Park, N. Y. Scoring means for game boards. 2,117,398; May 17.
- Brown, Thomas F. W. (See Ford, E. L., and Brown.)
- Brown, Walter J. (See Kinross, R. I., and Brown.)
- Brown, Walter O., Detroit, Mich. Radio cabinet. 2,108,846; Feb. 22.
- Brown, William, Detroit, Mich. Method and apparatus for producing felted fiber insulation. 2,107,779; Feb. 8.
- Brown, William, assignor to McAdoo & Allen Welting Company, Quakertown, Pa. Goodyear wetting and making same. 2,138,396; Nov. 29.
- Brown, William, assignor to McAdoo & Allen Welting Company, Quakertown, Pa. Leather welt. 2,140,047; Dec. 13.
- Brown, William A., Connellsville, Pa., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Cast iron and the manufacture thereof. 2,119,521; June 7.
- Brown, William E. (See Dyer, J. B., and Brown.)
- Brown, William E., Oakland, Calif. Door latch. 2,107,687; Feb. 8.
- Brown, William H., et al. (See Saracco, Peter, assignor.)
- Brown, William O., North Hollywood, Calif. Citrus fruit juice extractor. 2,130,610; Sept. 20.
- Brown, William S., Knoxville, Tenn. Power reverse mechanism. 2,112,760; Mar. 29.
- Brown, William T., assignor to Fibre Processing Limited, Wellington, New Zealand. Apparatus for the treatment of fibers. 2,108,578; Feb. 15.
- Brown, Wolfe W., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal strip. 2,140,894; Dec. 20.
- Browne, Burton, Chicago, Ill., assignor to Supreme Instruments Corporation. Metering device. 2,112,516; Mar. 29.
- Browne, Cecil O., West Acton, London, assignor to Electric and Musical Industries Limited, Hayes, England. Television transmitter. 2,122,974; July 5.
- Browne, Cecil O., West Acton, London, and J. Hardwick, West Drayton, assignors to Electric and Musical Industries Limited, Middlesex, England. Picture and sound transmission. 2,124,394; July 19.
- Browne, Cecil O., West Acton, London, assignor to Electric and Musical Industries Limited, Hayes, England. Television and the like system. 2,133,422; Oct. 18.
- Browne, Kenneth A., Paterson, N. J., assignor to Wright Aeronautical Corporation. Fuel metering and distributing system. 2,137,384; Nov. 22.
- Browne, Lindsay H., assignor, by mesne assignments, to Josiah Anstice & Co. Inc., Rochester, N. Y. Motor car control device. 2,106,401; Jan. 25.
- Browne, Lindsay H., Pittsford, N. Y., assignor to Kellogg Compressor and Manufacturing Corporation. Compressor structure. 2,117,601; May 17.
- Browne, Lindsay H., assignor to Josiah Anstice & Co. Inc., Rochester, N. Y. Motor car control. 2,123,074; July 5.
- Browne, Lindsay H., Pittsford, N. Y., assignor to Kellogg Compressor and Manufacturing Corporation. Bearing seal. 2,124,183; July 19.
- Browne, Lindsay H., Pittsford, N. Y., assignor to Kellogg Compressor and Manufacturing Corporation. Refrigerating apparatus. 2,136,097; Nov. 8.
- Browne, Lindsay H., Pittsford, N. Y., assignor to Kellogg Compressor and Manufacturing Corporation. Air compressing apparatus. 2,136,098; Nov. 8.
- Browne, Lindsay H., assignor to Josiah Anstice & Co., Inc., Rochester, N. Y. Automobile reverse control. 2,141,289; Dec. 27.
- Browne-Morse Company. (See Weesies, Menno E., assignor.)
- Browne, Patrick W. (See Gullo, S. S., and Browne.)
- Browne-Wintners Co. (See Wandell, James W., assignor.)
- Brownell, Byrd, Ely, Minn. Knife sheath. 2,117,937; May 17.
- Brownell, Earl C., Pasco, Wash. Portable sign. 2,130,945; Sept. 20.
- Brownell, Earl C., Pasco, Wash. Portable sign. 2,141,342; Dec. 27.
- Browner, Cecil M., Beaumont, Calif. Tunnel mucking apparatus. 2,107,688; Feb. 8.
- Brownfield, George W., Washington, D. C. Package and closure for the same. 2,112,477; Mar. 29.
- Browning, J. M. & M. S., Company. (See Browning, Marriner A., assignor.)
- Browning, J. M., and M. S., Company. (See Browning, Val A., assignor.)
- Browning, Marriner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Firing mechanism for automatic firearms. 2,116,139; May 3.
- Browning, Marriner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Firing mechanism for automatic firearms. 2,116,140; May 3.
- Browning, Marriner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Gas operated automatic firearm. 2,116,141; May 3.
- Browning, Marriner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Firearm. 2,118,536; May 24.
- Browning, Marriner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Repeating firearm. 2,127,838; Aug. 23.
- Browning, Marriner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Detachable barrel construction for firearms. 2,131,716; Sept. 27.
- Browning, Val A., Liege, Belgium, assignor to J. M. and M. S. Browning Company, Ogden, Utah. Repeating firearm. 2,104,581; Jan. 4.
- Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Repeating firearm. 2,108,648; Feb. 15.
- Brownjohn, Joseph H., assignor to Imperial Typewriter Company Limited, Leicester, England. Teaching and practising typewriting. 2,109,442; Feb. 22.
- Brownlee, Harold J., Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Producing furfural. 2,140,572; Dec. 20.
- Brownlee, Robert L., assignor to Dreis & Krump Mfg. Company, Chicago, Ill. Hydraulic hold-down for squaring shears. 2,105,402; Jan. 11.
- Brownlee, Robert L., assignor to Dreis & Krump Mfg. Company, Chicago, Ill. Back gauge for squaring shears. 2,125,539; Aug. 2.
- Brownlee, Robert L., Chicago, Ill. Friction clutch. 2,135,384; Nov. 1.
- Brownscombe, Eugene R., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oils. 2,115,704; May 3.
- Brownson, Percy J., Hastings, Minn. Fly swatter. 2,136,233; Nov. 8.



- Brownstein, Arthur, Brooklyn, assignor to Deal Electric Company, Inc., New York, N. Y. Electrical attachment fitting. 2,110,197; Mar. 8.
- Brownstein, Benjamin, Ellwood City, Pa. Continuous tube or bar rolling mill. 2,140,414; Dec. 13.
- Browner, Nelson R., and L. R. Buckendale, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Resilient joint for use in car wheels and the like. 2,126,169; Aug. 9.
- Broyles, Wayne C. (See Smith, Benjamin F. and W. E., and Broyles.)
- Brozek, Stanley, Dearborn, Mich. Building block and wall made therefrom. 2,114,774; Apr. 19.
- Brozek, Stanley, Dearborn, Mich. Ventilated block and wall construction. 2,137,153; Nov. 15.
- Brozek, Stanley, Dearborn, Mich. Building block and wall construction ventilated horizontally and vertically. 2,138,724; Nov. 29.
- Brubaker, Jacob E., assignor to The Hubley Manufacturing Company, Lancaster, Pa. Toy pistol. 2,137,154; Nov. 15.
- Brubaker, Merlin M. (See Charch, W. H., Brubaker, and Meigs.)
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenolic compounds. 2,110,077; Mar. 1.
- Brubaker, Merlin M., Wilmington, Del., and L. P. Hubbuch, Springfield, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial leather. 2,121,684; June 21.
- Brubaker, Phares S., Sterling, Ohio. Dry apple butter. 2,115,191; Apr. 26.
- Bruce, Albert W., Ottumwa, Iowa. Apparatus for treating poultry. 2,105,107; Jan. 11.
- Bruce, Alvin B., Kansas City, Mo. Brake mechanism. 2,122,678; July 5.
- Bruce, Donald S., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Composite brake block. 2,136,585; Nov. 15.
- Bruce, Donald S., Somerville, and R. E. Berg, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Making vibration-damped structure. 2,106,792; Feb. 1.
- Bruce, E. L., Company. (See Bruce, Robert G., assignor.)
- Bruce, E. L., Company. (See Fellman, Evan L., assignor.)
- Bruce, E. L., Company. (See Gray, Milton, assignor.)
- Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio communication system. 2,133,806; Oct. 18.
- Bruce, John M., New York, N. Y. Method and apparatus for cooling brew. 2,140,895; Dec. 20.
- Bruce, John M., New York, N. Y. Liquid cooling system. 2,140,896; Dec. 20.
- Bruce, Robert G., assignor to E. L. Bruce Company, Memphis, Tenn. Wood block flooring. 2,113,076; Apr. 5.
- Bruce, William M., Mount Holly, N. J., and R. Riley, Long Island City, assignors to The Permutit Company, New York, N. Y. Altered glauconite and method of altering. 2,139,299; Dec. 6.
- Brüche, Ernst, Berlin-Reinickendorf, assignor to Allgemeine Elektrizität Gesellschaft, Berlin, Germany. Braun tube. 2,122,555; July 5.
- Brücke, Otto, Hochapeyer, Germany, assignor to American Lurgi Corporation, New York, N. Y. Hydrogenating fatty acids. 2,127,718; Aug. 23.
- Bruckmoser, Ludwig. (See Steinlein, G., and Bruckmoser.)
- Bruckner, Richard. (See Buschbeck, W., and Bruckner.)
- Bruckner, Richard, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter circuit. 2,138,138; Nov. 29.
- Bruckner, Richard, and R. Glütter, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Keying. 2,114,332; Apr. 19.
- Bruder, Edmund, Chicago, Ill. Smoking tube. 2,110,198; May 31.
- Bruder, Peter P., Wauwatosa, Wis. Electric lawn edge trimmer. 2,139,353; Dec. 6.
- Brucek, Theodore M., assignor to Ilex Optical Company, Rochester, N. Y. Shutter operating mechanism. 2,129,561; Sept. 6.
- Brucek, Theodore M., assignor to Ilex Optical Company, Rochester, N. Y. Lens and diaphragm assembly. 2,129,562; Sept. 6.
- Brucek, Theodore M., assignor to Ilex Optical Company, Rochester, N. Y. Lens and diaphragm assembly. 2,141,681; Dec. 27.
- Brucekmann, Earl C., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Discharge lamp. 2,113,314; Apr. 5.
- Brueggeman, Elmer C., Akron, assignor to Seiberling Latex Products Company, Barberton, Ohio. Deposited rubber and like article and making same. 2,132,096; Oct. 4.
- Buehl, Lawrence. (See Otto, S., and Buehl.)
- Bruengger, Heinrich. (See Graenacher, C., and Bruengger.)
- Bruengger, Heinrich. (See Graenacher, C., Bruengger, and Ackermann.)
- Bueske, George A. (See Stechbart, B., and Bueske.)
- Brugger, Emile, Valley Stream, N. Y. Automatic radio station selector. 2,104,714; Feb. 1.
- Brugger, Emile, Valley Stream, N. Y. Automatic radio control. 2,106,715; Feb. 1.
- Brugger, Ida W. (See Schlitz, John, assignor.)
- Brugmann, Herman H., Spencer, Iowa. Storm sash operating means. 2,117,540; May 17.
- Brüggmann, William F., Evanston, Ill. Printer's register hook. 2,124,728; July 26.
- Brüggmann, William F., Evanston, Ill. Printing plate mounting. 2,125,331; Aug. 2.
- Brühe, Herbert, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Antenna tensioning device. 2,134,027; Oct. 25.
- Brumback, Orville S., et al. (See Smith, David, C., assignor.)
- Brumbaugh, Andrew K., assignor to The White Motor Company, Cleveland, Ohio. Control mechanism for automotive vehicles. 2,117,016; May 10.
- Brummett, Charles N., Wharton, Tex. Directional drilling device. 2,119,095; May 31.
- Brump, Herbert L., and A. R. Lambert, Dayton, Ohio; said Brump assignor to said Lambert. Abrading and cutting apparatus. 2,120,928; June 14.
- Brumwell, Vincent B., San Diego, Calif. Automatic variable pitch propeller. 2,131,217; Sept. 27.
- Brun, Arne, and J. A. Honne, assignors to I. A. Honne, Oslo, Norway. Device for threading the needle in sewing machines. 2,108,474; Feb. 15.
- Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Chemical compound. Re. 20,718; May 10.
- Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,111,203; Mar. 15.
- Brun, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Basic lead styphate and making it. 2,137,234; Nov. 22.
- Brun, Willi, and J. E. Burns, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Ammunition. 2,116,878; May 10.
- Brundage, Alfred H., Maplewood, N. J. Filter unit. 2,141,903; Dec. 27.
- Brundred Oil Corporation. (See Brundred, William J., assignor.)
- Brundin, Harold E., assignor to C. F. Schaub, Longview, Wash. Egg carton. 2,113,459; Apr. 5.
- Brundred, William J., assignor to Brundred Oil Corporation, Oil City, Pa. Oil production apparatus. 2,133,730; Oct. 18.
- Bruene, Otto, Wangen/Allgau, assignor to Zellstofffabrik Waldhof, Mannheim-Waldhof, Germany. Cellulose cooking process. 2,140,218; Dec. 13.
- Bruner, Donald L., Coral Gables, Fla. Retractable landing light. 2,105,137; Jan. 11.
- Bruner, Donald L., Coral Gables, Fla. Retractable landing light. 2,124,050; July 19.
- Bruner, Ralph R., and L. R. Redden, Loma Linda, Calif. Orchard heater. 2,130,227; Sept. 13.
- Brunhoff Manufacturing Company, The. (See Karst, Clarence E., assignor.)
- Brunhuber, Rudolf. (See Locke, K., and Brunhuber.)
- Brüning, Hans, and O. Schüller, assignors to the firm of W. C. Heraeus, G. m. b. H., Hanau, Germany. Drying box and incubator. 2,112,731; Mar. 29.
- Brüning, Paul, Berlin, Germany. Tens carry mechanism. 2,114,650; Apr. 19.
- Brunk, Harold J., and F. F. Doerich, assignors to The C. F. Pease Company, Chicago, Ill. Carbon holder. 2,111,316; Mar. 15.
- Brunk, Harold J., and M. Dickason, Chicago, Ill., assignor to The C. F. Pease Company. Manufacture and development of light-sensitive coated paper. 2,141,103; Dec. 20.
- Brunke, Fritz, Berlin-Steglitz, Germany, assignor to General Electric Company. Producing dry plate elements for selenium rectifiers and the like. 2,137,831; Nov. 22.
- Brunker, George N., Salt Lake City, Utah. Weather strip for closures. 2,126,726; Aug. 16.
- Brunker, George N., Salt Lake City, Utah. Weather strip for closures. 2,126,727; Aug. 16.
- Brunkow, Alvin F., Alma, Wis. Speed control for welding machines. 2,139,931; Dec. 13.
- Brunner, Anton, assignor to Friedrich Deckel, Munich, Germany. Pump. 2,130,521; Sept. 20.
- Brunner, Arnold, Frankfurt-on-the-Main Höchst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-soluble addition compounds, containing sulphur, of alkyl or aralkyl halides and preparing them. 2,111,260; Mar. 15.
- Brunner, Arnold, H. Greune, M. Thiele, and K. Thies, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff sulphone acids of the diazine series and process of preparing them. 2,134,505; Oct. 25.
- Brunner, Cora M., executrix. (See Brunner, John.)
- Brunner, John, deceased, Chicago, Ill.; C. M. Brunner executrix. Cooling rails. 2,129,670; Sept. 13.
- Brunner, John, deceased, Chicago, Ill.; C. M. Brunner executrix. Manufacturing wheels. 2,129,671; Sept. 13.
- Brunner, Karl H., Bogota, Colombia. Prefabricated cub units for small houses. 2,115,615; Apr. 26.
- Brunner, Robert L., et al. (See Matula, Nicholas, assignor.)



- Brunner, Walter. (See Zerweck, W., Kunze, and Brunner.)
- Brünnert, Otto. (See Severin, E., and Brünnert.)
- Bruno, Basilio D., La Salle, Ill. Boiler construction. 2,115,614; Apr. 26.
- Bruno, Frank, et al. (See Kushner, Frank, assignor.)
- Bruno, William A., New York, N. Y. Microphone. 2,130,946; Sept. 20.
- Bruns, Clarence H., Madison, Wis. Electric door lock for automobiles. 2,139,183; Dec. 6.
- Bruns, William H. (See Dunn, E. L., and Bruns.)
- Bruns, William H., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Electromagnetic control device. 2,125,149; July 26.
- Bruns, William H., Lindolndale, assignor to Otis Elevator Company, New York, N. Y. Electromagnetic control device. 2,125,150; July 26.
- Brunskill, Frederick, Liverpool, England. Wallet. 2,130,454; Sept. 20.
- Brunst, Henry C. (See Kotraschek, L. C., and Brunst.)
- Brunstrum, Lawrence C. (See MacLaren, F. H., and Brunstrum.)
- Brunstrum, Lawrence C., assignor to Standard Oil Company, Chicago, Ill. Grease. 2,108,644; Feb. 15.
- Brunstrum, Lawrence C., Chicago, Ill., and E. W. Adams, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Grease. 2,108,643; Feb. 15.
- Brunstrum, Lawrence C., Chicago, and F. H. MacLaren, Calumet City, assignors to Standard Oil Company, Chicago, Ill. Acid resistant and metal adherent compositions of matter and making same. 2,119,522; June 7.
- Brunswick-Balke-Collender Company, The. (See Matteson, J. O., and Hansen, assignors.)
- Brunswick-Balke-Collender Company, The. (See McKenzie, Herman E., assignor.)
- Brunswig, Heinrich. (See Kramar, E., and Brunswig.)
- Brunt & Company. (See Brunt, J. P., and Maston, assignors.)
- Brunt, John P., Chicago, and E. E. Maston, Wilmette, assignors to Brunt & Company, Chicago, Ill. Box. 2,106,907; Feb. 1.
- Brunt, John P., Chicago, and E. E. Maston, Wilmette, assignors to Brunt & Company, Chicago, Ill. Channel-vented box. 2,106,908; Feb. 1.
- Brunt, John P., Chicago, and E. E. Maston, Wilmette, assignors to Brunt & Company, Chicago, Ill. Thickness gauge. 2,138,290; Nov. 29.
- Brus, Emile P., Kansas City, Mo., assignor, by mesne assignments, to Air Conditioning Equipment Inc. Air conditioning device. 2,133,343; Oct. 18.
- Brush, Abbott P., Greenwich, Conn. Flashlight. 2,120,238; June 14.
- Brush, Corning S. (See Monnier, J. A., and Brush.)
- Brush Development Company, The. (See Sawyer, Charles B., assignor.)
- Brush Development Company, The. (See Sawyer, C. B., Tower, and Williams, assignors.)
- Brush Development Company, The. (See Williams, Alfred L. W., assignor.)
- Brush, John G. (See Davis, C. F., Brush, and Peck.)
- Bruski, Sylvester D. J. (See Glenzinski, Edward R., assignor.)
- Bruso, William F., Worcester, Mass. Game apparatus. 2,141,948; Dec. 27.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Sulphonated alkyl-aryloxy-alkylols. 2,106,716; Feb. 1.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Organic compounds containing ether and thio ether linkages. 2,107,366; Feb. 8.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Polysulphonates of aromatic polyalkylene ethers. 2,107,367; Feb. 8.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Hydroxyaralkylamino organic sulphonates. 2,112,434; Mar. 29.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Aryloxy polyalkylene ether sulphonates. 2,115,192; Apr. 26.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Organic nitrogen bases and their salts. 2,115,250; Apr. 26.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Plasticizer and method for manufacturing. 2,117,293; May 17.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Chloroether esters of dibasic acids. 2,120,544; June 14.
- Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Aromatic polyether amines. 2,132,674; Oct. 11.
- Bruson, Herman A., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Alcohols and making same. 2,114,122; Apr. 12.
- Bruson, Herman A., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Compositions and process. 2,125,885; Aug. 9.
- Bruson, Herman A., and L. W. Covert, assignors to Röhm & Haas Company, Philadelphia, Pa. Reaction product and process. 2,106,452; Jan. 25.
- Bruson, Herman A., Elkins Park, and O. Stein, Lansdowne, assignors to Röhm & Haas Company, Philadelphia, Pa. Reaction products of a primary alcohol and a tertiary aralkyl amine sulphuric acid salt. 2,127,103; Aug. 16.
- Bruson, Herman A., and J. W. Eastes, assignors to Röhm & Haas Company, Philadelphia, Pa. Acylated ethers and making same. 2,132,675; Oct. 11.
- Brusse, Lester W., Houston, Tex. Wall construction. 2,109,719; Mar. 1.
- Brussell, David. (See Askin, Morris W., assignor.)
- Brussell, Jacob, New York, N. Y., assignor to I. Friedman, Roselle, N. J. Open stitch sewing machine. 2,136,781; Nov. 15.
- Bryan, Arthur H., Baltimore, Md. Valence block for illustrating chemical reactions. 2,140,103; Dec. 13.
- Bryan, Bert, La Fayette, Ind. Ironing table. 2,134,431; Oct. 25.
- Bryan, Clare, Chicago, Ill. Fishhook. 2,106,370; Jan. 25.
- Bryan, Harry F., Chicago, Ill., assignor to International Harvester Company. Carburetion system for engines. 2,123,522; July 12.
- Bryan, Thomas E., Oklahoma City, Okla. Fluid producing apparatus. 2,128,073; Aug. 23.
- Bryan, Thomas E., Oklahoma City, Okla. Well flowing apparatus. 2,128,074; Aug. 23.
- Bryan, Thomas E., Oklahoma City, Okla. Gas lift valve. 2,137,441; Nov. 22.
- Bryant, Beatrice G., Oklahoma City, Okla. Envelope vanity. 2,104,361; Jan. 4.
- Bryant Electric Company, The. (See Forstrom, Edward E., assignor.)
- Bryant Electric Company, The. (See Johnson, George A., assignor.)
- Bryant Electric Company, The. (See Webster, Benjamin C., assignor.)
- Bryant Heater Company, The. (See Beam, Vilynn O., assignor.)
- Bryant Heater Company, The. (See Fox, Otto, assignor.)
- Bryant Heater Company, The. (See Stark, W. E., and Patterson, assignors.)
- Bryant, Jerrus M., Indianapolis, Ind., assignor to Link-Belt Company. Cotter for roller chains. 2,130,063; Sept. 13.
- Bryant, John W., Jr., Minneapolis, Minn. Bronze alloy. 2,129,197; Sept. 6.
- Bryant, Newton W. (See Björnson, B. G., and Bryant.)
- Bryant, Raymond W., Grand Coulee, Wash. Compressed air operated pump. 2,141,427; Dec. 27.
- Bryant, Robert C., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacture of flexible abrasive articles. 2,108,645; Feb. 15.
- Bryant, Robert C., assignor, by mesne assignments, to Carborundum Company, Niagara Falls, N. Y. Curved abrasive fabric. 2,115,904; May 3.
- Bryant, Roy B., Dallas, Tex. Razor. 2,127,717; Aug. 23.
- Bryant, Stanley C., Des Plaines, Ill., assignor to General Railway Signal Company, Rochester, N. Y. Flashing light signal. 2,132,097; Oct. 4.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,106,476; Jan. 25.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,106,477; Jan. 25.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Multiplying device. 2,113,229; Apr. 5.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,120,228; June 14.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing and accounting machine. 2,129,645; Sept. 13.
- Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Synchronous clock system. 2,135,935; Nov. 8.
- Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Automatic decimal point selecting device for accounting machines. 2,141,598; Dec. 27.
- Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Statistical machine. 2,124,906; July 26.
- Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,131,913; Oct. 4.
- Bryce, James W., Glen Ridge, N. J., assignor to International Business Machine Corporation, New York, N. Y. Checking device for multiplying machines. 2,141,599; Dec. 27.
- Bryce, James W., Bloomfield, N. J., and G. F. Daly, Johnson City, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,138,337; Nov. 29.



- Bryce, William H., Memphis, Tenn., assignor to Dixie Wax Paper Company, Dallas, Tex. Manufacturing moisture and moisture vaporproof papers. 2,118,152; May 24.
- Brye, Carl S., Minnewaukan, N. Dak. Feed mechanism for grain separators. 2,135,099; Nov. 1.
- Brye, Carl S., Minnewaukan, N. Dak. Seed separator. 2,138,021; Nov. 29.
- Brykczynski, Charles S. (See Kosman, J., and Brykczynski.)
- Brykczynski, Charles S., and J. Kosman, Brooklyn, assignors to Geo. F. Stuhmer & Company, New York, N. Y. Bread loaf forming machine. 2,136,487; Nov. 15.
- Bryson, George W. (See Owen, J. E., and Bryson.)
- Bub, George L. (See Matteson, N. F., Bub, and Moore.)
- Bubar, Hudson H., New York, N. Y. Dust collecting apparatus. 2,122,511; July 5.
- Bubblestone Company, The. (See Rice, John A., assignor.)
- Bublitz, Edward J., Chicago, Ill. Ornamental tree. 2,129,563; Sept. 6.
- Bublitz, Otto J., Milwaukee, Wis. Apparatus for treating steam heating systems. 2,115,971; May 3.
- Buc, Hyym E. (See Rosen, R., Buc, and Lebo, assignors.)
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Alkyl phenols. 2,104,412; Jan. 4.
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Petroleum phenolic material. 2,134,547; Oct. 25.
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Sulphation of chlorhydrins. 2,139,669; Dec. 13.
- Bucci, Marc A., Hoboken, N. J. Milking cow toy. 2,106,562; Jan. 25.
- Buccicone, Dario, Gary, Ind. Sheet guide. 2,108,364; Feb. 15.
- Buccicone, Dario, Gary, Ind. Feed regulating device. 2,141,104; Dec. 20.
- Buchach, Edward M., assignor to Howard Safety Window, Inc., Milwaukee, Wis. Window construction. 2,119,199; May 31.
- Buchanan, Arthur J., assignor, by mesne assignments, to Southern Dyestuff Corporation, Charlotte, N. C. Dyeing. 2,130,415; Sept. 20.
- Buchanan, Arthur J., assignor, by mesne assignments, to Southern Dyestuff Corporation, Charlotte, N. C. Dyeing. 2,130,416; Sept. 20.
- Buchanan, Edward S., Riverdale, N. J. Coaster brake. 2,137,562; Nov. 22.
- Buchanan, Ferdinand C., assignor of one-half to A. A. Kramer, and one-half to Butler Manufacturing Company, Kansas City, Mo. Combination trailer tank and stake body. 2,119,772; June 7.
- Buchanan, Gordon, East Orange, N. J., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Crusher frame. 2,125,666; Aug. 2.
- Buchanan, James R., and T. W. Watts, Manchester, England. Watering-can roses. 2,124,184; July 19.
- Buchanan, John C., Detroit, Mich., assignor to Borg-Warner Corporation. Refrigerating apparatus. 2,107,562; Feb. 8.
- Buchanan, John C., Ypsilanti, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,129,342; Sept. 6.
- Buchanan, John C., Detroit, Mich., assignor to Borg-Warner Corporation. Refrigerating apparatus. 2,134,101; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,123,179; July 12.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Two temperature refrigerating apparatus. 2,123,497; July 12.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,123,498; July 12.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,948; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,949; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus and method. 2,133,950; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating method and apparatus. 2,133,952; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,953; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,954; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for two-temperature refrigerators. 2,133,955; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,956; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,959; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,961; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,964; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and apparatus for controlling refrigerating machines. 2,133,966; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for refrigerating apparatus. 2,133,967; Oct. 25.
- Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling system for compressors. 2,139,996; Dec. 13.
- Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,117,112; May 10.
- Buchanan, William E., assignor to Appleton Wire Works, Inc., Appleton, Wis. Wire fabric joint and producing same. 2,141,706; Dec. 27.
- Büche, Karl. (See Fulda, W., Wiedbrauck, and Büche.)
- Büche, Karl. (See Wiedbrauck, E., Schrader, and Büche.)
- Buchel, Johannes A., and R. N. J. Saal, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Refining mineral oil. 2,124,606; July 26.
- Bucher, Emmy, New York, N. Y. Hood for baby carriages. 2,134,855; Nov. 1.
- Bucher, Joseph, Oak Park, and E. F. Tullar, Wheaton, Ill., assignors to Food Machinery Corporation, San Jose, Calif. Pressure cooler. 2,135,165; Nov. 1.
- Bucherer, Hans T., Munich, Germany. Preparing mixed esters from phenolaldehyde resins. 2,124,285; July 19.
- Büchi, Alfred, Winterthur, Switzerland. Slide valve controlled four-stroke cycle internal combustion engine. 2,108,365; Feb. 15.
- Büchi, Alfred, Winterthur, Switzerland. Supercharged internal combustion engine. 2,113,077; Apr. 5.
- Buchler, Clifford C., and S. H. Diggs, Casper, Wyo., assignors to Standard Oil Company, Chicago, Ill. Solvent extraction of mineral lubricating oils. 2,141,511; Dec. 27.
- Buchman, Edwin R., assignor to Research Corporation, New York, N. Y. Thiazole compounds and making them. 2,133,969; Oct. 25.
- Buchman, Irving, Seagate, N. Y. Pillow and cushion. 2,118,486; May 24.
- Buchmann, Ewald, and E. Hobbie, Berlin, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrical circuit control device. 2,111,386; Mar. 15.
- Büchner, Artur, and H. Neumann, Berlin-Siemensstadt, and H. Reinboth, Berlin, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Manufacturing permanent magnets. 2,124,607; July 26.
- Buchs, William L., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Gas cleaner. 2,129,490; Sept. 6.
- Buchser, John J. Fortress Monroe, Va. Electrolytic film removing apparatus. 2,117,294; May 17.
- Buchstein, Ferdinand, Minneapolis, Minn. Supra-pubic drain appliance. 2,133,130; Oct. 11.
- Buchwald, Herbert. (See Marx, E., and Buchwald.)
- Buchwald, Herbert, Berlin-Reinickendorf, and E. Marx, Braunschweig, Germany, assignors to General Electric Company. Electric current interrupter. 2,134,506; Oct. 25.
- Buchwalder, Henri, assignor of one-half to L'Esca Société Anonyme, Geneva, Switzerland. Internal combustion engine with auxiliary piston. 2,118,153; May 24.
- Buck, Clyde D., Fremont, Ind. Automatically operated gear shifting mechanism. 2,138,534; Nov. 29.
- Buck, Frederick W., Washington, D. C. Building. 2,105,854; Jan. 18.
- Buck, George D., St. Louis, Mo. Expanding tool. 2,115,251; Apr. 26.
- Buck, Mortimer P. (See Bieher, C. G., and Buck.)
- Buckhee, John C., Los Angeles, Calif. Rotary internal combustion engine. 2,114,674; Apr. 19.
- Buckendale, Lawrence R. (See Brownwyer, N. R., and Buckendale.)
- Buckeye Aluminum Company, The. (See Porter, Kirk F., assignor.)
- Buckeye Iron & Brass Works. (See Anderson, Robert C., assignor.)



- Buckeye Laboratories, Inc., The. (See Dunmire, Russell P., assignor.)
- Buckeye Portable Tool Company, The. (See Smith, William A., Jr., assignor.)
- Buckeye Steel Castings Company, The. (See Bower, Jerome G., assignor.)
- Buckeye Steel Castings Company. (See Einwaechter, Frederick H., Jr., assignor.)
- Buckeye Steel Castings Company, The. (See Johnson, G. T., and Wolfe, assignors.)
- Buckeye Steel Castings Company, The. (See Larsen, Jacob C., assignor.)
- Buckeye Steel Castings Company, The. (See Wolfe, Harry H., assignor.)
- Buckeye Traction Ditcher Company, The. (See Bennett, R. N., and George, assignors.)
- Buckeye Traction Ditcher Company, The. (See George, Charles L., assignor.)
- Buckeye Traction Ditcher Company, The. (See Miller, George E., assignor.)
- Buckeye Traction Ditcher Company, The. (See Van Voorhis, William G., assignor.)
- Buckingham, Harold S., assignor to American Sealcone Corporation, New York, N. Y. Making receptacles. 2,117,295; May 17.
- Buckingham, Norris R., assignor to Atlas Drop Forge Company, Lansing, Mich. Balancing and center locating machine. 2,140,398; Dec. 13.
- Buckingham, Roy P., Baldwin, assignor of fifty per cent to G. C. MacLarty, Baltimore, Md. Combination sanitary pad and shield and harness therefor. 2,141,970; Dec. 27.
- Buckle, Francis W., Glanford Township, Ontario, Canada. Poultry feeder and waterer. 2,105,403; Jan. 11.
- Bucklein, Frank P., assignor to Axelson Manufacturing Co., Los Angeles, Calif. Tailstock for lathes. 2,115,094; Apr. 26.
- Bucklen, Herbert E. (See Bear, P. S., and Bucklen.)
- Bucklen-Bear Laboratories, Inc. (See Bear, Paul S., assignor.)
- Bucklen-Bear Laboratories, Inc. (See Bear, P. S., and Bucklen, assignors.)
- Buckler, Charles H., Camden, N. J. Dancing footwear and a tap for dancing footwear. 2,124,458; July 19.
- Buckler, Rowland, Chicago, Ill. Electrotype plate and making the same. 2,136,840; Nov. 15.
- Buckles, James, Goose Creek, Tex. Inside pipe cutter. 2,130,580; Sept. 20.
- Buckley, Arthur B., Carshalton, England. Tappet mechanism. 2,119,096; May 31.
- Buckley, Glenn R., and W. A. McGrew, Oklahoma City, Okla. Paraffin cleaner. 2,141,508; Dec. 27.
- Buckley, James F., Levenshulme, Manchester, England. Supporting spring floors. 2,118,068; May 24.
- Buckley, John P., Washington, D. C. Telemetric broadcasting and recording apparatus. 2,121,184; June 21.
- Buckley, Leo P. (See Swingle, W. T., and Buckley.)
- Buckley, Michael F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening distributor. 2,113,571; Apr. 12.
- Buckley, Milford A., assignor to Carley Heater Company, Inc., Olean, N. Y. Leather polishing apparatus. 2,109,687; Mar. 1.
- Buckley, Timothy S., Jackson Heights, N. Y. Identifying X-ray photographs. 2,120,064; June 7.
- Bucklin, Harrison, Rochester, N. Y. Vehicle. 2,127,104; Aug. 16.
- Bucklin, Kenneth G. (See Haines, D. G., and Bucklin.)
- Bucknam, James H., Cranford, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,129,672; Sept. 13.
- Bucknam, James H., Cranford, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for welding. 2,130,261; Sept. 13.
- Buckner, Ernest G., North Hollywood, Calif. Coin container and assorter. 2,119,773; June 7.
- Buckner, William A., Fresno, Calif. Variable speed rotary sprinkler. 2,119,312; May 31.
- Buckner, William A., Fresno, Calif. Quick coupling valve with resilient cover. 2,121,244; June 21.
- Buckton, Ernest J., London, England. Shock absorbing marine berthing device. 2,120,545; June 14.
- Buckwalter, Raymond D., Lancaster, Pa. Baling wire. 2,136,732; Nov. 15.
- Buckwalter, Ross H., Joliet, assignor to Star Peerless Wall Paper Mills, Chicago, Ill. Method and apparatus for drying. 2,133,424; Oct. 18.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive crosshead safety construction. 2,110,104; Mar. 1.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,126,985; Aug. 16.
- Buckwalter, Tracy V., and J. Hektner, assignors to The Timken Roller Bearing Company, Canton, Ohio. Driving axle construction. 2,126,612; Aug. 9.
- Buckwalter, Tracy V., and J. Hektner, assignors to The Timken Roller Bearing Company, Canton, Ohio. Driving axle construction. 2,126,613; Aug. 9.
- Bucky, Philip B., Mamaroneck, assignor to University Patents, Inc., New York, N. Y. Process of and machine for crushing and mixing. 2,130,064; Sept. 13.
- Bucy, Edmond H., Stamford, Conn., assignor to Atlas Powder Company, Wilmington, Del. Nonyellowing composition. 2,136,782; Nov. 15.
- Bucyrus-Erie Company. (See Lehman, Werner, assignor.)
- Bucyrus-Erie Company. (See Mork, George W., assignor.)
- Bucyrus-Erie Company. (See Paulsen, Thomas R., assignor.)
- Bucyrus-Erie Company. (See Ruhloff, Frederic C., assignor.)
- Bucyrus-Erie Company. (See Stevens, Paul S., assignor.)
- Bucyrus-Erie Company. (See Striehl, Carl E., assignor.)
- Buda Company, The. (See Gormley, Frank L., assignor.)
- Budd, Edward G., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Double-walled sheet metal structure and making. 2,108,795; Feb. 22.
- Budd, Edward G., Manufacturing Company. (See Budd, Edward G., assignor.)
- Budd, Edward G., Manufacturing Company. (See Dean, Albert G., assignor.)
- Budd, Edward G., Manufacturing Company. (See Dean, Walter B., assignor.)
- Budd, Edward G., Manufacturing Company, The. (See Fernberg, Eric B., assignor.)
- Budd, Edward G., Manufacturing Company. (See Heitman, Charles E., Jr.)
- Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
- Budd, Edward G., Manufacturing Company. (See Mungen, Theodore, assignor.)
- Budd, Edward G., Manufacturing Co. (See Ragsdale, Earl J. W., assignor.)
- Budd, Edward G., Manufacturing Company. (See Ragsdale, E. J. W., and Conwell, assignors.)
- Budd, Edward G., Manufacturing Company. (See Ragsdale, E. J. W., and Dean, assignors.)
- Budd Wheel Company. (See Eksergian, Carolus L., assignor.)
- Budd Wheel Company. (See Eksergian, C. L., and Gaenssle, assignors.)
- Budd Wheel Company. (See Eksergian, C. L., and Temple, assignors.)
- Budd Wheel Company. (See Farr, Warren H., assignor.)
- Budd Wheel Company. (See Hight, Franklin R., assignor.)
- Budd Wheel Company. (See Zerk, Oscar U., assignor.)
- Budenbom, Horace T., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,117,698; May 17.
- Budiloff, Nikolai. (See Jenny, A., and Budiloff.)
- Budnick, Frank O., Chicago, Ill. Making an electrode assembly. 2,136,932; Nov. 15.
- Budwig, Gilbert G. (See Bennett, V. R., and Budwig.)
- Budwig Manufacturing Company. (See Bennett, V. R., and Budwig, assignors.)
- Budzyna, Walter J., East Douglas, assignor to Draper Corporation, Hopedale, Mass. Cloth roll drive. 2,127,659; Aug. 23.
- Buechel, Francis J., Jr., Rochester, N. Y., assignor, by mesne assignments, to Automatic Signal Corporation. Automatic traffic signal system. 2,126,614; Aug. 9.
- Buechler, Gottlieb, Goodrich, N. Dak. Folding table leg. 2,117,239; May 10.
- Buechler, John A., Victoria, Tex. Pump lining. 2,121,068; June 21.
- Buedingen, William L., Irondequoit, N. Y. Dispensing device. 2,118,154; May 24.
- Buehler, Ezra C. (See Hammers, James E. and B. F., and Buehler.)
- Buehler, Hans. (See Henszey, R. O., Buehler, and Smart.)
- Buehler, Leon, Jr. (See Small, N. M., and Buehler.)
- Buehler, Leon, Jr., assignor to Frick Company, Waynesboro, Pa. Refrigeration system. 2,140,415; Dec. 13.
- Buehner, William F. A. (See Crary, Palmer H., assignor.)
- Buehner, William F. A., New York, N. Y. Shoe. 2,112,761; Mar. 29.
- Buehring, William J., Chicago, Ill., assignor to The Reliable Electric Company. Unit connector. 2,128,895; Sept. 6.
- Buehring, William J., assignor to Reliable Electric Co., Chicago, Ill. Cable terminal. 2,134,395; Oct. 25.
- Buell, Albert E. (See Chaney, L. V., and Buell.)
- Buell, Charles L., Xenia, Ohio, assignor to J. W. Anderson, Gary, Ind. Automatically adjusting razor. 2,126,728; Aug. 16.
- Buell, Edward J., Niagara Falls, N. Y., and F. D. Martin, Niagara Falls, Ontario, Canada. Method and apparatus for making joints in woven wire fabric. 2,113,265; Apr. 5.
- Buell, Edward J., Niagara Falls, N. Y., and F. C. Few, Niagara Falls, Ontario, Canada. Method and apparatus for making joints in woven wire fabric. 2,113,266; Apr. 5.
- Buell, John B., Pueblo, Calif. Sunshade for automobiles. 2,116,961; May 10.
- Buell, Roy C., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,120,855; June 14.
- Buell, Wales S., Dansville, assignor to Foster Wheeler Corporation, New York, N. Y. Heat exchange apparatus. 2,140,279; Dec. 13.
- Buente, Charles F., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Carrier. 2,120,639; June 14.
- Bueschel, Andrew E., assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill. Egg carton. 2,105,181; Jan. 11.



- Bueschel, Andrew E., assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill. Severable egg carton. 2,130,377; Sept. 20.
- Bueschel, Andrew E., Mokena, assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill. Carton structure. 2,130,378; Sept. 20.
- Buescher Band Instrument Company. (See Beers, Otis E., assignor.)
- Buescher Band Instrument Co. (See Todt, Edward B., assignor.)
- Buettell, Samuel E., assignor to Cross Parking Systems, Inc., Chicago, Ill. Vehicle storage system. 2,117,274; Buettner, Raymond J., and R. A. Found, West Allis, Wis., J. M. Muntner, Chicago, J. J. Neitz, Naperville, Ill., and F. C. Zanzig, Milwaukee, Wis., assignors to Dudley Lock Corporation, Chicago, Ill. Self-closing combination lock. Re. 20,791; July 12.
- Buff, Frank L., Wichita, Kans. Shell trimmer. 2,125,269; Aug. 2.
- Buffalo Bolt Company. (See Blasier, George F., assignor.)
- Buffalo Bolt Company. (See Jones, Harry B., assignor.)
- Buffalo Bolt Company. (See McLaughlin, John J., assignor.)
- Buffalo Brake Beam Company. (See Busch, Charles R., assignor.)
- Buffalo Electric Furnace Corporation. (See Seil, Gilbert E., assignor.)
- Buffalo Electro-Chemical Company. (See Kauffmann, Hans O., assignor.)
- Buffalo Fire Appliance Corporation. (See Leipold, Hugo, assignor.)
- Buffalo Forge Company. (See Tucker, William C., assignor.)
- Buffalo Foundry & Machine Co. (See Lavett, Charles O., assignor.)
- Buffalo Pressed Steel Company. (See Haas, Lucien L., assignor.)
- Buffalo Pressed Steel Company. (See Haas, L. L., and Starkweather, assignors.)
- Buffalo Pressed Steel Company. (See MacKenzie, Roy J., assignor.)
- Buffalo Pressed Steel Company. (See MacKenzie, R. J., Haas, and Starkweather, assignors.)
- Buffalo Pressed Steel Company. (See Prochnow, Felix E., assignor.)
- Buffalo Pressed Steel Company. (See Starkweather, Gail C., assignor.)
- Buffalo Pressed Steel Company. (See Starkweather, G. C., and Haas, assignors.)
- Buffalo-Springfield Roller Co., The. (See Aitken, Andrew W., assignor.)
- Buffalo-Springfield Roller Co., The. (See Greiner, C. F., and Aitken, assignors.)
- Buffalo Wire Works Co. (See Scheeler, Charles A., assignor.)
- Buhalow, Oscar T., Chattanooga, Tenn. Vibratory Massager. 2,122,556; July 5.
- Buffehr, Charles, Cheyenne, Wyo. Ice cubing machine. 2,129,116; Sept. 6.
- Buffington, Calvin A., Berkshire, N. Y. Folding chair. 2,128,912; Sept. 6.
- Bugatti, Ettore, Molsheim, France. Power transmitting mechanism for vehicles and especially railroad vehicles. 2,107,689; Feb. 8.
- Bugatti, Ettore, Molsheim, France. Internal combustion engine. 2,113,315; Apr. 5.
- Bugatti, Ettore, Molsheim, France. Coupling device for railroad vehicles. 2,115,095; Apr. 26.
- Bugatti, Ettore, Molsheim, France. Pane securing means. 2,129,404; Sept. 6.
- Bugatti, Ettore, Molsheim, France. Truck and wheel train especially intended for railroad vehicles. 2,129,405; Sept. 6.
- Bugatti, Jean, Molsheim, France. Making valves. 2,113,316; Apr. 5.
- Bugatti, Jean, Molsheim, France. Connecting rod. 2,120,016; June 7.
- Bugenhagen, George H., Minot, N. Dak. Air gun. 2,125,600; Aug. 2.
- Bugg, Kenly C., Farmington, Mo. Lock. 2,116,011; May 3.
- Bugg, Kenly C., Farmington, Mo. Gear mechanism. 2,137,524; Nov. 22.
- Bugg, Loyal L., Farmington, Mo. Game. 2,124,130; July 19.
- Bugge, Vernon M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,113,611; Apr. 12.
- Bugge, Vernon M., and J. D. Johnston, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Communication system. 2,111,138; Mar. 15.
- Bugge, Vernon T., Los Angeles, Calif., assignor of one-half to C. W. McAnally. Display device. 2,126,729; Aug. 16.
- Buggie, H. H., & Company. (See Cook, Everett J., assignor.)
- Bühler, Emil, Zurich, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Bee venom and obtaining the same. 2,112,828; Apr. 5.
- Bühler, Hans, Dortmund, assignor to Vereinigte Stahlwerke, Aktiengesellschaft, Düsseldorf, Germany. Joining together metal bottles. 2,115,840; May 3.
- Buhler, Henry W., Gloucester, Mass. Finishing welt. 2,107,467; Feb. 8.
- Bührer, Adolf, Zurich, Switzerland. Head for chimneys and air-shafts. 2,114,164; Apr. 12.
- Builders Iron Foundry. (See Thoresen, John C., assignor.)
- Bulfer, August J., Argo, and A. C. Horesi, Downers Grove, Ill., assignors to International Patents Development Company, Wilmington, Del. Starch product and making same. 2,115,157; Apr. 26.
- Bulford, Murray N., Augusta, Ga., assignor to United Merchants & Manufacturers, Inc., New York, N. Y. Cloth or fabric printing machine. 2,111,613; Mar. 22.
- Bulford, Murray N., Augusta, Ga., assignor to United Merchants & Manufacturers, Inc., New York, N. Y. Treating or processing cloth or fabric. 2,117,079; May 10.
- Bulkley, Ronald, Pitman, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,117,602; May 17.
- Bull, Benton A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of phosphoric acid and concentrated nitric acid. 2,130,483; Sept. 20.
- Bull, Cabot S. (See Shoenberg, I., Bull, and Rodda.)
- Bull, Cabot S., Hillingdon, and S. Rodda, Enfield, assignors to Electric and Musical Industries Limited, Middlesex, England. Electron discharge device. 2,107,518; Feb. 8.
- Bull, William R. (See Hoppert, F. D., Bull, and Simpson.)
- Bullard Company, The. (See Bullard, Edward C., assignor.)
- Bullard Company, The. (See Bullard, Edward P., III, assignor.)
- Bullard Company, The. (See Bullard, E. P., and Appelberg, assignors.)
- Bullard Company, The. (See Lundberg, N. S., and De Vlieg, assignors.)
- Bullard, E. D., Company. (See Eaton, Frederick M., assignor.)
- Bullard, E. D., Company. (See Fleming, Cornelius S., assignor.)
- Bullard, E. D., Company. (See Williamson, Evan D., assignor.)
- Bullard, Edward C., Fairfield, Conn., assignor to The Bullard Company. Machine tool speed change mechanism. 2,111,355; Mar. 15.
- Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Machine tool spindle lubrication. 2,109,766; Mar. 1.
- Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Station type treatment machine. 2,129,463; Sept. 6.
- Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Machine tool coolant distribution. 2,129,815; Sept. 13.
- Bullard, Edward P., Fairfield, and G. R. Appelberg, Bridgeport, Conn., assignors to The Bullard Company. Fluid chuck operating mechanism. 2,122,356; June 28.
- Bullard, Edwin F. (See McAllister, S. H., and Bullard.)
- Bullard, Jesse O., Huntington Park, and N. B. Fouch, assignors to Atlas Meat Appliances Co., Los Angeles, Calif. Appliance for treating meat. 2,116,614; May 10.
- Bullard, W. Irving, assignor to E. H. Jacobs Manufacturing Company, Danielson, Conn. Lug strap. 2,123,132; July 5.
- Bullard, William P., Albany, and J. S. Guy, Atlanta, assignors to National Pecan Growers Exchange, Albany, Ga. Treating nuts. 2,108,915; Feb. 22.
- Bullard, William P., and O. L. Williams, assignors to National Pecan Growers Exchange, Albany, N. Y. Branding machine. 2,109,380; Feb. 22.
- Bulldog Electric Products Company. (See Frank, Harrison J. L., assignor.)
- Bulldog Electric Products Company. (See Frank, W. H., and Messing, assignors.)
- Bulldog Electric Products Company. (See Thomson, Alfred J., assignor.)
- Bullington, Aubrey E., assignor of one-third to W. P. Evans and one-third to F. J. Dresman, Huntington Park, Calif. Brake lining clamp. 2,139,876; Dec. 13.
- Bullis, Frederick, Chicago, Ill. Steering column lock. 2,118,304; May 24.
- Bullitt, James R., Jr., Swarthmore, and D. E. Edgar, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous compositions and making same. 2,112,556; Mar. 29.
- Bullock, Giles E., Rochester, N. Y. Pressure tank. 2,105,451; Jan. 11.
- Bullows, Richard J. (See Orcutt, A. H., and Bullows.)
- Bulova Watch Company. (See Caldwell, R. H., and Brannan, assignors.)
- Bulow, Otto, St. Albans, N. Y. Fishing line attachment. 2,119,418; May 31.
- Bumstead, Dale, Jr., Portland, Oreg., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler and furnace. 2,126,730; Aug. 16.
- Bundy Incubator Company, The. (See King, Dale F., assignor.)
- Bundy, James A. (See Lasley, E. D., Bundy, and Reinhold.)
- Bundy Tubing Company. (See Corrigan, Roy J., assignor.)



- Bundy Tubing Company. (See Quarnstrom, Bert L., assignor.)
- Bundy Tubing Company. (See Wesley, Joseph F., assignor.)
- Bungay, George W., Brooklyn, N. Y., assignor to Bungay-type-Delaware, Inc. Apparatus for casting stereotype plates. 2,109,206; Feb. 22.
- Bungay, George W., Plainfield, N. J., assignor to Bungay-type-Delaware, Inc. Casting stereotype plates. 2,109,207; Feb. 22.
- Bungay-type-Delaware, Inc. (See Bungay, George W., assignor.)
- Bunimovitch, Marcos. (See Faitelowitz, Arnold, assignor.)
- Bunker, Herbert H., Jersey City, N. J. Slab. 2,112,949; Apr. 5.
- Bunker, Herbert H., Jersey City, N. J. Load supporting structure. 2,123,931; July 19.
- Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Alloys. 2,123,840; July 12.
- Bunt, Edward T., Redcliffe, Bristol, assignor of one-half to F. E. J. Hill, Bristol, England. Carburetor for internal combustion engines. 2,130,337; Sept. 20.
- Bunting, Alwyn R., Portsmouth, Va. Device for extracting contents from tubes. 2,124,907; July 26.
- Bunting, Alwyn R., Portsmouth, Va. Clothes hook. 2,136,272; Nov. 8.
- Bunting Brass & Bronze Company, The. (See Evans, Robert G. N., assignor.)
- Bunting Brass and Bronze Company, The. (See McKercher, D., and Yager, assignors.)
- Bunting Brass & Bronze Company, The. (See Yager, George F., assignor.)
- Buono, Mario, Brooklyn, assignor to U. S. Blind Stitch Machine Corporation, New York, N. Y. Sewing machine. 2,108,100; Feb. 15.
- Buono, Mario, Brooklyn, assignor to U. S. Blind Stitch Machine Corporation, New York, N. Y. Sewing. 2,108,101; Feb. 15.
- Buquor, Adolph P., assignor, by mesne assignments, to Martin-Parry Corporation, York, Pa. Gun carriage. 2,129,315; Sept. 6.
- Burak, Steve M., Bark River, Mich. Automatic lighting system for gasoline stoves. 2,111,467; Mar. 15.
- Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe rest. 2,137,331; Nov. 22.
- Burch, Elwood S., and F. J. Freeland, assignors to Round Oak Company, Dowagiac, Mich. Gas range. 2,118,155; May 24.
- Burch, Julian R., St. Louis, Mo. Culinary structure. 2,125,989; Aug. 9.
- Burch, Julian R., St. Louis, Mo. Popcorn machine. 2,134,682; Nov. 1.
- Burch, La Verge P. (See Palmer, Alphonso T., assignor.)
- Burch, Lnydon W., Bronxville, and M. K. Parkhurst, Bronx, N. Y. Tank. 2,112,393; Mar. 29.
- Burchall, Harold, Kingswood, England. Portable adjustable chair. 2,132,525; Oct. 11.
- Burcham, James R., Newcastle, Ind. Advertising device. 2,104,636; Jan. 4.
- Burchenal, William, Glendale, and A. J. Pfohl, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Method of and apparatus for making formed bituminous bodies. 2,126,869; Aug. 16.
- Burchfield, Paul E., Yeadon, Pa., assignor to The Harshaw Chemical Company, Elyria, Ohio. Stabilization of drier compositions. 2,138,087; Nov. 29.
- Burchfield, Robert D., Pittsburgh, Pa. Visual interpretation of electrical currents. 2,131,934; Oct. 4.
- Burchill, John, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Dyeing of leather. 2,117,699; May 17.
- Burckhardt, Ernst. (See Stoll, A., and Burckhardt.)
- Burckhardt, Max, assignor to The Firm Carl Zeiss, Jena, Germany. Polarization device for cameras having a linearly polarizing foil. 2,124,286; July 19.
- Burckley, Charles W., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,104,071; Jan. 4.
- Burckley, Charles W., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,111,387; Mar. 15.
- Burden, George H. (See McDougal, W. H., and Burden.)
- Burden, William M., R. Genes, and R. Harrison, Woolwich, assignors to Sofal Limited, London, England. Manufacturing alloy steel. 2,128,601; Aug. 30.
- Burdett, Horace H., Milford, assignor to Draper Corporation, Hopedale, Mass. Pick motion. 2,110,105; Mar. 1.
- Burdett, Horace H., assignor to Draper Corporation, Hopedale, Mass. Loom. 2,120,199; June 7.
- Burdette Lock Company. (See Price, James E., assignor.)
- Burdge, Robert H., Kansas City, Mo. Cosmetic case. 2,119,313; May 31.
- Burdge, Robert H., and S. M. Speas, Kansas City, Mo. Carrying case. 2,119,314; May 31.
- Burdick, Charles L., London, England. Apparatus for determining the moisture content of substances. 2,105,683; Jan. 18.
- Burdick, Frank. (See Russell, S. G., and Burdick.)
- Burdick, Harry J., Anaheim, Calif. Valve. 2,130,611; Sept. 20.
- Burdick, Richard, et al. (See Pollard, John H., assignor.)
- Burdick, Richard, et al. (See Vendope, Van L., assignor.)
- Burdick, Wayne E. (See Loehr, L. K., and Burdick.)
- Burdsal, Charles S., and R. E. W. Titel, Phoenix, Ariz., assignors of fifty-one per cent to said Burdsal and forty-nine per cent to said Titel. Fluid meter. 2,105,967; Jan. 18.
- Bureau, Arthur A. (See Price, S., Hummel, and Bureau.)
- Burford, Samuel D., Wellsville, Ohio. Combined holder and drainer device. 2,128,118; Aug. 23.
- Burge, Sam. (See Newsom, B. M., and Burge.)
- Burger, Arthur, New York, N. Y. Wardrobe case. 2,126,986; Aug. 16.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 2,106,270; Jan. 25.
- Burger, Justus. (See Ludi, E., and Burger.)
- Burger, Martin, Morris, assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,104,969; Jan. 11.
- Burger, Oskar, Stuttgart-Sud, Germany. Hand knitting needle. 2,117,143; May 10.
- Burger, William L., Kansas City, Mo. Rubbing brick. 2,120,483; June 14.
- Burgeson, Gustav, Youngstown, Ohio. Shaver and hair remover. 2,120,239; June 14.
- Burgess, Alfred A., Pelham Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter equipment. 2,110,286; Mar. 8.
- Burgess Battery Company. (See Burgess, Charles F., assignor.)
- Burgess Battery Company. (See Burgess, Jackson, assignor.)
- Burgess Battery Company. (See Weiss, Howard F., assignor.)
- Burgess Battery Company. (See Zook, John S., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Norris, Ralph F., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Schulte, Walter B., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Slidell, Kemper, assignor.)
- Burgess, Charles F., Bokeelia, Fla., assignor to Burgess Battery Company, Freeport, Ill. Flashlight. 2,134,856; Nov. 1.
- Burgess, Charles F., Bokeelia, Fla., assignor to Burgess Battery Company, Freeport, Ill. Hand lamp switch. 2,134,857; Nov. 1.
- Burgess, Charles O., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Heat treating metals. 2,124,459; July 19.
- Burgess, Edward W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Parting strip for concrete roadways and pavements. 2,118,340; May 24.
- Burgess, J. A. (See Knight, Jesse L., assignor.)
- Burgess, Jackson, assignor to Burgess Battery Company, Freeport, Ill. Dispensing and display device. 2,119,700; June 7.
- Burgess, Montague S., Jackson Heights, N. Y., and A. B. Clark, Maplewood, N. J., assignors to American Telephone and Telegraph Company. Telegraph system. 2,110,260; Mar. 8.
- Burgess, Richard H., San Antonio, Tex. Propulsion mechanism for aircraft. 2,125,063; July 26.
- Burgess, Richard H., San Antonio, Tex. Variable camber wing for aircraft. 2,125,064; July 26.
- Burgess, Robert T., Holden, W. Va. Lock. 2,127,583; Aug. 23.
- Burgess, Walter K., March Field, Riverside, Calif. Amphibian aircraft. 2,110,865; Mar. 15.
- Burgess, Walter K., Chanute Field, Rantoul, Ill. Turnbank and position indicator. 2,139,670; Dec. 13.
- Burgett, Kenneth L., Peoria, Ill. Golf club cover. 2,110,122; Mar. 8.
- Burgh, John, Denver, Colo. Vehicle construction. 2,130,066; Sept. 13.
- Burghauser, Franz, Nuremberg, Germany. Pump. 2,111,883; Mar. 22.
- Burghauser, Franz, Nuremberg, Germany. Kneading pump. 2,115,006; Apr. 26.
- Burgie, Frederick W., and J. I. Kaul, assignors to Doehler Die Casting Company, Toledo, Ohio. Safety device for power presses. 2,134,071; Oct. 25.
- Burgin, Emile H., Elizabeth, N. J. Radio range beam projector. 2,138,595; Nov. 29.
- Burgin, James. (See Beek, O., Burgin, and Groll.)
- Burgin, James. (See Groll, H. P. A., and Burgin.)
- Burgin, James. (See Groll, H. P. A., Hearne, Burgin, and La France.)
- Burgin, Kermit H., Zionsville, Ind. Trailer brake control. 2,130,874; Sept. 20.
- Burgner, Harley T. (See Holmes, D. H., Burgner, and MacEwing.)
- Burgwin, Stephen L. (See Yensen, T. D., and Burgwin.)
- Burhop, Baldwin, Milwaukee, Wis. Hydraulic transmission. 2,134,776; Nov. 1.
- Burk, George W., assignor to A. F. Lange, Chicago, Ill. Handling implement for plate glass and the like. 2,127,154; Aug. 16.
- Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Coal handling. 2,128,913; Sept. 6.
- Burk, Robert E., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Preparation of mineral oil products and the like. 2,133,280; Oct. 18.



- Burk, Robert E., and H. P. Lankelma, assignors to The Standard Oil Company, Cleveland, Ohio. Manufacture of alcohols from olefines. 2,109,462; Mar. 1.
- Burk, Robert E., and H. P. Lankelma, assignors to The Standard Oil Company, Cleveland, Ohio. Manufacture of stable paraffin. 2,110,950; Mar. 15.
- Burk, Robert E., and E. C. Hughes, assignors to The Standard Oil Company (Ohio), Cleveland, Ohio. Apparatus for dewaxing oils. 2,121,420; June 21.
- Burke, Byron R., Los Angeles, Calif. Compressor. 2,106,236; Jan. 25.
- Burke, Charles R. (See Biddison, Pascal M., Ryan, and Burke.)
- Burke, Earl L., Warren, assignor to Republic Steel Corporation, Cleveland, Ohio. Handling and shipping sheet metal. 2,116,381; May 3.
- Burke, Ethelyn M., Fond du Lac, Wis. Playground slide. 2,129,909; Sept. 13.
- Burke, James L. (See Koch, H., and Burke.)
- Burke, James P., Knoxville, Tenn. Nonrefillable closure. 2,140,732; Dec. 20.
- Burke, Lawrence J., Chicago, Ill. Support. 2,122,999; July 5.
- Burke, Lawrence J., assignor to Poster Products, Inc., Chicago, Ill. Advertising medium. 2,133,914; Oct. 18.
- Burke, Minnie L. and R. J., Altadena, Calif. Pneumatically operated educational game. 2,128,690; Aug. 30.
- Burke, Myra E., Madison, Wis. Infant's syringe. 2,109,059; Feb. 22.
- Burke, Paul. (See Blosser, J. E., and Burke.)
- Burke, Paul, assignor to Northwest Engineering Corporation, Green Bay, Wis. Clutch. 2,115,763; May 3.
- Burke, Ralph H., Evanston, Ill. Constructing subways and like underground structures. 2,128,284; Aug. 30.
- Burke, Richard J. (See Burke, Minnie L. and R. J.)
- Burke, Wanda, New York, N. Y. Beauty mitten. 2,141,739; Dec. 27.
- Burke, William E., Trona, Calif., and H. de Ropp, Charleston, W. Va., assignors to American Potash & Chemical Corporation, Trona, Calif. Manufacture of boric acid. 2,104,009; Jan. 4.
- Burke, William E., and M. T. Works, assignors to Cameron Iron Works, Houston, Tex. Core barrel mounting. 2,128,914; Sept. 6.
- Burke, William E., W. H. Allen, R. B. Peet, C. F. Ritchie, and W. A. Gale, assignors to American Potash & Chemical Corporation, Trona, Calif. Crystallization method. 2,130,065; Sept. 13.
- Burkes, Leo U., Richton, Miss. Harrow. 2,110,984; Mar. 15.
- Burkhardt Company, The. (See Johnson, Stanley G., assignor.)
- Burkhardt, Conrad C. C., Philadelphia, Pa. Locomotive underframe buffer. 2,138,139; Nov. 20.
- Burkhardt, George R. (See Breed, C. W., and Burkhardt.)
- Burkhardt, Hans, Berlin-Lankwitz, assignor to Accumulatoren-Fabrik Aktiengesellschaft, Berlin, Germany. Manufacturing porous metallic bodies. 2,122,053; June 28.
- Burkhardt, Harry L., Santa Monica, Calif. Internal combustion engine. 2,117,700; May 17.
- Burkholder, Alden H. (See Kline, H. B., Knebusch, and Burkholder, assignors.)
- Burkholder, Alden H., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Method and apparatus for transferring threadlike articles. 2,131,723; Oct. 4.
- Burkitt, Henry L. (See Stern, Fred H., assignor.)
- Burks, Arthur W., Decatur, Ill. Operating mechanism for deep well pumps. 2,124,026; July 19.
- Burks, Harry G., Jr. (See Harrington, P. J., and Burks.)
- Burleigh, Clifford G. (See Clark, J. R., and Burleigh.)
- Burleigh, Mildred, New York, N. Y. Kitchen utensil. 2,141,901; Dec. 27.
- Burlin, Moritz, assignor to Emby Photo and Film Machine Corp., New York, N. Y. Portable camera support. 2,130,262; Sept. 13.
- Burio, Dennis J., Green Bay, Wis. Game apparatus. 2,123,095; July 5.
- Burnmeister, Frederick H. (See Dow, D. M., Boyd, and Burnmeister.)
- Burnmeister, Hermann, Berlin-Spandau, Germany, assignor to General Electric Company. Production of fibrous material compounds. 2,137,155; Nov. 15.
- Burnmeister, Hermann C., Hennigsdorf, Germany, assignor to General Electric Company, Schenectady, N. Y. Impregnated material. 2,112,732; Mar. 29.
- Burn, Walter S., Hartlepool, assignor to The National Gas and Oil Engine Company, Limited, A. B. Balmford, Ashton-under-Lyne, and W. S. Burn, Hartlepool, England. Internal combustion engine. 2,105,717; Jan. 18.
- Burnand, Alphonse A., Jr. (See Freeman, John P., assignor.)
- Burdy Engineering Company. (See Dibner, Abraham B., assignor.)
- Burdy Engineering Co. (See Dibner, Bern, assignor.)
- Burnell, Edward J., and W. J. Hencock, assignors to Link-Bell Company, Chicago, Ill. Wash box discharge control. 2,106,204; Jan. 25.
- Burnell Laboratory Company. (See Fuchs, Charles A., assignor.)
- Burnell Laboratory Company. (See Hausman, Walter J., assignor.)
- Burnell Laboratory Company. (See Reppert, Richard v., assignor.)
- Burnett, Alexander H. (See Munn, J., and Burnett.)
- Burnett, Charles E., and O. May, Punta Gorda, Fla. Safety device for punch boards. 2,120,172; June 7.
- Burnett, Clarence M., St. Paul, assignor to Lewis Bolt & Nut Company, Minneapolis, Minn. Take-up device. 2,117,701; May 17.
- Burnett, Elizabeth L., Boston, Mass. Centering device for typewriting machines. 2,139,257; Dec. 6.
- Burnett, Harry E. (See Wolf, Howard O., assignor.)
- Burnett, John L., St. Louis, Mo. Leaching and precipitating process and apparatus. 2,136,372; Nov. 15.
- Burnett, John M., Skowhegan, Maine. Bunch builder attachment for winding machines. 2,130,067; Sept. 13.
- Burnham, Locke H., Pittsfield, Mass., assignor to General Electric Company. Transformer. 2,112,733; Mar. 29.
- Burnham, Roland B., administrator. (See Boyd, William P.)
- Burnham, Stanley W., Elizabeth, assignor to Merck & Co. Inc., Rahway, N. J. Liquid dispensing means. 2,126,731; Aug. 16.
- Burnheimer, Charles W. (See Recen, Henry A., assignor.)
- Burns, Erwin. (See Wickersham, H. P., and Burns.)
- Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., New York, N. Y. Venetian blind construction. 2,135,795; Nov. 8.
- Burns, George A., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Remote control system. 2,135,794; Nov. 8.
- Burns, Herbert A., Forest Hills, N. Y., assignor to International Cigar Machinery Company. Packing cigars, and the like. 2,130,729; Sept. 20.
- Burns, Jabez, & Sons. (See Kirkland, Archibald D., assignor.)
- Burns, Jabez, & Sons, Inc. (See Burns, William G., assignor.)
- Burns, Jabez, & Sons, Inc. (See Morgan, Joseph B., assignor.)
- Burns, James E. (See Brun, W., and Burns.)
- Burns, John J., Yonkers, N. Y. Electrical connector. 2,129,044; Sept. 6.
- Burns, Leonard S. (See Wilson, F. D., and Burns.)
- Burns, Robert, and H. H. Hayward; said Hayward assignor to Service Foundry Company, Wichita, Kans. Chair. 2,128,522; Aug. 30.
- Burns, Thomas, London, England, assignor of one-half to R. L. Cross, Detroit, Mich. Refrigerator. 2,139,184; Dec. 6.
- Burns, Walter, et al. (See Eastin, Rolfe R., assignor.)
- Burns, William, et al. (See Eastin, Rolfe R., assignor.)
- Burns, William C., Yamhill, Oreg. Metatarsal nonslip sole. 2,134,598; Oct. 25.
- Burns, William G., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Roasting method and apparatus. 2,129,673; Sept. 13.
- Burnside, George B., Fairhill, Dullatur, Scotland. Air heating apparatus. 2,119,379; May 31.
- Burpee Can Sealer Company. (See Burpee, Frank W., assignor.)
- Burpee, Frank W., assignor to Burpee Can Sealer Company, Chicago, Ill. Can seaming machine. 2,122,877; July 5.
- Burr, Harold E., assignor to Parks & Woolson Machine Company, Springfield, Vt. Loop cutting and edge trimming machine. 2,110,567; Mar. 8.
- Burr, Leonard W., Walnut Grove, Minn. Nail. 2,128,798; Aug. 30.
- Burr, Lynton, Hampton, Va. Fishing line. 2,108,598; Feb. 15.
- Burr, Myrtice C. (See Eynon, H. B., and Burr.)
- Burrage, Leslie J. (See Baxter, J. P., and Burrage.)
- Burrell, Charles D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass handling apparatus. 2,131,869; Oct. 4.
- Burrell, Edward, Oakville, Ontario, Canada. Carburetor system. 2,109,878; Mar. 1.
- Burrell, Thomas L. (See Spellacy, J. F., and Burrell.)
- Burrington, Walter W., assignor to Northwest Air Service Inc., Seattle, Wash. Propeller blade pitch setting device. 2,124,760; July 26.
- Burris, Sylvester J., Montebello, Calif. Apparatus for removing scale from water jackets of internal combustion engines. 2,115,193; Apr. 26.
- Burroughs Adding Machine Company. (See Bower, Raymond G., assignor.)
- Burroughs Adding Machine Company. (See Butler, Thomas M., assignor.)
- Burroughs Adding Machine Company. (See Muller, Robert L., assignor.)
- Burroughs Adding Machine Company. (See Pastniski, Walter J., assignor.)
- Burroughs Adding Machine Company. (See Racz, Ernest, assignor.)
- Burroughs, Edwin E., Hamilton Beach, Long Island, assignor to Potdevin Machine Company, Brooklyn, N. Y. Printing press. 2,122,128; June 28.
- Burroughs, Kenneth C., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for grading emery. 2,124,343; July 19.
- Burroughs, Kenneth C., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Abrading lenses. 2,129,522; Sept. 6.



- Burroughs, Samuel G. (See Lofton, W. M., Jr., and Burroughs.)
- Burroughs Wellcome & Co., (U. S. A.) Inc. (See Brown, Cecil R., assignor.)
- Burrow, Ernest S., Winnipeg, Manitoba, Canada. Attachment to curling stones. 2,133,423; Oct. 18.
- Burrow, Herbert T., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Combination coal-wood electric range. 2,133,184; Oct. 11.
- Burrows, Lawton A., Wenonah, and W. F. Filbert, Woodbury, N. J., and E. E. Reid, Baltimore, Md., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ignition composition. 2,105,635; Jan. 18.
- Burrows, Lawton A., Wenonah, and W. F. Filbert, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing polyvinyl nitrate. 2,118,487; May 24.
- Burrows, Lawton A., Wenonah, and G. A. Noddin, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric initiator. 2,123,691; July 12.
- Burrows, Robert J., and A. O. Williams, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Car coupling device. 2,128,397; Aug. 30.
- Burruss, Grayson D. (See McComb, James K., and Burruss.)
- Burry, Arthur A., Toronto, Ontario, Canada. Machine for injection of plastics. 2,115,940; May 3.
- Burschkies, Hans-Wolfgang, Berlin-Lichterfelde-Ost, Germany. Apparatus for stopping internal combustion engines or the like employing oil lubrication. 2,123,460; July 12.
- Burschkies, Hans-Wolfgang, Berlin-Lichterfelde-Ost, Germany. Device for stopping internal combustion engines or the like employing oil lubrication. 2,123,461; July 12.
- Bursell, Everett J., assignor to the firm Morehead-Bursell, Spokane, Wash. Bit casting means, method, and article. 2,125,332; Aug. 2.
- Burson, Harry H., Chicago, Ill. Clip for wallboards. 2,110,198; Mar. 8.
- Burt, Alexander D., Narberth, Pa., assignor to Radio Corporation of America. Vibrator power supply system. 2,121,421; June 21.
- Burt, Clarence E. (See Baker, R. C., and Burt.)
- Burt, Clarence E. (See Ragan, T. M., and Burt.)
- Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Making cast iron slips for oil tools. 2,134,749; Nov. 1.
- Burt, Daniel W., Providence, R. I. Safety device for automobiles. 2,126,946; Aug. 16.
- Burt, Enos M., Wichita Falls, Tex. Oil and water separator. 2,122,310; June 28.
- Burt, F. N., Company, Inc. (See Royal, Joseph N., assignor.)
- Burt, Guy H., Providence, R. I. Electrical plug. 2,128,883; Aug. 30.
- Burt, Jack F., Valparaiso, Ind. Flexible corner bead. 2,127,806; Aug. 23.
- Burt, John, Narberth, assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Antifriction bearing center for boring mills. 2,114,911; Apr. 19.
- Burt Machine Company. (See Wild, Charles H., assignor.)
- Burt Manufacturing Company, The. (See Whitaker, Anton K., assignor.)
- Burt, Robert C., Pasadena, Calif. Mechanical transmission. 2,120,546; June 14.
- Burt, Robert V., Cincinnati, R. A. Duncan, and R. J. Short, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Apparatus for finishing soap. 2,135,325; Nov. 1.
- Burtnett, Everett R., Los Angeles, Calif., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Change speed transmission gear. Re. 20,685; Apr. 5.
- Burtnett, Everett R., assignor to Automotive Improvement Patents Corporation, Los Angeles, Calif. Multi-clutch mechanism. 2,136,811; Nov. 15.
- Burton, Charles W., Vancouver, British Columbia, Canada, assignor to American Can Company, New York, N. Y. Valve for filling machines. 2,116,505; May 10.
- Burton-Dixie Corporation. (See Burton, Oliver M., assignor.)
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Filter including space discharge device. 2,106,793; Feb. 1.
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse operated system employing glow discharge tubes. 2,118,156; May 24.
- Burton, Frank F., Mount Carmel, assignor to Winchester Repeating Arms Company, New Haven, Conn. Adjustable rear-sight for firearms. 2,112,268; Mar. 29.
- Burton, Frank F., Mount Carmel, assignor to Winchester Repeating Arms Company, New Haven, Conn. Removable mount for firearm sights. 2,123,273; July 12.
- Burton, George, Gaston, Ind. Coupling for sewer cleaning rods. 2,115,194; Apr. 26.
- Burton, Herbert W., Dayton, Ohio. Gas tank locking cap. 2,125,012; July 26.
- Burton, John, Edgbaston, Birmingham, England. Scaffolding coupling. 2,107,407; Feb. 8.
- Burton, Lawrence C., assignor of twenty-five per cent to L. B. Clark, Houston, Tex. Internal combustion engine piston. 2,128,451; Aug. 30.
- Burton, Oliver M., assignor to Burton-Dixie Corporation, Chicago, Ill. Padded spring-cushion. 2,125,621; Aug. 2.
- Burton, Robert B., assignor to General Motors Corporation, Detroit, Mich. Combined shock absorber and antiroll device. 2,108,524; Feb. 15.
- Burton, Robert C. (See Northrop, D. E., and Burton.)
- Burton, Robert N. (See Forsyth, Robert, assignor.)
- Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Top cylinder lubricant. 2,107,233; Feb. 1.
- Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Diesel engine fuel. 2,110,078; Mar. 1.
- Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Composition for use in prevention of corrosion of metal surfaces. 2,128,523; Aug. 30.
- Burwell, John A., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,114,046; Apr. 12.
- Burwell, John A., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,117,702; May 17.
- Bury, Paul A. (See Frey, F. E., and Bury.)
- Busby, Daniel, Seattle, Wash. Cowling fastener. 2,121,784; June 28.
- Busch, Aloysius J., Bellerose, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay circuit. 2,107,746; Feb. 8.
- Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake shoe key. 2,107,521; Feb. 8.
- Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam and/or brake head. 2,116,594; May 10.
- Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam support or the like. 2,140,982; Dec. 20.
- Busch, Conrad J., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Method and apparatus for producing braid. 2,106,674; Jan. 25.
- Busch, Frank B., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Container closure. 2,129,159; Sept. 6.
- Busch, Herman, Long Island City, assignor to Airmatic Systems, Inc., New York, N. Y. Pneumatic power control. 2,125,601; Aug. 2.
- Busch, Herman, Long Island City, assignor to Airmatic Systems, Inc., New York, N. Y. Power control for pneumatic conveyor systems. 2,130,458; Sept. 20.
- Busch, Herman, Long Island City, assignor to Airmatic Systems, Inc., New York, N. Y. Pneumatic control valve. 2,137,750; Nov. 22.
- Busch, Hugo R. (See Kind, W., Schenk, and Busch.)
- Busch, Ira C., Lebanon, N. J. Poultry feeder. 2,108,102; Feb. 15.
- Busch-Sulzer Bros.-Diesel Engine Company. (See Schlatter, Rudolph, assignor.)
- Busch-Sulzer Bros.-Diesel Engine Company. (See Schneider, Rudolph H., assignor.)
- Busch, Sune. (See Salomon, S. M., and Busch.)
- Busch, Werner. (See Richter, A., Busch, and Schurmann.)
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Matching the impedance of a load to a source of power. 2,107,408; Feb. 8.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Neutralizing circuit for screen-grid tubes. 2,119,315; May 31.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Coupling high-frequency apparatus. 2,121,855; June 23.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit for suppressing disturbance waves and upper harmonics. 2,137,265; Nov. 22.
- Buschbeck, Werner, and R. Bruckner, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical coupling arrangement. 2,107,025; Feb. 1.
- Buschman, Abraham L., New York, N. Y. Decorative illuminated device. 2,115,358; Apr. 26.
- Buschman, Andrew, Garden City, N. Y. Coating for smoking pipes and the like. 2,116,186; May 3.
- Buschman, Nathan H., New York, N. Y. Serving device for cans. 2,110,697; Mar. 8.
- Buser, John A., assignor to Lebanon Paper Box Company, Lebanon, Pa. Display carton. 2,132,526; Oct. 11.
- Buses, Harry P., and J. N. Huser, Indianapolis, Ind. Enunciator. 2,104,895; Jan. 11.
- Bush, A. G. (See Criner, Harry J., assignor.)
- Bush, C. Abbott, et al. (See Shigley, William W., assignor.)
- Bush, E. Daniel, et al. (See Shigley, William W., assignor.)
- Bush, Eugene S., assignor to Bush Manufacturing Company, St. Louis, Mo. Engine blower drive and control. 2,106,237; Jan. 25.



- Bush, Eugene S., assignor to Bush-Harman Products, Inc., St. Louis, Mo. Automatic plumb bob. 2,136,072; Nov. 8.
- Bush-Harman Products, Inc. (See Bush, Eugene S., assignor.)
- Bush Manufacturing Company. (See Bush, Eugene S., assignor.)
- Bush, Ralph R., Manoa, Upper Darby, Pa., assignor to General Electric Company. Operating mechanism. 2,110,658; Mar. 8.
- Bush, Rankin J., Jeanette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake switch device. 2,118,427; May 24.
- Bush, Rankin J., Jeanette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve. 2,132,935; Oct. 11.
- Bush, Vannevar, Belmont, Mass., assignor, by mesne assignments, to Research Corporation, New York, N. Y. Apparatus for transferring heat. 2,127,286; Aug. 16.
- Bush, Vannevar, West Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electrical condenser. 2,134,273; Oct. 25.
- Busha, Lee F., College Park, Ga. Seat spring. 2,116,012; May 3.
- Bushnell, Charles S. (See Reichard, W. H., and Bushnell.)
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,121,785; June 28.
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,122,231; June 28.
- Bushnell, John H., Grand Rapids, Mich. Typewriter desk. 2,133,807; Oct. 18.
- Busico, Paul, and E. Carosella, New York, N. Y. Screen support for windows. 2,114,100; Apr. 12.
- Busk, Anthony S., assignor to New Era Manufacturing Company, Paterson, N. J. Plate clamp. 2,105,452; Jan. 11.
- Buskirk, Elmore E., Adrian, Mich. Dental forceps. 2,140,280; Dec. 13.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam safety guard structure. 2,105,995; Jan. 18.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car door structure. 2,106,166; Jan. 25.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car truck structure. 2,115,060; Apr. 26.
- Busse, Ernst, Hamburg, Germany, and J. V. Mark and A. Venis, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Sweep circuits. 2,126,243; Aug. 9.
- Busse, Warren F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Plasticizing rubber. 2,115,705; May 3.
- Busse, Warren F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softened rubber. 2,136,373; Nov. 15.
- Bussert, James A. (See Gurries, A. G., and Bussert.)
- Bussmann, Henry T., St. Louis, Mo. Electric protective device. 2,111,749; Mar. 22.
- Bussmann, Henry T., St. Louis, Mo. Enclosed fuse. 2,135,166; Nov. 1.
- Bustamante, Cesar, New York, N. Y. Cigar-wrapping machine. 2,108,429; Feb. 15.
- Buswell, George A. (See Manger, C. F., Wainwright, and Buswell.)
- Butcher, William L., Decorah, Iowa. Rope making machine. 2,108,704; Feb. 15.
- Butcher, William T., Ilford, assignor to Goodlass Wall & Lead Industries Limited, London, England. Refining lead alloys. 2,115,299; Apr. 26.
- Butcher, William T., Ilford, assignor to Goodlass Wall & Lead Industries Limited, London, England. Treating lead or lead alloys. 2,115,300; Apr. 26.
- Butcher, William T., Ilford, assignor to Goodlass Wall & Lead Industries Limited, London, England. Alloying metals with lead. 2,138,729; Nov. 29.
- Butterworth, Samuel D., and S. M. Nampa, Detroit, Mich., assignors of ninety-nine per cent to The Worth Company and one per cent to said Samuel D. Butterworth. Car loading device. 2,107,932; Feb. 8.
- Buthrus, Frederick R., Enfield, England. Synchronous electric motor. 2,110,415; Mar. 8.
- Butignot, André, Creil, assignor to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann, Paris, France. Preparation of wetting emulsifying, dispersing or cleansing agents and products obtained by this process. 2,107,197; Feb. 1.
- Butler, Arthur G., Buffalo, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Steerable tail wheel. 2,114,522; Apr. 19.
- Butler, Arthur G., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Aircraft control system. 2,137,385; Nov. 22.
- Butler, Clyde G., Cincinnati, assignor to The Cincinnati Bell Crank Company, Cincinnati, Ohio. Can tapping and content dispensing device. 2,140,257; Dec. 13.
- Butler, Charles R. (See Rasmussen, C. A., and Butler.)
- Butler, Clarence H., Austin, assignor to Amalgamated Minerals Corporation, Minneapolis, Minn. Exfoliating vermiculite and similar minerals. 2,129,523; Sept. 6.
- Butler, Clyde A., Columbus, Ga. Sand pump. 2,110,079; Mar. 1.
- Butler, Clyde G., Cincinnati, Ohio, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. Re. 20,852; Sept. 13.
- Butler, Ernest L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 2,138,022; Nov. 29.
- Butler, George I. (See Cranford, W. W., and Butler.)
- Butler, George F., Jr., Mount Kisco, N. Y. Ski press. 2,128,036; Aug. 23.
- Butler, Henry E., Scotia, N. Y., assignor to General Electric Company. Remote control system. 2,125,765; Aug. 2.
- Butler, James S., Lewiston, Maine. Race horse number. 2,114,135; Apr. 12.
- Butler, Keith H., Elmhurst, R. A. Gagnon, Marshallton, Del., and J. D. Prinn, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Making calcium sulphate-zinc sulphide pigments. 2,112,357; Mar. 29.
- Butler Manufacturing Company, et al. (See Buchanan, Ferdinand C., assignor.)
- Butler Manufacturing Company. (See George, Ralph D., assignor.)
- Butler Manufacturing Company. (See Norquist, Victor C., assignor.)
- Butler Paper Products Company. (See Butler, Silas E., assignor.)
- Butler, Park C., Nevada, Mo. Motor vehicle chassis washer. 2,134,657; Oct. 25.
- Butler, Samuel R., Grand Island, Nebr. Clamp. 2,126,308; Aug. 9.
- Butler, Silas E., assignor to Butler Paper Products Company, Toledo, Ohio. Carton. 2,118,488; May 24.
- Butler, Thomas M., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,118,588; May 24.
- Butler, Thomas M., assignor to Burroughs Adding Machine Company, Detroit, Mich. Business machines. 2,136,671; Nov. 15.
- Butler, William H., Palisades, N. J., assignor to Bakelite Corporation, New York, N. Y. Oil compositions. 2,120,124; June 7.
- Butler, William J., Bickley, assignor to Kleentalners (British & Overseas) Ltd., Bromley, England. Machine for the manufacture of cartons and the like. 2,105,582; Jan. 18.
- Butt, Frederic W. (See Hamilton, W. S. H., and Butt.)
- Butterfield, Louis B., Short Hills, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring device. 2,120,391; June 14.
- Butterfield, Louis B., Short Hills, R. F. Garrett, Cranford, and R. E. Park, Jr., Allywood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical device and making the same. 2,136,609; Nov. 15.
- Butterfield, Louis M., Kittery, Maine. Egg grading machine. 2,139,574; Dec. 6.
- Butterfield, Thomas F., Watertown, Conn., assignor to Field Manufacturing Company, Inc., New York, N. Y. Whistle. 2,113,396; Apr. 5.
- Butterworth, Willard R., Jr. (See Leonard, J. W., Butterworth, and Wellford.)
- Büttinghaus, Alfred. (See Reitz, H., Hengler, and Büttinghaus.)
- Büttner, Artur, Heidelberg, Germany, assignor to Druckmaschinen Aktiengesellschaft, Glaius, Switzerland. Device for interrupting and re-continuing the printing operation of cylinder printing presses. 2,118,965; May 31.
- Büttner-Werke Aktiengesellschaft. (See Sägebarth, Bernhard, assignor.)
- Button, George W., Corporation. (See Sierad, Milton, assignor.)
- Butts, Jenn G., Cato, N. Y. Apparatus for transplanting trees and the like. 2,130,117; Sept. 13.
- Butts, William J., Brunswick, Ga., assignor of one-half to Centennial Development Company, Inc., Bridgeport, Conn. Door retainer or holder. 2,120,692; June 14.
- Buttschau, Esther M., Vero Beach, Fla. Lipstick spreader. 2,109,411; Feb. 22.
- Buttschau, Esther M., Vero Beach, assignor of one-fourth to S. K. Rowe, White City, Fla. Lady's handbag holder. 2,124,483; July 19.
- Butty, Carlos, Buenos Aires, Argentina. Tubular body forming apparatus. 2,121,001; June 28.
- Butty, Carlos, Buenos Aires, Argentina. Container. 2,133,185; Oct. 11.
- Butz, John G., assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,138,835; Dec. 6.
- Butz, Karl, assignor to H. Th. Rohme Aktiengesellschaft, Chemnitz, Germany. Pyrophosphate ester bleaching agent. 2,149,523; June 7.
- Butz, Richard J., and R. C. Cantelo, Whiting, Ind., assignors to Sinclair Refining Company, New York, N. Y. Manufacture of wax acids. 2,118,915; May 31.
- Butzler, Edward W., Avalon, assignor to J. M. Hopwood, Mount Lebanon, Pa. Apparatus for feeding water conditioning chemicals direct to boilers. 2,130,417; Sept. 20.
- Buxbaum, Albert B., Akron, Ohio. Salvaging constituents of automobile tires and the like. 2,136,099; Nov. 8.



- Buxbaum, Bertold, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Manufacturing plastic articles from pulverulent or granular masses. 2,111,418; Mar. 15.
- Buxton, Incorporated. (See Boden, George, assignor.)
- Buyisch, Heinrich. (See Krantz, H., Simons, and Buysch.)
- Buzzard, Robert W., Kensington, Md. Bath for and coating magnesium and its alloys. 2,114,734; Apr. 19.
- Buzzard, Robert W., Kensington, Md., and J. H. Wilson, Washington, D. C. Treating anodic coatings on magnesium and its alloys. 2,138,023; Nov. 29.
- Byars, Logan C., Los Angeles, Calif. Fountain mop control. 2,129,816; Sept. 13.
- Byars, Robert E., Elmhurst, Long Island, N. Y. Hose nozzle. 2,139,926; Dec. 13.
- Byck, Harold T. (See Loomis, A. G., Byck, and Fidiam.)
- Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Press. 2,112,011; Mar. 22.
- Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Press. 2,112,012; Mar. 22.
- Byers, A. M., Company. (See Story, E. B., and Best, assignors.)
- Byers, Edwin W., Chicago, Ill. Flashing. 2,105,996; Jan. 18.
- Byers, Laud S., Glendale, Calif. Blasting powder. 2,136,205; Nov. 8.
- Byers, Thomas A., Spokane, Wash. Speed control device. 2,106,493; Jan. 25.
- Byers, Thomas A., Spokane, Wash. Sectional gear. 2,111,088; Mar. 15.
- Byford, George E. (See Rapisarda, Edward D., assignor.)
- Byington, James A., Orlando, Fla. Receptacle emptying machine. 2,136,488; Nov. 15.
- Byram, Frederick C., Springfield, Ohio, assignor to Penberthy Injector Company, Detroit, Mich. Switch structure. 2,131,269; Sept. 27.
- Byrd, Lonnie G., Poplar Bluff, Mo. Coupler. 2,110,620; Mar. 8.
- Byrer, Ralph W., Rockford, Ill. Gum massaging appliance. 2,129,082; Sept. 6.
- Byrkit, Gordon D. (See Lincoln, B. H., and Byrkit.)
- Byrne, Julius I., Detroit, Mich. Door construction. 2,109,898; Mar. 1.
- Byrne, Michael J., Waterville, Maine. Paddle wheel. 2,130,522; Sept. 20.
- Byrnes, Clarence P. (See James, Joseph H., assignor.)
- Byrnes, Edward P., Jr. (See Curtis, R. H., and Byrnes.)
- Byrom, John K., assignor to The Renold and Coventry Chain Company Limited, Didsbury, Manchester, England. Shaft coupling. 2,135,634; Nov. 8.
- Byron Jackson Co. (See Grau, Herbert E., assignor.)
- Eyron Jackson Co. (See Hertel, Richard K., assignor.)
- Byron Jackson Co. (See Hollander, Aladar, assignor.)
- Byron-Jackson Co. (See Lundeen, Chester A., assignor.)
- Byron, Kenneth M., Detroit, Mich. Trailer body frame. 2,126,090; Aug. 9.
- Byron, Ralph, assignor to J. O. Ross Engineering Corporation, New York, N. Y. Metallic lithographic oven. 2,134,906; Nov. 1.
- Bystricky, Joseph, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,123,451; July 12.
- Bystrom, Gustave A. (See Goerke, H. E., Bystrom, and Schmale.)
- Bywater, Walter C. (See Crittall, V. G., and Bywater.)
- Bywater, Wilfred M., Weehawken, N. J., assignor to The Barrett Company, New York, N. Y. Apparatus for coating pipe. 2,113,873; Apr. 12.
- C. K. Manufacturing Co. (See Schmidt, William E., assignor.)
- C-Lens Corporation. (See Holst, L. J. R., Mayer, and Menefee, assignors.)
- C-O-Two Fire Equipment Company. (See Allen, Scott E., assignor.)
- C-S. Engineering Company. (See Schellens, Christopher A., assignor.)
- C. V. S. Manufacturing Company. (See Smith, George R., assignor.)
- Cabassa, Irving, Alliance, Ohio. Automobile suspension system. 2,134,599; Oct. 25.
- Cabin Crafts. (See McCamy, Robert G., assignor.)
- Cable, Cecil. (See Cable, Roy P., M., and C.)
- Cable, Donald E., Rutherford, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Making leather-rubber material. 2,112,517; Mar. 29.
- Cable, Manly. (See Cable, Roy P., M., and C.)
- Cable, Roy P., M., and C. Macklin, Saskatchewan, Canada. Aeroplane propeller. 2,117,788; May 17.
- Cable and Wireless Limited. (See Higgitt, H. V., and Wood, assignors.)
- Cabot, Godfrey L., Inc. (See Amon, Fred H., assignor.)
- Cabot, Godfrey L., Inc. (See Billings, E., and Offutt, assignors.)
- Cabot, Godfrey L., Inc. (See Offutt, Harold H., assignor.)
- Cabrera, Pedro F., New York, N. Y. Gas stove and appliances. 2,115,007; Apr. 26.
- Cacioppo, Casper, et al. (See Goldacker, Edward H., assignor.)
- Cacioppo, Charles, et al. (See Goldacker, Edward H., assignor.)
- Cacioppo, Joseph, et al. (See Goldacker, Edward H., assignor.)
- Caddy, George J., Saugus, Mass. Apparatus for filling cartons. 2,134,907; Nov. 1.
- Cade, Robert S., Canton, Ohio. Concrete building material. 2,126,309; Aug. 9.
- Cadenbach, Christian A., assignor to Independent Die & Supply Company, St. Louis, Mo. Die. 2,119,985; June 7.
- Cadillac Malleable Iron Company. (See Price, Edward T., assignor.)
- Cadman, Addi B., Beloit, Wis. Rheostat. 2,104,020; Jan. 4.
- Cadman, Addi B., Beloit, Wis. Brake. 2,106,717; Feb. 1.
- Cadman, Addi B., Beloit, Wis. Electromagnetic friction device. 2,138,837; Dec. 6.
- Cadman, Charles M. (See Hadley, Homer M., assignor.)
- Cadman, William. (See Knight, A. J., and Cadman.)
- Cadwallader, Robert. (See Breer, C., Herreshoff, Clark, and Cadwallader.)
- Cadwell, Leon L. (See Williams, B. E., and Cadwell.)
- Cadwell, Leon L., assignor to Industrial Patents Corporation, Chicago, Ill. Carcass treatment means. 2,140,150; Dec. 13.
- Cadwell, Sidney M., Grosse Pointe Village, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,118,774; May 24.
- Cady, Charles P. (See Johnson, L. E., and Cady.)
- Cadzow, Robert. (See Dowsett, H. M., and Cadzow.)
- Caesar, George V., assignor to Stein, Hall & Company, Inc., New York, N. Y. Water-resistant composition of matter. 2,111,204; Mar. 15.
- Caesar, George V., assignor to Stein, Hall & Company, Inc., New York, N. Y. Conversion of starchy polysaccharides. 2,131,724; Oct. 4.
- Caesar, George V., assignor to Stein, Hall & Company, Inc., New York, N. Y. Water-resistant fabric. 2,132,527; Oct. 11.
- Cage, Darcy L., Los Angeles, Calif. Fireplace construction. 2,110,060; Mar. 1.
- Cage, James, Valley Stream, assignor to Reynolds Metals Company, New York, N. Y. Display box. 2,131,093; Sept. 27.
- Cage, John M., Los Angeles, Calif., assignor, by mesne assignments, to Petroleum Rectifying Company of California. Dehydration system. 2,108,259; Feb. 15.
- Caggiano, Gertrude M., Ozone Park, N. Y. Curtain tie-back device. 2,107,885; Feb. 8.
- Cahaney, James M., assignor of one-third to C. H. Hooker, Dennison, Ohio, and one-third to A. A. Schmier, Detroit, Mich. Dispensing container. 2,111,884; Mar. 22.
- Cahill, Gerald, Chicago, Ill. Razor blade. 2,133,018; Oct. 11.
- Cahn, Bernard, San Diego, Calif. Garment hanger. 2,106,563; Jan. 25.
- Cahn, Frank J., and B. R. Harris, Chicago, Ill. Margarine. 2,111,042; Mar. 15.
- Cahn, Louis, assignor to The Globe Tailoring Company, Cincinnati, Ohio. Sample cloth display retainer. 2,141,461; Dec. 27.
- Cahoon, Brent F. (See Wilson, R. W., and Cahoon.)
- Cahoon, Brent F., Kew Gardens, assignor to Captive Closures, Inc., New York, N. Y. Closure for containers. 2,104,413; Jan. 4.
- Cahoon, Brent F., Forest Hills, assignor to Captive Closures, Inc., New York, N. Y. Dispensing package for liquids. 2,117,296; May 17.
- Cahow, Ervin, administrator. (See Cahow, Percy E., assignor.)
- Cahow, Percy E., deceased, Fort Lauderdale, Fla.; E. Cahow, administrator. Smoking pipe. 2,116,382; May 3.
- Cain, Gordon H., Chicago, Ill. Heat exchanger. 2,130,455; Sept. 20.
- Cain, Louis S., Honolulu, Hawaii. Highway guardrail. 2,123,167; July 12.
- Cairns, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Explosive and manufacture thereof. 2,130,712; Sept. 20.
- Cairns, Theodore L., Lindsay, Calif. Orchard spray. 2,125,602; Aug. 2.
- Caise, Charles, Brooklyn, N. Y. Dry shaver. 2,105,855; Jan. 18.
- Calco Chemical Company. (See Battagay, Martin, assignor.)
- Calco Chemical Company. (See Crossley, M. L., and Shafer, assignors.)
- Calco Chemical Company, The. (See Davis, Harold S., assignor.)
- Calco Chemical Co. (See Klipstein, Kenneth H., assignor.)
- Calco Chemical Company, The. (See Lecher, Hans Z., assignor.)
- Calco Chemical Company, The. (See Lecher, H. Z., and Pierce, assignors.)
- Calco Chemical Company, The. (See Lecher, H. Z., and Scalera, assignors.)
- Calco Chemical Company, The. (See McKee, R. H., and Brockman, assignors.)
- Calco Chemical Company. (See Mensing, Carl E., assignor.)



- Calco Chemical Company, The. (See Munro, W. P., Northey, and Lecher, assignors.)
- Calco Chemical Company, The. (See Northey, Elmore H., assignor.)
- Calco Chemical Company, The. (See Pineo, Orrin W., assignor.)
- Calcott, William S., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aluminum chloride. 2,123,766; July 12.
- Calcott, William S., Woodstown, F. B. Downing, Carney's Point, and D. H. Powers, Moorestown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic rubber and its manufacture. Re. 20,777; July 5.
- Calcott, Reginald B., Chicago, Ill. Weather strip. 2,120,017; June 7.
- Calderwood, Allan H., Martinez, Calif., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,108,649; Feb. 15.
- Caldwell, Albert E., assignor to G. D. Ladd, Lockport, Ill. Electrical connector. 2,125,485; Aug. 2.
- Caldwell, Albert E., Galesburg, Ill., assignor to Eby Inventions, Inc., Philadelphia, Pa. Swivel electrical connection. 2,134,355; Oct. 25.
- Caldwell, Edwin D., Fredonia, N. Y., assignor to Mohawk Equipment Corporation. Saw. 2,128,691; Aug. 30.
- Caldwell, Frank W., Hartford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Making propeller blades. 2,114,414; Apr. 19.
- Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. One-way drive for propellers. 2,133,656; Oct. 18.
- Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Making propeller blades. 2,138,370; Nov. 29.
- Caldwell, Fred S., Denver, Colo. Headlight for vehicles. 2,119,734; June 7.
- Caldwell, Henry C., assignor, by mesne assignments, to Hendwell Burner Corporation, Buffalo, N. Y. Burning gas. 2,116,096; May 3.
- Caldwell, John B., Toronto, Ontario, Canada. Overhead door. 2,127,155; Aug. 16.
- Caldwell, John R., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Shoe sole or the like and manufacturing same. Re. 20,617; Jan. 11.
- Caldwell, Ollie C., Lisbon, Ohio. Window construction. 2,116,615; May 10.
- Caldwell, Paul. (See Knapheide, M. D., Caldwell, and Elmslie.)
- Caldwell, Rufus H., Jackson Heights, Long Island, and V. T. Bramer, assignors to Bulova Watch Company, Inc., New York, N. Y. Method and apparatus for testing watches. 2,113,825; Apr. 12.
- Caldwell, Stuart H. (See Girl, C., Caldwell, and Dunston.)
- Caldwell, Stuart H., assignor to C. Girl, Detroit, Mich. Hinge structure. 2,115,381; Apr. 26.
- Caldwell, Stuart H., assignor to Kelch Heater Company, Detroit, Mich. Speed indicator apparatus for motor vehicles. 2,130,296; Sept. 13.
- Caldwell, Stuart H., assignor to Kelch Heater Company, Detroit, Mich. Electric shock speed warning. 2,134,028; Oct. 25.
- Calfee, Robert K. (See Ritcher, P. O., and Calfee.)
- Calhoun, Free, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,124,027; July 19.
- Calhoun, Paul W., Madison, Fla. Decelerometer. 2,109,523; Mar. 1.
- California Fruit Growers Exchange. (See Cole, G. M., and Cox, assignors.)
- California Fruit Growers Exchange. (See Cox, Raymond E., assignor.)
- California Fruit Growers Exchange. (See Wilson, Clarence W., assignor.)
- California Portland Cement Company. (See Kaiser, Harry E., assignor.)
- California Process Company. (See Brown, Russell L., assignor.)
- California Process Company. (See Wig, Rudolph J., assignor.)
- California Prune & Apricot Growers Association. (See Love, Carl F., assignor.)
- California Spray-Chemical Corporation. (See Volck, William H., assignor.)
- California Typewriter & Adding Machine Co. (See Marzan, Martin J., assignor.)
- Callkins, Albert E., Akron, Ohio, assignor to The E. F. Goodrich Company, New York, N. Y. Continuous process for the chlorination of ketones. 2,120,392; June 14.
- Callkins, Chauncey L., assignor to L. A. Ederer, Chicago, Ill. Electrical set up mechanism. 2,121,584; June 21.
- Callkins, Chauncey L., assignor to L. A. Ederer, Chicago, Ill. Two-way electrical communication system. 2,130,730; Sept. 20.
- Callkins, Chauncey L., assignor to L. A. Ederer, Chicago, Ill. Electrical transmitting mechanism and circuit. 2,126,672; Nov. 15.
- Callkins, Chauncey L., assignor to L. A. Ederer, Chicago, Ill. Electrical impulse generator. 2,140,573; Dec. 20.
- Callkins, Harold S., Wayland, Mich. Golf bag and accessory therefor. 2,114,870; Apr. 19.
- Callkins, Lyle E., and O. S. Levi, assignors to Save Electric Corporation, Toledo, Ohio. Electric lamp bulb. 2,108,847; Feb. 22.
- Callkins, Lyle E., and O. S. Levi, assignors to Save Electric Corporation, Toledo, Ohio. Making inside frosted electric lamp bulbs. 2,122,517; July 5.
- Callkins, Raymond M. (See Swank, James W., assignor.)
- Call, George M., New York, N. Y. Trap. 2,132,983; Oct. 11.
- Callaghan, George H. (See Dewan, Leon, assignor.)
- Callaghan, Martin A., Burlingame, Calif. Steel partition construction. 2,138,291; Nov. 29.
- Callahan, George, Resaca, assignor of one-half to L. Berman, Dalton, Ga. Tufting attachment for sewing machines. 2,120,229; June 14.
- Callahan, John, Lawrence, Kans. Hat bag. 2,122,714; July 5.
- Callahan, John A., assignor to Briggs Manufacturing Company, Detroit, Mich. Bathtub. 2,122,245; June 28.
- Callahan, John T., Waban, assignor to Archer Rubber Company, Milford, Mass. Composite fabric. 2,113,718; Apr. 12.
- Callahan, Michael J. (See Arnold, E. F. and Callahan.)
- Callan, Earl F., Glendale, Calif. Spraying molten pulverized quartz or enamel mixtures. 2,137,442; Nov. 22.
- Calland, Otho G., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Assembling electric insulators. 2,135,326; Nov. 1.
- Callari, Charles. (See Scuderi, B., and Callari.)
- Callen, Frank J., Clanton, Ala. Paper money counting mechanism. 2,107,977; Feb. 8.
- Callender, Albert, Winnington, Northwich, England, assignor to Imperial Chemical Industries Limited. Automatic control of variable physical characteristics. 2,133,246; Oct. 11.
- Callender's Cable and Construction Company. (See Briggs, J. E., and Gibson, assignors.)
- Callender's Cable and Construction Company. (See Hunter, P. V., and Hill, assignors.)
- Callender's Cable and Construction Company. (See Vincent, Russell S., assignor.)
- Callender's Cable and Construction Company Limited. (See Gooding, Hubert T., assignor.)
- Callery, George L., New Castle, Del. Horn button attachment. 2,141,374; Dec. 27.
- Calleson, Edgar A., Merrick, N. Y. Manufacture of sheet metal caps. 2,136,933; Nov. 15.
- Calling, John, Chicago, Ill., assignor to International Harvester Company. Pump. 2,124,185; July 19.
- Callis, Conral C., Oakmont, Pa. Fuel. 2,104,021; Jan. 4.
- Callo, Alexander. (See Gerngross, O., and Callo.)
- Calloy Limited. (See Kirsebom, Gustaf N., assignor.)
- Callsen, Albert, Stuttgart-Botnang, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung. Apparatus for switching on the starter of an internal combustion engine. 2,123,133; July 5.
- Callsen, Albert, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Starting internal combustion engines. 2,123,711; July 12.
- Callsen, Albert, Stuttgart-Botnang, Germany, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung. Starting apparatus for internal combustion engines. 2,128,026; Aug. 23.
- Callsen, Albert, Stuttgart-Botnang, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Engine starting apparatus. 2,133,531; Oct. 18.
- Callsen, Jürgen, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Alkoxyalkyl mercury nitrogen compounds. 2,119,701; June 7.
- Calnan, Roger S., Washington, D. C., assignor to The Richter & Phillips Company, Cincinnati, Ohio. Belt. 2,134,600; Oct. 25.
- Calorider Corporation, The. (See Weiss, John M., assignor.)
- Calumet Refining Company. (See Cremer, Charles W., assignor.)
- Calva, Jose B. (See Tomsick, W. J., Dodge, and Calva.)
- Calva, Jose B., St. Paul, assignor to General Products Corporation, Minneapolis, Minn. Making a greaseproof container. 2,122,907; July 5.
- Calvert, James W., assignor to C. E. S. Townsend, Baltimore, Md. Coin controlled dispensing and signal apparatus. 2,117,141; May 10.
- Calvert, Robert, Scarsdale, N. Y., K. L. Dern, Burlingame, and G. A. Alles, Los Angeles, Calif., assignors, by mesne assignments, to Celite Corporation, New York, N. Y. Diatomaceous earth product and making the same. Re. 20,844; Sept. 6.
- Calvert, William C. (See Kinkelmann, H. A., Moffett, and Calvert.)
- Calvert, William C., Oak Park, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,129,445; Sept. 6.
- Calvert, William C., Chicago, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Apparatus for manufacturing rubber hydrochloride films. 2,134,172; Oct. 2.
- Calvert, William C., Chicago, Ill., assignor to Wingfoot Corporation, Akron, Ohio. Rubber hydrochloride. 2,130,047; Dec. 6.



- Calvete, Isidoro B., Clapham, London, England, assignor to Eugene, Ltd., New York, N. Y. Permanent waving of hair. 2,126,170; Aug. 9.
- Calvin, Edwin, Akron, Ohio. Footwear. 2,134,173; Oct. 25.
- Calvin, Edwin, Akron, Ohio. Footwear. 2,138,955; Dec. 6.
- Calvy, Jean, Paris, France. Friction bearing for aircraft control surfaces. 2,119,151; May 31.
- Calzavara, Luigi, Rome, Italy. Protective structure against artillery shells. 2,110,322; Mar. 8.
- Cambessedès, Jean E. F., Paris, France. Automobile bodywork. 2,111,885; Mar. 22.
- Cambridge, Allan S., Omarama, New Zealand. Mowing machine. 2,114,210; Apr. 12.
- Cambridge, Allan S., Dalrachney Station, Omarama, New Zealand. Mowing machine. 2,127,053; Aug. 16.
- Cambridge Rubber Co. (See Dunbar, Ernest W., assignor.)
- Cambridge Rubber Co. (See Reynolds, Charles E., assignor.)
- Camel Pen Company. (See Kingman, Russell B., assignor.)
- Cameo Corporation. (See Barnes, Thomas F., assignor.)
- Cameron, Allan M., Oak Park, assignor to Cameron Can Machinery Co., Chicago, Ill. Can body flanger. 2,119,666; June 7.
- Cameron, Allan M., Oak Park, assignor to Cameron Can Machinery Co., Chicago, Ill. Apparatus for soldering ends to can bodies. 2,132,145; Oct. 4.
- Cameron Can Machinery Co. (See Cameron, Allan M., assignor.)
- Cameron Can Machinery Co. (See Cameron, William, assignor.)
- Cameron, Charles. (See Morrison, G., and Cameron.)
- Cameron, Donald G. (See Truesdell, F. W., Cameron, and Whyte.)
- Cameron, Donald G., Lynn, Mass., assignor to General Electric Company. Dual-load meter. 2,132,256; Oct. 4.
- Cameron Iron Works. (See Burke, W. E., and Works, assignors.)
- Cameron, James D., Madawaska, Ontario, Canada. Rotary sleeve valve for internal combustion engines. 2,117,650; May 17.
- Cameron, James G., Aberfoyle, Scotland. Tamping and rolling machine operated by vibration. Re. 20,663; Mar. 1.
- Cameron, Mortimer B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Movement restraining means. 2,128,037; Aug. 23.
- Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Work feeding apparatus. 2,119,665; June 7.
- Cameron, William J., Chicago, Ill. Visual indicator for ascertaining conditions of the circulatory system. 2,121,014; June 21.
- Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Apparatus for coating pipes. 2,114,974; Apr. 19.
- Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Coating pipes. 2,114,975; Apr. 19.
- Camienner, Paul M. (See Marshall, W., and Camienner, assignors.)
- Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Current transformer. 2,129,524; Sept. 6.
- Camilli, Guglielmo, and W. E. Lynch, Pittsfield, Mass., assignors to General Electric Company. Cascade transformer. 2,113,421; Apr. 5.
- Caminetz, Morris. (See Weigele, J. W., and Caminetz.)
- Cammen, Carolyn C. (See Cammen, Leon, assignor.)
- Cammen, Leon, assignor to C. C. Cammen, New York, N. Y. Telegraph printer. 2,136,411; Nov. 15.
- Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Co. Hand brake. 2,112,235; Mar. 29.
- Camp, Percy B., Maywood, Ill., assignor to Cardwell Westinghouse Company. Railway truck. 2,141,767; Dec. 27.
- Camp, Thomas R., Newton, Mass., assignor to The Jeffrey Manufacturing Company. Apparatus for purifying liquids. 2,118,157; May 24.
- Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Lap preventer. 2,123,499; July 12.
- Campbell, A. S., Co. (See Campbell, Alphonso S., assignor.)
- Campbell, A. S., Co. (See Holmes, Harold H., assignor.)
- Campbell, A. S., Co. (See McAdams, James F., assignor.)
- Campbell, Alphonso S., Winchester, assignor to A. S. Campbell Co., Inc., East Boston, Mass. Vertical bumper. 2,106,130; Jan. 18.
- Campbell, Alphonso S., Winchester, assignor to A. S. Campbell Co., Inc., East Boston, Mass. Vertical bumper. 2,138,782; Nov. 29.
- Campbell, Arthur A., Huron, Ohio. Rubbing appliance. 2,112,593; Mar. 29.
- Campbell, Bruce H., Atlanta, Ga. Rheostat for an electrical battery indicator. 2,125,219; July 26.
- Campbell, Charles, London, England, assignor to International Business Machines Corporation, New York, N. Y. Calculating machine. 2,113,612; Apr. 12.
- Campbell, Charles, London, England, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,126,615; Aug. 9.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,130,713; Sept. 20.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,130,714; Sept. 20.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air filter. 2,134,601; Oct. 25.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Filter. 2,135,100; Nov. 1.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,136,573; Nov. 15.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,136,574; Nov. 15.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,136,575; Nov. 15.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,136,576; Nov. 15.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,136,577; Nov. 15.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,136,578; Nov. 15.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,136,579; Nov. 15.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,136,580; Nov. 15.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,136,581; Nov. 15.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,136,582; Nov. 15.
- Campbell, Charles H., Kent, Ohio. Treatment of leather. 2,133,224; Oct. 11.
- Campbell, Charles H., Kent, Ohio. Rubber composition and compounding. 2,136,771; Nov. 15.
- Campbell, Curtis Q. M., Pittsburgh, Pa. Purification of liquids. 2,130,789; Sept. 20.
- Campbell, Donald A., assignor to G. W. McKee, Rockford, Ill. Gaseous fuel burner. 2,105,344; Jan. 11.
- Campbell, Donald J. (See Reichert, J. S., Campbell, Hinegardner, and London.)
- Campbell, Donald J., Spring Lake Township, Ottawa County, Mich. Brake drum cooling device. 2,106,702; Feb. 1.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Cam shaft. 2,107,747; Feb. 8.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Hollow crankshaft. 2,109,083; Feb. 22.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Molding apparatus. 2,122,022; June 28.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Mold. 2,127,204; Aug. 16.
- Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Foundry molding. 2,138,623; Nov. 29.
- Campbell, Donald J., Muskegon Heights, Mich. Internal combustion engine cooling system. 2,121,015; June 21.
- Campbell, Donald J., Muskegon Heights, Mich. Molding machine. 2,131,935; Oct. 4.
- Campbell, Donald J., and A. G. Anderson, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Apparatus for coating molds. 2,106,701; Feb. 1.
- Campbell, Donald J., and L. P. London, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bleaching beeswax. 2,108,282; Feb. 15.
- Campbell, Donald J., Spring Lake Township, Ottawa County, and C. W. Dake, Grand Haven, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Mold for manufacture of brake drums. 2,138,624; Nov. 29.
- Campbell, Edward, Detroit, assignor of one-fifth to S. T. Handy, Lansing, Mich. Vacuum cleaner. 2,134,396; Oct. 25.
- Campbell, George, assignor of fifty-one per cent to J. White, Prescott, Ark. Lawn broom. 2,131,612; Sept. 27.
- Campbell, Grover S. (See Jagoe, Walker M., assignor.)
- Campbell, Harris S., Willow Grove, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotatable sustaining means. 2,122,450; July 5.



- Campbell, Harris S., assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft sustaining rotor. 2,127,105; Aug. 16.
- Campbell, Harris S., assignor to Autogiro Company of America, Willow Grove, Pa. Roadable autorotative-winged aircraft. 2,135,699; Nov. 8.
- Campbell, Harry A., and G. H. Vinette, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Seat construction. 2,121,856; June 28.
- Campbell, Harry E., Baltimore, Md., assignor to Campbell Metal Window Corporation, New York, N. Y. Casement window operating means. 2,106,081; Jan. 18.
- Campbell, Harry E., Baltimore, Md., assignor to Campbell Metal Window Corporation. Window frame and sash construction. 2,113,959; Apr. 12.
- Campbell, Harry W., Los Angeles, Calif. Shot for athletic uses. 2,117,938; May 17.
- Campbell, Harry W., Los Angeles, and T. S. Graham, Inglewood, Calif. Javelin. 2,122,023; June 28.
- Campbell, Herbert F., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Cone crusher. 2,132,508; Oct. 11.
- Campbell, Hugh L., Hazelton, Pa. Sanding attachment for brickmaking machines. 2,115,301; Apr. 26.
- Campbell, John. (See Hanson, D., and Pell-Walpole.)
- Campbell, Kenneth, Radburn, N. J., assignor to Wright Aeronautical Corporation. Engine cowling. 2,119,221; May 31.
- Campbell, Kenneth, Radburn, and P. B. Taylor, Upper Montclair, N. J., assignors to Wright Aeronautical Corporation. Controllable engine cowling. 2,137,386; Nov. 22.
- Campbell, Melvin M., South St. Joseph, Mo., assignor to Industrial Patents Corporation, Chicago, Ill. Casing conveyor. 2,104,450; Jan. 4.
- Campbell Metal Window Corporation. (See Campbell, Harry E., assignor.)
- Campbell Metal Window Corporation. (See Sargent, A., and Armstrong, assignors.)
- Campbell Metal Window Corporation. (See Sargent, John A., assignor.)
- Campbell, Neil L., assignor to Mannington Mills, Incorporated, Salem, N. J. Producing felt base floor coverings. Re. 20,853; Sept. 13.
- Campbell, Neil L., assignor to Mannington Mills, Incorporated, Salem, N. J. Producing felt base floor coverings. 2,123,646; July 12.
- Campbell, Nicholas D., Hackensack, N. J. Tire inflating and ventilating device. 2,119,735; June 7.
- Campbell, Richard L. (See Wile, D. D., and Campbell.)
- Campbell, Richard L., Oaklyn, N. J., assignor to Radio Corporation of America, New York, N. Y. Television system. 2,110,982; Mar. 15.
- Campbell, Richard L., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Electrical system. 2,141,343; Dec. 27.
- Campbell, Robert, West New Brighton, Staten Island, N. Y., and J. R. Proctor, assignors to Atlas Steel Barrel Corporation, Bayonne, N. J. Full removable drum head clamping ring. 2,125,767; July 2.
- Campbell, Robert E., York, England. Reflex camera. 2,119,200; May 31.
- Campbell, Samuel J., Green Bay, Wis. Wrapping toilet paper and the like. 2,113,078; Apr. 5.
- Campbell, Samuel J., assignor of one-half to Hudson Sharp Machine Company, Green Bay, Wis. Manufacturing folded paper articles. 2,114,415; Apr. 19.
- Campbell, Stanley T., assignor to The Aetna Rubber Company, Cleveland, Ohio. Mold. 2,133,019; Oct. 11.
- Campbell, Sterling H., and F. H. Pietzsch, assignors to Western Railway Equipment Company, St. Louis, Mo. Floor construction. 2,114,556; Apr. 19.
- Campbell, Sumner E., Long Beach, Calif. Treating emulsions. 2,133,186; Oct. 11.
- Campbell Taggart Associated Bakeries, Inc. (See Archer, Philip D., assignor.)
- Campbell, Walter L., Boston, Mass. Meat tenderizer. 2,135,960; Nov. 8.
- Campbell, Walter R., and V. B. Alling, Vancouver, Wash. Canning dried fruits. 2,115,382; Apr. 26.
- Campbell, Wendell B., Morrow, Ohio. Voting machine. 2,130,338; Sept. 20.
- Campbell, William A., and R. Givens, Carbondale, Ill. Combined seat and automatic closure for dry closets. 2,136,489; Nov. 15.
- Campbell, William B., assignor of one-fourth to L. S. Madlem, San Francisco, Calif. Pump for semifluids. 2,125,283; Aug. 2.
- Campbell, William J., assignor to Petroleum Machinery Corporation, New York, N. Y. Swab device for wells. 2,135,167; Nov. 1.
- Campbell, William R., Battle Creek, Mich. Roller skate. 2,122,311; June 28.
- Campbell, Wyant & Cannon Foundry Company. (See Anderson, A. G., and Kibbe, assignors.)
- Campbell, Wyant & Cannon Foundry Company. (See Aske, Irving E., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Campbell, D. J., and Anderson, assignors.)
- Campbell, Wyant & Cannon Foundry Company. (See Campbell, D. J., and Dake, assignors.)
- Campbell, Wyant & Cannon Foundry Company. (See Dake, Charles W., assignor.)
- Campion, James F., Freeport, N. Y. Glass pane holding device. 2,117,939; May 17.
- Campolunghi, Giovanni, assignor to Societa Anonima Minerva, Rome, Italy. Treatment of schappe thread bands of artificial silk, and apparatus therefor. 2,133,535; Oct. 18.
- Campos, Adolfo J., assignor of one-half to J. N. Hemsley, Kearny, N. J. Cigarette case. 2,123,692; July 12.
- Campos, Louis H., New York, N. Y. Airtight coffee container. 2,116,300; May 3.
- Campus, Cesare C., assignor to P. A. Campus, Santa Monica, Calif. Container housing flushing apparatus. 2,126,448; Aug. 9.
- Campus, Paul A. (See Campus, Cesare C., assignor.)
- Canada Cycle & Motor Company. (See Peace, Harvey W., assignor.)
- Canada Paper Company. (See Grant, Dallas, assignor.)
- Canada Paper Co. et al. (See Kernin, Alfred G., assignor.)
- Canadian Allis-Chalmers, Limited. (See Grierson, George A. H., assignor.)
- Canadian Electro Products Company. (See Wisdom, Stuart A., assignor.)
- Canadian Pulp and Paper Research Corporation. (See Maass, O., and Richardson, assignors.)
- Canadian Vickers Limited. (See Ferrier, Alan, assignor.)
- Canady, Don, Cleveland, Ohio. Film-phonograph for reducing a sound track and rephotographing the reduced track onto a narrow independent film remote from the master film. 2,117,145; May 10.
- Canavan, Edward J., Teaneck, N. J., assignor to The Barrett Company, New York, N. Y. Bituminous paint and making the same. 2,121,949; June 28.
- Candee, Allan H. (See Wildhaber, E., and Candee.)
- Candee, Allan H., assignor to Gleason Works, Rochester, N. Y. Method of and machine for producing gears. 2,104,184; Jan. 4.
- Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,127,990; Aug. 23.
- Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,127,991; Aug. 23.
- Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,131,834; Oct. 4.
- Candor, Robert R., and D. F. Alexander, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,383; Jan. 4.
- Candy, Albert M., La Grange, Ill. Control system. 2,110,436; Mar. 8.
- Candy, Albert T., Jr., Oak Park, assignor to Candy & Company, Inc., Chicago, Ill. Coded wire. 2,106,048; Jan. 18.
- Candy & Company. (See Candy, Albert T., Jr., assignor.)
- Canetta, John, Wilkensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,115,515; Apr. 26.
- Canetta, John, Wilkensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,128,038; Aug. 23.
- Canetta, John, and E. S. Cook, Wilkensburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake control. 2,130,612; Sept. 20.
- Canfield, Earl L. (See Doane, Leroy C., assignor.)
- Canfield, Edward R., Goodman, Mo. Front wheel drive for motor vehicles. 2,133,536; Oct. 18.
- Canfield, Harry R. (See Roemer, Ralph R., assignor.)
- Canfield, Jesse J., and G. W. McGohan, assignors to The American Rolling Mill Company, Middletown, Ohio. Metal article for coating. 2,127,388; Aug. 16.
- Canfield, Joseph P., et al. (See Barrington, O. W., and White.)
- Canfield, Kendall E. (See Durham, H. N., and Canfield.)
- Canfield, Robert W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass melting furnace. 2,106,547; Jan. 25.
- Canfield, Robert W., and T. Waugh, West Hartford, assignors to Hartford-Empire Company, Hartford, Conn. Apparatus for forming glassware. 2,106,546; Jan. 25.
- Canister Company, The. (See Kernahan, Martin P., assignor.)
- Cannard, William H., Green Bay, Wis. Multistage creping apparatus. 2,141,809; Dec. 27.
- Cannata, John, Chicago, Ill. Automobile door locking device. 2,141,902; Dec. 27.
- Canning, Charles V., assignor to Sweets Laboratories, Inc., New York, N. Y. Stencil sheet. 2,140,506; Dec. 20.
- Cannity, Ernest, assignor to The James Hunter Machine Company, North Adams, Mass. Compression roll. 2,138,397; Nov. 29.
- Cannon, Charles B. (See Shyvers, Ken C., assignor.)
- Cannon & Co. (See Padva, P., and Cannon, assignors.)
- Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Prefill valve for hydraulic presses. 2,127,324; Aug. 16.
- Cannon, George E., Houston, Tex., assignor to Standard Oil Development Company. Drilling fluid for combating heaving shale. 2,109,858; Mar. 1.
- Cannon, George W., Interbaken, North Muskegon, Mich. Conveyor. 2,109,899; Mar. 1.



- Cannon, James A. (See Sanders, C. E., Cannon, and Howell.)
- Cannon, John W., Plainfield, N. J. Fluid fuel burning apparatus. 2,135,275; Nov. 1.
- Cannon, Lloyd J. (See Padva, P., and Cannon.)
- Cannon Mills Company. (See O'Neill, E. W., and Hoskins, assignors.)
- Cannon, Perry R., et al. (See Strassman, Otto A., assignor.)
- Cannon, R. Blair. (See Williams, James C., assignor.)
- Cannon, Wilford Y., Salt Lake City, Utah. Sound reproducer. 2,128,398; Aug. 30.
- Cannon, William W., assignor to Alpha Products Company, New York, N. Y. Liquid measuring dispensing valve. 2,135,168; Nov. 1.
- Cantelo, Robert Charles. (See Butz, R. J., and Cantelo.)
- Canter, Morris, New York, N. Y. Method and apparatus for applying metallic seals. 2,122,557; July 5.
- Cantrell, Frank J., San Anselmo, Calif. Soap dispensing device. 2,122,636; July 5.
- Cantrell, Lorraine V., Berkeley, Calif. Draftsman's rule. 2,124,051; July 19.
- Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of improved lubricating compositions. 2,109,463; Mar. 1.
- Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of thioethers of alpha-anthraquinone. 2,109,464; Mar. 1.
- Cantrell, Troy L., Lansdowne, Pa., and J. O. Turner, Bartlesville, Okla., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Azo dyes derived from beta-naphthol. 2,121,016; June 21.
- Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Beta-naphthol monoazo alkoxy-nitrophenyl dyes. 2,121,017; June 21.
- Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant. 2,134,432; Oct. 25.
- Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil. 2,134,433; Oct. 25.
- Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of alkyl-phenyloxy-ethers of 2:4 dinitrobenzene. 2,134,434; Oct. 25.
- Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Turbine lubrication. 2,134,435; Oct. 25.
- Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Extreme pressure lubrication. 2,134,436; Oct. 25.
- Canuteson, Irving L., Beaumont, Tex., assignor to Precision Scientific Company, Chicago, Ill. Temperature measuring device. 2,107,468; Feb. 8.
- Capaldo, Louis A., New York, N. Y. Umbrella. 2,128,634; Aug. 30.
- Capel, Louis J. M., Marseille, France. Parachute. 2,111,886; Mar. 22.
- Capezio, Salvatore, East Paterson, N. J. Sound producing device for footwear. 2,105,642; Jan. 18.
- Capezio, Salvatore, East Paterson, N. J. Toe tap. 2,118,835; May 31.
- Capezio, Salvatore, East Paterson, N. J. Side tap and tap assembly for dancers. 2,124,908; July 26.
- Capillon, Edward A., assignor to D. E. Makepeace Company, Attleboro, Mass. Solder filled wire. 2,138,088; Nov. 29.
- Capital City Products Company, The. (See Moore, H. E., and Vogel, assignors.)
- Capital National Bank, The. (See Connelly, George F., assignor.)
- Caplan, Leo, Brooklyn, N. Y. Toilet article. 2,112,518; Mar. 29.
- Caplan, Milton M. (See Lurssen, Herman H., assignor.)
- Caples, Robert C., Reno, Nev. Pocket ash receiver. 2,141,783; Dec. 27.
- Cappette, Floris. (See Coussement, H. P., and Cappette.)
- Capps, Washington T., Baltimore, Md., assignor to The Standard Stoker Company, Incorporated. Drive mechanism. 2,115,517; Apr. 26.
- Capps, Washington T., Baltimore, Md., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker conveyor. 2,119,071; May 31.
- Capps, Washington T., Baltimore, Md., assignor, by mesne assignments, to Standard Stoker Company, Inc. (1922), New York, N. Y. Sectional fuel distributor. 2,127,459; Aug. 16.
- Capps, Washington T., Baltimore, Md., assignor to The Standard Stoker Company, Incorporated. Flexible coupling. 2,136,412; Nov. 15.
- Caprio, Amerigo F. (See Anderson, B., and Caprio.)
- Caprotti, Arturo, Milan, Italy. Variable valve lift for oscillating valve gears. 2,119,904; June 7.
- Caps, Arthur W. (See Landrock, P., and Caps.)
- Capstan Glass Company. (See Brown, Banks D., assignor.)
- Capstan Glass Company. (See McNamara, William L., assignor.)
- Capstick, John W., Verdun, Quebec, Canada. Tape binding and package closing machine. 2,109,328; Feb. 22.
- Captive Closures, Inc. (See Cahoon, Brent F., assignor.)
- Captive Closures, Inc. (See Wilson, R. W., and Cahoon, assignors.)
- Capuano, Crescenzo, Los Angeles, Calif. Trousers. 2,113,646; Apr. 12.
- Caraballo, Martin, and J. G. Zendegui, Tampa, Fla. Device for perforating the ends of cigars. 2,104,291; Jan. 4.
- Caraballo, Martin, and J. G. Zendegui, Tampa, Fla. Cigar tip perforating machine. 2,104,292; Jan. 4.
- Caracristi, Virginus Z., Bronxville, assignor to The Superheater Company, New York, N. Y. Locomotive superheater. 2,107,815; Feb. 8.
- Carawan, Ashley, Chicago, Ill. Hair dyeing equipment. 2,110,041; Mar. 1.
- Caraway, George W., Bishopville, S. C. Shirt attachment. 2,137,563; Nov. 22.
- Carbide and Carbon Chemicals Corporation. (See Blair, C. M., and Carruthers, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Boese, Albert B., Jr., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Chitwood, H. C., and Perkins, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Cox, Henry L., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Cox, H. L., and Matlack, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Groff, Frazier, assignor.)
- Carbide and Carbon Chemicals Corporation. (See Langwell, H., Maddocks, and Short, assignors.)
- Carbide and Carbon Chemicals Corporation. (See McNamee, R. W., and Blair, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Reed, Marion C., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Rowland, K. H., and Wallin, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Smith, Omar H., assignor.)
- Carbide and Carbon Chemical Corporation. (See Vaughn, Thomas H., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Wilson, Alexander L., assignor.)
- Carbis, Henry J., assignor to Aluminum Ladder Co., Tarentum, Pa. Ladder. 2,126,171; Aug. 9.
- Carboloy Company. (See Dean, Reginald S., assignor.)
- Carboloy Company. (See Engle, Edgar W., assignor.)
- Carboloy Company. (See Simons, Morris, assignor.)
- Carbon Interleaved Forms Corporation. (See Fulk, George L., assignor.)
- Carbonara, Victor E., Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Indicating instrument. 2,127,807; Aug. 23.
- Carbonara, Victor E., Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Change responsive controlling means. 2,132,286; Oct. 4.
- Carbondale Machine Corporation. (See Hirsch, Sylvan R., assignor.)
- Carbondale Machine Corporation. (See Kroft, V. E., and Roe, assignors.)
- Carboneau, Gordon S., assignor to Utah Radio Products Company, Chicago, Ill. Loudspeaker. 2,141,949; Dec. 27.
- Carbo-Norit-Union Verwaltungs-Gesellschaft m. b. H. (See Engelhardt, Alfred, assignor.)
- Carborundum Company, The. (See Ball, Albert L., assignor.)
- Carborundum Company, The. (See Ball A. L., and Benner, assignors.)
- Carborundum Company, The. (See Ball, A. L., and Scutt, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Ball, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Baumann, assignors.)
- Carborundum Company, The. (See Benner, R. C., and de Leeuw, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Easter, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Melton, assignors.)
- Carborundum Company, The. (See Boyer, John A., assignor.)
- Carborundum Company, The. (See Boyer, J. A., and Rose, assignors.)
- Carborundum Company, The. (See Brown, William A., assignor.)
- Carborundum Company, The. (See Bryant, Robert C., assignor.)
- Carborundum Company, The. (See de Leeuw, Peter, assignor.)
- Carborundum Company, The. (See Finnegan, William, assignor.)
- Carborundum Company, The. (See Hawke, Clarence E., assignor.)
- Carborundum Company, The. (See Kirchner, H. P., and Benner, assignors.)
- Carborundum Company, The. (See Klomp, Alfred W., assignor.)
- Carborundum Company, The. (See Martin, H. C., and Upper, assignors.)
- Carborundum Company, The. (See Martin, H. C., Upper, and Aust, assignors.)
- Carborundum Company, The. (See Melton, Romie L., assignor.)



- Carborundum Company, The. (See Melton, R. L., Benner, and Kirchner, assignors.)
- Carborundum Company, The. (See Nelson, Charles S., assignor.)
- Carborundum Company, The. (See Rickard, George B., assignor.)
- Carborundum Company, The. (See Robie, Norman P., assignor.)
- Carborundum Company, The. (See Scutt, A. G., and Ball, assignors.)
- Carborundum Company, The. (See Walker, Avery W., assignor.)
- Carborundum Company, The. (See Whiteacre, Maxwell L., assignor.)
- Carborundum Company, The. (See Whitacre, M. L., and de Leeuw, assignors.)
- Carborundum Company, The. (See Woodell, C. E., Nelson, and Lincoln, assignors.)
- Carboxhyd Ltd. (See Prudhomme, Eugene A., assignor.)
- Card, Charles S., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Making a forged clamp. 2,111,505; Mar. 15.
- Card, Charles W., Aurora, Ill. Clamp. 2,105,345; Jan. 11.
- Card, Don B., Portland, Oreg. Sign. 2,141,344; Dec. 27.
- Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing and trimming machine. 2,105,346; Jan. 11.
- Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimming machine. 2,105,347; Jan. 11.
- Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot for sewing machines. 2,125,043; July 26.
- Card, Joseph B., Highland Park, Ill., assignor to Illinois Dry Kiln Company. Wood treating process. 2,118,966; May 31.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Apparatus for the manufacture of welted shoes. 2,115,800; May 3.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Sole press. 2,116,967; May 10.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Welt holding mechanism. 2,131,370; Sept. 27.
- Cardinal Corporation, The. (See Bauer, Charles A., assignor.)
- Cardinal, Oliver V., Detroit, Mich., assignor to The Worth Company. Car loading device. 2,118,030; May 24.
- Cardone, Eugene, Brooklyn, N. Y. Coin and bill receptacle. 2,128,399; Aug. 30.
- Cardox Corporation. (See Armstrong, Frank H., assignor.)
- Cardox Corporation. (See Noble, Warren, assignor.)
- Cardwell Westinghouse Company. (See Camp, Percy B., assignor.)
- Cardwell-Westinghouse Company. (See Lerch, Anthony, Jr., assignor.)
- Cardwell-Westinghouse Company. (See Sproul, Donald F., assignor.)
- Carcl, Marjorie E., Chicago, assignor to F. E. Selz, Glencoe, Ill. Bag for hot or cold packs. 2,122,001; June 28.
- Carow, Herman, assignor to Dixie-Vortex Company, Easton, Pa. Container and closure therefor. 2,121,394; June 21.
- Carew, Herman, Easton, Pa., assignor, by mesne assignments, to Dixie-Vortex Company, Chicago, Ill. Paper cup making machine. 2,140,665; Dec. 20.
- Carow, Herman, assignor to Dixie-Vortex Company, Easton, Pa. Dispenser. 2,141,682; Dec. 27.
- Carey, John. (See Wagner, F. U., and Carey.)
- Carey, Max G., Miami Beach, Fla., and J. L. Bischof, St. Louis, Mo. Apparel-garment. 2,119,040; May 31.
- Carey-McFall Co. (See Reukauf, Edward, Jr., assignor.)
- Carey-McFall Co. (See Stuber, Walter J., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Brown, Joseph A., assignor.)
- Carey, Philip Manufacturing Company, The. (See Burchenal, W., and Pfohl, assignors.)
- Carey Philip Manufacturing Company, The. (See Ellis, H. A., and Slattery, assignors.)
- Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Greider, H. W., and Fasold, assignors.)
- Carey, Philip, Manufacturing Company, The. (See Greider, H. W., and Smith, assignors.)
- Carey, Philip, Manufacturing Company, The. (See Hunt, James B., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Jensen, H. C., and Malcolm, assignors.)
- Carey, Philip, Manufacturing Company, The. (See Miller, Harley H., assignor.)
- Carey, Thomas W., New Orleans, La. Brake control for motor vehicles. 2,112,950; Apr. 5.
- Cargill, Clifton, assignor to The George E. Felling Supply Company, Enid, Okla. Threaded joint. 2,140,467; Dec. 13.
- Cargill, Frank, Minneapolis, Minn. Advertising device. 2,135,483; Nov. 8.
- Cargill, Frank J., Minneapolis, Minn. Illuminated advertising device. 2,135,484; Nov. 8.
- Carhart, Raymond H., East Syracuse, assignor to W. C. Lipe, Inc., Syracuse, N. Y. Tubular knitting machine. 2,136,934; Nov. 15.
- Carington, Charles M., and A. E. Postlethwaite, assignors to K. L. G. Sparking Plugs Limited, London, England. Sparking plug. 2,108,525; Feb. 15.
- Carisi, John. (See Cox, L. C., and Carisi.)
- Carl, Fred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphuric acid by the contact process. 2,112,689; Mar. 29.
- Carl, Fred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentration of nitric acid. 2,139,721; Dec. 13.
- Carl, John H., Gilroy, Calif. Rifle telescope mount. 2,115,618; Apr. 26.
- Carl, Leroy R., Buffalo, N. Y. Primary detonating explosive. 2,127,106; Aug. 16.
- Carl, Louis, Brooklyn, N. Y. Pipe bending method and apparatus. 2,119,875; June 7.
- Carlbeg, John. (See Sherman, R. M., and Carlbeg.)
- Carlbeg, John. (See Sherman, R. M., Carlbeg, and Neumann.)
- Carlborg, Charles F., Portland, Oreg. Gear puller. 2,109,740; Mar. 1.
- Carle, Fred, Newark, N. J. Combination ladder bracket. 2,140,828; Dec. 20.
- Carle, William T. (See Fulcher, R. G., and Carle.)
- Carlesimo, Angelo, Detroit, Mich. Pull shovel excavator. 2,106,402; Jan. 25.
- Carleton, Emile J. (See Morin, G. G., and Carleton.)
- Carleton, Hugh E., Carteret, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Furnace. 2,105,309; Jan. 11.
- Carleton, Ralph D., Snyder, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Engine mount. 2,109,329; Feb. 22.
- Carley Heater Company. (See Buckley, Milford A., assignor.)
- Carley, Leonard R., assignor to The Patent Button Company, Waterbury, Conn. Sew-on button. 2,110,645; Mar. 8.
- Carley, Russell W., Wauwatosa, assignor to Phoenix Hosiery Company, Milwaukee, Wis. Hosiery. 2,121,857; June 28.
- Carlier & Rahr, Inc. (See Rahr, William, assignor.)
- Carlie, Alfred E., Meadville, Pa., assignor to Talon, Inc. Slider retaining device. 2,112,725; Mar. 20.
- Carlie, Alfred E., Meadville, Pa., assignor to Talon, Inc. Separable interlocking fastener and making the same. 2,127,839; Aug. 23.
- Carlisle, Charles C., Nowata, Okla. Deep well fluid motor. 2,118,547; May 24.
- Carlisle Lumber Company. (See Goss, Worth C., assignor.)
- Carlisle Lumber Company. (See Goss, O. P. M., and Goss, assignors.)
- Carlisle, Maynard G., Manchester Center, Vt. Piston ring expander. 2,125,766; Aug. 2.
- Carlisle, Pitt M., assignor to Panama Brick & Tile Company, Panama City, Fla. Brick and tile machine. 2,104,293; Jan. 4.
- Carliss, Oswald S., Providence, R. I., assignor to H & B American Machine Company. Process and mechanism for drafting textile sliver, roving, or yarn. 2,111,139; Mar. 15.
- Carll, Clarence E. and W. G., Gorham, Maine. Corn trimming machine. 2,109,365; Feb. 22.
- Carll, Willis G. (See Carll, Clarence E. and W. G.)
- Carlson, Charles M., assignor to The Chemical Corporation, Spokane, Wash. Preinjection fluid. 2,117,297; May 17.
- Carlson, Leonard O., assignor to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,114,627; Apr. 19.
- Carlson, Adolph G., Chicago, Ill. Slurry drier. 2,122,857; July 5.
- Carlson, Arnold W., Lewistown, Pa. Door stop and holder. 2,109,228; Feb. 22.
- Carlson, Axel H., assignor to J. & L. Tool Company, Attleboro, Mass. Clip brooch. 2,114,675; Apr. 19.
- Carlson, Axel W. (See Stake, H., and Carlson.)
- Carlson, Bert G., Queens Village, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Airplane engine synchronizer. 2,104,582; Jan. 4.
- Carlson, Bert G., Bellerose, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Caging means for directional gyroscopes. 2,111,388; Mar. 15.
- Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Hydro-pneumatic automatic pilot. 2,139,878; Dec. 13.
- Carlson, Carl A., San Francisco, Calif. Mirror shield. 2,123,400; July 12.
- Carlson, Carl L., Jennings Lodge, Oreg. Fastening device. 2,125,540; Aug. 2.
- Carlson, Clarence G., Oakland, Calif. Infant trainer. 2,127,020; Aug. 16.
- Carlson, Clarence O., East Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Fastener. 2,118,158; May 24.
- Carlson, Edward E. (See Smith, M. B., and Carlson.)
- Carlson, Edwin G., East Providence, assignor to Spindel Corporation, Providence, R. I. Bracelet structure. 2,138,570; Nov. 20.



- Carlson, Ejnar W., Roselle, N. J., assignor to Standard Oil Development Company. Production of lubricating oil dyes. 2,119,097; May 31.
- Carlson, Ellsworth E., Saratoga Springs, assignor to Van Raalte Company, New York, N. Y. Method and mechanism for making runproof or run-resistant full-fashioned or flat-knit stocking or blanks. 2,114,955; Apr. 19.
- Carlson, Ellsworth E., Saratoga Springs, assignor to Van Raalte Company, New York, N. Y. Runproof or run-resistant full-fashioned or flat-knit stocking or blank therefor. 2,114,956; Apr. 19.
- Carlson, Elmer T. (See Anderson, W. C., and Carlson.)
- Carlson, Ernest B. (See Bowen, K. H., and Carlson.)
- Carlson, Ernest H., Chicago, Ill. Sash cord fastener. 2,125,152; July 26.
- Carlson, Frederick O., assignor to Master Rule Manufacturing Company, Inc., New York, N. Y. Steel tape rule. 2,132,202; Oct. 4.
- Carlson, George, Bridgeport, Conn., assignor to General Electric Company. Liquid contact circuit closer. 2,116,383; May 3.
- Carlson, George, Bridgeport, Conn., assignor to General Electric Company. Armored conductor. 2,120,088; June 7.
- Carlson, George, Bridgeport, and H. G. Knoderer, Fairfield, Conn., assignors to General Electric Company. Electric cable. 2,141,290; Dec. 27.
- Carlson, Gustave A., Detroit, Mich. Adjustable finishing machine. 2,106,082; Jan. 18.
- Carlson, Gustave A., Detroit, Mich. Polishing and buffing machine. 2,118,548; May 24.
- Carlson, Gustav A., Chillicothe, Ill. Belt fastener. 2,137,564; Nov. 22.
- Carlson, Gustav W., Cleveland Heights, and R. C. Russell, Shaker Heights, assignors to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle brake. 2,140,379; Dec. 13.
- Carlson, Henning, Brockton, Mass. Fastening device. 2,133,425; Oct. 18.
- Carlson, John E., Forestville, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrically heated brooder. 2,109,163; Feb. 22.
- Carlson, John E., Forestville, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric relay. 2,116,097; May 3.
- Carlson, John E., Forestville, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric relay. 2,116,098; May 3.
- Carlson, John F., Lockport, N. Y. Air conditioning machine. 2,111,750; Mar. 22.
- Carlson, John O. E. (See French J. W., and Carlson.)
- Carlson, Noble G., assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Rail bond and securing same to rails. 2,109,791; Mar. 1.
- Carlson, Oscar, East Providence, assignor to Dolan & Bullock, Providence, R. I., a partnership consisting of A. S. Dolan, F. A. Bullock, and W. G. Bennett. Tie holder. 2,111,166; Mar. 15.
- Carlson, Oscar, East Providence, assignor to Dolan & Bullock, Providence, R. I. Collar holder. 2,135,169; Nov. 1.
- Carlson, Oscar F., Company, et al. (See Shepherd, Alfred W.)
- Carlson, Otto E., Vernonia, Oreg. Door stop. 2,109,127; Feb. 22.
- Carlson, Philip, Long Hill, assignor to The Metropolitan Body Company, Bridgeport, Conn. Truck cover. 2,116,666; May 10.
- Carlson, Raymond A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,115,252; Apr. 26.
- Carlson, Wendell L. (See Albright, J. E., and Carlson.)
- Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Television system. Re. 20,700; Apr. 19.
- Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Radio receiver. 2,133,808; Oct. 18.
- Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Delayed automatic volume control. 2,135,560; Nov. 8.
- Carlstedt, Josef H. E., Stockholm, Sweden. Ski form protector. 2,136,965; Nov. 15.
- Carlstein, Daniel, assignor to Economic Machinery Company, Worcester, Mass. Bottle top labeling machine. 2,129,045; Sept. 6.
- Carlström, Bengt. (See Annerén, R. E., and Carlström.)
- Carlström, Bengt, and R. Hanson, assignors to Aktiebolaget Facit, Atvidaberg, Sweden. Calculating machine and the like. 2,105,520; Jan. 18.
- Carlton, Paul, St. Louis, Mo. Piston ring. 2,125,541; Aug. 2.
- Carlton, Richard P., St. Paul, Minn., assignor, by mesne assignments, to The Stratmore Company, Cleveland, Ohio. Abrasive article. Re. 20,946; Dec. 13.
- Carman, Albert, and J. Chalot, New York, N. Y. Reproduction process. 2,119,041; May 31.
- Carmody, Thomas G., Providence, R. I. Signal umbrella. 2,104,340; Jan. 4.
- Carmody, William H., Pittsburgh, Pa. Tinted resins. 2,104,829; Jan. 11.
- Carmody, William H., Pittsburgh, Pa., assignor to The Neville Company. Hydrogenated heavy oil. 2,108,250; Feb. 15.
- Carmody, William H., Dayton, Ohio, assignor to The Neville Company, Pittsburgh, Pa. Treatment of still residue. 2,128,984; Sept. 6.
- Carmody, William H., Dayton, Ohio, assignor to The Neville Company, Pittsburgh, Pa. Treatment of heavy oil. 2,128,985; Sept. 6.
- Carmody, William H., assignor to The Neville Company, Pittsburgh, Pa. Hydrogenation of coumarone-indene resins. 2,139,722; Dec. 13.
- Carnahan, Orson A., Syracuse, N. Y. Drink mixer. 2,110,498; Mar. 8.
- Carnahan, Ralph W., near Dayton, assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Automatic operator for casement windows and the like. 2,108,328; Feb. 15.
- Carnahan, Ralph W., near Dayton, assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Automatic means for operating casement windows and the like. 2,136,812; Nov. 15.
- Carnarius, Edwin H., and W. N. McCutchan, Peoria, Ill., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Production of butyl alcohol by fermentation. 2,139,111; Dec. 6.
- Carnation Company. (See Henszey, R. O., Buehler, and Smart, assignor.)
- Carnegie Institute of Technology of Pittsburgh, Pa. (See Kasehagen, Leo, assignor.)
- Carnegie Steel Company. (See Borberg, Adolf, assignor.)
- Carnegie Steel Company. (See Wells, J. H., and Wilson, assignors.)
- Carnes, Frederick, Portland, Maine. Water-heating system. 2,126,732; Aug. 16.
- Carnes, Robert M., and R. E. Gearhart, Kansas City, Mo. Display device. 2,129,647; Sept. 13.
- Carnes, William A., Houston, Tex. Brake. 2,135,796; Nov. 8.
- Carney, Daniel E., Charleroi, assignor of one-half to J. M. Magee, and one-half to H. I. Neaman, Pittsburgh, Pa. Fuse. 2,113,169; Apr. 5.
- Carney, Daniel E., assignor of one-half to J. M. Magee, and one-half to H. I. Neaman, Pittsburgh, Pa. Refillable blade fuse. 2,113,170; Apr. 5.
- Carney, George C., assignor to H. W. Dietert, Detroit, Mich. Core box stripping machine. 2,105,877; Jan. 18.
- Carnot, Claude. (See Vautier, L. P. G., and Carnot.)
- Carns, Leroy J. and L. P., Coffeyville, Kans. Fountain comb. 2,110,323; Mar. 8.
- Carns, Loren P. (See Carns, Leroy J. and L. P.)
- Carolina Dyeing and Winding, Incorporated. (See James, E. F., and Remick, assignors.)
- Carosella, Edward. (See Busico, P., and Carosella.)
- Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogen substituted butadienes and preparing them. 2,104,789; Jan. 11.
- Carothers, Wallace H., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tertiary nonaromatic amines and producing same. 2,110,199; Mar. 8.
- Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Depolymerization of linear polyacetals. 2,110,499; Mar. 8.
- Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Linear polyamides and their production. 2,130,523; Sept. 20.
- Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diamine-dicarboxylic acid salts and preparing same. 2,130,947; Sept. 20.
- Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic fiber. 2,130,948; Sept. 20.
- Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Shaped articles from polymeric materials. 2,137,235; Nov. 22.
- Carothers, Wallace H., and H. B. Dykstra, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ketals. 2,124,686; July 26.
- Carothers, Wallace H., and G. J. Berchet, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Unsaturated amines and preparing the same. 2,136,177; Nov. 8.
- Carothers, Wallace H., and G. J. Berchet, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Aliphatic unsaturated compounds and preparing them. 2,136,178; Nov. 8.
- Carpenter, Albert G., Jr., Yonkers, N. Y. Pump. 2,118,589; May 24.
- Carpenter, Arley D., Los Angeles, Calif., assignor to Comet Trailer Corporation. Trailer. 2,104,734; Jan. 11.
- Carpenter, Arthur W., New York, assignor to United Research Corporation, Long Island City, N. Y. Optical reduction printer. 2,133,537; Oct. 18.
- Carpenter, Charles E., Chicago, Ill. Doughnut cooking machine. 2,107,325; Feb. 8.
- Carpenter, Charles E., Chicago, Ill. Dough batch cutter and the like. 2,117,399; May 17.
- Carpenter, E. W., Manufacturing Company, The. (See Kilbride, J. T., and Carpenter, assignors.)
- Carpenter, Edward W. (See Kilbride, J. T., and Carpenter.)
- Carpenter, Frank W. (See Woolsey, J. K., and Carpenter.)



- Carpenter, Frank W., Minneapolis, assignor of one-half to M. H. Graham, St. Louis Park, Minn. Automatic temperature controller for electric flatirons, etc. 2,104,970; Jan. 11.
- Carpenter, Guy C., Medford, Mass. Heat control for oil burners. 2,113,079; Apr. 5.
- Carpenter, Guy C., Medford, Mass. Oil burner heat control apparatus. 2,129,817; Sept. 13.
- Carpenter, Harold L. (See Howard, C. W., and Carpenter.)
- Carpenter, J. Ross, Cheyenne, Wyo. Cutting agatized petrified wood. 2,135,047; Nov. 1.
- Carpenter, John S., assignor to Rodney Hunt Machine Company, Orange, Mass. Wicket gate. 2,117,940; May 17.
- Carpenter, John S., Athol, assignor to Rodney Hunt Machine Company, Orange, Mass. Turbine. 2,139,932; Dec. 13.
- Carpenter, Lynnville A., Neenah, Wis., and E. J. Schreiner, Knoxville, Tenn., assignors to Oxford Paper Company. Photoelectric gloss meter. 2,127,477; Aug. 16.
- Carpenter, Marion Scott, Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y. Hydrogenated brown camphor oil and preparing the same. 2,125,832; Aug. 2.
- Carpenter, Morris T., Chicago, Ill., R. F. Ruthruff, Hammond, Ind., and J. K. Roberts, Flossmoor, assignors to Standard Oil Company, Chicago, Ill. Polymerization of gases. 2,122,878; July 5.
- Carpenter, Oliver I., and B. F. Moss, assignors to The General Electric Company Limited, Coventry, England. Telephone system. 2,104,971; Jan. 11.
- Carpenter, Robert F., Cleveland, Ohio. Vaulting pole. 2,113,826; Apr. 12.
- Carpenter, Warren W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,123,228; July 12.
- Carpenter, Warren W., Garden City, N. Y., and J. N. Reynolds, Greenwich, Conn., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective switch. 2,110,460; Mar. 8.
- Carpenter, Warren W., Garden City, N. Y., and W. H. Matthies, Hackensack, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,112,951; Apr. 5.
- Carpenter, Warren W., Garden City, and R. F. Mallina, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,123,229; July 12.
- Carpenter, Webster I., Norfolk, Va. Multifrequency tuning system for radio receivers. 2,115,619; Apr. 26.
- Carp's Handelsbureau voor Aviatiek en Scheepszaken N. V. (See Hamel, Wilhelm, assignor.)
- Carr, Charles R., Atlanta, Ga., assignor to The Murray Company, Dallas, Tex. Cotton linter. 2,112,435; Mar. 29.
- Carr, Charles R., Atlanta, Ga., assignor to The Murray Company, Dallas, Tex. Roll box front construction for cotton linters. 2,112,436; Mar. 29.
- Carr, Charles R., assignor to The Murray Company, Dallas, Tex. Feed regulator for cotton linter hoppers. 2,141,512; Dec. 27.
- Carr, Charles R., Atlanta, Ga., assignor to The Murray Company, Dallas, Tex. Belt hanger. 2,141,513; Dec. 27.
- Carr, Donald E., Long Beach, and M. L. Wade, Naples, assignors to Union Oil Company of California, Los Angeles, Calif. Oxidized wax and producing same. 2,119,940; June 7.
- Carr, John O., Park Ridge, and A. H. Reiber, Evanston, assignors to Teletype Corporation, Chicago, Ill. Telegraph system. 2,116,506; May 10.
- Carr-Lowrey Glass Co. (See Hilgenberg, Carl G., assignor.)
- Carr-Lowrey Glass Co. (See Patterson, Robert A., assignor.)
- Carr, Raymond L., Boston, Mass. Vehicle body. 2,106,403; Jan. 25.
- Carr, Raymond L., Boston, Mass. Vehicle body. 2,112,330; Mar. 29.
- Carr, Raymond L., Boston, Mass. Vehicle. 2,114,830; Apr. 19.
- Carr, Raymond L., Boston, Mass. Window arrangement. 2,138,838; Dec. 6.
- Carr, Raymond L., Boston, Mass. Vehicle body. 2,139,258; Dec. 6.
- Carr, Richard H., assignor to The Pure Oil Company, Chicago, Ill. Fluid pressure pump. 2,137,108; Nov. 15.
- Carr, Sidney L., Palo Alto, assignor of one-half to J. Larson, San Francisco, Calif. Collapsible universal book support. 2,104,072; Jan. 4.
- Carré, Jacques L. A. M. (See Carré, Philippe A. J. and J. L. A. M.)
- Carré, Philippe A. J. and J. L. A. M., Paris, France. Apparatus designed for the successive exhibition of dioramas. 2,141,514; Dec. 27.
- Carrell, Wilbur A. (See Graff, M., and Carrell.)
- Carreras, James. (See Labord, R., and Carreras.)
- Carrey, James O. (See Cornell, John C., and Carrey.)
- Carrey, John O., deceased, St. Louis, Mo.; F. J. Stretch, Jr., administrator, Separator. 2,116,595; May 10.
- Carrick, Oland W. (See Gunderson, L. O., and Carrick.)
- Carrier Corporation. (See Ashley, Carlyle M., assignor.)
- Carrier Corporation. (See Ashley, C. M., and Shawhan, assignors.)
- Carrier Corporation. (See Carrier, W. H., and Holton, assignors.)
- Carrier Corporation. (See Jones, Walter, assignor.)
- Carrier Corporation. (See Lindsay, Daniel C., assignor.)
- Carrier Corporation. (See Lyman, Samuel E., assignor.)
- Carrier Corporation. (See Mozler, Albert W., assignor.)
- Carrier Corporation. (See Offen, Bernard, assignor.)
- Carrier Corporation. (See Rorison, William B., assignor.)
- Carrier Corporation. (See Stacey, Alfred E., Jr., assignor.)
- Carrier, Willis H., Essex Fells, and J. H. Holton, Maplewood, assignors, by mesne assignments, to Carrier Corporation, Newark, N. J. Ventilating and conditioning system. 2,119,127; May 31.
- Carrillo, Jesus L., Long Beach, Calif. Closure operator. 2,109,128; Feb. 22.
- Carrington, Cabell, South Pasadena, assignor to E. P. Carrington, Pasadena, Calif. Internal combustion engine. 2,123,452; July 12.
- Carrington, Ellen P. (See Carrington, Cabell, assignor.)
- Carrington, Frank G., Anniston, Ala. Centrifugal casting machine. 2,123,037; July 5.
- Carrington, Frank G., Anniston, Ala. Metallurgical process. 2,124,445; July 19.
- Carrington, Homer F. (See Pranger, A., and Carrington.)
- Carriveau, Lawrence J., Milwaukee, Wis. Activated display device. 2,123,932; July 19.
- Carroll, Burt H. (See Fallesen, G. E., and Carroll.)
- Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,132,866; Oct. 11.
- Carroll, Eugene G., Los Angeles, Calif., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Hydraulic brake apparatus. 2,111,310; Mar. 15.
- Carroll, Eugene G., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,124,762; July 26.
- Carroll, Eugene G., and C. H. Taylor, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,104,735; Jan. 11.
- Carroll, Eugene G., and C. H. Taylor, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,124,761; July 26.
- Carroll, Eugene G., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,137,525; Nov. 22.
- Carroll, Eugene G., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,140,733; Dec. 20.
- Carroll, Fred H., Jacksonville, Fla., assignor of one-half to G. P. Koelliker, Cleveland, Ohio. Exhaust nozzle for locomotives. 2,110,904; Mar. 15.
- Carroll, Fred M., and J. H. Bakelaar, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Typewriter punch. 2,131,914; Oct. 4.
- Carroll, George R. (See Hogg, G., Free, and Carroll.)
- Carroll, Henry E., St. Louis, Mo. Diesel engine. 2,141,428; Dec. 27.
- Carroll, Hubert O., Painesville, Ohio. Building construction. 2,113,677; Apr. 12.
- Carroll, Joseph, Brooklyn, assignor of one-half to B. Kobre, New York, N. Y. Washing machine. 2,121,786; June 28.
- Carroll, Lee O., South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Roll shaft support. 2,141,810; Dec. 27.
- Carroll, Lee O. (See Sollenberger, R. C., and Carroll.)
- Carroll, Manly E., assignor to The Universal Generators Corporation, Inc., Miami, Fla. Internal combustion engine. 2,124,365; July 19.
- Carroll, Stewart J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film manufacture. 2,119,702; June 7.
- Carroll, William M., assignor, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Recording device for liquid dispensing apparatus. Re. 20,815; Aug. 2.
- Carroll, William M., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dispensing apparatus. 2,109,084; Feb. 22.
- Carroll, William M., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Liquid dispensing apparatus. 2,113,676; Apr. 12.
- Carroué, René. (See Bécheureau, L., and Carroué.)
- Carruth, Henry P., Chillicothe, assignor, by mesne assignments, to K. C. M. Company, Dayton, Ohio. Paper manufacture. 2,111,089; Mar. 15.
- Carruthers, George, assignor to Interlake Tissue Mills Co. Limited, Toronto, Ontario, Canada. Roll paper dispensing cabinet. 2,114,628; Apr. 19.
- Carruthers, Thomas. (See Blair, C. M., and Carruthers.)
- Carruthers, Thomas F. (See Cox, H. L., and Carruthers.)
- Carruthers, Thomas F. (See Cox, H. L., and Carruthers.)
- Carson, Amos H., and R. O. Anderson, Oklahoma City, Okla. Brake operating mechanism. 2,116,013; May 3.
- Carson, Benjamin R., Haddonfield, and A. G. Zimmerman, Westmont, N. J., assignors to Radio Corporation of America. Sound reproducing apparatus. 2,100,718; Feb. 1.
- Carson, Edward R., Fort Myers, Fla. Ironing machine. 2,110,222; May 31.



- Carson, Edward B., Fort Myers, Fla. Clutch. 2,136,541; Nov. 15.
- Carson, Francis L., San Francisco, Calif., assignor to American Concrete and Steel Pipe Company. Applying noncorrosive surfaces to pipe and the like. 2,120,309; June 14.
- Carson, Hiram J., Omaha, Nebr. Carbureted water gas apparatus. 2,131,310; Sept. 27.
- Carson, John H., Marion, Ind. Paper cake plate. 2,109,955; Mar. 1.
- Carson, Oswald B., Scarsdale, assignor to American Hard Rubber Company, New York, N. Y. Comb. 2,124,687; July 26.
- Carson, Pirie, Scott & Company. (See Zembe, Margaret, assignor.)
- Carson, Robert W., Little Falls, N. J. Electrical measuring instrument. 2,139,997; Dec. 13.
- Carson, Stanley R., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Gun cartridge. 2,111,167; Mar. 15.
- Carson, William E., Riverton, Va. Making rock wool preparations. 2,127,287; Aug. 16.
- Carswell, Firman L., and O. W. Schmidt, Kansas City, Mo. Culvert. 2,126,870; Aug. 16.
- Carswell, Frank L., Kansas City, Mo. Road making machine. 2,134,245; Oct. 25.
- Carswell, Frank L., Kansas City, Mo. Road surface treating machine. 2,138,904; Dec. 6.
- Carswell, Thomas S., Kirkwood, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Cleaning fruits and vegetables. 2,108,763; Feb. 15.
- Cart, Theodore S., Princeton, assignor to Atlantic Products Corporation, Trenton, N. J. Golf bag. 2,123,550; July 12.
- Carter, A. B., Incorporated. (See Bassett, William W., assignor.)
- Carter, A. B., Incorporated. (See Ramsey, Edgar L., assignor.)
- Carter, Albert S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification process. 2,110,971; Mar. 15.
- Carter, Alva J., assignor to Rayolite Rifle Range Company, Chicago, Ill. Light gun. 2,119,005; May 31.
- Carter, Alva J., assignor to Rayolite Rifle Range Company, Chicago, Ill. Electric target rifle range. 2,131,791; Oct. 4.
- Carter, Anderson. (See Carter, Areyon and A.)
- Carter, Areyon C. and A., Clinton, N. C. Violin. 2,124,243; July 19.
- Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Apparatus for treating gases. 2,116,748; May 10.
- Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Production of hydrogen sulphide. 2,123,000; July 5.
- Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Apparatus for treating material. 2,130,731; Sept. 20.
- Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of carbon bisulphide. 2,141,740; Dec. 27.
- Carter, Burton D., Aberdeen, S. Dak. Tire casing and rim. 2,108,329; Feb. 15.
- Carter Carburetor Corporation. (See Bicknell, George M., assignor.)
- Carter Carburetor Corporation. (See Boyce, Leonard D., assignor.)
- Carter Carburetor Corporation. (See Coffey, Irven E., assignor.)
- Carter Carburetor Corporation. (See Holden, William C., assignor.)
- Carter Carburetor Corporation. (See Kersgieter, Charles P., assignor.)
- Carter Carburetor Corporation. (See Kommer, Fred A., assignor.)
- Carter Carburetor Corporation. (See Nieman, Ernst H., assignor.)
- Carter Carburetor Corporation. (See Whisler, Ralph H., assignor.)
- Carter Carburetor Corporation. (See Mollberg, Byron, assignor.)
- Carter Carburetor Corporation. (See Schweiss, Joseph, assignor.)
- Carter, Charles D., Fremont, Ohio. Rack. 2,136,179; Nov. 8.
- Carter, Clarence F., Danville, Ill. Machine for cutting bars of soap and other plastic material. 2,136,001; Nov. 8.
- Carter, Dick, A. G. Cuthbert-Smith, H. Jackson, L. P. Rendell, and H. A. Thomas, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyeing apparatus. 2,118,807; May 31.
- Carter, Donald M. (See Patitz, George J., assignor.)
- Carter, Edward B. (See Carter, M., assignor, and Heinz.)
- Carter, Elliott C., Westport, Conn. Curtain. 2,116,339; May 3.
- Carter, Ernest, Melrose Highlands, Mass. Window fastener. 2,127,992; Aug. 23.
- Carter, Frank J. (See Bonorden, A. R., Carter, and Hanley.)
- Carter, George R., Company, The. (See Creamer, Edgar R., assignor.)
- Carter, Harold H., London, England, assignor, by mesne assignments, to American-La France-Foamite Corporation, New York, N. Y. Apparatus for detecting fires in holds, etc. 2,118,836; May 31.
- Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Ore. Bituminous ash remover for underfeed stokers. 2,122,807; July 5.
- Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Ore. Apparatus for burning pulverized fuel. 2,128,177; Aug. 23.
- Carter, Henry B., Albany, Ore. Mail box. 2,114,211; Apr. 12.
- Carter, Kenneth L., Kansas City, Mo. Antitheft device. 2,136,673; Nov. 15.
- Carter, Leslie F. (See Anscott, W., and Carter.)
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Air-borne gyrocompass. 2,129,818; Sept. 13.
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Illuminating for indicator dials. 2,131,471; Sept. 27.
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Ball gyrocompass. 2,142,018; Dec. 27.
- Carter, Leslie F., Leonia, N. J., and W. Anscott, Woodhaven, assignors to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Gyrovertical. 2,133,809; Oct. 18.
- Carter, Lionel A., Webster Groves, Mo. Lathe. 2,118,489; May 24.
- Carter, Lionel A., Webster Groves, Mo. Hair drier. 2,133,078; Oct. 11.
- Carter, Lionel A., Webster Groves, Mo. Lubricating device. 2,140,983; Dec. 20.
- Carter, Mitchell, and G. Heinz, Trenton, N. J.; said Carter assignor to E. B. Carter, Morrisville, Pa. Ceramic. 2,121,018; June 21.
- Carter, Philip M., White Plains, N. Y. Automotive vehicle control mechanism. 2,139,723; Dec. 13.
- Carter, Philip M., White Plains, N. Y., and D. F. Linsley, Norwalk, Conn., assignors to Vaco Products, Inc., Jersey City, N. J. Gear shifting mechanism. 2,129,083; Sept. 6.
- Carter, Philip S. (See Beverage, H. H., Carter, and Wickizer.)
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency system. 2,109,465; Mar. 1.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Directional antenna. 2,112,269; Mar. 29.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmission line system. 2,115,764; May 3.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,126,531; Aug. 9.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmission line system. 2,128,400; Aug. 30.
- Carter, Ray M., Glenbrook, Conn., assignor, by mesne assignments, to U. S. Industrial Alcohol Company, New York, N. Y. Production of olefine oxides. 2,125,333; Aug. 2.
- Carter, Richard S., Hutchinson, Kans. Front wheel drive for automobiles. 2,128,119; Aug. 23.
- Carter, Robert J. S., Minneapolis, Minn. Multiple stream feeder. 2,122,679; July 5.
- Carter, Samuel W., Washington, D. C. Antenna unit. 2,119,380; May 31.
- Carter, Willard K. (See McKinley, J. M., and Carter.)
- Carter, William D., Caldwell, N. J. Combustion apparatus. 2,122,929; July 5.
- Carthage Mills Incorporated. (See Greiser, Melvin R., assignor.)
- Cartier, Inc. (See Bezault, Georges, assignor.)
- Cartledge, John J., Guelph, Ontario, Canada. Suspensory. 2,137,130; Nov. 15.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,107,469; Feb. 8.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,110,568; Mar. 8.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,114,438; Apr. 19.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,120,274; June 14.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,123,328; July 12.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Cable reel. 2,126,172; Aug. 9.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,135,882; Nov. 8.
- Cartter, W. G., et al. Brandenburg, Harry J., assignor.)
- Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Incandescent lamp and similar device. 2,105,404; Jan. 11.
- Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp or similar device. 2,114,175; Apr. 12.



- Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp or similar device. 2,116,384; May 3.
- Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Flash lamp. 2,136,234; Nov. 8.
- Carus, Alwin C., La Salle, Ill., assignor to Carus Chemical Company, Inc. Manufacture of quinone. 2,136,966; Nov. 15.
- Carus Chemical Company. (See Carus, Alwin C., assignor.)
- Carus Chemical Company. (See Doran, Albert B., assignor.)
- Carus Chemical Company. (See Kleimnhausen, Karl, assignor.)
- Cartwright, Eugene M., North Woodbury, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Forming reducing T's. 2,113,250; Apr. 5.
- Cartwright, John M., Malaga, Calif. Girdling tool. 2,138,726; Nov. 29.
- Carty, Roy F., Washington, D. C. Commutator. 2,127,549; Aug. 23.
- Caruthers, Robert S., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system. 2,116,559; May 10.
- Carvalho, Leslie R. N., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Closure. 2,138,371; Nov. 29.
- Carver, Claude D., assignor to Morse & Driscoll, Inc., New York, N. Y. Window shade. 2,110,983; Mar. 15.
- Carver Cotton Gin Company. (See McLean, Robert W., assignor.)
- Cary, Beecher B., assignor to Hayes Industries, Inc., Jackson, Mich. Fan assembly. 2,139,630; Dec. 6.
- Cary, John E. and V. Opelousas, La. Washing and drying machine. 2,124,460; July 19.
- Casablanca, Fernando, Sabadell, Spain. Closure for sealing bottles and like receptacles. 2,132,775; Oct. 11.
- Casablanca, Fernando, Sabadell, Spain. False twist mechanism for drawing textile rovings. 2,137,565; Nov. 22.
- Casale, Aurelio, Genoa, Italy. Armature coil for dynamo-electric machines. 2,138,292; Nov. 29.
- Casasco, A. & M., & Cia. (See Casasco, Mario, assignor.)
- Casasco, Mario, Buenos Aires, Argentina, assignor to A. & M. Casasco & Cia. Apparatus for supporting paper reels. 2,138,338; Nov. 29.
- Casclani, Ferri, assignor to Niagara Alkali Company, Niagara Falls, N. Y. Bleaching pulp. 2,127,765; Aug. 23.
- Casco Products Corporation. (See Bahr, Gustave F., assignor.)
- Casco Products Corporation. (See Cochrane, Bert G., assignor.)
- Casco Products Corporation. (See Cohen, Joseph H., assignor.)
- Casco Products Corporation. (See Johnson, Arthur A., assignor.)
- Case, Arthur B., Snomac, Okla., assignor to The Texas Company, New York, N. Y. Shut-down device for well pumping engines. 2,121,316; June 21.
- Case, Bernard C. (See Viers, E. D., and Case.)
- Case, Carl R., Milwaukee, Wis. Garment hanger. 2,109,584; Mar. 1.
- Case Electric Corporation. (See Brohman, Howard E., assignor.)
- Case, Francis M., deceased, by L. H. Case, administratrix, Cleveland Heights, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Automatic fishing reel. 2,124,524; July 26.
- Case, Francis M., deceased, by L. H. Case, administratrix, Cleveland Heights, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,130,581; Sept. 20.
- Case, J. L., Company. (See Heitshu, Daniel C., assignor.)
- Case, Lucy H., administratrix. (See Case, Francis M.)
- Case, Lynn B. (See Warner, S. W., and Case.)
- Case, Nelson P., Bayside, N. Y., assignor to Hazeltine Corporation. Multiband receiver. 2,137,266; Nov. 22.
- Case, Newell B. (See Iversen, R. M., and Case.)
- Case, Robert W., Unionville, Conn. Testing apparatus for aircraft. 2,115,841; May 3.
- Casey, Arthur F., South Norwalk, assignor to The Tower Optical Company, Inc., Norwalk, Conn. Coin controlled binoculars. 2,131,163; Sept. 27.
- Casey, Charles, Jr., St. Arnaud, Australia. Permutation lock. 2,125,667; Aug. 2.
- Casey, Edward F., assignor to Converse Rubber Company, Malden, Mass. Overshoe. 2,108,650; Feb. 15.
- Casey, Howard T., Baltimore, Md., assignor, by mesne assignments, to The Symington-Gould Corporation, Rochester, N. Y. Three piece lateral motion truck. 2,116,496; May 10.
- Cash, A. W., Company. (See Temple, Paul C., assignor.)
- Cash, William R. (See Boam, Lacey H., assignor.)
- Casner, Earl R., assignor, by mesne assignments, to Security Engineering Co. Inc., Whittier, Calif. Pump valve. 2,116,968; May 10.
- Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,108,881; Feb. 22.
- Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,112,952; Apr. 6.
- Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,117,837; May 17.
- Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,122,406; July 5.
- Caspers Tin Plate Company. (See Albright, Edward A., assignor.)
- Cass, Oliver W. (See Levine, A. A., and Cass.)
- Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dehydrochlorination of 1, 1, 1, 2 tetrachloropropane. 2,111,043; Mar. 15.
- Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dehydrochlorination of 1,1,2-trichloropropane. 2,134,102; Oct. 25.
- Cassagne, Georges R., Cazaux, France. Device for transmitting motion. 2,108,366; Feb. 15.
- Casse, Joseph E., assignor to Crawford Door Company, Detroit, Mich. Overhead door construction. 2,141,515; Dec. 27.
- Casse, Joseph E. (See Graham, M. P., Hufford, and Casse.)
- Casse, Joseph E. (See Siess, H. J., and Casse.)
- Casselman, Elbridge J., Pittsburgh, Pa., assignor to Magazines Repeating Razor Company. Razor blade and steel therefor. 2,105,583; Jan. 18.
- Cassell, Leonard E., and D. B. Massie, Clay Center, Nebr. Yardage measuring device for football games. 2,139,300; Dec. 6.
- Cassey, Thomas E., Chevy Chase, Md. Electrical outlet box and clamp. 2,124,541; July 26.
- Cassidy, Arthur R., et al. (See Elder, Frank T.)
- Cassidy, Perry R., Short Hills, N. J., I. Harter, New York, N. Y., and H. J. Kerr, Westfield, assignors to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,120,125; June 7.
- Cassidy, Thomas A., assignor to Wilmot and Cassidy, Inc., Brooklyn, N. Y. Producing coeroxenol esters. 2,127,107; Aug. 16.
- Cassimatis, Irineos, Gary, Ind., assignor of one-half to H. E. Strategos, Chicago, Ill. Creating designs for candles. 2,122,451; July 5.
- Cassion, John, Brooklyn, N. Y. Door attachment. 2,122,312; June 28.
- Cassity, Isaac N., Topeka, Kans. Optical instrument. 2,135,743; Nov. 8.
- Casson, Nicholas V., New York, N. Y. Cutting implement. 2,141,854; Dec. 27.
- Cast, William B., Parkville, Mo. Sunshade. 2,113,827; Apr. 12.
- Castady, Harry, Chicago, Ill. Adjustable scaffold. 2,140,617; Dec. 20.
- Castator, Jesse C., et al. (See Eastin, Rollie R., assignor.)
- Castator, Loretta, et al. (See Eastin, Rollie R., assignor.)
- Castello, Thomas, Clifton, N. J. Curtain and drapery fixture. 2,117,941; May 17.
- Castle, Alfred J., assignor to Inland Steel Company, Chicago, Ill. Rolling ferrous sheets. 2,105,968; Jan. 18.
- Castle, Alfred J., assignor to Inland Steel Company, Chicago, Ill. Method of and apparatus for producing ferrous sheet metal. 2,105,969; Jan. 18.
- Castle, Donald H., Brooklyn, N. Y. Focusing device for photographic enlargers. 2,110,324; Mar. 8.
- Castle, Thomas R., London, England, assignor, by mesne assignments, to Mergenthaler Linotype Company, Brooklyn, N. Y. Distributing mechanism of typographical composing machines. 2,117,541; May 17.
- Castle, William L., and W. O. Hedberg, assignors to Boeing Aircraft Company, Seattle, Wash. Sheet metal bending machine. 2,139,354; Dec. 6.
- Castle, William L., and W. O. Hedberg, assignors to Boeing Aircraft Company, Seattle, Wash. Offset die. 2,141,736; Dec. 27.
- Castles, Eugene F., Glen Ridge, N. J., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Pile fabric and its method of manufacture. 2,110,866; Mar. 15.
- Castles, Eugene F., Glen Ridge, N. J., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Pile fabric. 2,110,867; Mar. 15.
- Castner, James B., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of nitrous oxide. 2,111,276; Mar. 15.
- Castner, James B., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting ammonium nitrate to form nitrous oxide. 2,111,277; Mar. 15.
- Castner, James B., and R. F. Peterson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentrating acid solutions. 2,121,729; July 20.
- Castner, James B., Woodbury, N. J., and M. C. Knake, Washburn, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of trinitro toluene. 2,132,845; Oct. 11.
- Castner, William H., Spokane, Wash. Combination can punch and cap lifter. 2,118,150; May 24.
- Casto, Lloyd V., Detroit, Mich. System of deriving decorative finishes on articles of manufacture. 2,104,700; Jan. 11.



- Casto, Lloyd V., Detroit, Mich. Decorative treatment for laminated structures and product thereof. 2,115,409; Apr. 26.
- Casto, William H. (See Hull, M. R., Morrow, and Casto.)
- Castricone, John A., Peoria, Ill. Ironing machine. 2,115,941; May 3.
- Castricone, John A., Peoria, Ill. Gear case drive shaft mounting. 2,122,085; June 28.
- Castro, Cesar A., New York, N. Y. Photoelectric plate for television tube. 2,141,375; Dec. 27.
- Castro, Cesar A., New York, N. Y. Picture transmitter. 2,133,844; Oct. 18.
- Caswell, John A., Somerville, and C. A. Robinson, Salem, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 2,106,719; Feb. 1.
- Caswell, Walter A., Winnipeg, Manitoba, Canada. Egg candling apparatus. 2,117,146; May 10.
- Catalano, Joseph A., New Orleans, La. Vehicle rocking device. 2,141,639; Dec. 27.
- Catchpole, William M., Bury St. Edmunds, England. Machine for topping sugar beets in the ground. 2,139,802; Dec. 13.
- Cate, Paul E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Method and apparatus for charging thermostatic devices. 2,126,532; Aug. 9.
- Caterpillar Tractor Co. (See Gustafson, Carl A., assignor.)
- Caterpillar Tractor Co. (See Mayo, R. E., and Jackson, assignors.)
- Caterpillar Tractor Co. (See Rosen, Carl G. A., assignor.)
- Caterpillar Tractor Co. (See Starr, Oscar L., assignor.)
- Caterpillar Tractor Co. (See Weeks, Paul, assignor.)
- Catherwood, Herbert C., Hagersville, Ontario, Canada. Tally keeper. 2,108,103; Feb. 15.
- Catini, Vincenzo, assignor to Kamket Corporation, New York, N. Y. Machine for uniting loose leaves and binder elements. 2,129,604; Sept. 6.
- Catland, Alfred C. (See Howard, J. H., and Catland.)
- Catland, Alfred C., Alhambra, Calif. Well bit construction. 2,107,627; Feb. 8.
- Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well bit. 2,107,626; Feb. 8.
- Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well tool construction. 2,111,751; Mar. 22.
- Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Roller rock bit. 2,111,752; Mar. 22.
- Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well bit cutter mounting. 2,111,753; Mar. 22.
- Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rock bit. 2,122,808; July 5.
- Catland, Alfred C., Alhambra, and P. C. Efromson, Whittier, assignors to Globe Oil Tools Company, Los Nietos, Calif. Core drill construction. 2,123,453; July 12.
- Catland, Alfred C., Alhambra, and P. C. Efromson, Whittier, assignors to Globe Oil Tools Company, Los Nietos, Calif. Roller cutter mounting. 2,128,401; Aug. 30.
- Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Core catcher. 2,132,014; Oct. 4.
- Catlin, John B., Appleton, Wis., assignor to Paper Patents Company, Neenah, Wis. Composite sheet article. 2,111,205; Mar. 15.
- Catlin, Willard E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making shaped articles from synthetic polymers. 2,141,169; Dec. 27.
- Catranis, John G., assignor to The Lamson Company, Syracuse, N. Y. Blower. 2,139,112; Dec. 6.
- Catto, James, et al. (See Aitken, Earle M., assignor.)
- Catron, Harold, H. H. Clayton, and R. L. Dashner, assignors to R-B-M Manufacturing Company, Logansport, Ind. Lighting means for vehicles. 2,125,990; Aug. 9.
- Catron, Harold, R. L. Dashner, and M. W. Morris, assignors to R-B-M Manufacturing Co., Logansport, Ind. Terminal assembly. 2,131,581; Sept. 27.
- Catron, Joseph W., Jr., Fortescue, Mo. Eyeshade. 2,107,102; Feb. 1.
- Catron, Joseph W., Jr., Fortescue, Mo. Eyeshade. 2,107,103; Feb. 1.
- Catron, Joseph W., Bigelow, Mo. Internal combustion engine. 2,122,002; June 28.
- Catron, Russell M., San Diego, Calif. Rifle. 2,129,648; Sept. 13.
- Catt, Harold W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making elastic rubber transmission bands. 2,126,733; Aug. 16.
- Catt, Samuel G., London, England. Inhaler. 2,123,353; July 12.
- Cattanach, John. (See Odenbach, J. H., and Cattanach.)
- Catterall, John G. (See Fyfe, G. T., and Catterall.)
- Catterlin, Everett S., New York, N. Y. Portable refrigerating device, particularly for air conditioning. 2,125,542; Aug. 2.
- Catini, Vincenzo, assignor to Kamket Corporation, New York, N. Y. Machine for making book binder elements. 2,129,605; Sept. 6.
- Caudry, Bailey C., Coffeyville, Kans. Lawn mower. 2,113,191; Apr. 5.
- Caugherty, John J., Donora, Pa. Rod cleaning machine. 2,117,651; May 17.
- Caughy, John M., assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Spring cushion. 2,124,730; July 26.
- Caughy, Reed J., Schenectady, N. Y., assignor to General Electric Company. Power plant. 2,124,395; July 19.
- Caughy, Reed J., Schenectady, N. Y., assignor to General Electric Company. Hydraulic governing mechanism. 2,126,533; Aug. 9.
- Caughy, Reed J., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for elastic fluid turbines. 2,141,260; Dec. 27.
- Caute, Louis, Ezanville, assignor to Société dite: Société de Construction du Tracteur Vigneron Georges Vidal, Société Anonyme, Montpelier, France. Endless chain. 2,113,504; Apr. 5.
- Cavalcante, Jonathan S., Brooklyn, N. Y., assignor to Trans-Lux Corporation. Apparatus for pulling tape. 2,134,998; Nov. 1.
- Cavalero, John V., Bloomfield, N. J. Book. 2,138,443; Nov. 29.
- Cavanagh, James, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making the same. 2,135,170; Nov. 1.
- Cavanagh, John, East Norwalk, assignor to Hat Corporation of America, Norwalk, Conn. Sweat band. 2,131,697; Sept. 27.
- Cavanagh, John, assignor to Hat Corporation of America, Norwalk, Conn. Hat. 2,134,274; Oct. 25.
- Cavanagh, John F., Providence, R. I., assignor to Boston Wire Stitcher Company, Portland, Me. Fastener-applying device. 2,107,522; Feb. 8.
- Cavanagh, John F., Providence, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Wire-stitching or stapling machine. 2,108,882; Feb. 22.
- Cavanagh, John F., Providence, assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying implement. 2,137,642; Nov. 22.
- Cavanaugh, Earl C., et al. (See Matula, Nicholas, assignor.)
- Cave, Edward U., Lancaster, Ohio, assignor to The Jeffrey Manufacturing Company. Apparatus for weighing cylindrical bodies. 2,115,620; Apr. 26.
- Cave, Henry, Hartford, Conn. Safety valve. 2,119,851; June 7.
- Cavero, Michel, Oloron, assignor to Societe en nom Collectif: Lebocey Freres, dite Etablissements Lebocey, Troyes, (Aube), France. Knitting machine with rectilinear needle beds. 2,112,478; Mar. 29.
- Cavicchi, Albert A., Arlington, assignor to E. Cavicchi, Boston, Mass. Mattress tufting button. 2,112,479; Mar. 29.
- Cavicchi, Ernest. (See Cavicchi, Albert A., assignor.)
- Cavicchi, Ernest, Arlington, Mass. Mattress ventilator. 2,139,803; Dec. 13.
- Cavins, Paul, et al. (See Flury, William J., assignor.)
- Cavins, Paul, Long Beach, Calif. Bailer. 2,118,458; May 24.
- Cawein, Madison. (See Lewis, H. M., and Cawein.)
- Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Periodic voltage generator. 2,105,902; Jan. 18.
- Cawley, Aloysius J., Pittston, Pa. Television apparatus. 2,116,425; May 3.
- Cawley, Aloysius J., Pittston, Pa. Television process and apparatus. 2,118,160; May 24.
- Cawley, Aloysius J., Pittston, Pa. Television system. 2,122,337; June 28.
- Cawley, Aloysius J., Pittston, Pa. Automatic television synchronizing apparatus. 2,125,991; Aug. 9.
- Cawley, Aloysius J., Pittston, Pa. Sound record process. 2,137,267; Nov. 22.
- Cawley, Aloysius J., Pittston, Pa. Scanning process. 2,138,089; Nov. 29.
- Cayabyab, Ricardo D., Delano, Calif. Internal combustion engine. 2,126,616; Aug. 9.
- Cazes, Paul G., assignor to Pathé Cinéma Anciens Etablissements Pathé Freres, Paris, France. Controlling device for rotatable shafts. 2,114,278; Apr. 19.
- Ceccon, John B., San Francisco, Calif., assignor to San Francisco Sulphur Company. Sulphur purification. 2,113,230; Apr. 5.
- Cecil, Lloyd F., Shanghai, China. Guardrail for athletic fields. 2,116,426; May 3.
- Cedar Rapids Engineering Company. (See Dunn, Allen I., assignor.)
- Cederlund, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing mechanism for looms. 2,128,915; Sept. 6.
- Cela Holding S. A. (See Riatel, Manlio M., assignor.)
- Cela Holding, S. A. (See Schwartz, Fernand F., assignor.)
- Celanese Corporation of America. (See Armett, G. A., Black, and Fulton, assignors.)
- Celanese Corporation of America. (See Bell, Angus S., assignor.)
- Celanese Corporation of America. (See Bennett, J. W., Hale, and Pool, assignors.)
- Celanese Corporation of America. (See Bludworth, Joseph E., assignor.)
- Celanese Corporation of America. (See Bodell, Henry R., assignor.)
- Celanese Corporation of America. (See Dickie, William A., assignor.)



- Celanese Corporation of America. (See Dickie, W. A., and Hale, assignors.)  
 Celanese Corporation of America. (See Dickie, W. A., Hale, and Howarth, assignors.)  
 Celanese Corporation of America. (See Dickie, W. A., and Moncrieff, assignors.)  
 Celanese Corporation of America. (See Dickie, W. A., and Sowter, assignors.)  
 Celanese Corporation of America. (See Dreyfus, C., and Ellis, assignors.)  
 Celanese Corporation of America. (See Dreyfus, C., Platt, and Lyem, assignors.)  
 Celanese Corporation of America. (See Dreyfus, C., and Schneider, assignors.)  
 Celanese Corporation of America. (See Dreyfus, C. and Whitehead, assignors.)  
 Celanese Corporation of America. (See Dreyfus, H., and Moncrieff, assignors.)  
 Celanese Corporation of America. (See Dreyfus, H., and Taylor.)  
 Celanese Corporation of America. (See Eichengrün, Arthur, assignor.)  
 Celanese Corporation of America. (See Ellis, George H., assignor.)  
 Celanese Corporation of America. (See Ellis, G. H., and Kirk, assignors.)  
 Celanese Corporation of America. (See Ellis, G. H., and Wesson, assignors.)  
 Celanese Corporation of America. (See Elvin, W. J., and Killoran, assignors.)  
 Celanese Corporation of America. (See Finlayson, D., and Bezant, assignors.)  
 Celanese Corporation of America. (See Finlayson, D., and Latham, assignors.)  
 Celanese Corporation of America. (See Finlayson, D., and Perry, assignors.)  
 Celanese Corporation of America. (See Hale, F. C., and Jabouley, assignors.)  
 Celanese Corporation of America. (See Hale, F. C., and Yeadon, assignors.)  
 Celanese Corporation of America. (See Hale, F. C., and Yorke, assignors.)  
 Celanese Corporation of America. (See Hale, Frank C., assignor.)  
 Celanese Corporation of America. (See Hilliard, Thomas H.)  
 Celanese Corporation of America. (See Howorth, Harmon, assignor.)  
 Celanese Corporation of America. (See Hutson, Canfield, assignor.)  
 Celanese Corporation of America. (See Jones, Daniel H., assignor.)  
 Celanese Corporation of America. (See Jones, J. E., and Cox, assignors.)  
 Celanese Corporation of America. (See Jones, J. E., and Johnston, assignors.)  
 Celanese Corporation of America. (See Kimpton, W. H., and Fulton, assignors.)  
 Celanese Corporation of America. (See Kinsella, E., Bower, Briggs, and Roberts, assignors.)  
 Celanese Corporation of America. (See Kinsella, Edward A., assignor.)  
 Celanese Corporation of America. (See Lord, G., and Reeves, assignors.)  
 Celanese Corporation of America. (See Martin, H. E., and Ensor, assignors.)  
 Celanese Corporation of America. (See Martin, Herbert E., assignor.)  
 Celanese Corporation of America. (See McGill, A., and Taylor, assignors.)  
 Celanese Corporation of America. (See Miller, Brian E. M., assignor.)  
 Celanese Corporation of America. (See Moncrieff, R. W., and Hill, assignors.)  
 Celanese Corporation of America. (See Moncrieff, R. W., Hill, and Frearson, assignors.)  
 Celanese Corporation of America. (See Moncrieff, R. W., and North, assignors.)  
 Celanese Corporation of America. (See Moss, William H., assignor.)  
 Celanese Corporation of America. (See O'Dowd, Leslie J., assignor.)  
 Celanese Corporation of America. (See Olpin, H. C., and Ellis, assignors.)  
 Celanese Corporation of America. (See Platt, Herbert, assignor.)  
 Celanese Corporation of America. (See Platt, H., and Bergeron, assignors.)  
 Celanese Corporation of America. (See Rivat, Georges, assignor.)  
 Celanese Corporation of America. (See Roadley, Percy R., assignor.)  
 Celanese Corporation of America. (See Schneider, George, assignor.)  
 Celanese Corporation of America. (See Seymour, G. W., and Salvin, assignors.)  
 Celanese Corporation of America. (See Snowden, A. B., and Bodell, assignors.)  
 Celanese Corporation of America. (See Steinberger, Alfred J., assignor.)  
 Celanese Corporation of America. (See Taylor, Harry and W., assignors.)  
 Celanese Corporation of America. (See Taylor, M. M., and Fulton, assignors.)  
 Celanese Corporation of America. (See Taylor, William I., assignor.)  
 Celanese Corporation of America. (See Taylor, W. I., and Gibbins, assignors.)  
 Celanese Corporation of America. (See Thomas, E. B., and Oxley, assignors.)  
 Celanese Corporation of America. (See Tyce, George C., assignor.)  
 Celanese Corporation of America. (See Uphill, K. M., and Jackson, assignors.)  
 Celanese Corporation of America. (See Wainwright, J. A., and Allan, assignors.)  
 Celanese Corporation of America. (See Whitehead, William, assignor.)  
 Celanese Corporation of America. (See Whitehead, W., and Hutson, assignors.)  
 Celanese Corporation of America. (See Winter, Albert S., and Jackson, assignors.)  
 Celte Corporation. (See Calvert, R., Dern, and Alles, assignors.)  
 Cellovis, Inc. (See Pascoe, T. A., and Hella, assignors.)  
 Cellulfoam Corporation. (See Weathered, George C., assignor.)  
 Celluloid Corporation. (See Andersen, Bjorn, assignor.)  
 Celluloid Corporation. (See Anderson, B., and Caprio, assignors.)  
 Celluloid Corporation. (See Anderson, B., and Paist, assignors.)  
 Celluloid Corporation. (See Brown, Joseph H., assignor.)  
 Celluloid Corporation. (See Hoarle, Fred J., assignor.)  
 Celluloid Corporation. (See Salemm, William, assignor.)  
 Celluloid Corporation. (See Shuman, Royal L., assignor.)  
 Cellulose Research Corporation, The. (See Olsen, Frederick, assignor.)  
 Cellu-Type Plate Co. (See McKee, Ralph H., assignor.)  
 Celotex Company, The. (See Swenson, George E., assignor.)  
 Celotex Corporation, The. (See Neumeister, Carl L., assignor.)  
 Cement Gun Company. (See Beeby, Frank F., assignor.)  
 Cement Process Corporation. (See Blank, John A. and A. J., assignors.)  
 Cen-Tennial Cotton Gin Company. (See Roberts, Hugh, Jr., assignor.)  
 Centennial Development Company. (See Butts, William J., assignor.)  
 Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Rotary pump or motor. 2,141,170; Dec. 27.  
 Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Rotary pump or motor. 2,141,171; Dec. 27.  
 Central Carton Company, The. (See Mahone, Thomas W., assignor.)  
 Central Commercial Company. (See Gundlach, Henry R., assignor.)  
 Central Commercial Company. (See Teetor, Paul, assignor.)  
 Central Fibre Products Company. (See Weis, Alwin W. D., assignor.)  
 Central Metallic Casket Co. (See Larson, Raymond, assignor.)  
 Central Metallic Casket Co. (See Larson, Raymond, assignor.)  
 Central Mine Equipment Co. (See Cook, Walter, assignor.)  
 Central National Bank of Cleveland. (See Paden, W. L., and Saunders, assignors.)  
 Central National Bank of Cleveland. (See Wheelbarger, A. S., and Orth, assignors.)  
 Central Scientific Company. (See Hornberger, C. S., and States, assignors.)  
 Central Scientific Company. (See Hornberger, Carl S., assignor.)  
 Central Specialty Company. (See Lonskey, John H., assignor.)  
 Central Stamping Company. (See Padelford, L. E., and Wilson, assignors.)  
 Centrifix Corporation. (See Hawley, Charles G., assignor.)  
 Century Electric Company. (See Hamilton, James L., assignor.)  
 Century Fan & Ventilator Company. (See Flemming, W. L., and Relchart, assignors.)  
 Century Lighting Equipment, Inc. (See Levy, Joseph, assignor.)  
 Ceram, Giuseppe L., Brooklyn, assignor to Ceram Self-Closing Device Corporation, New York, N. Y. Door Closer. 2,114,464; Apr. 19.  
 Ceram Self-Closing Device Corporation. (See Ceram, Giuseppe L., assignor.)  
 Ceram Self-Closing Device Corporation. (See Pipia, Giuseppe, assignor.)  
 Ceramic Machinery Distributors Limited. (See Shurley, Frederick, assignor.)  
 Ceramic Process Company, The. (See Wuulf, Charles A., assignor.)  
 Cercla, Inc. (See Dessart, George B., assignor.)  
 Cercla, Inc. (See Emmer, Charles E., assignor.)  
 Cerecedo, Leopold R., New York, N. Y. Recovering anti-neuritic vitamin. 2,114,775; Apr. 19.  
 Cerf, Cedric S., Holt, Calif. Desalting mineral oil. 2,140,574; Dec. 20.



- Cerf, Gustave D., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magnetogenerator for internal combustion engines. 2,130,316; Sept. 13.
- Cerstvik, Stephen. (See Rylsky, G. V., and Cerstvik.) Certain-teed Products Corporation. (See Codwise, Philip W., assignor.)
- Certain-teed Products Corporation. (See Hoggatt, Gilbert A., assignor.)
- Certain-teed Products Corporation. (See Knapp, George, assignor.)
- Certain-Teed Products Corporation. (See MacNutt, Arthur D., assignor.)
- Certain-Teed Products Corporation. (See Rahr, Chester E., assignor.)
- Certain-Teed Products Corporation. (See Walton, Alfred B., assignor.)
- Cesar, Guy F. A., Saumur, France. Manufacture of masks. 2,127,054; Aug. 16.
- Ceskoslovenska Zbrojovka A. S. (See Holek, Václav, assignor.)
- Ceskoslovenska Zbrojovka, a. s., Brno. (See Holek, František, assignor.)
- Ceskoslovenská Zbrojovka a. s. Brno. (See Rolčík, Miroslav, assignor.)
- Chabon, Irving, Brooklyn, N. Y. Buckle magazine charging stick. 2,114,795; Apr. 19.
- Chace, Thomas B., Winnetka, assignor to Clad Metals Industries, Inc., Chicago, Ill. Rolling composite metal stock. 2,125,153; July 26.
- Chace, W. M., Valve Company. (See Alban, C. F., and Hood, assignors.)
- Chace, W. M., Company. (See Weinhardt, Robert A., assignor.)
- Chacey, Clyde L., Leavenworth, Kans. Water heater. 2,128,350; Aug. 30.
- Chadeayne, George D., Brooklyn, N. Y. Laundry drier. 2,135,493; Nov. 8.
- Chadsey, George R., East Hampton, Conn. Tool for manipulating electric lamp bulbs. 2,117,017; May 10.
- Chadwick, Cecil G., West New York, N. J., assignor to Oxweld Acetylene Company. Flux coated welding rod. 2,142,045; Dec. 27.
- Chadwick, Cecil G., West New York, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding flux. 2,121,770.
- Chadwick, Lee S., Shaker Heights, and T. B. Focke, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Liquid fuel burner. 2,131,835; Oct. 4.
- Chadwick, Stanley, et al. (See Zaebst, Oran C., assignor.)
- Chaffee, Edward F., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,109,660; Mar. 1.
- Chaffee, Edward F., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Railway car trap door and folding step construction. 2,124,872; July 26.
- Chaffee, Edward F., and J. R. Anderson, assignors to The O. M. Edwards Company Inc., Syracuse, N. Y. Sheet metal window frame structure and forming the same. 2,136,273; Nov. 8.
- Chaffee, Joseph G., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Receiving system for frequency modulated waves. 2,118,161; May 24.
- Chaffee, Joseph G., Hackensack, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Modulation system for ultra-short waves. 2,129,820; Sept. 13.
- Chaffee, Joseph G., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency regulation of oscillators in ultra short wave receivers. 2,141,376; Dec. 27.
- Chaffee, Raymond O., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shelf support. 2,130,536; Sept. 20.
- Chain Belt Company. (See Ball, Charles F., assignor.)
- Chain Belt Company. (See Devine, B. F., and Ball, assignors.)
- Chain Belt Company. (See Hilkemeier, Louis G., assignor.)
- Chain Belt Company. (See Lind, Arthur C., assignor.)
- Chain Belt Company. (See Longenecker, C. I., and Ball, assignors.)
- Chain Belt Company. (See Marshall, William B., assignor.)
- Chain Belt Company. (See Siebert, Willy, assignor.)
- Chain Belt Company. (See Sparling, William J., assignor.)
- Chain Belt Company. (See Steindorf, Robert T., assignor.)
- Chain Belt Company. (See Steindorf, R. T., and Lind, assignors.)
- Chain Belt Company. (See Swenson, Eskil W., assignor.)
- Chaincraft, Inc. (See Rasch, Henry, assignor.)
- Chain Store Products Corporation. (See Krasberg, Rudolf, assignor.)
- Chalfonte, Albin L. (See Guire, H. G., and Chalfonte.)
- Chalfonte, Charles S., administrator. (See Guire, H. G., and Chalfonte.)
- Chalker, Albert R., assignor, by mesne assignments, to The Standard Stoker Company, Inc. (1922), New York, N. Y. Stoker. 2,119,941; June 7.
- Chalker, Albert R., Wesleyville, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc. (1922), New York, N. Y. Locomotive stoker. 2,132,392; Oct. 11.
- Challacombe, Robert H. D., Long Beach, Calif. Rotary boring apparatus. 2,118,490; May 24.
- Challenge Machinery Company, The. (See Barney, Freeman, assignor.)
- Challenge Machinery Company, The. (See Gylleck, Olaf T., assignor.)
- Challenge Machinery Company, The. (See Lee, J. E., and Barney, assignors.)
- Challenor, William A. P., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Purification and granulation of pentaerythritol tetranitrate. 2,132,458; Oct. 11.
- Challenor, William A. P., Ardrossan, and G. A. Scott, West Kilbride, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of explosives. 2,140,897; Dec. 20.
- Challet, Etienne, Paris, France, assignor of one-quarter to Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Insulating member for electric heating elements. 2,121,283; June 21.
- Challet, Etienne, Paris, France, assignor of one-quarter to Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Oven door. 2,121,284; June 21.
- Challet, Etienne, Paris, France, assignor of one-fourth to Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Flexible resilient electric current socket. 2,124,461; July 19.
- Challier, Mario, Turin, Italy. Rotary cutting tool. 2,111,887; Mar. 22.
- Challis, Gail, assignor of one-half to T. T. Logan, Russell Springs, Kans. Row crop mulcher. 2,105,805; Jan. 18.
- Chalmers, John W., assignor to Molins Machine Company, Limited, Deptford, London, England. Wrapper for cigarette packages and the like. 2,112,013; Mar. 22.
- Chalmers, John W., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Wrapping machine. 2,138,728; Nov. 29.
- Chamberlain, Alfred J., Wauwatosa, Wis. Dispensing container. 2,129,819; Sept. 13.
- Chamberlain, Alfred J., Wauwatosa, Wis., assignor to General Metalware Company, Minneapolis, Minn. Dispensing container. 2,105,718; Jan. 18.
- Chamberlain Co. (See Kennedy, John J., assignor.)
- Chamberlain Corporation. (See Etten, N. L., assignor, and Christensen.)
- Chamberlain Corporation. (See Etten, Nicholas L., assignor.)
- Chamberlain, James M. W., Silver Lake, assignor to United States Stoneware Company, Akron, Ohio. Sealing, supporting, and cushioning assembly. 2,116,099; May 3.
- Chamberlain, Leonard C. (See Grebe, J. J., and Chamberlain, Leonard C., and J. L. Williams, assignors to The Dow Chemical Company, Midland, Mich. Process for the preparation of ethyl chloride. 2,125,284; Aug. 2.
- Chamberlain, Leonard C., Jr., J. L. Amos, and J. L. Williams, assignors to The Dow Chemical Company, Midland, Mich. Production of ethyl chloride. 2,140,508; Dec. 20.
- Chamberlain, Leonard C., Jr., J. L. Williams, and R. D. Blue, assignors to The Dow Chemical Company, Midland, Mich. Production of ethyl chloride. 2,140,507; Dec. 20.
- Chamberlain Metal Weather Strip Company. (See Julien, Louis F., assignor.)
- Chamberlin, Dale S., Bethlehem, Pa., assignor to Warwick Chemical Co., West Warwick, R. I. Composition and process for soaking silk and textile materials. 2,127,904; Aug. 23.
- Chamberlin Metal Weather Strip Co. (See Julien, Louis F., assignor.)
- Chamberlin, Robert R., Washington, D. C. Electrical discharge apparatus. 2,118,162; May 24.
- Chambers, Arthur D., and J. H. Sachs, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dispersible sulphur. 2,111,552; Mar. 22.
- Chambers, Bering, Quinlan Company. (See Cooper, Earl E.)
- Chambers Brothers Company. (See King, Howard K., assignor.)
- Chambers, Cal C., et al. (See Jacobson, James H., assignor.)
- Chambers, David A., Portland, Ore. Tripod mounting. 2,135,797; Nov. 8.
- Chambers, Ira D., (See Paulson, P. M., and Chambers.)
- Chambers, James E., West Palm Beach, Fla. Pull rod support. 2,107,234; Feb. 1.
- Chambers, John E., Shelbyville, Ind. Gas range. 2,134,029; Oct. 25.
- Chambers, Laura A., St. Louis, Mo. Bedpan cover and cushion. 2,116,560; May 10.
- Chambers, Leslie A., Brookline, Mass., assignor to W. H. Ashton, Edgemont, Pa. Destroying bacteria in liquids. 2,138,839; Dec. 6.
- Chambers, Perry O., assignor to Safety Vulcanizer Company, Inc., Chicago, Ill. Tire recapping equipment. 2,119,467; May 31.
- Chambers, Raymond A. (See Kane, J. J., and Chambers.)



- Chambers, Walter H., Stoneham, Mass. Gun. 2,139,648; Dec. 6.
- Chambers, William J. (See Forsberg, A. L., and Chambers.)
- Chambersburg Engineering Company. (See Macconochie, Arthur F., assignor.)
- Chambless, Ersyl F. (See Fay, Joseph W., assignor.)
- Chambon Corporation. (See Grupe, William F., assignor.)
- Chambon, Henri, assignor to Societe Anonyme des Anciens Etablissements L. Chambon, Paris, France. Manufacture of sheaths, particularly cigarette paper sheaths. 2,112,394; Mar. 29.
- Chamier, John A., Aldwych, London, and G. F. Jones, West Hill, Highgate, London, England. Pump and compressor. 2,117,652; May 17.
- Champagne, Eraste J., Franklin, La. Cover for necktie knots. 2,131,023; Sept. 27.
- Champer, Leon E., Vermilion, Ill., and L. M. Christensen, Ames, Iowa, assignors, by mesne assignments, to The Chemical Foundation, Incorporated, New York, N. Y. Synthetic resins. 2,109,466; Mar. 1.
- Champion Corporation. (See Knoerzer, Arthur T., assignor.)
- Champion Foundry and Machine Company. (See Magnuson, Henry O., assignor.)
- Champion Knitwear Company. (See Feinbloom, William F., assignor.)
- Champion Knitwear Company. (See Friedland, Samuel N., assignor.)
- Champion, Necols, Orange, N. J. Photograph identification. 2,105,521; Jan. 18.
- Champion Paper and Fibre Company, The. (See Bradner, Donald B., assignor.)
- Champion Pecan Machine Company, The, et al. (See Meyer, Leo J., assignor.)
- Champion Spark Plug Company. (See Rohde, Otto C., assignor.)
- Champion, Warren, Pekin, Ill. Steering wheel attachment. 2,137,332; Nov. 22.
- Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Electrical regulation. Re. 20,734; May 24.
- Champlin, James M., South Coventry, Conn. Building toy. 2,116,301; May 3.
- Chan, T. Y. (See Yu, Chan Ting.)
- Chance, Britton, Mantoloking, N. J. Automatic steering means. 2,132,676; Oct. 11.
- Chance, Britton, Mantoloking, N. J. Automatic steering means. 2,132,677; Oct. 11.
- Chancellor, Lihu S., Pleasantgrove, Miss. Crankshaft. 2,140,127; Dec. 13.
- Chancellor, Murray, et al. (See Van Stone, Clifford E., assignor.)
- Chancey, Ernest C., Detroit, Mich. Hair waving device. 2,119,774; June 7.
- Chancey, Ernest C., Detroit, Mich. Heating pad. 2,126,734; Aug. 16.
- Chandlee Corporation, The. (See Jenkins, R. J., and Addicks, assignors.)
- Chandler, Daniel L., Somerville, assignor to Aresee Company Inc., Salem, Mass. Automobile window sash mechanism. 2,122,605; July 5.
- Chandler, Daniel L., Somerville, assignor to Aresee Company, Inc., Salem, Mass. Window lock. 2,125,543; Aug. 2.
- Chandler, Daniel L., Somerville, assignor to Aresee Company Inc., Salem, Mass. Automobile window sash lock. 2,133,426; Oct. 18.
- Chandler, Edwin C., Norwich, Vt. Weighing fork. 2,129,564; Sept. 6.
- Chandler, Milford G., Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Fuel feeding system for internal combustion engines. 2,139,804; Dec. 13.
- Chandler, Milton E., Detroit, Mich. Fuel control means. 2,125,886; Aug. 9.
- Chandler, Milton E., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor choke valve. 2,140,734; Dec. 20.
- Chandler, Milton E., and E. O. Wirth, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,100,260; Feb. 22.
- Chandler and Price Company, The. (See Jirousek, Joseph F., assignor.)
- Chandler & Price Company, The. (See Johnson, Lawrence R., assignor.)
- Chandler, Willard P., Jr., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for cleaning gases. 2,132,146; Oct. 4.
- Chandler, William W., assignor of one-half to J. M. Stinson, Hammond, Ind. Safety razor. 2,131,498; Sept. 27.
- Chaney, Albert L. (See Berman, P., and Chaney.)
- Chaney, Alpha A., Fort Worth, Tex. Slurry drier for cement plants. 2,132,984; Oct. 11.
- Chaney, John L. (See Chaney, Lee F., and J. L.)
- Chaney, John L., assignor of one-half to L. F. Chaney, Springfield, Ohio. Thermometer. 2,117,942; May 17.
- Chaney, Lee F. (See Chaney, John L., assignor.)
- Chaney, Lee F., and J. L., Springfield, Ohio. Thermometer and the like. 2,114,071; Apr. 12.
- Chaney, Lovell V., and A. E. Buell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Sweetening hydrocarbon oils. 2,111,187; Mar. 15.
- Chang, Albert L., Honolulu, Hawaii. Automatic hand signal. 2,116,694; May 10.
- Changette, Inc. (See Skidelsky, Nina, assignor.)
- Changette, Inc. (See Skidelsky, N., and Bary, assignors.)
- Chanik, John, Windsor, Ontario, Canada. Angle block for magnetic chucks. 2,113,874; Apr. 12.
- Channell, James W., West Los Angeles, Calif. Splicing machine. 2,110,287; Mar. 8.
- Chansor, John, Park Place, Oreg. Flexible corrugated diaphragm. 2,111,168; Mar. 15.
- Chantland, Sam G., Tama, Iowa. Drain. 2,112,663; Mar. 29.
- Chantler, Lewis W., Charles Town, W. Va., assignor to The Standard Lime and Stone Company, Baltimore, Md. Process and apparatus for producing mineral wool. 2,112,557; Mar. 29.
- Chantry, Allan J., United States Navy. Power transmission means. 2,106,720; Feb. 1.
- Chaoul, Henri, Berlin, Germany. Method of and apparatus for making radiographs of body layers. 2,133,738; Oct. 18.
- Chapin, Chester M., St. Louis, Mo. Steaming iron. 2,137,387; Nov. 22.
- Chapin, Edward S., Boston, Mass. Mordanting and union dyeing. 2,109,261; Feb. 22.
- Chapin & Neal. (See Alden, Reginald J., assignor.)
- Chaplin, Henry P., et al., executors. (See Cone, Frank L.)
- Chaplin, Herschel, assignor of one-fourth to S. A. Phillips, and fifteen per cent to R. E. Davis, Morgantown, W. Va. Connector plug. 2,108,916; Feb. 22.
- Chapman, Arthur W., London, England. Physical exerciser. 2,106,994; Feb. 1.
- Chapman, Bert, Endicott, assignor to International Business Machines Corporation, New York, N. Y. Secondary clock. 2,131,915; Oct. 4.
- Chapman, Everett, Coatesville, Pa. Bridge construction. 2,103,022; Jan. 4.
- Chapman, Frank D., Berlin, Wis. Liquid heat treating system. 2,112,690; Mar. 29.
- Chapman, Frank D., Berlin, Wis. Hydraulic corn silker. 2,119,006; May 31.
- Chapman, Frank D., Berlin, Wis. Pulping and conveying system. 2,137,388; Nov. 22.
- Chapman, Frank D., Berlin, Wis. Receptacle filling machine. 2,137,389; Nov. 22.
- Chapman, Pearson, deceased, Washington, D. C., American Security and Trust Company, executor. Penholder. 2,114,372; Apr. 19.
- Chapman Valve Mfg. Co., The. (See Malcolm, Vincent T., assignor.)
- Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Electrode holder. 2,128,799; Aug. 30.
- Chapoton, Hamilton J., Utica, Mich. Hinge. 2,118,163; May 24.
- Chapoton, Hamilton J., Utica, Mich. Hinge. 2,127,156; Aug. 16.
- Chappell, Edward M., assignor to Bally Manufacturing Company, Chicago, Ill. Vibrator and holder therefor. 2,118,699; May 24.
- Chappell, Eugene L., Pittsburgh, Pa. Making a lined container. 2,106,828; Feb. 1.
- Chappell, James F., Mineola, Tex. Drilling apparatus. 2,120,240; June 14.
- Chappell, Ralph R., Richmond, Va., and D. McCormack, Lutherville, and R. J. Streb, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Means for controlling conditions or operations. 2,106,083; Jan. 18.
- Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Reversing mechanism. 2,116,142; May 3.
- Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Float type rain gauge. 2,118,459; May 24.
- Chappell, Ralph R., Richmond, Va., and D. McCormack, and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Air conditioning system. 2,135,101; Nov. 1.
- Chappell, Ralph R., Richmond, and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Shaft speed indicator. 2,137,413; Nov. 22.
- Char, Yew, Honolulu, Hawaii. Exploding dart. 2,119,524; June 7.
- Charch, William H., Buffalo, N. Y., M. M. Brubaker, and E. M. Meigs, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof article. Re. 20,845; Sept. 6.
- Charch, William H., Buffalo, N. Y., and D. B. Maney, Old Hickory, Tenn., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of cellulosic materials and products resulting therefrom. 2,128,229; Aug. 30.
- Charch, William H., Buffalo, N. Y., and D. B. Maney, Old Hickory, Tenn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated structure and preparing same. 2,128,635; Aug. 30.
- Charis Corporation. (See Leonard, Joseph, assignor.)
- Charles, Carl L., Winnetka, Ill., assignor to Gas Tool Patents Corporation. Internal combustion percussive hammer. 2,125,013; July 26.



- Charley, Walter G., Brighton, Victoria, Australia, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Harvester-thresher. 2,123,879; July 19.
- Charley, Walter G., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vacuum control for internal combustion engines. 2,134,658; Oct. 25.
- Charlot, Jean. (See Carman, A. and Charlot.)
- Charlson, Karl H., Detroit, Mich. Building construction. 2,110,390; Mar. 8.
- Charlston, Gustave A., Portland, Oreg. Safety guard for glass coffee makers. 2,135,102; Nov. 1.
- Charlton, Edgar A., assignor to International Paper Company, New York, N. Y. Process and apparatus for the manufacture of paper. 2,124,028; July 19.
- Charlton, George, Battle Creek, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Ferrous alloy. 2,111,278; Mar. 15.
- Charlton, George, Battle Creek, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve. 2,119,042; May 31.
- Charlton, Richard C., Philadelphia, assignor to Henry Disston & Sons, Incorporated, Tacony, Pa. Inserted tooth saw blade. 2,117,147; May 10.
- Charman, Walter M., Cleveland Heights, Ohio. Bottom ring for hot tops. 2,129,821; Sept. 13.
- Charnus Company. (See Krout, Ray W., assignor.)
- Charney, Aaron, Chicago, Ill. Glove. 2,136,413; Nov. 15.
- Charnley, Walter J., Omaha, Nebr. Grain puffing equipment. 2,120,964; June 21.
- Charpentier, Jean F. G. M. L., Saint-Cloud, France. Aeroplane. 2,123,096; July 5.
- Charrier, George M., Oaklyn, N. J., assignor to Radio Corporation of America. Signal frequency inverter. 2,110,698; Mar. 8.
- Chartener, Victor, Monessen, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Machine for making fabrics. 2,116,780; May 10.
- Charters, George W., Camas, Wash. Fruit wrap. 2,114,701; Apr. 19.
- Chartier, Louis, Schenectady, N. Y. Door. 2,117,542; May 17.
- Chartier, Raoul E. and R. A., Holyoke, Mass. Charge forming device for internal combustion engines. 2,116,962; May 10.
- Chartier, Romeo A. (See Chartier, Raoul E. and R. A.)
- Chase, Arthur A., Southend-on-Sea, assignor to F. T. Fogden, Westcliff-on-Sea, England. Silencer for internal combustion engines. 2,122,086; June 28.
- Chase Bag Company, The. (See Scott, Douglas E., assignor.)
- Chase Brass & Copper Co. (See Crampton, D. K., and Mitchell, assignors.)
- Chase Brass & Copper Co. Incorporated. (See Cartwright, Eugene M., assignor.)
- Chase Brass & Copper Co. Incorporated. (See Lieberman, Sarah, assignor.)
- Chase Brass & Copper Co. Incorporated. (See Shoemaker, Richard W., assignor.)
- Chase Companies, The. (See Coe, J. S., and Mulholland, assignor.)
- Chase Companies, The. (See Gazey, William J., assignor.)
- Chase Companies, The. (See Reichenbach, Howard F., assignor.)
- Chase Companies, The. (See Shoemaker, Richard W., assignor.)
- Chase Companies Incorporated, The. (See Shoemaker, Richard W., assignor.)
- Chase, Edwin. (See Heppner, G. J., and Chase.)
- Chase, Frederic L., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Soldered joint. 2,105,405; Jan. 11.
- Chase, George F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Handling tar and asphalt. 2,110,905; Mar. 15.
- Chase, Harry J. (See Kraut, S. B., and Chase.)
- Chase, Henry H. (See Holmes, C. H., and Chase.)
- Chase, Herbert, assignor to United Specialties Sales Corporation, New York, N. Y. Temperature indicator. 2,139,805; Dec. 13.
- Chase, Irwin, Bayonne, N. J., assignor to Electric Boat Company, Groton, Conn. Boat structure. 2,119,775; June 7.
- Chase, Kenneth N., Montclair, N. J., assignor to Vick Chemical Company, Wilmington, Del. Carton. 2,132,604; Oct. 11.
- Chase, Leland H., Little Neck, and C. L. Loudon, New York, assignors to Holmes Electric Protective Company, New York, N. Y. Burglar alarm system. 2,129,261; Sept. 6.
- Chase Model Bale Gin Compress Co. (See Elliot, Albert E., assignor.)
- Chase, Philip H., Bala-Cynwyd, Pa. Signal. 2,125,668; Aug. 2.
- Chase, Rutherford B., Chicago, Ill. Type casting machine. 2,129,164; Sept. 6.
- Chase-Shawmut Company, The. (See Condit, Sears B., assignor.)
- Chase-Shawmut Company, The. (See McEntee, James A., assignor.)
- Chase-Shawmut Company, The. (See Taylor, Elmer H., assignor.)
- Chase, Theron P., assignor to General Motors Corporation, Detroit, Mich. Brake drum. 2,131,614; Sept. 27.
- Chase, Theron P., and G. E. Martin, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Internal brake. 2,131,613; Sept. 27.
- Chase, William I., Los Angeles, Calif. Cabinet. 2,126,617; Aug. 9.
- Chaslyn Company, The. (See Linebarger, Charles E. and C. E., Jr., assignors.)
- Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Tension device for sewing machines. 2,131,005; Sept. 20.
- Chasserieu, Gabriel, Brussels, Belgium. Preselective apparatus for gear changing. 2,116,616; May 10.
- Chatfield, Charles B., Chicago Heights, Ill. Marking board and crayon therefor. 2,112,762; Mar. 29.
- Chatfield, Franklin, assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn. Garment. 2,116,340; May 3.
- Chatfield, Franklin, assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn. Knitting machine. 2,124,104; July 19.
- Chatfield, Franklin, assignor to Munsingwear, Inc., Minneapolis, Minn. Men's undergarment. 2,138,481; Nov. 29.
- Chatfield, George I., Winchester, Mass., assignor to Lever Brothers Company. Can top label. 2,114,465; Apr. 19.
- "Chatillon" Societa Anonima Italiana per le Fibre Tessili Artificiali. (See Nai, Alfredo, assignor.)
- Chatterton, Edward R., Delanco, N. J., assignor to E. W. Twitchell Incorporated, Philadelphia, Pa. Molded trimming. 2,120,885; June 14.
- Chattin, Jewel H., and J. G. Clements, Tampa, assignors of one-fifth to W. E. Thompson, Hillsborough County, Fla. Fruit peeling machine. 2,130,980; Sept. 20.
- Chaussé, Clement S., Paris, France. Process and device for automatically centering X-Rays in radiographic and stereoscopic radiographic apparatus. 2,120,729; June 14.
- Chauveau, Louis L. E., Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil. Remote selective control system. 2,131,164; Sept. 27.
- Chauviere, Lucien E., Paris, assignor to Société Anonyme: Forge et Usinage de Métaux Légers (Hélices Métalliques Chauviere), Vitry-sur-Seine, France. Airscrew having a variable pitch. 2,138,339; Nov. 29.
- Chave, Charles T. (See Wallis, J. S., and Chave.)
- Chaveas, Nicholas B., Llanerch, W. C. and L. Kinsley, Philadelphia, Pa., and D. K. Howe, said Howe assignor to The Fairmont Creamery Co., Omaha, Nebr. Automatic packaging machine. 2,136,876; Nov. 15.
- Chaves Dental Instrument Corporation. (See Blair, James H., assignor.)
- Cheatham, Orme E., West Brighton, assignor to Bagpak, Inc., New York, N. Y. Bag closure. 2,140,104; Dec. 13.
- Checker Cab Manufacturing Corporation. (See Tuttle, John H., assignor.)
- Checkmaster Plan, Inc. (See Efron, Alexander, assignor.)
- Cheeseman, Charles H. (See Robbins, Charles F.)
- Cheeseman, Ralph T., Lynn, and E. A. Harty, Marblehead, Mass., assignors to General Electric Company. High power dry disk rectifier. 2,119,381; May 31.
- Cheesman, John J. (See Wallis, A. R., and Cheesman.)
- Cheesman, Raymond J., Morgantown, W. Va. Altitude map. 2,138,024; Nov. 29.
- Chekian, Frank, Modesto, Calif. Fruit pitting and cutting machine. 2,141,204; Dec. 27.
- Cheli, Luigi, Savona, Italy. Switching device. 2,137,131; Nov. 15.
- Chelmo, Levi W., Fort Worth, Tex. Arch support for shoes. 2,128,402; Aug. 30.
- Cheitnam, Charles H. W., Brockley, London, England. Dust separator. 2,111,754; Mar. 22.
- Chemical Construction Corporation. (See Eklund, Joel, assignor.)
- Chemical Construction Corporation. (See Hechenbleikner, Ingenuin, assignor.)
- Chemical Construction Corporation. (See Richardson, Ralph S., assignor.)
- Chemical Corporation, The. (See Carlsen, Charles M., assignor.)
- Chemical Fabrik von Heyden, A. G. (See Raeth, C., and Gebauer, assignors.)
- Chemical Foundation, Incorporated, The. (See Chamber, L. E., and Christensen, assignors.)
- Chemical Foundation, Incorporated, The. (See Christensen, Leo M., assignor.)
- Chemical Foundation, Incorporated. (See Hixson, A. W., and Miller, assignors.)
- Chemical Foundation, Incorporated, The. (See Osterberg, Arnold E., assignor.)
- Chemical Works formerly Sandoz. (See Guyer, August, assignor.)
- Chemical Works formerly Sandoz. (See Kartaschoff, V., and Aeschlimann, assignors.)
- Chemical Works formerly Sandoz. (See Knecht, O., and Wirth, assignors.)
- Chemical Works formerly Sandoz. (See Peter, Albin, assignor.)
- Chemical Works, formerly Sandoz. (See Renz, Jany, assignor.)



- Chemical Works formerly Sandoz. (See Stoll, A., and Burckhardt, assignors.)
- Chemidlin, Frederic J., Scotch Plains, N. J. Railroad trackage. 2,138,340; Nov. 29.
- Chemische Fabrik Grünau, Landshoff & Meyer Akt. Ges. (See Formhals, Richard, assignor.)
- Chemische Fabrik Grünau Landshoff & Meyer A. G. (See Haffner, F., and Sommer, assignors.)
- Chemische Fabrik Grünau, Landshoff & Meyer A. G. (See Jablonski, L., and Lindner, assignors.)
- Chemische Fabrik Grünau, Landshoff & Meyer A. G. (See Wiegand, Georg, assignor.)
- Chemische Fabrik Grünau, Landshoff & Meyer Akt. Ges. (See Sommer, Fritz, assignor.)
- Chemische Fabrik Johann A. Wulfig. (See Sturm, E., and Fleischmann, assignors.)
- Chemische Fabrik R. Baumheier Kommanditgesellschaft Oschatz-Zschollau. (See Kern, Rudolf, assignor.)
- Chemische Fabrik Stockhausen & Cie. (See Cremer, Konrad, assignor.)
- Chemische Fabrik Theod. Rotta. (See Quehl, Kurt, assignor.)
- Chemische Fabriken Dr. Joachim Wiernik & Co., Aktiengesellschaft. (See Heilner, Gustav, assignor.)
- Chemische Fabrik von Heyden A. G. (See Haack, E., and von Buddenbrock, assignors.)
- Chemische Fabrik von Heyden, A. G. (See Steingroever, F.-A., and Boser, assignors.)
- Chemische Forschungsgesellschaft m. b. H. (See Herrmann, Willy O., assignor.)
- Chemische Forschungsgesellschaft m. b. H. (See Herrmann, W. O., and Haehnel, assignors.)
- Chemische Forschungsgesellschaft m. b. H. (See Herrmann, W. O., Haehnel, and Berg, assignors.)
- Chemische Studien-Gesellschaft Uniwapo. (See Sprenger, Arthur, assignor.)
- Chemische Werke Schuster & Wilhelmy Patentverwertungs-Gesellschaft m. b. H. (See Beyersdorfer, Paul, assignor.)
- Chemnitzer Strickmaschinen-Fabrik Akt. Ges. (See Sander, Paul, assignor.)
- Chenall, John R. (See Schley, T. E., Chenall, and Kehrer.)
- Chenault, Roy L., Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Well graveling apparatus. 2,140,072; Dec. 13.
- Cheney, Allan, Cynwyd, Pa. Shower bath and pan. 2,106,516; Jan. 25.
- Cheney, Allan, Cynwyd, Pa., assignor to The Cheney Company. Crimped copper flashing. 2,125,841; Aug. 2.
- Cheney, Charles W., Soho, Birmingham, England. Machine for fixing locks, fastenings, and fittings to attaché and similar cases. 2,120,693; June 14.
- Cheney, Charles W., Soho, Birmingham, England. Attachment of fastenings and fittings to suitcases and the like. 2,121,422; June 21.
- Cheney, Charles W., Birmingham, England. Bolt and hasp fastening for attaché and suit cases and the like. 2,129,117; Sept. 6.
- Cheney, Charles W., Soho, Birmingham, England. Fastening for suitcases and the like. 2,133,131; Oct. 11.
- Cheney, Charles W., Soho, Birmingham, England. Key for locks. 2,133,187; Oct. 11.
- Cheney Company, The. (See Cheney, Allan, assignor.)
- Cheney Weeder Company. (See Edgington, Aaron D., assignor.)
- Chenicek, George W., assignor to Standard Oil Company, Chicago, Ill. Breather bag system. 2,111,839; Mar. 22.
- Chenoweth, Edwin J. R., Renville, Minn. Disintegrating machine. 2,139,933; Dec. 13.
- Chenoweth, Elijah P., Lancaster, Ohio. Tent frame. 2,135,961; Nov. 8.
- Cherkasoff, Nicholas. (See Hedden, C. L., and Cherkasoff.)
- Chermendy, Carl V., assignor to F. Csermendy, Chicago, Ill. Ignition breaker. 2,106,721; Feb. 1.
- Chernosky, Frank E., Newgulf, Tex. Fluid conducting line. 2,116,302; May 3.
- Chernosky, Frank E., Corpus Christi, Tex. Window rain shield. 2,120,730; June 14.
- Chernosky, Frank E., Corpus Christi, Tex. Scale trap. 2,124,244; July 19.
- Cherry-Burrell Corporation. (See Adams, Harry B., assignor.)
- Cherry-Burrell Corporation. (See Bolleau, A. H., and Voggenthaler, assignors.)
- Cherry-Burrell Corporation. (See Conover, Walter K., assignor.)
- Cherry-Burrell Corporation. (See Lippold, Adolph J., assignor.)
- Cherry Burrell Corporation. (See Weinreich, Charles F., assignor.)
- Cherry Burrell Corporation. (See Wightman, Rolan J., assignor.)
- Cherry, Frank W. (See Urbahn, L. F., and Cherry.)
- Cherry, Frank W., Kenilworth, Ill., assignor to Lug-Lox Flooring Company. Floor structure and method of making. 2,111,528; Mar. 15.
- Cherry, George L., Western Springs, and V. H. Dupre, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Coin chute. 2,108,651; Feb. 15.
- Cherry, Oscar A., Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Making phenolic esters. 2,134,388; Oct. 25.
- Chesler, Isidor, New York, N. Y., assignor to Eagle Pencil Company. Agglutinant. 2,105,310; Jan. 11.
- Chesler, Isidor, New York, N. Y., assignor to Eagle Pencil Company. Mechanical pencil. 2,107,816; Feb. 8.
- Chesler, Isidor, assignor to Eagle Pencil Company, West Orange, N. J. Lead pencils and preparing pencil leads. 2,116,187; May 3.
- Chesley, Walter R., Somerville, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Spring cover. 2,118,879; May 31.
- Chesnut, Guy E., Jr., St. Joseph, Mo. Rapid focusing binocular. 2,105,348; Jan. 11.
- Chesny, Heinz H., San Mateo, assignor to Marine Chemicals Company, Ltd., South San Francisco, Calif. Magnesium carbonate and manufacture. 2,139,934; Dec. 13.
- Chessler, Edward, Baltimore, Md. Device and method for forming plaits. 2,124,650; July 26.
- Chessman, Samuel C. (See Hunt, N. C., and Chessman.)
- Chester, Bernard B., Kingston, N. Y. Belt or tube turner. 2,119,266; May 31.
- Chester, Thomas, Detroit, Mich., assignor, by mesne assignments, to Auditorium Conditioning Corporation, New York, N. Y. Method and system for treating air or other fluids. 2,131,725; Oct. 4.
- Chesnut, John D. (See Wood, Walter A., assignor.)
- Chestnutt, John E., Fayetteville, N. C. Clothes drier. 2,118,786; May 24.
- Chester, Thomas, Detroit, Mich. Method of air conditioning. Re. 20,650; Feb. 8.
- Cheston, Arthur S., et al. (See Booth, John H., assignor.)
- Chevalier, John C., Washington, D. C. Shirt folding and finishing apparatus. 2,126,618; Aug. 9.
- Chewie, William. (See Mikos, George, assignor.)
- Chevrier, Eugène M. (See Marguerat, R., and Chevrier.)
- Chew, Fred C., Grand Island, Nebr. Excavating and prospecting tool. 2,121,858; June 28.
- Chew, Yee Lain, Gopeng, Federated Malay States. Mining monitor or nozzle. 2,111,553; Mar. 22.
- Chewning, Emmett E., assignor of one-fourth to J. P. Etheridge and one-fourth to W. C. Jones, Perry, Ga. Fruit packing device. 2,134,437; Oct. 25.
- Chibnik, Elhanan, Mt. Vernon, N. Y. Tooth brush. 2,110,461; Mar. 8.
- Chicago Apparatus Company. (See Grainger, Herbert H., assignor.)
- Chicago Bridge & Iron Company. (See Boardman, Harry C., assignor.)
- Chicago Cardboard Company. (See Ziemmerman, Henry, assignor.)
- Chicago Carton Company. (See Hayes, Charles C., assignor.)
- Chicago Carton Company. (See Johnson, Edward W., assignor.)
- Chicago Carton Company. (See Richardson, Ralph R., assignor.)
- Chicago Development Company. (See Dean, Reginald S., assignor.)
- Chicago Development Company. (See Dean, R. S., and Gross, assignors.)
- Chicago Electric Manufacturing Company. (See Benson, Bernhart A., assignor.)
- Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
- Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)
- Chicago Embroidery Company. (See De Cardy, Otto, assignor.)
- Chicago Flexible Shaft Company. (See Jeppsson, Ivar, assignor.)
- Chicago Flexible Shaft Company. (See Lynch, John W., assignor.)
- Chicago Flexible Shaft Company. (See Nelson, John W., assignor.)
- Chicago Flexible Shaft Company. (See Wright, Horace C., assignor.)
- Chicago Forging & Manufacturing Co. (See Hynes, Dibrell P., assignor.)
- Chicago Great Western Railroad Company. (See Atherton, Howard B., assignor.)
- Chicago-Hutchins Corporation. (See Hawksworth, David W., assignor.)
- Chicago-Hutchins Corporation. (See Hawksworth, D. W., and Miller, assignors.)
- Chicago-Hutchins Corporation. (See Mattingley, Edward H., assignor.)
- Chicago-Hutchins Corporation. (See Nystrom, Karl F., assignor.)
- Chicago-Hutchins Corporation. (See Swanson, Earl R., assignor.)
- Chicago-Hutchins Corporation. (See Thompson, William D., assignor.)
- Chicago-Hutchins Corporation. (See Thompson, W. D., and Bille, assignors.)
- Chicago-Hutchins Corporation. (See Thompson, W. D., and Hawksworth, assignors.)
- Chicago Lock Company. (See Hansen, Henry, assignor.)
- Chicago Metal Hose Corporation. (See Benson, Andrew, assignor.)



- Chicago Metal Hose Corporation. (See Dreyer, Albert, assignor.)
- Chicago Musical Instrument Company. (See Barber, Charles E., assignor.)
- Chicago Pneumatic Tool Company. (See Davenport, Ransom W., assignor.)
- Chicago Pneumatic Tool Company. (See Katterjohn, August H., assignor.)
- Chicago Pneumatic Tool Company. (See Lear, Earl B., assignor.)
- Chicago Pneumatic Tool Company. (See Lear, E. B., and Slater, assignors.)
- Chicago Pneumatic Tool Company. (See Reed, Clarence E., assignor.)
- Chicago Pneumatic Tool Company. (See Williams, John G., assignor.)
- Chicago Pump Company. (See Nordell, Carl H., assignor.)
- Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
- Chicago Railway Equipment Company. (See Cottrell, Robert B., assignor.)
- Chicago Railway Equipment Company. (See Ferguson, Lee C., assignor.)
- Chicago Railway Equipment Company. (See Meadows, Claude C., assignor.)
- Chicago Railway Equipment Company. (See Wasberg, Axel, assignor.)
- Chicago Rawhide Manufacturing Company. (See Northup, H. L. and Agger, assignors.)
- Chicago Sales & Building Supply Co. (See Gessler, Samuel, assignor.)
- Chicago Telephone Supply Co. (See Cooper, George M., assignor.)
- Chicago Telephone Supply Co. (See Schellenger, Newton C., assignor.)
- Chicago Television & Research Laboratories, Inc. (See McCreary, Harold J., assignor.)
- Chick, Gilbert H. (See Bell, William L., assignor.)
- Chico, Russell, New York, N. Y., G. R. Porter, and G. Webb, West Hartford, assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Dishwashing machine. 2,131,615; Sept. 27.
- Chidsey, Charles A., Jr., Detroit, Mich., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel dispensing apparatus. 2,140,440; Dec. 13.
- Chiera, Albert, Washington, D. C. Method of and means for producing white light or daylight. 2,110,500; Mar. 8.
- Child, Edward R. (See Blaylock, R. C., Bassett, Child, and Osborn.)
- Child, Lachlan W., South Bend, Ind., assignor, by mesne assignments, to Air Devices Corporation, Chicago, Ill. Heat transfer unit. 2,122,454; July 5.
- Child, Lachlan W., South Bend, Ind., assignor, by mesne assignments, to Air Devices Corporation, Chicago, Ill. Air conditioning system. 2,123,693; July 12.
- Child, Lachlan W., South Bend, Ind., assignor, by mesne assignments, to Air Devices Corporation, Chicago, Ill. Air conditioning. 2,140,829; Dec. 20.
- Child, McLaren C., Richmond, Calif. Electric switch. 2,111,311; Mar. 15.
- Childs, Kenneth L., New Haven, Conn. Frying apparatus. 2,124,186; July 19.
- Chilson, Lewis S., Attleboro, Mass., assignor to J. M. Fisher Company. Locket. 2,129,491; Sept. 6.
- Chilstrom, Gus E., and A. Thompson, Paulina, Iowa. Sickle cushioner. 2,109,085; Feb. 22.
- Chilton Pen Company, The. (See Sypher, Milford G., assignor.)
- Chilton, Roland, Ridgewood, N. J. Regenerative transmission system. 2,118,590; May 24.
- Chilton, Roland, Ridgewood, N. J. Antifriction bearing. 2,130,379; Sept. 20.
- Chilton, Roland, Ridgewood, N. J., assignor to The Reed Propeller Co., Inc. Pendulum counterweight. 2,112,984; Apr. 5.
- Chilton, Roland, Ridgewood, N. J., assignor to The Reed Propeller Co., Inc. Dynamic damper. 2,116,861; May 10.
- Chilton, Roland, Ridgewood, N. J., assignor to The Reed Propeller Co., Inc. Ball suspended dynamic counterweight. 2,121,950; June 28.
- Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Engine accessory drive. 2,127,460; Aug. 16.
- Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Rocking dynamic damper. 2,127,462; Aug. 16.
- Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Reduction gear. 2,127,463; Aug. 16.
- Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Planetary reduction gear. 2,127,464; Aug. 16.
- Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Flexible control terminal. 2,128,986; Sept. 6.
- Chilton, Roland, Keyport, N. J., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Engine starter. 2,124,812; July 26.
- Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Cylinder head. 2,132,605; Oct. 11.
- Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Rotary valve and seal therefor. 2,137,390; Nov. 22.
- Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Cylinder attachment. 2,137,391; Nov. 22.
- Chilton, Roland, Ridgewood, and R. F. Gagg, Fairlawn, assignors, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Cylinder head attachment. 2,127,461; Aug. 16.
- Chinoin Gyogyyszer-Es Vegyeszeti Termek Gyara R. T. (Dr. Kereszty and Dr. Wolf.) (See Wolf, Emil, assignor.)
- Chinsky, Joseph A., Baltimore, Md. Signal. 2,128,800; Aug. 30.
- Chiones, Nick, et al. (See Bear, Albert B., assignor.)
- Chipman Chemical Company. (See Seibert, Frank J., assignor.)
- Chireix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Antenna with reduced zenith radiation. 2,109,835; Mar. 1.
- Chireix, Henri, assignor to Compagnie Generale de Telegraphie Sans Fil, Paris, France, Radio beacon and blind landing system. 2,116,667; May 10.
- Chireix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Wave demodulating means. 2,135,171; Nov. 1.
- Chirelstein, Nathan, Newark, N. J. Attachment plug. 2,110,035; Mar. 1.
- Chirelstein, Nathan, Newark, N. J. Wiring device. 2,110,036; Mar. 1.
- Chirelstein, Nathan, Newark, N. J. Plug. 2,117,298; May 17.
- Chirelstein, Nathan, Newark, N. J. Plug. 2,121,338; June 21.
- Chirelstein, Nathan, Newark, N. J. Electric plug socket construction. 2,134,074; Oct. 25.
- Chisholm, Clifton, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Embossing machine. 2,115,455; Apr. 26.
- Chisholm, Clifton, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Embossing machine. 2,115,456; Apr. 26.
- Chisholm, Harry L., Jr., assignor to Houde Engineering Corporation, Buffalo, N. Y. Stabilizer structure for automobiles. 2,106,886; Feb. 1.
- Chisholm, Harry L., Jr., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,122,407; July 5.
- Chisholm-Ryder Company. (See Ryder, Frank P., assignor.)
- Chisholm-Ryder Co. (See Thorold, Frederick W., assignor.)
- Chisholm, William, Toronto, Ontario, Canada. Rotary engine. 2,124,542; July 26.
- Chittenden, Fayette D., and H. Manchester, Providence, R. I., assignors to United States Rubber Products, Inc., New York, N. Y. Racket string. 2,118,164; May 24.
- Chittick, Kenneth A., Haddonfield, N. J., assignor to Radio Corporation of America. Tuning indicator system. 2,123,001; July 5.
- Chittim, James M., San Antonio, Tex. Storage tank. 2,131,270; Sept. 27.
- Chitwood, Henry C., and G. A. Perkins, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of olefine ethers. 2,104,717; Jan. 4.
- Chmielewski, Theodore, and N. A. Monfort, Brooklyn, N. Y. Display frame. 2,140,666; Dec. 20.
- Chmura, John, Richmond Hill, N. Y. Rosewood pipe. 2,131,582; Sept. 27.
- Choate, Parker C., Essex, Mass. Making reacted plaster. 2,127,952; Aug. 23.
- Choate, Roy E., W. E. Rodler and W. I. Leech, assignors to La Plant-Choate Manufacturing Co. Inc., Cedar Rapids, Iowa. Earth moving device. 2,108,304; Feb. 15.
- Chochard, Edward, Ada, Ohio. Trolling line sinker. 2,115,302; Apr. 26.
- Chong, Jue L., Isleton, Calif., assignor to Miller and Chong. Root chopping and dirt distributing implement. 2,138,472; Nov. 29.
- Chorlton, Frank O. L., Bury, England. Sealing container. 2,122,087; June 28.
- Chorlton, Frank O. L., and H. Mayson, Bury, England; said Mayson assignor to said Chorlton. Lid seaming machine. 2,114,484; Apr. 19.
- Chott, Edward L., Chicago, Ill. Dispenser. 2,113,460; Apr. 5.
- Chott, Edward L., assignor of one-half to H. J. Chott, Chicago, Ill. Dispensing cap. 2,107,563; Feb. 8.
- Chott, Hugo J. (See Chott, Edward L., assignor.)
- Chouinard, Alfred F., assignor to R. T. Moloney, Chicago, Ill. Coin divider. 2,122,024; June 28.
- Chrisman, Albert M., Avenal, assignor to Standard Oil Company of California, San Francisco, Calif. Well tubing port control. 2,118,428; May 24.
- Chrisman, Frank S., South Bend, Ind. Hinge. 2,111,840; Mar. 22.
- Christ, Herman C., Stockton, Calif. Fuse igniter. 2,114,176; Apr. 12.
- Christensen, Alfred C. (See Rapp, A. G. J., and Christensen.)



- Christensen, Anton, West Brighton, Staten Island, N. Y. Crank pin lathe. 2,127,584; Aug. 23.
- Christensen, August B., Hellertown, Pa. Antipanic theater and the like. 2,136,841; Nov. 15.
- Christensen, Axel, Racine, Wis. Thermostatic control switch. 2,124,999; July 26.
- Christensen, Carl W. (See Ralston, A. W., and Christensen.)
- Christensen, Cecile W. (See Christensen, Jakob V. C. T., Jr., assignor.)
- Christensen, Chris T., Alhambra, Calif., assignor, by decree of court, to M. T. Christensen. Sand and mud separator. 2,105,584; Jan. 18.
- Christensen, Clarence A., San Francisco, Calif., assignor, by mesne assignments, to W. J. Besler. Power chamber. 2,134,072; Oct. 25.
- Christensen, Fred A. (See Etten, N. L., and Christensen.)
- Christensen, Harry S., and D. D. Draper, Oxford, Nebr. Animal marker. 2,125,768; Aug. 2.
- Christensen, Holger, Loyaltown, Calif. Roll-over churn. 2,111,356; Mar. 15.
- Christensen, Hyrum D., Wilford C. La Rue, Oakland, and V. E. Zackerson, Alameda, Calif. Amalgamator. 2,120,965; June 21.
- Christensen, Jakob V. C. T., Jr., Sierra Madre, assignor to Cecile W. Christensen, Los Angeles, Calif. Vegetable cooling spray. 2,132,720; Oct. 11.
- Christensen, Jens H., Sterrehus, Holte, Denmark. Photographic developer. 2,124,608; July 26.
- Christensen, Lars. (See De Cola, J., and Christensen.)
- Christensen, Leo M. (See Champer, L. E., and Christensen.)
- Christensen, Leo M., Atchison, Kans., assignor to The Chemical Foundation, Incorporated. Motor fuel. 2,128,987; Sept. 6.
- Christensen, Magnus, G. H. Plaine, J. E. Trainer, and J. C. Hodge, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Electrode and making same. 2,133,970; Oct. 25.
- Christensen, Magnus, and G. H. Plaine, Barberton, J. E. Trainer, Fairlawn, and J. C. Hodge, Akron, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Welding apparatus. 2,133,971; Oct. 25.
- Christensen, Mary T. (See Christensen, Chris T., assignor.)
- Christensen, Niels A., South Euclid, Ohio. Hydraulic brake. 2,115,383; Apr. 26.
- Christensen, Norman V., C. F. Rubel, C. C. Smith, Chicago, and H. J. LeVesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Fabric feeding mechanism for sewing machines. 2,106,517; Jan. 25.
- Christensen, Norman V., Chicago, and H. Hacklander, Tinley Park, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,107,368; Feb. 8.
- Christensen, Norman V., Chicago, H. Hacklander, Tinley Park, and H. J. Le Vesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,125,044; July 26.
- Christensen, Norman V., and C. F. Rubel, assignors to Union Special Machine Company, Chicago, Ill. Lock stitch sewing machine. 2,113,572; Apr. 12.
- Christensen, Norman V., and C. F. Rubel, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,128,120; Aug. 23.
- Christensen, Norman V., and O. Quist, assignors to Union Special Machine Company, Chicago, Ill. Lockstitch sewing machine. 2,134,652; Oct. 25.
- Christensen, Paul M., Newington, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,130,369; Sept. 20.
- Christenson, Anton E., Rye, Colo. Engine. 2,131,616; Sept. 27.
- Christenson, George, Plainfield, N. J., assignor to John-Manville Corporation, New York, N. Y. Packing material and assembly. 2,106,293; Jan. 25.
- Christenson, George, Plainfield, N. J., assignor to John-Manville Corporation, New York, N. Y. Packing assembly. 2,106,829; Feb. 1.
- Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive firebox. 2,112,953; Apr. 5.
- Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive firebox. 2,112,954; Apr. 5.
- Christenson, Olaf A., Albert City, Iowa. Trailer hitch. 2,138,267; Nov. 29.
- Christian, Frank T., assignor to Ellipse Machine Company, Elmira, N. Y. Vehicle brake. 2,131,532; Sept. 27.
- Christian, H. S., et al. (See Hall, John L., assignor.)
- Christian, John R., Martinez, Calif. Game board. 2,128,988; Sept. 6.
- Christian, Joseph D., San Francisco, Calif. Speed change device. 2,108,367; Feb. 15.
- Christian, Joseph D., San Francisco, Calif. Speed change device. 2,108,368; Feb. 15.
- Christian, Joseph D., San Francisco, Calif. Speed change device. 2,116,166; May 3.
- Christian, Raymond A., assignor to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,127,673; Aug. 23.
- Christian, Raymond A., assignor to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,134,683; Nov. 1.
- Christian, Warren I., Denver, Colo. Air conditioning equipment. 2,124,137; July 19.
- Christian, William, Milford, Conn. Display card holder for merchandise. 2,130,732; Sept. 20.
- Christiansen, Christian, Fargo, N. Dak. Tractor hitch. 2,125,014; July 26.
- Christiansen, Christian, Oslo, and G. O. K. Rüsck, Mandal, Norway. Hemp breaking machine. 2,127,157; Aug. 16.
- Christiansen, Ejnar, Birmingham, England. Variable speed friction gear. 2,134,225; Oct. 25.
- Christiansen, Frederick A., Los Angeles, assignor of two-thirds to W. H. Hammer, and one-third to L. Rhodes, Santa Monica, Calif. Motorless toy airplane. 2,114,212; Apr. 12.
- Christiansen, Peter, Jr., Racine, Wis. Clinker loosening means for coal stokers. 2,123,462; July 12.
- Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Cyclohexene derivatives. 2,117,299; May 17.
- Christiansen, Walter G., Glen Ridge, and W. A. Lott, East Orange, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Purification of ether. 2,121,019; June 21.
- Christiansen, Walter G., Glen Ridge, N. J., and E. Moness, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Phenyl sulphides. 2,129,674; Sept. 13.
- Christiansen, Walter G., Glen Ridge, N. J., and S. E. Harris, Coral Gables, Fla., assignors to E. R. Squibb & Sons, New York, N. Y. Carbanilic acid esters of substituted alkylaminoalkanois. 2,137,042; Nov. 15.
- Christiansen, Walter G., Glen Ridge, N. J., and E. Moness, Long Island City, assignors to E. R. Squibb & Sons, New York, N. Y. Mercuri alkyl phenol derivatives. 2,137,236; Nov. 22.
- Christiansen, Walter G., Glen Ridge, N. J., and A. E. Jurist, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Precipitation of neosarphenamine and sulpharsphenamine. 2,137,237; Nov. 22.
- Christiansen, Walter G., Glen Ridge, N. J., and S. E. Harris, Lynbrook, assignors to E. R. Squibb & Sons, New York, N. Y. Derivatives of phenyl-phenyl esters. 2,141,172; Dec. 27.
- Christiansen, Walter G., Glen Ridge, N. J., and E. Moness, assignors to E. R. Squibb & Sons, New York, N. Y. Mercurated 3-nitro 4-alkyl phenols. 2,140,509; Dec. 20.
- Christianson, Andrew, Hammond, Ind., and Otto Jabelmann, Omaha, Nebr. Car truck. 2,129,910; Sept. 13.
- Christianson, Andrew, Hammond, and O. Jabelmann, Omaha, Nebr. Car truck. 2,129,911; Sept. 13.
- Christianson, Erling, assignor to Viking Engineering Company, Inc., Hammond, Ind. Slack adjuster for brakes. 2,122,975; July 5.
- Christie, Soren L., Los Angeles, Calif. Concentration testing apparatus and method. 2,122,363; June 28.
- Christie, Soren L., Los Angeles, Calif. Compensated concentration testing system and method. 2,122,364; June 28.
- Christie, Stanley P., London, England. Internal combustion motor. 2,113,720; Apr. 12.
- Christman, John N. H., assignor to Evans Products Company, Detroit, Mich. Vehicle ventilating structure. 2,125,486; Aug. 2.
- Christman, Peter J., Green Bay, Wis. Embossing, perforating and rewinding machine. 2,127,246; Aug. 16.
- Christman, Ruth F., Topeka, Kans. Window lock for automobiles. 2,124,245; July 19.
- Christmann, Friedrich. (See Pier, M., and Christmann.)
- Christmann, Ludwig J., Jersey City, N. J., assignor to American Cyanamid Company, New York, N. Y. Manufacture of high grade sodium cyanide. 2,121,020; June 21.
- Christo, Gligor, Rochester, N. Y. Beverage cooling and dispensing bar. 2,118,724; May 24.
- Christoffersen, Fred, Herman, Nebr. Separately lockable compartment trunk. 2,115,253; Apr. 26.
- Christopher, Edward T., and H. E. Murray, Denver, Colo., assignors to The Lifeguard Co., Inc. Self-inflating life preserver. 2,118,165; May 24.
- Christopher, Ralph F., Euclid, Ohio. Brush. 2,115,942; May 3.
- Christopher, William M., Tonawanda, N. Y. Wringer-mop apparatus. 2,127,055; Aug. 16.
- Christopher, William M., Tonawanda, N. Y. Dispensing device. 2,131,218; Sept. 27.
- Christoffersen, Hagbarth S., Odense, Denmark. Collar button with detachable head. 2,130,263; Sept. 13.
- Christy, Andrew. (See McMaster, A. J., and Christy.)
- Christy, George C., Chicago, Ill. Door controlling device. 2,136,274; Nov. 8.
- Chomette, Charles, Los Angeles, Calif. Ringlet-forming implement for hair wavers. 2,134,030; Oct. 25.
- Chromium Products Corporation. (See Ross, John W., assignor.)
- Chrony, Ben J. (See West, Samuel K., assignor.)
- Chrysler Corporation. (See Barnett, Guy D., assignor.)
- Chrysler Corporation. (See Blue, Roy E., assignor.)
- Chrysler Corporation. (See Breer, Carl, assignor.)
- Chrysler Corporation et al. (See Breer, C., Goode, and Sherman, assignors.)
- Chrysler Corporation. (See Breer, C., Herreshoff, Clark, and Cadwallader, assignors.)
- Chrysler Corporation. (See Campbell, H. A., and Vinette, assignors.)



- Chrysler Corporation et al. (See Conrad, Frank, assignor.)
- Chrysler Corporation et al. (See Conrad, F., and Goode, assignors.)
- Chrysler Corporation. (See Cousino, Walter P., assignor.)
- Chrysler Corporation. (See Dickson, J. B., and Hatch, assignors.)
- Chrysler Corporation. (See Dunn, William T., assignor.)
- Chrysler Corporation. (See Fishburn, O. E., Patterson, and Aland, assignors.)
- Chrysler Corporation. (See Fromm, Harry E., assignor.)
- Chrysler Corporation. (See Herreshoff, Alexander G., assignor.)
- Chrysler Corporation. (See Hicks, Harold A., assignor.)
- Chrysler Corporation. (See Johnson, Glen F., assignor.)
- Chrysler Corporation. (See Johnson, Roy W., assignor.)
- Chrysler Corporation. (See Lee, Roger K., assignor.)
- Chrysler Corporation. (See Maurer, Edwin R., assignor.)
- Chrysler Corporation. (See McCain, George L., assignor.)
- Chrysler Corporation. (See Neeson, Charles R., assignor.)
- Chrysler Corporation. (See Neracher, C. A., and Iavelli, assignors.)
- Chrysler Corporation. (See Patterson, Herbert F., assignor.)
- Chrysler Corporation. (See Ploetz, Walte F., assignor.)
- Chrysler Corporation. (See Roualet, Andre J. E., assignor.)
- Chrysler Corporation. (See Seljé, Frederick A., assignor.)
- Chrysler Corporation. (See Slack, Frederick W., assignor.)
- Chrysler Corporation. (See Staley, Allen C., assignor.)
- Chrysler Corporation. (See Stamy, David R., assignor.)
- Chrysler Corporation. (See Stromquist, V. B. and Dunn, assignors.)
- Chrysler Corporation. (See Syrov, Augustin J., assignor.)
- Chrysler Corporation. (See Tea, Clark A., assignor.)
- Chrysler Corporation. (See Tyken, John G., assignor.)
- Chrysler Corporation. (See Weihmann, Karl, assignor.)
- Chrysler Corporation. (See Werdehoff, Albert B., assignor.)
- Chrysler Corporation. (See Wheat, Thomas E. M., assignor.)
- Chrysler Corporation. (See Woolson, Harry T., assignor.)
- Chrysler Corporation. (See Wright, Benjamin F., assignor.)
- Chrysler Corporation. (See Wyeth, Nathaniel, assignor.)
- Chryst, William A. (See Pontis, W. G., Chryst, Kindl, and Kunkle.)
- Chryst, William A. (See Rossman, E. F., Chryst, and Bates.)
- Chryst, William A. (See Wise, A. G., Mapes, Chryst, and Fuchs.)
- Chryst, William G., Philadelphia, Pa. Clutch mechanism for wheel differentials. 2,119,098; May 31.
- Chubb, Alexander A., Coventry, assignor to The General Electric Company Limited, London, England. System of control for electrically operated lifts. 2,117,839; May 17.
- Chubb, Alexander A., Coventry, assignor to The General Electric Company Limited, London, England. Controlling system for lifts. 2,137,075; Nov. 15.
- Chubb, Alexander A., Coventry, and N. C. Smart, Birley, near Coventry, assignors to The General Electric Company Limited, London, England. System of control for electrically operated lifts. 2,117,838; May 17.
- Chubbuck, Charles I., San Marino, Calif. Making dry lime sulphur compositions. 2,106,294; Jan. 25.
- Chura, Fred D., Orange, N. J. Spool holder. 2,110,588; Mar. 8.
- Church, Albert C., Covington, Ky. Steam boiler. 2,126,619; Aug. 9.
- Church, Albert H., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I. Nozzle closure means for containers. 2,127,390; Aug. 16.
- Church, Albert H., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I. Nozzle closure means for containers. 2,127,465; Aug. 16.
- Church, Elton C., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I. Nozzle closure means for containers, bottles, tubes, cans and the like. 2,127,389; Aug. 16.
- Church, Franklin O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Back cushion. 2,105,997; Jan. 18.
- Church, Franklin O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Seat construction. 2,107,052; Feb. 1.
- Church, Franklin O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Seat construction. 2,135,657; Nov. 8.
- Church, Harold D., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Piston. 2,108,194; Feb. 15.
- Church, Harold D., Cleveland Heights, Ohio. Internal combustion engine. 2,134,811; Nov. 1.
- Church, Ira E. (See Purcell, T. E., and Church.)
- Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,105,182; Jan. 11.
- Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Grounding fitting. 2,114,014; Apr. 12.
- Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Grounding fitting. 2,127,840; Aug. 23.
- Church, Ray W., and T. H. Ware, Seminole, Okla. Air conditioner. 2,137,905; Nov. 22.
- Church, Walter L., Houston, Tex. Pipe cutter. 2,109,688; Mar. 1.
- Church, Walter L., Houston, Tex. Packer and setting tool. 2,123,500; July 12.
- Church, Walter L., Houston, Tex. Pipe perforator. 2,125,487; Aug. 2.
- Churchill Cabinet Company. (See Gullicksen, Willard A., assignor.)
- Churchill, Durand, Jr., New York, N. Y., assignor to Standard Oil Development Company. Extracting hydrocarbon material. 2,116,188; May 3.
- Churchill Machine Tool Company Limited, The. (See Asbridge, Harry H., assignor.)
- Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Electrical unit and fastener member for the same. 2,118,665; May 24.
- Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener installation and fastener for the same. 2,128,725; Aug. 30.
- Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening parts by self-piercing means. 2,133,916; Oct. 18.
- Churchward Engineering Company, The. (See Churchward, Jack, assignor.)
- Churchward, Jack, assignor to The Churchward Engineering Company, Inc., New Haven, Conn. Electrode holder. Re. 20,808; July 26.
- Chuse, Harry A., Madison, Wis. Paper making method and machine. 2,118,491; May 24.
- Chute, Stanley J. (See Wilson, D. W., Chute, and Hopkins.)
- Chwala, August. (See Waldmann, E., and Chwala.)
- Chylinski, Stanislas, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for the production of sheeting. 2,141,377; Dec. 27.
- Cianchi, Alfredo, London, England. Electric switch. 2,142,046; Dec. 27.
- Ciarrocchi, Igino. (See Levi, M. G., Mariotti, and Ciarrocchi.)
- Ciba Products Corporation. (See Gams, A., Widmer, and Frey, assignors.)
- Ciba Products Corporation. (See Sutter, Theodor, assignor.)
- Cibulka, Alois, Baytown, Tex., assignor to Standard Oil Development Company. Pressure relief valve. 2,128,039; Aug. 23.
- Cichocki, Joseph, Woodhaven, N. Y. Adjustable shelving. 2,107,660; Feb. 8.
- Cicin, Paul, Vienna, Austria. Roller sluice bearing structure. 2,139,488; Dec. 6.
- Cieri, Edmund M. (See Franks, Willie H., assignor.)
- Cilley, Percy L., La Crosse, Wis. Manually operable driving device. 2,113,505; Apr. 5.
- Cimorosi, Alberto, Elkton, Md. Fireworks. 2,130,068; Sept. 13.
- Cinaudagraph Corporation. (See Cornwell, Lionel B., assignor.)
- Cinch Manufacturing Corporation. (See Del Camp, Scipione M., assignor.)
- Cinch Manufacturing Corporation. (See Dressel, Henry M., assignor.)
- Cinch Manufacturing Corporation. (See Knutson, Carl L., assignor.)
- Cinch Manufacturing Corporation. (See Pool, Esson J., assignor.)
- Cinch Manufacturing Corporation. (See Roby, William G., assignor.)
- Cinch Manufacturing Corporation. (See Wallschlaeger, Theodore W., assignor.)
- Cincinnati Advertising Products Company, The. (See Mattman, Gustave F., assignor.)
- Cincinnati Ball Crank Company, The. (See Butler, Clyde G., assignor.)
- Cincinnati Ball Crank Company, The. (See Woelfer, Frank C., Jr., assignor.)
- Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L., assignor.)
- Cincinnati Bickford Tool Company, The. (See Schauer, L. L., and McKewen, assignors.)
- Cincinnati Butchers' Supply Company, The. (See Schmidt, Oscar C., assignor.)
- Cincinnati Grinders Incorporated. (See Brown, Carlton E., assignor.)
- Cincinnati Grinders Incorporated. (See Ernst, H., and Dall, assignors.)
- Cincinnati Grinders Incorporated. (See Ernst, H., and Wortendyke, assignors.)
- Cincinnati Grinders Incorporated. (See Haas, F. S., and Trible, assignors.)
- Cincinnati Grinders Incorporated. (See Herfurth, Charles, assignor.)
- Cincinnati Grinders Incorporated. (See Peaslee, Willetts, assignor.)
- Cincinnati Grinders Incorporated. (See Romaine, M., and Archea, assignors.)



- Cincinnati Grinders Incorporated. (See Vancil, Edgar D., assignor.)  
 Cincinnati Milling Machine Company, The. (See Blood, Louis H., assignor.)  
 Cincinnati Milling Machine Co., The. (See Horlacher, Herman, assignor.)  
 Cincinnati Milling Machine Company, The. (See Nenninger, Lester F., assignor.)  
 Cincinnati Milling Machine Co., The. (See Patrick, Rollin H., assignor.)  
 Cincinnati Milling Machine Company, The. (See Pope, H. L., and Squibb, assignors.)  
 Cincinnati Milling Machine Company. (See Roehm, Erwin G., assignor.)  
 Cincinnati Milling Machine Co., The. (See Romaine, Millard, assignor.)  
 Cincinnati Milling Machine Company, The. (See Romaine, M., and Roehm, assignors.)  
 Cincinnati Milling Machine Company, The. (See Sassen, Bernard, assignor.)  
 Cincinnati Milling Machine Company, The. (See Wright, Leigh W., assignor.)  
 Cincinnati Time Recorder Company, The. (See Streckfuss, Elmer G., assignor.)  
 Cincinnati Time Recorder Company, The. (See Streckfuss, E. G., and Lensky, assignors.)  
 Cincinnati Time Recorder Company, The. (See Weiss, Henry G., assignor.)  
 Cincinnati Traction Bldg. Company, The. (See Ritchie, David M., assignor.)  
 Cincinnati Traction Building Company. (See Schoepf, T. H., and Ritchie, assignors.)  
 Cinecolor, Inc. (See Gundelfinger, Alan M., assignor.)  
 Cinemacolor Corporation. (See Gilmore, Otto C., assignor.)  
 Ciocca, Baldo. (See Contardi, A., and Ciocca.)  
 Cioffi, Paul P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic material. 2,110,569; Mar. 8.  
 Cipar, Florem, Chicago, Ill. Basket. 2,131,425; Sept. 27.  
 Cirac Automatic Reverse Control Company. (See Cirac, C. P., Cooper, and MacDonald, assignors.)  
 Cirac, Charles P., T. W. Cooper, San Francisco, and W. W. MacDonald, Mountain View, assignors to Cirac Automatic Reverse Control Company, San Francisco, Calif. Overrunning clutch. 2,137,643; Nov. 22.  
 Circo Products Company. (See Ralston, Eldon K., assignor.)  
 Cirelli, Frank, Philadelphia, Pa. Shoe stretcher. 2,107,140; Feb. 1.  
 Cirelli, Michael S., Ellwood City, Pa. Necktie pin. 2,131,311; Sept. 27.  
 Cisco, Edward S., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Cooking utensil. 2,130,678; Sept. 20.  
 Cisco, Edward S., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Percolator cover. 2,135,744; Nov. 8.  
 Cities Service Oil Company. (See Suit, George A., assignor.)  
 Citrus Color & Supply Company. (See Holzcker, Richard, assignor.)  
 Clucci, Ottavio, assignor to A. and L. Valiani, and O. Clucci, Rome, Italy. Device for preventing re-filling of bottles. 2,110,261; Mar. 8.  
 Claassen, Anthony F. P. J. (See de Lange, C., and Claassen.)  
 Clack, Thomas H., San Francisco, Calif. Strand forming device. 2,112,395; Mar. 29.  
 Clad Metals Industries, Inc. (See Chace, Thomas B., assignor.)  
 Claff, C. Lloyd, trustee, et al. (See Moeller, Carl A., assignor.)  
 Claff, Clarence L., Randolph, Mass. Candy. 2,121,185; June 21.  
 Claff, Clarence L., Randolph, Mass. Paper box, lid, or the like. 2,132,776; Oct. 11.  
 Claff, Mary A., trustee, et al. (See Moeller, Carl A., assignor.)  
 Claggett, Albert D., Denver, Colo. Mechanical pencil. 2,132,777; Oct. 11.  
 Clair, Edward L., Toledo, Ohio, assignor to Interlake Iron Corporation, Chicago, Ill. Reducing iron in a blast furnace. 2,136,360; Nov. 15.  
 Clairon, Julius C. (See Birl, W., and Clairon.)  
 Clairon, Julius C., New York, N. Y. Garment hanger device. 2,137,268; Nov. 22.  
 Clamann, Gerhard, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Reproducing balanced sound records. 2,133,132; Oct. 11.  
 Clamp Nail Company. (See Putman, Mabel C., assignor.)  
 Clancy, Anna B., San Francisco, Calif. Shield. 2,136,039; Nov. 8.  
 Clancy, Charles E., Glendale, Calif. Venetian blind. 2,137,444; Nov. 22.  
 Clancy, Fred V., Los Altos, Calif. Solenoid. 2,134,777; Nov. 1.  
 Clancy, J. R., Inc. (See Tompkins, Charles E., assignor.)  
 Clancy, Peter, Oakland, Calif. Selector device for valve manifolds. 2,138,802; Nov. 29.  
 Clanton, Earl S. (See Quick, John B., assignor.)  
 Clapham, Thomas. (See van Beek, H., and Clapham.)  
 Clapsadle, Leo J., Buffalo, N. Y., and A. H. Tenney, Pittsburgh, Pa., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Noncorrosive antifreeze liquid. 2,126,173; Aug. 9.  
 Clapshaw, Myron M., Portland, Oreg., assignor, by mesne assignments, to Mineralized-Cell Wood Preserving Company, Seattle, Wash. Cap mechanism for treating felled green timber. 2,109,467; Mar. 1.  
 Clapshaw, Myron M., Portland, Oreg., assignor to Mineralized-Cell Wood Preserving Company. Preserving felled green timber containing its natural sap. 2,134,031; Oct. 25.  
 Clar, Carl. (See Tramm, H., Clar, Kühnel, and Schuff.)  
 Clar, Friedrich K., Berlin-Hermsdorf, assignor to Rheinmetall-Borsig Aktiengesellschaft werk Borsig Berlin-Tegel, Berlin-Tegel, and Carl Geissen, Berlin-Schöneberg, Germany. Spring for cars. 2,129,118; Sept. 6.  
 Clar, Friedrich K., Berlin-Hermsdorf, and C. Geissen, Berlin-Schöneberg, said Clar assignor to Rheinmetall-Borsig Aktiengesellschaft/werk Borsig Berlin-Tegel, Berlin-Tegel, Germany. Spring suspension system for cars. 2,141,592; Dec. 27.  
 Clarage Fan Company. (See Downs, S. H., and Wasson, assignors.)  
 Clare, Charles, Madison, Wis. Railway crossing. 2,137,566; Nov. 22.  
 Clare, Irwin C., assignor to Hercules Powder Company, Wilmington, Del. Coating compositions and producing. 2,138,140; Nov. 29.  
 Clare, Norval D. (See Gilbert, H. N., and Clare.)  
 Clarin Mfg. Co. (See Hambrook, George W., assignor.)  
 Clark, Alva B. (See Burgess, M. S., and Clark.)  
 Clark, Arthur E., Freeport, and J. F. Kohler, New York, N. Y. Machine for making pie rims. 2,123,230; July 12.  
 Clark, Arthur M. (See Harrison, C. F. R., Clark, and Hilton.)  
 Clark, Arthur M. (See Tyrer, D., and Clark.)  
 Clark, Arthur M., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Recovery of sulphur dioxide from gas mixtures. 2,128,027; Aug. 23.  
 Clark, Carl L., Warren, Ohio. Skid platform. 2,123,714; July 12.  
 Clark, Charles H., San Francisco, Calif. Marine craft. 2,111,555; Mar. 22.  
 Clark, Charles H., and R. C. Hollister, Cortland, N. Y. Overhead door control for a closed vehicle body. 2,113,291; Apr. 5.  
 Clark, Charles R., St. Joseph, Mo. Direction signal for automobiles. 2,113,192; Apr. 5.  
 Clark, Claude D., De Land, Fla. Picture frame. 2,137,156; Nov. 15.  
 Clark, Claude J., Young, Ariz. Windmill. 2,107,690; Feb. 8.  
 Clark Controller Company, The. (See Colbert, Lester H., assignor.)  
 Clark Controller Company, The. (See Mellon, James J., assignor.)  
 Clark Controller Company, The. (See Rippl, Charles H., assignor.)  
 Clark, Cuyler L., Baltimore, Md. Curvilinear measuring instrument. 2,108,251; Feb. 15.  
 Clark, Donald E. (See Mansfield, N., and Clark.)  
 Clark, Donald R. (See Bird, W., and Clark.)  
 Clark, Earl K. (See Vaughan, V. G., and Clark.)  
 Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic cooking device. 2,140,348; Dec. 13.  
 Clark, Eben W., Lynbrook, assignor to American Water Works and Electric Company, Incorporated, New York, N. Y. Closure device. 2,124,763; July 26.  
 Clark, Edwin L., Collingswood, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Electrical system. 2,109,021; Feb. 22.  
 Clark Equipment Company. (See Bixby, Leo A., assignor.)  
 Clark Equipment Company. (See Burger, Frederick W., assignor.)  
 Clark Equipment Company. (See Burrows, R. J., and Williams, assignors.)  
 Clark Equipment Company. (See Dunham, Elmer J., assignor.)  
 Clark Equipment Company. (See Gettig, Joseph H., assignor.)  
 Clark Equipment Company. (See Lapsley, Robert, assignor.)  
 Clark Equipment Company. (See Ormsby, Donald D., assignor.)  
 Clark Equipment Company. (See Spatta, George, assignor.)  
 Clark, Ernest, Beeston, England, assignor to United Carr Fastener Corporation, Cambridge, Mass. Voltage selector and wiring terminal, particularly for use therewith. 2,128,726; Aug. 30.  
 Clark, Ernest, Braekton, Mass. Apparatus for use in stripping wool cards. 2,136,935; Nov. 15.  
 Clark, Ernest, East Orange, N. J. Nonskid tire. 2,130,524; Sept. 20.  
 Clark, Frank G., Minneapolis, assignor to Crane Co., of Minnesota, St. Paul, Minn. Churn. 2,105,212; Jan. 11.  
 Clark, Frank G., Minneapolis, Minn. Butter churn. 2,108,162; Feb. 15.



- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Liquid insulating composition. 2,105,406; Jan. 11.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Liquid insulating composition. 2,105,407; Jan. 11.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Mineral oil product. 2,112,735; Mar. 29.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electric capacitor. 2,117,874; May 17.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Fluorinated paraffin wax. 2,122,278; June 28.
- Clark, Frank M., and R. A. Ruscetta, Pittsfield, Mass., assignors to General Electric Company. Protective means for electrolytic devices. 2,123,713; July 12.
- Clark, Frank M., Pittsfield, Mass., and J. H. Koenig, Columbus, Ohio, assignors to General Electric Company. Plastic composition of rubber and chlorinated diphenyl. 2,130,264; Sept. 13.
- Clark, Gordon H., Pottstown, Pa., assignor to Hoffman Gas & Electric Heater Company, Louisville, Ky. Electric switch. 2,104,848; Jan. 11.
- Clark, Harold W. (See Ballou, J. McK., and Clark.)
- Clark, Harold W., assignor to The McCaskey Register Company, Alliance, Ohio. Salesbook and holder. 2,113,678; Apr. 12.
- Clark, Harold W., assignor to The McCaskey Register Company, Alliance, Ohio. Slidable drawer. 2,127,158; Aug. 16.
- Clark, Harry A., Detroit, Mich. Necktie. 2,112,437; Mar. 29.
- Clark, Harry I., assignor to All Steel Welded Truck Corporation, Rockford, Ill. Truck dolly. 2,111,554; Mar. 22.
- Clark, Henry B., Elizabeth, N. J. Overhead door. 2,134,397; Oct. 25.
- Clark, Herbert S. and R. M. H., Scarborough Township, Ontario, Canada. Apparatus for hand weaving. 2,139,879; Dec. 13.
- Clark, Howard G., Jackson, and W. C. Sell, Ann Arbor, Mich.; said Sell assignor to said Clark. Snow plow. 2,138,783; Nov. 29.
- Clark, Ira J., Fort Morgan, Colo. Valve spring compressor. 2,119,128; May 31.
- Clark, Isaac N., Tulsa, Okla. Automatic up and down bridge. 2,141,030; Dec. 20.
- Clark, James E., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical connector. 2,132,203; Oct. 4.
- Clark, James E., Long Island City, S. O. Ekstrand, Bergenfield, and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. High power discharge device. 2,105,472; Jan. 18.
- Clark, James E., Long Island City, and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,114,439; Apr. 19.
- Clark, James E., Long Island City, and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,141,378; Dec. 27.
- Clark, James R., and C. G. Burleigh, assignors to Yawman & Erbe Mfg. Co., Rochester, N. Y. Card tray cabinet. 2,109,689; Mar. 1.
- Clark, Jesse H. (See Wells, A. S., and Clark.)
- Clark, Jesse H., Chicago, and J. K. Johnson, Evanston, assignors to Wells-Gardner & Company, Chicago, Ill. Tuning dial for radio receiving sets. 2,112,734; Mar. 29.
- Clark, Jesse S., Lemon Grove, Calif. Hinge. 2,117,148; May 10.
- Clark, John, Walkerton, Ind. Railroad anticreeper. 2,134,750; Nov. 1.
- Clark, John T., Cicero, Ill. Rubber diaphragm and making the same. 2,111,313; Mar. 15.
- Clark, Joseph B., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Method and apparatus for collecting soil gas samples. 2,141,261; Dec. 27.
- Clark, Joseph C., Merchantville, N. J., assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Light sensitive bridge. 2,114,591; Apr. 19.
- Clark, Joseph P., Atlantic City, N. J. Target. 2,134,226; Oct. 25.
- Clark, Kempton, Little Compton, R. I., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Paper container and cover therefor. 2,118,591; May 24.
- Clark, Kempton, Little Compton, R. I., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Paper article. 2,121,951; June 28.
- Clark, Kendall, assignor to Bendix Products Corporation, South Bend, Ind. Cup. 2,111,312; Mar. 15.
- Clark, Kendall, South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Control device. 2,115,518; Apr. 26.
- Clark, Kendall, South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Operating mechanism. 2,118,492; May 24.
- Clark, Kendall, South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Safety device. 2,131,094; Sept. 27.
- Clark, Lester B. (See Burton, Lawrence C., assignor.)
- Clark, Leverett M., Snyder, assignor to Waugh Equipment Company, New York, N. Y. Cushioning mechanism. 2,116,189; May 3.
- Clark, Mabel V., Los Angeles, Calif. Slide fastener. 2,105,213; Jan. 11.
- Clark, Max J., Pontiac, Mich. Material handling apparatus for machine operations. 2,120,966; June 21.
- Clark, Oliver H. (See Breer, C., Herreshoff, Clark, and Cadwallader.)
- Clark, Otho A., Atherton, assignor of one-third to O. D. Hughes, Independence, Mo. Sweep rake. 2,127,441; Aug. 16.
- Clark, Otto B. (See Tear, H. R., and Clark.)
- Clark, Otto B., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,123,712; July 12.
- Clark, Otto B., assignor to The Lubrication Corporation, Chicago, Ill. Clamping device. 2,134,858; Nov. 1.
- Clark, Percy L., Jr., Chicago, Ill. Insert for diaphragms. 2,133,079; Oct. 11.
- Clark, Percy M., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resin composition. 2,119,507; May 31.
- Clark, Ralph R., assignor to Armstrong Cork Company, Lancaster, Pa. Centrifugal feeding device. 2,108,163; Feb. 15.
- Clark, Rankin, Waynesboro, Va. Hollow wall. 2,113,875; Apr. 12.
- Clark, Richard U., Fort Wayne, Ind. Electron discharge device. Re. 20,727; May 17.
- Clark, Richard U., Wilmette, Ill. Electron discharge device. 2,130,380; Sept. 20.
- Clark, Richard U., Wilmette, Ill. Electron discharge device. 2,138,444; Nov. 29.
- Clark, Richard U., Wilmette, Ill., assignor, by mesne assignments, to The Magnavox Company, Incorporated. Mounting. 2,140,441; Dec. 13.
- Clark, Richard U., Wilmette, Ill., assignor, by mesne assignments, to The Magnavox Company, Incorporated. Condenser and mounting therefor. 2,140,442; Dec. 13.
- Clark, Richard U., Wilmette, Ill., assignor, by mesne assignments, to The Magnavox Company, Incorporated. Suspension mounting. 2,140,443; Dec. 13.
- Clark, Richard U., Fort Wayne, Ind., assignor, by mesne assignments, to The Magnavox Company, Incorporated. Filter circuits. 2,140,444; Dec. 13.
- Clark, Rosa M. H. (See Clark, Herbert S. and R. M. H.)
- Clark, Rufus B., St. Louis, Mo. Bath tub support. 2,117,233; May 10.
- Clark, Samuel C. (See Pryale, H. M., Clark, and Cotterman.)
- Clark, Samuel C. (See Pryale, H. M., Clark, and Vrooman.)
- Clark, Samuel C., assignor to Baldwin Rubber Company, Pontiac, Mich. Floor covering and the like. 2,132,936; Oct. 11.
- Clark, Sheldon, Chicago, Ill. Feeder. 2,135,867; Nov. 8.
- Clark, Thomas B., Rockford, Ill., assignor, by mesne assignments, to The Permutit Company (1934), Wilmington, Del. Valve. 2,111,169; Mar. 15.
- Clark Thread Company, The. (See Babbitt, A. W., and Lewis, assignors.)
- Clark Thread Company, The. (See Camp, William M., assignor.)
- Clark Thread Company, The. (See Frame, Robert M., assignor.)
- Clark, W. G. (See Thompson, Stacy W., assignor.)
- Clark, Wesley C., Minneapolis, Minn. Shooting streamers. 2,118,166; May 24.
- Clark, William M. (See Jones, E. B., and Clark.)
- Clark, William M., et al. (See Mitchell, Hollis F., assignor.)
- Clark, Wilmer W., Spokane, Wash. Vacuum lift device. 2,138,999; Dec. 6.
- Clarke, Arthur, assignor to Gimson & Co. (Leicester), Limited, Leicester, England. Machine for applying closures to or removing them from bottles and other containers. 2,130,317; Sept. 13.
- Clarke, Charles J., Kingsburg, Calif. Valve cap retainer. 2,136,002; Nov. 8.
- Clarke, Charles M. (See Bergmann, Christian N., assignor.)
- Clarke, Douglas C., Mountain Lakes, N. J., assignor to E. A. Self, New York, N. Y. Refrigerator. 2,139,441; Dec. 6.
- Clarke, Dumont, Asheville, N. C. Spade-handle massaging device. 2,127,674; Aug. 23.
- Clarke, Hans T., New York, and F. R. Bean, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Gasoline anti-oxidant. 2,122,408; July 5.
- Clarke, Hans T., New York, and F. R. Bean, assignors to Eastman Kodak Company, Rochester, N. Y. Esters of para-hydroxyphenyliminodiacetic acid. 2,122,409; July 5.
- Clarke, Harold E., Somerville, Mass., assignor to Bendix Products Corporation, South Bend, Ind. Control means for automobiles. 2,109,101; Feb. 22.
- Clarke, Harold E., Somerville, Mass. Clutch control means. 2,132,721; Oct. 11.
- Clarke, Harry R., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,110,200; Mar. 8.



- Clarke, Henry B., Grosse Pointe, Mich., assignor, by mesne assignments, to H. R. Gross, Chicago, Ill. Viscosity regulator. 2,134,778; Nov. 1.
- Clarke, Henry B., Garden City, N. Y., assignor, by mesne assignments, to H. R. Gross, Chicago, Ill. Viscosity regulator. 2,136,040; Nov. 8.
- Clarke, Henry B., Grosse Pointe, Mich., and H. T. Booth, Glencoe, assignors, by mesne assignments, to H. R. Gross, Chicago, Ill. Viscosity regulator. 2,140,735; Dec. 20.
- Clarke, Henry R., Chattanooga, Tenn. Product for improving the quality of cast iron and for the manufacture of ferromanganese. 2,130,228; Sept. 13.
- Clarke, Herbert A., Pennsauken, N. J., assignor to Radio Corporation of America. Apparatus for mounting piezo-electric crystals. 2,139,998; Dec. 13.
- Clarke, Joseph C., Pine Falls, Manitoba, Canada. Log scaler. 2,110,757; Mar. 8.
- Clarke, Louis A. (See Taveau, R. D., Clarke, and Manley.)
- Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,127,325; Aug. 16.
- Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining. 2,131,999; Oct. 4.
- Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,132,350; Oct. 4.
- Clarke, Louis A., Fishkill, and C. C. Towne, Poughkeepsie, assignors to The Texas Company, New York, N. Y. Lubricating oil. 2,141,593; Dec. 27.
- Clarkson, Alick, Elmhurst, Ill. Steam generating system. 2,123,166; July 12.
- Clarkson, John L., Nashville, Ill. Power loader. Re. 20,883; Oct. 18.
- Clarkson, John L., Nashville, Ill. Loading machine. 2,141,147; Dec. 20.
- Clarkson, John L., Nashville, Ill. Loading machine. 2,141,148; Dec. 20.
- Clarkson, Ralph P. (See Troxell, Edgar R., Jr., assignor.)
- Clarkson, Richard G., Wilmington, Del., and C. G. Wolff, Pennsgrove, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Motor fuel stabilization. 2,128,075; Aug. 23.
- Clarkson, William S., Ann Arbor, Mich. Liquid weight meter. 2,104,010; Jan. 4.
- Clary, Charles A., assignor of one-half to C. A. Clary, Jr., and P. Baker, Los Angeles, Calif. Headlight. 2,106,995; Feb. 1.
- Clary, Charles A., Jr., et al. (See Clary, Charles A., assignor.)
- Clary, Lloyd H. (See Doud, H. P., and Clary.)
- Clason, Charles E., Wichita, Kans., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Acid treatment of wells. 2,122,452; July 5.
- Clason, Jan C., assignor to Aktiebolaget Asmeqa Agenturer, Stockholm, Sweden. Speed indicator for watercraft. 2,105,311; Jan. 11.
- Clason, Ragnar, Flint, assignor to General Motors Corporation, Detroit, Mich. Combined pressure gauge and telltale signal. 2,139,327; Dec. 6.
- Clatworthy, Buell E., Haddon Heights, N. J., assignor to Radio Corporation of America. Insulating panel and closure. 2,132,098; Oct. 4.
- Clauberger, Herman P., Hasbrouck Heights, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Folding mechanism for printing machines. 2,126,537; Aug. 9.
- Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Bracket for automobile robe rails, door handles, grip cords, or the like. 2,114,059; Apr. 12.
- Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Fastening device for automobile hoods or the like. 2,117,339; May 17.
- Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 2,134,137; Oct. 25.
- Claude, André, Nanterre, assignor to Société Anonyme pour les Applications de l'Electricité et des Gaz Rares Etablissements Claude-Paz & Silva, Paris, France. Discharge tube. Re. 20,909; Nov. 8.
- Claude, André N., Nanterre, France, assignor to Société Anonyme pour les Applications de l'Electricité et des Gaz Rares Etablissements Claude-Paz & Silva. Incandescent electric lamp. 2,115,480; Apr. 26.
- Claudin, Jean, assignor to Société Anonyme des Matières Colorantes & Produits Chimiques de Saint Denis, Paris, France. Thiocyanic and dithiocarbamic anhydrides and making the same. 2,139,935; Dec. 13.
- Claus, Ernst C., assignor to Moto-Sway Corporation of America, Chicago, Ill. Vehicle tilting machine. 2,113,042; Apr. 5.
- Claus, Walter E., assignor to Sportsman's Equipment Co., Milwaukee, Wis. Draft coupling. 2,114,279; Apr. 19.
- Claus, Willi, assignor to Metallchemische Fabrik A.-G., Berlin, Germany. Cleansing means for metal and metal alloys. 2,131,549; Sept. 27.
- Claus, William H., Downers Grove, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for controlling highway crossing signals. 2,129,822; Sept. 13.
- Claus, William H., Downers Grove, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Interlocking relay. 2,132,528; Oct. 11.
- Clause, Robert L., Sewickley, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazing unit. 2,122,453; July 5.
- Clausen, Harold C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,185; Jan. 4.
- Clausen, Harold C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,186; Jan. 4.
- Clausen, Harold C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,187; Jan. 4.
- Clauser, Herbert C., Elkton, Md. Self-extensible float light. 2,114,213; Apr. 12.
- Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe last. 2,135,172; Nov. 1.
- Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Remodeling lasts. 2,139,442; Dec. 6.
- Clausing, Harold W., Norwood, Ohio. Hinged shoe last and hinge therefor. 2,125,623; Aug. 2.
- Clausing, Henry, assignor to Vulcan Corporation, Portsmouth, Ohio. Remodeled shoe last. 2,135,173; Nov. 1.
- Clauss, Julius A., Detroit, and D. E. McGuire, Wyandotte, Mich. Pickling tank structure. 2,121,139; June 21.
- Clavey, Edward A., assignor to Beckley-Cardy Company, Chicago, Ill. Support for window shade rollers. 2,112,206; Mar. 22.
- Clavier, Andre G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Ultra-short-wave receiver. 2,141,291; Dec. 27.
- Clavier, Andre G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Radio receiver. 2,141,292; Dec. 27.
- Claviez, Jean, Paris, France. Purse. 2,124,287; July 19.
- Clayton, Benjamin, Houston, Tex., W. B. Kerrick, Los Angeles, and H. M. Stadt, Glendale, Calif., assignors to Refining, Inc., Reno, Nev. Apparatus for refining oils. 2,137,214; Nov. 15.
- Clayton, Benjamin, Sugar Land, Tex., W. B. Kerrick, Los Angeles, and H. M. Stadt, Glendale, Calif., assignors to Refining Inc., Reno, Nev. Apparatus for producing soap of low moisture content. 2,137,213; Nov. 15.
- Clayton, Weaver R. (See Haynes, C. R., Clayton, and Townsend.)
- Clawson, Millard E., and F. Mohnk, assignors to Continental Oil Company, Ponca City, Okla. Tank for volatile liquids. 2,126,367; Aug. 9.
- Clay Equipment Corporation. (See Clay, J. B., and Wille, assignors.)
- Clay, Harry C., assignor to Reeves Pulley Company, Columbus, Ind. Hydraulic control for variable speed transmissions. 2,112,141; Mar. 22.
- Clay, Henry R., et al. (See Armstrong, Noval H., assignor.)
- Clay, James R., assignor of one-half to P. L. Moore, Granite Falls, N. C. Variable speed drive for drafting machinery. 2,109,247; Feb. 22.
- Clay, Joseph B., and W. O. Wille, assignors to Clay Equipment Corporation, Cedar Falls, Iowa. Stanchion. 2,127,021; Aug. 16.
- Clay, Murray G., Hasbrouck Heights, N. J., assignor to Radio Corporation of America. Short wave radio frequency amplifier system. 2,122,558; July 5.
- Clay, Murray G., Hasbrouck Heights, N. J., assignor to Radio Corporation of America. Superheterodyne receiver circuit. 2,128,556; Aug. 30.
- Clay, Ralph A., Albury, assignor to The Expanded Metal Company, Limited, London, England. Electrical heater and resistance. 2,129,046; Sept. 6.
- Clay, William C., Buckroe Beach, Va. Deicing attachment for airplane propellers. 2,129,565; Sept. 6.
- Clay, Walter J. (See Humason, G. A., and Clay.)
- Claybaugh, Howard S., assignor to Lyle Culvert & Pipe Company, Minneapolis, Minn. Footer construction. 2,126,091; Aug. 9.
- Claybourn, Leslie W., Milwaukee, Wis., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Registering printing plates. 2,101,553; Jan. 4.
- Clayson, Gordon S. (See Dahlberg, A., and Clayson.)
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,119,316; May 31.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,120,210; June 7.
- Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Producing soap having a definite water content. Re. 20,772; June 28.
- Clayton, Benjamin, Springer, N. Mex. assignor to Refining, Inc., Reno, Nev. Apparatus for producing soap having a definite water content. 2,123,647; July 13.
- Clayton, Benjamin, Houston, Tex., and B. H. Thurman, Bronxville, N. Y. Bleaching oils. 2,110,789; Mar. 8.
- Clayton, Benjamin, Houston, Tex., and B. H. Thurman, Bronxville, N. Y., assignors to Refining, Inc., Reno, Nev. Bleaching oils. Re. 20,838; Aug. 30.
- Clayton, Benjamin, Sugarland, Tex., W. B. Kerrick, Los Angeles, and H. M. Stadt, Glendale, Calif. assignors to Refining, Inc., Reno, Nev. Forming plant for acid vapors. 2,123,767; July 12.



- Clayton, Edwin C., Baltimore, assignor to William E. Hooper & Sons Company, Woodberry, Baltimore, Md. Vehicle top fabric. 2,120,434; June 14.
- Clayton, Edwin C., and L. L. Heffner, assignors to Wm. E. Hooper & Sons Company, Baltimore, Md. Painting and similar composition. 2,118,737; May 24.
- Clayton, Harold H. (See Catron, H., Clayton, and Dashner.)
- Clayton & Lambert Manufacturing Company. (See Lambert, Charles F., assignor.)
- Clayton Manufacturing Company. (See Clayton, William, assignor.)
- Clayton Manufacturing Company. (See Griswold, Donald G., assignor.)
- Clayton Manufacturing Company. (See Kerrick, Walter E., assignor.)
- Clayton, Martin M., Beden, assignor to National Electric Products Corporation, Pittsburgh, Pa. Outlet duct. 2,119,776; June 7.
- Clayton, Martin M., Beden, assignor to National Electric Products Corporation, Pittsburgh, Pa. Outlet duct. 2,119,777; June 7.
- Clayton, William, Pasadena, assignor to Clayton Manufacturing Company, Alhambra, Calif. Spraying device. 2,130,629; Sept. 20.
- Claytor, Edward M., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Furnace control system. 2,112,067; Mar. 22.
- Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Switch. 2,121,651; June 21.
- Clean-Be-Tween Toothbrush Co. (See Jones, Fred A., assignor.)
- Cleaners Products, Inc. (See Trevellyan, Vernon B., assignor.)
- Cleary, Ernest W., San Francisco, Calif. Surgical apparatus. 2,115,096; Apr. 26.
- Cleary, Herbert B., Kilgore, Tex. Introducing and mixing chemicals into an oil stream. 2,117,789; May 17.
- Cleem, Delphia H., Hallock, Minn. Vapor generator for carburetors. 2,140,071; Dec. 13.
- Cleff, Wilhelm, Sackingen, Germany. Apparatus for producing plastic surfaces on wood. 2,113,679; Apr. 12.
- Clegg, Isaac N., Jr., Carthage, N. C. Erasing shield for typewriters. 2,140,510; Dec. 20.
- Clegg, John E., Hempstead, and F. C. Hilliard, Setauket, assignors to The Arabol Manufacturing Company, New York, N. Y. Manufacturing dextrine. 2,127,205; Aug. 16.
- Clemence, Elliott I., Millburn, N. J. Electric light bulb. 2,120,087; June 7.
- Clemence, Elliott I., Millburn, N. J. Support clip attachment for miniature electric lamps. 2,123,231; July 12.
- Clemence, Elliott I., Millburn, N. J. Reflector ornament for light bulbs. 2,134,356; Oct. 25.
- Clemence, Le Roy W. (See Raiziss, G. W., and Clemence.)
- Clemens, Alfred A., Columbia, Calif. Load indicator for motor vehicles. 2,129,343; Sept. 6.
- Clement, Louis E., Meudon, France, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Manufacture of cellulose esters. 2,104,023; Jan. 4.
- Clement, William D., assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Fabric for use in the manufacture of shoes. 2,129,344; Sept. 6.
- Clements, Everett G. (See Perry, Ira D., assignor.)
- Clements, James G. (See Chatten, J. H., and Clements.)
- Clements Manufacturing Company. (See Clements, William J., assignor.)
- Clements, Ralph R., Dunellen, N. J. Header construction for rolls. 2,123,401; July 12.
- Clements, Stanley, Houston, assignor of one-half to A. R. Savage, Corpus Christi, Tex. Shears. 2,136,414; Nov. 15.
- Clements, Wesley P., Detroit, Mich. Sterilizing and warming device for containers. 2,141,516; Dec. 27.
- Clements, William J., assignor to Clements Mfg. Co., Chicago, Ill. Electric bulb socket. 2,127,675; Aug. 23.
- Clements, William J., assignor to Clements Manufacturing Company, Chicago, Ill. Electric connection. 2,131,165; Sept. 27.
- Clemmer, Julius B., and R. G. O'Meara, Rolla, Mo., assignors of one-fourth to Semmes and Semmes, Washington, D. C. Ore flotation. 2,120,485; June 14.
- Clemmons, Joseph R., Rochester, N. Y. Fluid proportioning and mixing apparatus. 2,128,452; Aug. 30.
- Clemmons, Ralph W., Chicago, Ill. Load-distributing expansion joint for adjacent solid sections. 2,130,992; Sept. 20.
- Clemmons, Ralph W., Chicago, Ill., assignor to R. B. Hayward Company. Reel. 2,115,481; Apr. 26.
- Clemmons, Ralph W., Chicago, Ill., assignor to R. B. Hayward Company. Reel. 2,140,494; Dec. 20.
- Clemons, Frederick E., Indianapolis, Ind. Independent wheel suspension. 2,104,736; Jan. 11.
- Clench, Edward C. S., Leamington Spa, assignor to Automotive Products Company Limited, London, England. Locking means for fluid motors. 2,119,419; May 31.
- Clench, Edward C. S., Leamington Spa, assignor to Automotive Products Company Limited, London, England. Transmitter for fluid pressure systems. 2,126,310; Aug. 9.
- Clench, Edward C. S., Leamington Spa, assignor to Automotive Products Company Limited, London, England. Adjusting means for brakes. 2,140,219; Dec. 13.
- Cleveland Brass Manufacturing Company, The. (See Roach, Nathan, assignor.)
- Cleveland Cooperative Stove Company, The. (See Becvar, Joseph, assignor.)
- Cleveland Cooperative Stove Company, The. (See Herbert, G., and Becvar, assignors.)
- Cleveland Crane and Engineering Company, The. (See Forker, James B., Jr., assignor.)
- Cleveland Crane & Engineering Company. (See Wehr, William G., assignor.)
- Cleveland Formgrader Company, The. (See Schumacher, Elroy F., assignor.)
- Cleveland Graphite Bronze Company, The. (See Fies, Herbert W., assignor.)
- Cleveland Graphite Bronze Company, The. (See Palm, J. V. O., and Swartz, assignors.)
- Cleveland Graphite Bronze Company, The. (See Swartz, Carl E., assignor.)
- Cleveland Graphite Bronze Company, The. (See Swartz, C. E., and Wilkey, assignors.)
- Cleveland, Harry A., Berkeley, Calif. Fuse mounting. 2,114,523; Apr. 19.
- Cleveland Hobbing Machine Company, The. (See Staples, Otis E., assignor.)
- Cleveland Pneumatic Tool Company, The. (See De Mooy, John, assignor.)
- Cleveland Pneumatic Tool Company, The. (See Van Sittert, Paul, assignor.)
- Cleveland Pneumatic Tool Company, The. (See Wallace, John F., assignor.)
- Cleveland, Ralph E., Waterbury, Conn. Press roll for paper making machines and making same. 2,114,072; Apr. 12.
- Cleveland Rock Drill Company, The. (See Curtis, John C., assignor.)
- Cleveland Rock Drill Company, The. (See Curtis, J. C., and Feucht, assignors.)
- Cleveland Rock Drill Company, The. (See Feucht, Albert, assignor.)
- Cleveland Rock Drill Company, The. (See Renfer, John E., assignor.)
- Cleveland Rock Drill Company, The. (See Richardson, Led L., assignor.)
- Cleveland Shopping News Company, The. (See Anson, Samuel B., assignor.)
- Cleveland Shopping News Company, The. (See Brauer, Oscar F., assignor.)
- Cleveland Shopping News Company, The. (See Hamlin, Walter E., assignor.)
- Cleveland Steel Products Corp. (See Beckett, Reginald W., assignor.)
- Cleveland Steel Products Corporation. (See Slaght, William V., assignor.)
- Cleveland Tractor Company, The. (See Heller Julius, assignor.)
- Cleveland Trust Company, The. (See Cooper, James J., assignor.)
- Cleveland Trust Company, The. (See Gauger, Frank A., assignor.)
- Cleveland Trust Company, The. (See Hollman, P. I., and Hobson, assignors.)
- Cleveland Trust Company. (See Jardine, Frank, assignor.)
- Cleveland Trust Company, The. (See Moore, George L., assignor.)
- Cleveland Tungsten Manufacturing Company. (See Oberdick, Luther E., assignor.)
- Cleveland Welding Company, The. (See Mueller, Homer L., assignor.)
- Cleveland, William, New York, N. Y. Drapery hanger. 2,132,067; Oct. 4.
- Cleveland Worm and Gear Company, The. (See Acker, George H., assignor.)
- Clevenger, Jerry M., Maywood, Ill. Packing stabber. 2,117,149; May 10.
- Clevenger, Sherman, Cleveland, Ohio. Fire lighter. 2,105,522; Jan. 18.
- Clever, Alexander, assignor of fifty-one one-hundredths to MacDonald Engineering Company, Chicago, Ill. Bin bottom for concrete structures. 2,104,896; Jan. 11.
- Clewell, John H., Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Making ornamental plastic rods. 2,122,246; June 28.
- Click, Clyde, Sidney, Nebr. Tractor attachment. 2,134,438; Oct. 25.
- Clickner, Forest H. (See Riggs, L. K., and Clickner.)
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Substituted secondary amines as antioxidants for deteriorable organic compositions. 2,105,806; Jan. 18.
- Clifford, Albert M., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rubber composition and preserving rubber. 2,109,164; Feb. 22.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,120,547; June 14.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Making mercapto aryl thiazoles. 2,123,841; July 12.



- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,126,620; Aug. 9.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators. 2,129,525; Sept. 6.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preserving rubber. 2,133,779; Oct. 18.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,136,332; Nov. 8.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators. 2,140,258; Dec. 13.
- Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators of vulcanization. 2,140,259; Dec. 13.
- Clifford, Charles C., Maplewood, N. J. Memorandum holder. 2,108,526; Feb. 15.
- Clifford, Charles C., Maplewood, N. J. Stenographer's notebook and copy holder. 2,109,349; Feb. 22.
- Clifford, George E. (See Bradley, G. H., and Clifford.) Clifford Manufacturing Co. (See Clifford, Walter B., assignor.)
- Clifford, Patrick J., assignor to C. B. Lewis, Washington, D. C. Inhaler. 2,140,952; Dec. 20.
- Clifford, Roger W., Schenectady, assignor to American Locomotive Company, New York, N. Y. Valve gear for distribution valves of steam locomotives. 2,135,032; Nov. 1.
- Clifford, Walter B., assignor to Clifford Manufacturing Co., Boston, Mass. Thermostatic unit. 2,120,929; June 14.
- Cliffs Dow Chemical Company. (See Goos, Arthur W., assignor.)
- Clifton, Harry, and F. W. Whitehead, assignors to White-cliff Development and Manufacturing Company, Erie, Pa. Meter attachment. 2,117,653; May 17.
- Clifton, Reginald J., Glendale, Calif., assignor to The Texas Company, New York, N. Y. Plug for closing holes made in measuring thickness. 2,133,917; Oct. 18.
- Climax Machinery Company. (See Smith, Russell T., assignor.)
- Climax Molybdenum Company. (See Herzig, Alvin J., assignor.)
- Climax Molybdenum Company. (See Linz, Arthur, assignor.)
- Climax Rock Drill & Engineering Works Limited. (See Langdon, Alfred G., assignor.)
- Cline, Allan J. (See Dunlap, John A., assignor.)
- Cline, Earl E. (See Lofton, H. M., and Cline.)
- Cline, McGarvey, Jacksonville, Fla. Treating crude oleoresins. 2,140,511; Dec. 20.
- Cline, McGarvey, Jacksonville, Fla. Treating oleoresinous material. 2,140,512; Dec. 20.
- Cline, McGarvey, Jacksonville, Fla. Treating oleo resins and products resulting therefrom. 2,140,513; Dec. 20.
- Cline, McGarvey, Jacksonville, Fla. Treating pine oleoresins and products resulting therefrom. 2,140,514; Dec. 20.
- Cline, Thaddeus E., and R. E. Tipton, Denver, Colo. Motor mounting for pumps. 2,139,113; Dec. 6.
- Clinker, Lake E., Toledo, Ohio. Vehicle door latch handle structure. 2,117,943; May 17.
- Clinton, Harry D., Johnson City, N. Y. Twister spool. 2,130,265; Sept. 13.
- Clinton, Joseph A., Rocky Hill, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Electric switch. 2,114,871; Apr. 19.
- Clipper Belt Lacer Company. (See Diamond, James K., assignor.)
- Chithrow, William B., St. Helens, England, assignor to The American Securit Company, Wilmington, Del. Tempering of glass. 2,122,088; June 28.
- Clizbe, Floyd O., and V. Kelly, Chicago, Ill.; said Kelly assignor to said Clizbe. Spraying device. 2,105,903; Jan. 18.
- Clo, Jay H., Baldwin, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Air seal fitting. 2,112,519; Mar. 29.
- Clokey, Allison A., Rutherford, and G. S. Vernam, River Edge, N. J., assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Stock quotation board system. 2,137,603; Nov. 22.
- Clook, Fred W., Syracuse, N. Y. Tooth powder dispensing container. 2,141,379; Dec. 27.
- Clorius, Odin T., Copenhagen, Denmark. Evaporation meter. 2,107,628; Feb. 8.
- Clorox Chemical Co. (See Barton, Larry J., assignor.)
- Close, James A., Dubois, and S. R. Collins, Clearfield, Pa. Printing mechanism. 2,130,229; Sept. 13.
- Closmann, Adolf, assignor to the firm Atlas Ago, Chemische Fabrik A. G., Leipzig, Germany. Collar. 2,113,317; Apr. 5.
- Clothier, Henry W., Newcastle-upon-Tyne, assignor to A. Reyrolle & Company, Limited, Hebburn-upon-Tyne, England. Electric circuit breaker. 2,120,731; June 14.
- Cloud, Claude C., Chicago, Ill. Novelty. 2,125,424; Aug. 2.
- Cloud, Claude C., Chicago, Ill. Paper novelty. 2,127,808; Aug. 23.
- Cloud, William S., Wilmette, Ill. Folding apparatus. 2,128,076; Aug. 23.
- Cloudsley, John L., London, England. Variable speed power transmission mechanism. 2,112,763; Mar. 29.
- Clough, Bert E., Hammond, Ind. Lubricant atomizer. 2,113,506; Apr. 5.
- Clough, John L., Cincinnati, Ohio. Method and apparatus for washing dishes. 2,124,052; July 19.
- Clough, Newsome H., Brentwood, and E. Green, Whittle Mead, Whittle, Chelmsford, England, assignors to Radio Corporation of America. Carrier wave modulation system. 2,128,285; Aug. 30.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Brake. 2,109,940; Mar. 1.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Machine for making bolts. 2,139,936; Dec. 13.
- Cloutier, Arthur N. (See Lawson, R. H., and Cloutier.)
- Cluster, Franklin, Springfield, Oreg. Road building and reclamation machine. 2,140,105; Dec. 13.
- Clutsom, Charles, St. Michaels, Ashby-de-la-Zouch, England. Loom with stationary weft supplies. 2,130,636; Sept. 20.
- Clyde, Claude R., Grand Coulee, Wash. Glove stretcher. 2,123,523; July 12.
- Clyde Iron Works. (See McGiffert, J. R., and Berby, assignors.)
- Clyde Paper Company Limited. (See Inglis, John, assignor.)
- Clyne, James B., assignor to L. B. Grannis, Chicago, Ill. Vaporizer. 2,124,543; July 26.
- Coakley, William E., assignor to Pressed Steel Tank Company, Milwaukee, Wis. Metal container. 2,131,792; Oct. 4.
- Coakley, William E., assignor to Pressed Steel Tank Company, Milwaukee, Wis. Metal container. 2,132,722; Oct. 11.
- Coanda, Henri, Clichy, France. Motor. 2,131,472; Sept. 27.
- Coanda, Henri, Clichy, France, assignor to Société Anonyme d'Etudes des Brevets et Procédés Coanda-Société Coanda. Propelling device. 2,108,652; Feb. 15.
- Coast Machinery Company. (See Lacey, Wilbur E., assignor.)
- Coate, Herbert J., Erdington, Birmingham, assignor to The General Electric Company, Limited, London, England. Remote electric control system. 2,115,327; Apr. 26.
- Coates, Ray G., Pasadena, Calif. Cream remover. 2,124,053; July 19.
- Coates, William H., Montreal, Quebec, Canada. Paste dispenser. 2,110,868; Mar. 15.
- Coats, Edward O., assignor of one-half to H. B. Stratton, five-twentieths to C. Rucker, and five-twentieths to I. Coats, Warrensburg, Mo. Producing paint solutions from rubber. Re. 20,742; May 31.
- Coats, Irene, et al. (See Coats, Edward O., assignor.)
- Coats, J. & P., (Rhode Island) Incorporated. (See Morton, Charles, assignor.)
- Cobb, Boughton, Hewlett, assignor to The Esmond Mills, New York, N. Y. Fabric. 2,106,794; Feb. 1.
- Cobb, Henry Z., Providence, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for covering articles. 2,117,400; May 17.
- Cobb, Howard L., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Variable inductor. 2,137,392; Nov. 22.
- Cobb, James F., Portland, Oreg., assignor to Moore Dry Kiln Company of Oregon. Dry kiln and kiln drying. 2,124,845; July 26.
- Cobb, Lonnie E., Birmingham, Ala., assignor to Goslin-Birmingham Manufacturing Company, Inc. Filter drum construction. 2,134,703; Nov. 1.
- Cobb, Robert S. (See Moore, W. B., and Cobb.)
- Cobb, Vernor L., Hugo, Colo. Vehicle spring suspension. 2,117,401; May 17.
- Cobden, Philip E., et al. (See Kauffman, Jacob E., assignor.)
- Coberly, Carroll H., Denver, Colo. Clarifier. 2,110,462; Mar. 8.
- Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Governed fluid operated pump. 2,119,736; June 7.
- Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. System of operating fluid operated pumps. 2,119,737; June 7.
- Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Draining oil well tubing. 2,133,272; Oct. 18.
- Coberly, Clarence J., Los Angeles, assignor to Roko Corporation, Reno, Nev. Valve for fluid operated motors. 2,131,174; Oct. 25.
- Cobert, Joseph K., Sherbrooke, Quebec, Canada. Knitted fabric testing device. 2,117,402; May 17.
- Cobham, Alan J., Yapton, assignor to Flight Refueling Limited, London, England. Apparatus for refueling aircraft in the air. 2,133,648; July 12.
- Coble, Earl W. (See Johnson, Smith M., assignor.)
- Coburn, Kathryn M., Albany, N. Y. Winding device. 2,133,281; Oct. 18.
- Coca Cola Company, The. (See Morin, Louis H., assignor.)
- Coca Cola Company, The. (See Stout, George P., assignor.)



- Coca Cola Bottling Company. (See Port, William E., assignor.)
- Cocanour, John B., San Jose, Calif. Compressor. 2,127,550; Aug. 23.
- Cochran, C. B., et al. (See Vermillion, William O., assignor.)
- Cochran, Clyde E., assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Industrial truck. 2,114,165; Apr. 12.
- Cochran, John A., et al. (See Preston, Gerald H., assignor.)
- Cochran, Paul B., Parlin, and R. T. Hucks, South River, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing oil compositions. 2,120,089; June 7.
- Cochrane, Adam B., Elyria, assignor to Roberts-Gordon Appliance Corporation, Buffalo, N. Y. Gas control valve. 2,117,944; May 17.
- Cochrane, Bert G., Chicago, Ill., assignor to Casco Products Corporation, Bridgeport, Conn. Cigar lighter. 2,127,551; Aug. 23.
- Cochrane-Bly Company. (See Welch, William H., assignor.)
- Cochrane Corporation. (See Rohlin, Victor A., assignor.)
- Cochrane, John D., Jr., assignor to The Formica Insulation Company, Cincinnati, Ohio. Laminated product and manufacture. 2,118,549; May 24.
- Cockcroft, Burgess, Chicago, Ill. Device for washing automobiles. 2,132,459; Oct. 11.
- Cocke, Emory L., Atlanta, Ga. Food product and process of making. 2,126,947; Aug. 16.
- Cocke, Natalie B., et al. (See Brinkman, Louis H., assignor.)
- Cocker Machine and Foundry Company. (See Suggs, Thomas F., assignor.)
- Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Flame detector. 2,112,736; Mar. 29.
- Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Relay apparatus. 2,124,410; July 19.
- Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Frequency responsive relay. 2,139,489; Dec. 6.
- Cocks, George W., Upper Montclair, N. J., assignor to Marathon Paper Mills Company, Rothschild, Wis. Preparing and serving ice cream. 2,109,102; Feb. 22.
- Cocozella, Albert J. and A., Jr., Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for rotating screws. 2,126,735; Aug. 16.
- Cocozella, Anthony, Jr. (See Cocozella, Albert J. and A., Jr.)
- Coddington, Edwin D., Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y. Stud. 2,104,506; Jan. 4.
- Coddington, Edwin D., Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y. Joist. 2,112,480; Mar. 29.
- Coddington, Edwin D., Douglaston, Long Island, assignor to Reynolds Corporation, New York, N. Y. Joist suspension. 2,106,084; Jan. 18.
- Coddington, Edwin D., Douglaston, assignor to Reynolds Corporation, New York, N. Y. Apparatus for fabrication of composite structural members. 2,110,080; Mar. 1.
- Coddington, Edwin D., Douglaston, Long Island, assignor to Reynolds Corporation, New York, N. Y. Slab molding frame. 2,131,655; Sept. 27.
- Coddington, Howard O. (See Andrews, I., and Coddington.)
- Codwise, Philip W., Thorold, Ontario, Canada, assignor to Certain-Teed Products Corporation, New York, N. Y. Covering material and treating same. 2,119,480; May 31.
- Coe, Elbert H., Warners, N. Y. Building structure. 2,107,523; Feb. 8.
- Coe, Harrison S., Palo Alto, Calif. Ore leaching apparatus. 2,131,166; Sept. 27.
- Coe, John S., and W. M. Mulholland, assignors to The Chase Companies, Incorporated, Waterbury, Conn. Installing a tubular system. 2,121,558; June 21.
- Coe, Mary J. (See Knowles, James P., assignor.)
- Coe, Mayne R., Washington, D. C., assignor to the Government and the People of the United States of America. Curing and preserving plant products. 2,108,305; Feb. 15.
- Coe, Ray, Jeffersonville, Ohio. Restraining device for animals. 2,114,995; Apr. 26.
- Coe, Simeon M., Madison, assignor of one-half to H. Pease, Wauwatosa, Wis. Vaporizing medicaments and other materials. 2,111,206; Mar. 15.
- Coenen, Heinrich, Kohlscheid, Germany. Protective means for shoes. 2,141,345; Dec. 27.
- Coe, Stewart C., Glen Ridge, N. J. Spray eliminator. 2,136,003; Nov. 8.
- Coffee Products Corporation. (See Frommuller, D., and Boyles, assignors.)
- Coffield, Thomas N., Pittsburgh, Pa. Radiator core structure. 2,126,736; Aug. 16.
- Coffelt, Oscar T., Jackson, Mich., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Treatment of titanium ores. 2,138,090; Nov. 29.
- Coffey, George E., assignor to H. S. Russell, Chicago, Ill. Floor rack. 2,107,853; Feb. 8.
- Coffey, Irven E., Pine Lawn, Mo. Automatic fuel vaporizer and auxiliary fuel supply for internal combustion engines. 2,116,596; May 10.
- Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel supply device for internal combustion engines. 2,130,666; Sept. 20.
- Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor device. 2,139,355; Dec. 6.
- Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor structure. 2,139,356; Dec. 6.
- Coffey, James R., assignor to Louisville Drying Machinery Company, Incorporated, Louisville, Ky. Producing homogeneous casein. 2,112,558; Mar. 29.
- Coffey, Joseph H., Rhos-on-Sea, North Wales. Method and apparatus for making rubber articles. 2,109,190; Feb. 22.
- Coffey, Joseph H., Rhos-on-Sea, North Wales. Manufacture of rubber articles and compositions therefor. 2,139,724; Dec. 13.
- Coffey, Samuel, and N. H. Haddock, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of aniline derivatives. 2,118,493; May 24.
- Coffey, Samuel, and N. H. Haddock, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Mononitroalkylanilines, mononitroalkylacylanilides and derivatives thereof and their manufacture. 2,118,494; May 24.
- Coffey, Samuel, and N. H. Haddock, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Alkylanilinemonosulphonic acids and their manufacture. 2,118,495; May 24.
- Coffey, Samuel, Manchester, and J. E. Schofield, Huddersfield, England, assignors to Imperial Chemical Industries Limited. Bis (2,3-Hydroxy-naphthyl-m-amino-phenyl) urea. 2,140,495; Dec. 20.
- Coggans, Joseph, and R. Kelso, Glasgow, Scotland. Hair curler. 2,136,783; Nov. 15.
- Coggans, Joseph, and R. Kelso, Glasgow, Scotland. Hair curler. 2,138,905; Dec. 6.
- Coghill, James T., assignor, by mesne assignments, to The Noble & Wood Machine Co., Hoosick Falls, N. Y. Stuff treatment apparatus. 2,114,101; Apr. 12.
- Coghill, Robert W., New York, N. Y., assignor to Alco Products, Inc. Furnace construction. 2,121,537; June 21.
- Cogsdill, Stuart A., Detroit, Mich. Cutting tool. 2,138,727; Nov. 29.
- Cohan, Albert, et al. (See Money, Benjamin F., assignor.)
- Cohan, Edward A., et al. (See Dahlstrom, A., and Nelson, assignors.)
- Cohea, John R. (See Cohea, Wayne D. and J. R.)
- Cohea, Wayne D. and J. R., Frederick, Okla. Shaft straightener. 2,134,073; Oct. 25.
- Cohen, Abraham, Amsterdam, Netherlands. Shuttle for looms. 2,122,338; June 28.
- Cohen, Charles A. (See Mikeska, L. A., and Cohen.)
- Cohen, Charles A. (See Rosen, R., and Cohen.)
- Cohen, Charles A., Elizabeth, N. J., assignor to Standard Oil Development Company. Solvent extraction of olefines and diolefines from petroleum. 2,139,000; Dec. 6.
- Cohen, Edward, New York, N. Y. Shoe. 2,112,142; Mar. 22.
- Cohen, George G., Seattle, Wash. Mechanically operated magazine pencil. 2,130,230; Sept. 13.
- Cohen, Hilda, executrix. (See Gillett, Edward H. J. C.)
- Cohen, Hugh T. (See Smith, J. H., and Cohen.)
- Cohen, Hyman P., Chicago, Ill. Plate cooler. 2,122,879; July 5.
- Cohen, Irving H., assignor to Thermal Units Manufacturing Company, Chicago, Ill. Fan. 2,110,621; Mar. 8.
- Cohen, Jacob, New York, N. Y. Bathing suit. 2,120,173; June 7.
- Cohen, Jacob M., Washington, D. C. Cleansing and lubrication. 2,134,602; Oct. 25.
- Cohen, Joseph H., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar-lighter. 2,117,232; May 10.
- Cohen, Joseph H., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,117,703; May 17.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 2,121,317; June 21.
- Cohen, Joseph H., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,137,195; Nov. 15.
- Cohen, Joseph H., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,140,311; Dec. 13.
- Cohen, Julius, New York, N. Y. Buttermilk churn. 2,136,936; Nov. 15.
- Cohen, Louis, assignor to Longines-Wittnauer Co. Inc., New York, N. Y. Watchcase and dial therefor. 2,115,359; Apr. 26.
- Cohen, Max G. (See Young, Rex, assignor.)
- Cohen, Nathan B., Minneapolis, Minn. Heating apparatus. 2,109,900; Mar. 1.
- Cohen, Nathaniel, assignor to Stafast, Newark, N. J. Automobile fender cover. 2,119,072; May 31.
- Cohen, Rebecca, Brooklyn, N. Y. Book indicator. 2,136,490; Nov. 15.



- Cohen, Rodney S., et al. (See Brasher, William P., assignor.)
- Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Variable condenser. 2,105,878; Jan. 18.
- Cohen, Sol D., assignor to Paper Novelty Manufacturing Co., New York, N. Y. Reflector for incandescent electric lamps. 2,111,279; Mar. 15.
- Cohen, Sol D., assignor to Paper Novelty Manufacturing Co., New York, N. Y. Christmas tree ornament. 2,115,664; Apr. 26.
- Cohen, Theodore, New York, N. Y. Shirt collar band edge trimmer and notching machine. 2,127,326; Aug. 16.
- Cohn, Adolph H., assignor, by mesne assignments, to E. Karfiol, Great Neck, and L. A. Voltter, New York, N. Y. Ornamental product. 2,107,748; Feb. 8.
- Cohn, Alexander B., New York, N. Y. Interchangeable combination carrier and suitcase. 2,140,688; Dec. 20.
- Cohn, David J. (See Smith, H., and Cohn.)
- Cohn, Herman, Baltimore, Md. Collar bar. 2,130,459; Sept. 20.
- Cohn, Louis I., and A. J. Brinkman, assignors to Spiers Bedding Corporation, Philadelphia, Pa. Convertible article of furniture. 2,105,408; Jan. 11.
- Cohn & Rosenberger, Inc. (See Bangs, Ralph C., assignor.)
- Cohn & Rosenberger, Inc. (See Placco, Oscar F., assignor.)
- Cohn & Rosenberger, Inc., of Rhode Island. (See Bangs, Ralph C., assignor.)
- Cohn, Samuel, assignor to Samcoe Holding Corporation, New York, N. Y. Fabric feeding system. 2,130,118; Sept. 13.
- Cohn, Samuel, and J. G. Walter, assignors to Samcoe Holding Corporation, New York, N. Y. System for treating fabrics. 2,109,469; Mar. 1.
- Cohn, Sidney, St. Albans, N. Y. Pressing device. 2,123,402; July 12.
- Cohn, Sidney, assignor to Sigmund Cohn, New York, N. Y. Palladium nickel ruthenium alloy. 2,105,312; Jan. 11.
- Cohn, Sigmund. (See Cohn, Sidney, assignor.)
- Cohn, Benjamin J., assignor to Natalie Shades, Inc., New York, N. Y. Ornamental material. 2,117,240; May 10.
- Cohrs, Fred W., Calgary, Alberta, Canada. Gas burner. 2,104,317; Jan. 4.
- Coile, Benjamin F., assignor of one-half to P. Keller, Athens, Ga. Knitting machine. 2,120,796; June 14.
- Coin, George W., Manhattan, Kans. Air conditioning apparatus. 2,137,567; Nov. 22.
- Coith, Herbert S. (See Richardson, A. S., Coith, and Votaw.)
- Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Compositions of matter. 2,123,880; July 19.
- Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Shortening and making same. 2,132,393; Oct. 11.
- Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Shortening and making same. 2,132,394; Oct. 11.
- Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Cincinnati, Ohio. Compositions of matter. 2,132,395; Oct. 11.
- Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Baked goods and making same. 2,132,396; Oct. 11.
- Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Baked goods and making same. 2,132,397; Oct. 11.
- Coith, Herbert S., A. S. Richardson, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Shortening and making same. 2,132,398; Oct. 11.
- Colacello, Alfred A., et al. (See Bailey, John J., assignor.)
- Colbert, Lester H., Cleveland Heights, assignor to The Clark Controller Company, Cleveland, Ohio. Alternating-current-direct-current, dynamic breaking system for hoist motors. 2,110,906; Mar. 15.
- Colbert, Lester H., Cleveland Heights, assignor to The Clark Controller Company, Cleveland, Ohio. Electric control for power presses and the like. 2,133,161; Oct. 11.
- Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Separating petroleum emulsions. 2,114,651; Apr. 19.
- Colbeth, Ivor M., East Orange, N. J., assignor, to The Baker Castor Oil Company, New York, N. Y. Testing device for wetting agents. 2,121,423; June 21.
- Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Separating petroleum emulsions. 2,122,976; July 5.
- Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Treating vegetable and animal oils and product obtained thereby. 2,125,544; Aug. 2.
- Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Breaking emulsions. 2,126,368; Aug. 9.
- Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Fluid composition. 2,133,080; Oct. 11.
- Colburn, Beal E., Green Bay, Wis. Paper dispenser. 2,122,637; July 5.
- Colburn, Beal E., and F. M. Blahnik, Green Bay, Wis. Coin sorter. 2,141,950; Dec. 27.
- Colburn Engineering Corporation. (See Colburn, Herbert C., assignor.)
- Colburn, George H., Waltham, Mass. Lining implement. 2,137,333; Nov. 22.
- Colburn, Herbert C., South Pasadena, assignor to Colburn Engineering Corporation, Santa Monica, Calif. Internal combustion engine. 2,112,829; Apr. 5.
- Colburn, Thomas L., Los Angeles, Calif. Grating or abrading machine. 2,110,589; Mar. 8.
- Colby, Edward A., Maplewood, assignor to Baker & Company, Inc., Newark, N. J. Pertused electrode for electronic tubes. 2,136,610; Nov. 15.
- Colby, Edward A., Maplewood, N. J., assignor to Baker & Company, Inc. Pertused metal sheet. 2,138,625; Nov. 29.
- Colby, Elmer E., et al. (See White, Frank M., assignor.)
- Cold Metal Process Company, The. (See Montgomery, Alonzo B., assignor.)
- Coldwell, John S., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Roller skate. 2,104,536; Jan. 4.
- Coldwell, John S., and H. L. Zimmerman, assignors, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Roller skate. 2,117,704; May 17.
- Cole, Alfred R., Mountsorrel, England. Knitted fabric and the production thereof. 2,132,778; Oct. 11.
- Cole, Arthur B., Bloomfield, N. J. Soldering iron. 2,112,068; Mar. 22.
- Cole, Arthur D., Minneapolis, Minn. Damper control. 2,113,440; Apr. 5.
- Cole, Blanche B., Chanute, Kans. Scalp cooling device. 2,139,001; Dec. 6.
- Cole, Don, Evanston, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Ignition timing control. 2,109,103; Feb. 22.
- Cole, Don, Chicago, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,141,594; Dec. 27.
- Cole, Elmer K., Centralia, Mo. Cable clamp. 2,114,702; Apr. 19.
- Cole, Frank O., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Liquid fuel burning apparatus. 2,104,691; Jan. 4.
- Cole, Fred B., Portland, Ore. Milk bottle cap. 2,129,406; Sept. 6.
- Cole, Fred H., Oak Park, assignor to Delta-Star Electric Company, Chicago, Ill. Metal-clad switch-gear structure. 2,135,250; Nov. 1.
- Cole, George R., Port Huron, Mich. Sign painter's table. 2,121,140; June 21.
- Cole, Gerard M., assignor of one-half to C. H. Humes, Chicago, Ill. Power translating device. 2,120,126; June 7.
- Cole, Gordon M., and R. E. Cox, Corona, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Treating pectin. 2,109,792; Mar. 1.
- Cole, Howard S., Jr. (See Dickey, F. F., and Cole.)
- Cole, Howard W., Conyngham, Pa. Windshield defroster attaching and retaining means. 2,127,391; Aug. 16.
- Cole, James D., assignor to The Black & Decker Electric Company, Kent, Ohio. Vacuum cleaner. 2,116,233; May 3.
- Cole, John B., Baltimore, Md. Safety outlet device. 2,115,195; Apr. 26.
- Cole, Lyndon C., assignor to General Machinery Corporation, Hamilton, Ohio. Machine tool. 2,139,402; Dec. 6.
- Cole, Lyndon C., assignor to General Machinery Corporation, Hamilton, Ohio. Machine tool. 2,139,403; Dec. 6.
- Cole, Nelson E., assignor to The McKay Company, Pittsburgh, Pa. Chair. 2,141,262; Dec. 27.
- Cole, Paul M., Fort Lee, N. J. Computing scale. 2,140,984; Dec. 20.
- Cole, Raymond A. (See Belden, A. G., and Cole.)
- Cole, Raymond A., assignor to Norton Company, Worcester, Mass. Sizing apparatus for internal grinding machines. 2,121,729; June 21.
- Cole, Raymond A., assignor to Norton Company, Worcester, Mass. Grinding machine-work loading and driving mechanism. 2,121,730; June 21.
- Cole, Raymond A., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,137,644; Nov. 22.
- Cole, Rex, New York, N. Y. Health apparatus. 2,129,262; Sept. 6.
- Cole, Robert M., Bryn Athyn, Pa. Production of lithium from lead and sodium nitrate. 2,139,002; Dec. 6.
- Cole, Robert M., Bryn Athyn, Pa. Conversion of spent battery plate powders into lithium. 2,139,069; Dec. 6.
- Cole, Samuel F., Washington, D. C. Syringe. 2,129,675; Sept. 13.
- Colee, Donald D., assignor of one-half to R. H. Brauer, San Diego, Calif. Automatic indicator. 2,130,613; Sept. 20.
- Colegrove, Charles E. (See Toskey, C. M., Feeney, and Colegrove.)
- Collet, Richard, La Bergerie, Liancourt, France. Combustion chamber for internal combustion engines with ignition by compression. 2,118,341; May 24.



- Coleman, Alfred E., Corvallis, Oreg. Twin finger ring. 2,127,766; Aug. 23.
- Coleman, Alfred M., C. C. Bater, and G. A. Lee, London, England. Ready stowing and presenting for access of such articles as typewriters, sewing machines, or other apparatus. 2,136,275; Nov. 18.
- Coleman, Catharine B., Mount Clemens, Mich. Automobile ashtray. 2,119,267; May 31.
- Coleman, Chester A. (See Morgan, Charles, assignor.)
- Coleman, Claude H., Fairmead, Calif. Tempering gold and silver alloys. 2,127,676; Aug. 23.
- Coleman, Frank, Jr., Toronto, Ontario, Canada. Closure for collapsible tubes. 2,138,956; Dec. 6.
- Coleman, Gerald H. (See Britton, E. C., Coleman, and Berhenke.)
- Coleman, Gerald H. (See Britton, E. C., Coleman, and Moore.)
- Coleman, Gerald H. (See Britton, E. C., Coleman, and Perkins.)
- Coleman, Gerald H., B. C. Hadler, and E. C. Zuckerman, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of chloroform. 2,104,703; Jan. 4.
- Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Making esters of glycols. 2,115,905; May 3.
- Coleman, Gerald H., and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. Unsaturated esters of 2-chloroallyl alcohol. 2,127,660; Aug. 23.
- Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Hydroxy alkyl ethers of hydrogenated hydroxy diphenyl compounds. 2,130,525; Sept. 20.
- Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Diphenyl hydroxy alkyl ethers. 2,130,526; Sept. 20.
- Coleman, Gerald H., and J. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Hydroxy-alkyl ethers of hydroxy-diphenyl compounds. 2,130,527; Sept. 20.
- Coleman, Gerald H., and G. B. Stratton, assignors to The Dow Chemical Company, Midland, Mich. Chloro-aryl ethers of ethylene glycol. 2,130,990; Sept. 20.
- Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Household spray. 2,133,972; Oct. 25.
- Coleman, Gerald H., G. V. Moore, and G. B. Stratton, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride reaction product. 2,135,122; Nov. 1.
- Coleman, Gerald H., and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. 1,1-arloxy halo ethylenes. 2,135,123; Nov. 1.
- Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Stabilization of vinylidene chloride. 2,136,333; Nov. 8.
- Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Method of and compounds for controlling polymerization of vinylidene chloride. 2,136,334; Nov. 8.
- Coleman, James C., Magnet, Manitoba, Canada. Automobile extractor. 2,127,858; Aug. 23.
- Coleman, James O., South Gate, assignor of one-half to M. A. Gartner, Los Angeles, Calif. Gauge. 2,125,545; Aug. 2.
- Coleman, John S., Birmingham, Ala. Saw construction. 2,140,496; Dec. 20.
- Coleman Lamp and Stove Company, The. (See Newman, Robert E., assignor.)
- Coleman Lamp and Stove Company, The. (See Olds, Ambrose D., assignor.)
- Coleman Lamp and Stove Company, The. (See Tullis, Boyd W., assignor.)
- Coleman, Lysle R., McAllen, and G. L. Cowley, Alamo, Tex. Insecticidal oil. 2,105,856; Jan. 18.
- Coleman, Robert H., assignor of one-fourth to Ragan Knitting Company and one-fourth to Maurice Mills Company Inc., Thomasville, N. C. Strand feeding mechanism for knitting machines. 2,128,453; Aug. 30.
- Coleman, Sheldon, and B. W. Tullis, Wichita, Kans. Odor control for liquid fuel burning stoves. 2,106,690; Jan. 25.
- Coleman, William B., Bloomfield, N. J., assignor to Congoleum-Nairn Inc. Adhesive composition and a covering structure having an adhesive coating. 2,116,341; May 3.
- Colen, Bernard D. (See Golod, M., assignor and Kantrowitz.)
- Coles, Harold W. (See Lott, W. O., and Coles.)
- Coles, Walter H., and B. J. Nelson, assignors to The Skinner Irrigation Company, Troy, Ohio. Irrigation device. 2,108,787; Feb. 22.
- Coles, Walter H., and B. J. Nelson, assignors to The Skinner Irrigation Company, Troy, Ohio. Irrigation device. 2,131,271; Sept. 27.
- Colgan, Francis P. (See Strand, E. T., and Colgan.)
- Colgate-Palmolive-Peet Company. (See Epstein, A. K., and Harris, assignors.)
- Colgate-Palmolive-Peet Company. (See Hall, Robert A., assignor.)
- Colgate-Palmolive-Peet Company. (See Harris, Benjamin R., assignor.)
- Colgate-Palmolive-Peet Company. (See Ittner, Martin H., assignor.)
- Colgate-Palmolive-Peet Company. (See Muncie, Fred W., assignor.)
- Colgin, Saladine E., Dallas, Tex. Smoke flavoring condiment. 2,129,047; Sept. 6.
- Colie, Claud C., Bloomington, Ill. Sign. 2,125,488; Aug. 2.
- Colihan, Thomas J., Girardville, Pa. Draft regulator. 2,127,288; Aug. 16.
- Colin, Leon J., Tarentum, Pa. Fur drying rack. 2,122,770; July 5.
- Colin, Ray J., Chicago, Ill. Script timing device. 2,116,507; May 10.
- Collar, George D., Glenside, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Measuring and cutting attachment for sewing machines. 2,140,416; Dec. 13.
- Collard, Saby G., Coon Rapids, Iowa. Obstetrical chair. 2,104,830; Jan. 11.
- Collender, Gustave A., Los Angeles, Calif. Land vehicle. 2,139,937; Dec. 13.
- Collens, Campbell W., New Orleans, La. Citrus fruit knife and seed extractor. 2,130,949; Sept. 20.
- Collens, William S., N. D. Wilensky, and S. A. Kroll, Brooklyn, assignors to U. M. A. Inc., New York, N. Y. Method of and apparatus for producing intermittent venous occlusion. 2,140,898; Dec. 20.
- Coller, Claude C., et al. (See Kriegsfield, Louis, assignor.)
- Colley, George F., assignor to Merchants and Manufacturers Inc., Jacksonville, Fla. Tire valve tool. 2,123,524; July 12.
- Colley, George F., assignor to Merchants and Manufacturers Inc., Jacksonville, Fla. Guard or shield for vehicles. 2,142,069; Dec. 27.
- Collier-Keyworth Company. (See Bancroft, Raymond W., assignor.)
- Collier-Keyworth Company. (See Sheldrick, Henry W., assignor.)
- Collier, Simon, Waukegan, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Plug insert for friction element and making the same. 2,120,548; June 14.
- Colliery Engineering Limited. (See Ridley, Frank F., assignor.)
- Collin, Francis E., Santa Monica, assignor to A. D. Gage, Pasadena, Calif. Stamp display mount. 2,127,677; Aug. 23.
- Colling, Joseph G. (See Ferrel, C., and Colling.)
- Collingham, Robert H., Rugby, England, assignor to General Electric Company. Elastic fluid governing mechanism. 2,116,385; May 3.
- Collings, Rupert H. P., Liskeard, Cornwall, England, assignor to Radio Corporation of America. Voltage measuring and indicating device. 2,125,992; Aug. 9.
- Collings, William R., assignor to The Dow Chemical Company, Midland, Mich. Cellulose ether recovery. 2,121,731; June 21.
- Collings, William R., assignor to The Dow Chemical Company, Midland, Mich. Cellulose ether recovery. 2,121,732; June 21.
- Collings, William R., and T. A. Kauppi, assignors to The Dow Chemical Company, Midland, Mich. Purification of cellulose ethers. 2,138,757; Nov. 29.
- Collins & Aikman Corporation. (See Bird, Whitworth F., assignor.)
- Collins & Aikman Corporation. (See Bird, W. F., and Hewton, assignors.)
- Collins & Aikman Corporation. (See Brooks, John C., assignor.)
- Collins & Aikman Corporation. (See Castles, Eugene F., assignor.)
- Collins & Aikman Corporation. (See Drobile, Albert W., assignor.)
- Collins & Aikman Corporation. (See Hewton, William R., assignor.)
- Collins & Aikman Corporation. (See Hiers, Glen S., assignor.)
- Collins & Aikman Corporation. (See Kaufman, Frank M., assignor.)
- Collins & Aikman Corporation. (See Kubicky, Joseph, assignor.)
- Collins & Aikman Corporation. (See McCullough, Willis G., assignor.)
- Collins, Arnold M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Products and producing same. 2,109,968; Mar. 1.
- Collins, Arthur E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for applying decorative strips to sheet material. 2,135,385; Nov. 1.
- Collins, Cap B., Washington, D. C. Portable electric light. 2,105,719; Jan. 18.
- Collins, Charles B., San Anselmo, Calif. Hoist. 2,122,908; July 5.
- Collins, Charles B., Anselmo, Calif. Elevator. 2,134,859; Nov. 1.
- Collins, Charles D., assignor to American Cyanamid Company, New York, N. Y. Pump duster. 2,137,526; Nov. 22.
- Collins, Douglas, Salisbury, N. C. Engine starting device. 2,108,579; Feb. 15.
- Collins, Douglas, Salisbury, N. C. Exhaust-gas injector. 2,119,268; May 31.
- Collins, Douglas, Salisbury, N. C. Clutch. 2,133,739; Oct. 18.
- Collins, Douglas, Salisbury, N. C. Auxiliary control for hydraulic brakes. 2,136,276; Nov. 8.
- Collins, Earl P. (See Baer, J. M., and Collins.)



- Collins, Edward, 3rd., Philadelphia, Pa. Thermostat for electric circuits. 2,127,159; Aug. 16.
- Collins, Frank P., et al. (See Anthony, Jack, assignor.)
- Collins, George F., et al. (See Bickenheuser, Frank J., assignor.)
- Collins, Harry L., Dover, assignor to The Hoover Company, North Canton, Ohio. Radio interference eliminator for electrical appliances. 2,114,102; Apr. 12.
- Collins, Henry H., Bryn Mawr, Pa. Utility plate. Re. 20,934; Dec. 6.
- Collins, Howard W. (See Slayter, G., and Collins.)
- Collins, Howard W., assignor, by mesne assignments, to The Ingleside Company, Newark, Ohio. Insulated wall. 2,140,689; Dec. 20.
- Collins, James G., assignor to Atlas Press Company, Kalamazoo, Mich. Circular saw. 2,121,069; June 21.
- Collins, James L. (See Stahl, Albert L., assignor.)
- Collins, Jefferson M., Richmond, Va. Garment hanger. 2,138,957; Dec. 6.
- Collins, John, Mound, and S. M. Wright, Wayzata, Minn. Snow plow attachment. 2,139,328; Dec. 6.
- Collins, John J., et al. (See Johnson, Paul W., assignor.)
- Collins, John J., San Francisco, Calif. Toy. 2,131,550; Sept. 27.
- Collins, John O. (See Wells, A. A., and Collins.)
- Collins, Joseph L. (See Robinson, P., and Collins.)
- Collins, Milford E., Collingswood, N. J., assignor to Radio Corporation of America. Focusing device. 2,139,222; Dec. 6.
- Collins Radio Company. (See Wirkler, Walter H., assignor.)
- Collins, Richard, et al. (See Hönig, Heinrich, assignor.)
- Collins, Samuel B., Bayonne, N. J. Making imitation tile. 2,137,238; Nov. 22.
- Collins, Sidney R. (See Close, J. A., and Collins.)
- Collins, Truman W., et al. (See Walters, A. L., and Hendrick, assignors.)
- Collins, William B., and W. W. Boggs, Los Angeles, Calif. Valve. 2,130,614; Sept. 20.
- Collins, William H., Houston, Tex. Determining drilling fluid characteristics. 2,132,015; Oct. 4.
- Collis Company, The. (See Considine, Robert P., assignor.)
- Collis, Raymond E., Summit, N. J., and O. Myers, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Line overflow recorder. 2,115,801; May 3.
- Collison, Edward E., and E. Nyman, Fort Wayne, Ind. Speed changing device for phonograph turntables. 2,106,722; Feb. 1.
- Collison, Robert W., Takoma Park, Md. Quick closing and sealing valve. 2,106,723; Feb. 1.
- Collison, Robert W., Takoma Park, Md. Closure operator and lock. 2,113,573; Apr. 12.
- Collison, William J., Bakersfield, Calif. Flush tank with outlet siphon. 2,120,856; June 14.
- Colloid Corporation. (See Wynn, Samuel J., assignor.)
- Colford, George L., Pittsburgh, Pa. Concentrating ores. 2,134,103; Oct. 25.
- Colman, Howard D. (See Drake, George F., assignor.)
- Colman, Howard D. (See Lilja, Edgar D., assignor.)
- Colman, Howard D., Rockford, Ill. Self-adjusting brake. 2,106,167; Jan. 25.
- Colman, Howard D., Rockford, Ill. Self-adjusting hydraulic brake. 2,130,875; Sept. 20.
- Colmes, Benjamin S. (See Friedman, A., and Coines.)
- Colombo, Walter M., Springfield, N. J. Liquid measuring and dispensing device. 2,121,424; June 21.
- Colomy, Roy H., Springdale, assignor of twenty-five percent to C. W. Olson, Darien, Conn. Paper clip. 2,129,160; Sept. 6.
- Colonial Broach Company. (See Halborg, Carl J., assignor.)
- Colonial Broach Company. (See Hart, William A., assignor.)
- Colonial Broach Company. (See Thompson, Richard A., assignor.)
- Colonial Brooch Company. (See Hart, William A., assignor.)
- Colonial Radio Corporation. (See Cutting, F., and Gates, assignors.)
- Colonial Radio Corporation. (See Forbes, Henry C., assignor.)
- Colonius, Herbert, Dusseldorf, and F. Welde, Dusseldorf-Benrath, assignors to Henkel & Cie G. m. b. H., Dusseldorf-Holthausen, Germany. Bleaching, washing, and cleansing compositions. 2,121,952; June 28.
- Colonna, John O., Kansas City, Mo. Processing of ornamental stone. 2,120,486; June 14.
- Colony, Myron W., Los Angeles, Calif., assignor to Petroleum Conversion Corporation, New York, N. Y. Converting hydrocarbons in the vapor phase. 2,107,235; Feb. 1.
- Coloray Corporation, The. (See MacDonald, Archibald H., assignor.)
- Colorgraph Corporation. (See Lee, Albert P., assignor.)
- Colquhoun, Cecil B. H., London, England. Ventilating plant. 2,109,818; Mar. 1.
- Colson Corporation, The. (See Johnson, Wilfred G., assignor.)
- Colson Corporation, The. (See Roe, M. E., and Adams, assignors.)
- Colson Corporation, The. (See Roe, William C. and M. E.)
- Colson, Roger L., Glendale, Calif., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Shuttlecock. 2,133,684; Oct. 18.
- Colston, Robert, Chicago, Ill., assignor to J. M. Hopwood, Dormont, Pa. Control system for furnaces. 2,104,221; Jan. 4.
- Colt, George H., London, England. Squash-racket court and the like. 2,107,141; Feb. 1.
- Colt, Rutger B. (See Chappell, R. R., and Colt.)
- Colt, Rutger B. (See Chappell, R. R., McCormack, and Colt.)
- Colt, Samuel S., West Orange, N. J. Reinforcement supporting means for concrete forms. 2,114,590; Apr. 19.
- Colt, Samuel S., Orange, N. J. Concrete form tie. 2,116,597; May 10.
- Coltof, Willem. (See Langedijk, S. L., and Coltof.)
- Coltof, Willem. (See Van Peski, A. J., and Coltof.)
- Colton, Alpha F., Ashland, Ohio. Automatic justifying apparatus. 2,133,973; Oct. 25.
- Colton, Henry S., Shaker Heights, Ohio. Making zinc compound from galvanizer's waste. 2,131,312; Sept. 27.
- Colton, Henry S., Shaker Heights, Ohio. Making zinc pigment. 2,131,313; Sept. 27.
- Colt's Patent Fire Arms Manufacturing Co. (See Chico, R., Porter, and Webb.)
- Colt's Patent Fire Arms Manufacturing Company. (See Christensen, Paul M., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Clinton, Joseph A., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Conner, Benjamin F., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Conner, B. F., and Schmalz, assignors.)
- Colt's Patent Fire Arms Manufacturing Co. (See Moore, Frederick T., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Sachs, Joseph, assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Schmalz, William F., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Swartz, William L., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Webb, George, assignor.)
- Colucci, Giovanni, Wilmington, N. C. Plywood. 2,139,880; Dec. 13.
- Colucci, Nicholas A., Rochester, N. Y. Freewheeling clutch. 2,106,049; Jan. 18.
- Columbia Carburetor Company. (See Baker, Arthur R., assignor.)
- Columbia Finance Co. (See Wren, Charles F., assignor.)
- Columbia Mills, Inc. (See Reynolds, Francis B., assignor.)
- Columbia Pictures Corporation of California, Ltd. (See Goossón, Stephen, assignor.)
- Columbia Steel Casting Company. (See Tamerlane, Rex L., assignor.)
- Columbian Carbon Company. (See Hunter, Howard J., assignor.)
- Columbian Iron Works. (See Lofton, H. M., and Cline, assignors.)
- Columbian Rope Company. (See Bowen, Kenneth H., assignor.)
- Columbian Rope Company. (See Bowen, K. H., and Carlson, assignors.)
- Columbian Rope Company. (See Kinnear, Henry, and E. H., Jr., assignors.)
- Columbian Vise & Manufacturing Company, The. (See Tramsak, John, assignor.)
- Columbus Auto Parts Company, The. (See Flumerfelt, William A., assignor.)
- Columbus Dental Manufacturing Company, The. (See Evans, David E., assignor.)
- Columbus McKinnon Chain Corporation. (See Stahl, Frank E., assignor.)
- Columbus McKinnon Chain Corporation. (See Stahl, F. E., and Kieffer, assignors.)
- Columbus Mills, Inc., The. (See Burns, Fred J., assignor.)
- Colvin, Charles H., Point Pleasant Beach, N. J. Aircraft navigating instrument. 2,116,508; May 10.
- Colvin, Ella F., et al., executrices. (See Colvin, William, Jr.)
- Colvin, Henry F., assignor to The Sillcocke-Miller Company, South Orange, N. J. Decorated article and making same. 2,133,081; Oct. 11.
- Colvin, Noland D. (See Coules, W. J., and Colvin.)
- Colvin, William, Jr., Troy, N. Y. Rug or carpet. 2,107,598; Feb. 8.
- Colvin, William, Jr., deceased, Troy, E. F. Colvin and R. E. Sharpe, executrices, assignors to P. Gayne, New York, N. Y. Aeroplane. 2,108,041; Feb. 15.
- Colvin, William, Jr., deceased, Troy, N. Y.; E. F. Colvin and R. E. Sharpe, executrices, assignor, by mesne assignments, to Colvinex Corporation. Roof. 2,140,220; Dec. 13.
- Colvinex Corporation. (See Colvin, William, Jr., assignor.)
- Colwell, Harold. (See Harr, H. E., and Colwell.)
- Colwell, Harry R., Kittingham, Pa. Method and apparatus for shortening bridge structural members or the like. 2,125,220; July 26.
- Comahan, Incorporated. (See Corser, Lawrence B., assignor.)



- Comas Cigarette Machine Company. (See Hackler, Bertram M., assignor.)
- Combarette, Gervais B., Thizy, France. Linen folding machine. 2,130,733; Sept. 20.
- Combs, William J., and O. O. Mann, Otterbein, Ind. Support. 2,123,329; July 12.
- Combustion Engineering Company. (See Crites, Joe, assignor.)
- Combustion Engineering Company. (See Jackson, George P., assignor.)
- Combustion Engineering Company. (See O'Mara, Richard F., assignor.)
- Combustion Engineering Company. (See Smith, Alfred R., assignor.)
- Combustion Engineering Company. (See Toensfeldt, Kurt, assignor.)
- Combustion Engineering Company. (See Wood, Wilfred R., assignor.)
- Combustion Utilities Corporation. (See Brandegee, M. M., and Hemminger, assignors.)
- Combustion Utilities Corporation. (See Johnson, Alfred, assignor.)
- Comet Trailer Corporation. (See Carpenter, Arley D., assignor.)
- Comino, Demetrius, London, England. Gauge device. 2,138,293; Nov. 29.
- Comins, Harold N., Wakefield, Mass. Metallic packing. 2,131,272; Sept. 27.
- Commander, C. C., et al. (See Holzcker, Richard, assignor.)
- Commercial Cable Company, The. (See Connery, Alder F., assignor.)
- Commercial Ingredients Corporation. (See Lebedenko, N., Naphtali, Kroll, and Meyer, assignors.)
- Commercial Shearing & Stamping Company, The. (See Cushman, Charles B., assignor.)
- Commercial Solvents Corporation. (See Arzberger, Cornelius F., assignor.)
- Commercial Solvents Corporation. (See Bogin, Charles, assignor.)
- Commercial Solvents Corporation. (See Boroughs, Eugene J., assignor.)
- Commercial Solvents Corporation. (See Carnarius, E. H., and McCutchan, assignors.)
- Commercial Solvents Corporation. (See Legg, D. A., and Stiles, assignors.)
- Commercial Solvents Corporation. (See Legg, D. A., and Tarvin, assignors.)
- Commercial Solvents Corporation. (See Legg, D. A., and Walton, assignors.)
- Commercial Solvents Corporation. (See Lippincott, Samuel B., assignor.)
- Commercial Solvents Corporation. (See McCoy, Elizabeth F., assignor.)
- Commercial Solvents Corporation. (See Morey, Glen H., assignor.)
- Commercial Solvents Corporation. (See Müller, John, assignor.)
- Commercial Solvents Corporation. (See Wampner, Herbert L., assignor.)
- Commercial Solvents Corporation. (See Watts, Cecil E., assignor.)
- Commonwealth Edison Company. (See Johnstone, H. F., and Singh, assignors.)
- Commonwealth Edison Company. (See Johnstone, Henry F., assignor.)
- Commonwealth Edison Company. (See Singh, Alamjit D., assignor.)
- Commonwealth Engineering Corporation. (See Toulmin, Harry A., Jr., assignor.)
- Commonwealth Manufacturing Company, The. (See Bollman, Roland R., assignor.)
- Communication Patents, Inc. (See Nicolson, Alexander M., assignor.)
- Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue. (See Gadeau, Robert A., assignor.)
- Compagnie des Avions Hanriot. (See Girard, René, assignor.)
- Compagnie des Forges et Acieries de la Marine et d'Homecourt. (See Granat, Elie, assignor.)
- Compagnie des Metaux d'Overpelt-Lommel et de Corphalie Société Anonyme. (See Fassotte, A. D. H. L., and Favre, assignors.)
- Compagnie des Produits Chimiques et Charbons Actifs Edouard Urbain. (See Post, Ferdinand C., assignor.)
- Compagnie Generale d'Electricite. (See Benit, Henri, assignor.)
- Compagnie Generale d'Electricite. (See Domenach, Louis, assignor.)
- Compagnie Generale de Telegraphie sans Fil. (See Belleville, Paul, assignor.)
- Compagnie Generale de Telegraphie sans Fil. (See Chauveau, Louis L. E., assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Chiroux, Henri, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Goudet, Hugues, assignor.)
- Compagnie Generale de Telegraphie sans Fil. (See Goudet, H., and Sènaème, assignors.)
- Compagnie Generale de Telegraphie Sans Fil. (See Gutton, H., and Warnecke, assignors.)
- Compagnie Generale de Telegraphie Sans Fil. (See Odartchenko, Serge, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Ponte, M., and Elie, assignors.)
- Compagnie Generale de Telegraphie Sans Fil. (See Rocard, Yves, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Warnecke, Robert, assignor.)
- Compagnie Lorraine de Charbons pour l'Electricité. (See Parisot, Jean, assignor.)
- Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann. (See Butignot, André, assignor.)
- Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Réunies Etablissements Kuhlmann. (See Kopp, Georges, assignor.)
- Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Réunies Etablissements Kuhlmann. (See Mirocourt, H., and Jirou, assignors.)
- Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann. (See Petitcolas, Pierre, assignor.)
- Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann. (See Petitcolas, P., and Sureau, assignors.)
- Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Bathélemy, René, assignor.)
- Compania Fundadora Fotoliptofono, Sociedad Anonima. (See Crudo, F., and Svanholm, assignors.)
- Comper, Adrian, Pittsfield, Mass., and M. T. MacEachern, Chicago, Ill., assignors to Hospital Appliances, Inc., Pittsfield, Mass. Obstetrical or similar bed. 2,120,732; June 14.
- Compo, John J., Defiance, Ohio. Muffler clamp. 2,106,628; Jan. 25.
- Compo, Robert W., Defiance, Ohio. Muffler. 2,113,828; Apr. 12.
- Compo Shoe Machinery Corporation. (See Card, William C., Jr., assignor.)
- Compo Shoe Machinery Corporation. (See Cuthbert, Thomas J., assignor.)
- Compo Shoe Machinery Corporation. (See Damon, Isaac F., assignor.)
- Compo Shoe Machinery Corporation. (See Holland, Friedrich, assignor.)
- Compo Shoe Machinery Corporation. (See Small, Edward F., assignor.)
- Compo Shoe Machinery Corporation. (See Smith, John F., assignor.)
- Compton, Bates, Vincentown, N. J. Sign. 2,109,330; Feb. 22.
- Compton, Frank A., Jr., Wesleyville, Pa., assignor to General Electric Company. Winding dynamo-electric machines. 2,115,570; Apr. 26.
- Compton, George C. (See Eckenrode, Mark, assignor.)
- Compton, Otis F., Nebraska City, Nebr. Brake. 2,111,755; Mar. 22.
- Compton, W. H., Shear Company, The. (See Dalley, Charles J., assignor.)
- Comrie, Andrew W., Miami, Fla. Navigational instrument. 2,108,042; Feb. 15.
- Comstock, Gregory J., Fairfield, Conn. Producing hard cemented carbide composites. 2,108,797; Feb. 22.
- Comstock, Gregory J., Fairfield, assignor to Handy & Harman, Bridgeport, Conn. Manufacture of articles from powdered materials. 2,126,737; Aug. 16.
- Comstock, James A., assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio. Adjustable voltage transformer. 2,126,174; Aug. 9.
- Comstock, John A., assignor to Illinois Tool Works, Chicago, Ill. Method and apparatus for producing neutral atmosphere in heat treating furnaces. 2,124,764; July 26.
- Comstock, John S., Hollywood, Calif. Coffee infusion apparatus. 2,139,881; Dec. 13.
- Conant, Arthur P., Fort Thomas, assignor to Decometal Incorporated, Dayton, Ky. Compact. 2,141,031; Dec. 20.
- Conant, William H., Scarsdale, N. Y. Dictating machine and system. 2,109,468; Mar. 1.
- Conaway, Rollin F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose process. 2,104,849; Jan. 11.
- Conbole, Joseph A., San Francisco, Calif. Air conditioned sleeping cabinet. 2,104,024; Jan. 4.
- Condé, Loie, assignor to Mueller Co., Decatur, Ill. Flow increaser for pressure reducing valves. 2,113,108; Apr. 5.
- Condelex, S. A. (See Hollenweger, Hans H., assignor.)
- Condenser Corporation of America. (See Baer, John W., assignor.)
- Condenser Corporation of America. (See Di Giacomo, Aniello, assignor.)
- Condit, Sears B., Boston, assignor to The Chase-Shawmut Company, Newburyport, Mass. Glass top plug fuse. 2,104,850; Jan. 11.
- Condliffe, George E. (See Shoenberg, I., Condliffe, and Tedham.)
- Condon, Edward T. (See Rogers, Clarence T., assignor.)
- Condon, Edward T., New York, N. Y. Automobile signal switch. 2,112,331; Mar. 29.
- Condon, Edward T., New York, N. Y. Autocollimating signal device. 2,113,829; Apr. 12.



- Condon, Edward T., New York, N. Y. Luggage rack for automobiles. 2,133,427; Oct. 18.
- Condon, Robert S., assignor to Gleason Works, Rochester, N. Y. Machine for finishing gears. 2,111,170; Mar. 15.
- Condor Products, Inc. (See Knoll, Floyd A., assignor.)
- Condra, Elmo L., Long Beach, Calif. Pressure bailer. 2,104,942; Jan. 11.
- Cone Automatic Machine Company. (See Miller, Carroll E., assignor.)
- Cone, Curtis O., assignor to Crawford Manufacturing Company, Inc., Richmond, Va. Clamping device. 2,120,018; June 7.
- Cone, Carroll, Alton, Ill., assignor to Owens-Illinois Glass Company. Method of and apparatus for decorating bottles and like articles. 2,132,818; Oct. 11.
- Cone, Carroll, near Toledo, assignor to Surface Combustion Corporation, Toledo, Ohio. Firing apparatus for furnaces. 2,140,785; Dec. 20.
- Cone, Carroll, near Toledo, assignor to Surface Combustion Corporation, Toledo, Ohio. Glass annealing Lehr. 2,140,786; Dec. 20.
- Cone, Charles N., assignor to M and M Plywood Corporation, Portland, Oreg. Glue and process of manufacture therefor. 2,135,745; Nov. 8.
- Cone, Frank L., deceased, R. H. Cone, H. P. Chaplin, and H. P. McClary, Windsor, Vt., executors. Multiple spindle automatic lathe. 2,114,177; Apr. 12.
- Cone, Ralph R., Chicago, Ill., assignor to H. Milbank, New York, N. Y. Fabric. 2,121,285; June 21.
- Cone, Raymond H., et al. executors. (See Cone, Frank L.)
- Conery, William J., and A. Nelson, San Jose, Calif. Fluid pressure system. 2,135,962; Nov. 8.
- Coney, Donald I., Detroit, Mich., assignor to N. M. Seeburg, Chicago, Ill. Phonograph. 2,125,100; July 26.
- Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,107,026; Feb. 1.
- Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,135,276; Nov. 1.
- Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Cover or shield for garment hangers. 2,135,277; Nov. 1.
- Conforti, Samuel S., assignor of one-half to S. Di Antoni, Kenosha, Wis. Combination lamp, heater, and fan. 2,133,188; Oct. 11.
- Congoleum-Nairn, Inc. (See Beegle, F. M., and Andrews, assignors.)
- Congoleum-Nairn, Inc. (See Bonney, R. D., and Egge, assignors.)
- Congoleum-Nairn Inc. (See Coleman, William B., assignor.)
- Congoleum-Nairn Inc. (See Farr, Walter G., assignor.)
- Conill, Fernan O., New York, N. Y. Apparatus for the waving of the hair. Re. 20,839; Aug. 30.
- Conkle, Samuel F., Columbus, Ohio. Sheet metal bending tool. 2,123,715; July 12.
- Conklin, Ancil B., Galveston, Tex. Core taker for rotary drills. 2,140,417; Dec. 13.
- Conklin, Frederick R. (See Gordon, J. J., and Conklin.)
- Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Line resonator. 2,104,554; Jan. 4.
- Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,114,333; Apr. 19.
- Conklin, James W., Rocky Point, and C. W. Hansell, Port Jefferson, N. Y., assignors to Radio Corporation of America. Frequency control line and circuit. 2,124,029; July 19.
- Conklin, Laron R. (See Means, J. Z., Conklin, and Conway.)
- Conklin, Oliver E., Parlin, N. J., assignor to du Pont Film Manufacturing Corp., Inc., New York, N. Y. Holder for sensitized elements. 2,140,515; Dec. 20.
- Conklin, Roscoe D., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Pressure fluid engine. 2,114,334; Apr. 19.
- Conklin, Roscoe D., Rahway, assignor to National Pneumatic Company, New York, N. Y. Combined motor mechanism and control switch therefor. 2,130,764; Sept. 20.
- Conklin, Vernon A., Whittier, Calif. Hair curler. 2,111,171; Mar. 15.
- Conkling, Samuel G., Brooklyn, N. Y. Shock absorber. 2,121,339; June 21.
- Conley, Arthur W., Shaker Heights, assignor to The Corozone Air Conditioning Corporation, Cleveland, Ohio. Air conditioning device. 2,140,618; Dec. 20.
- Conn, C. G., Ltd. (See Loomis, Allen, assignor.)
- Connar Products Corporation. (See Konoff, Alexander, assignor.)
- Conn, C. G., Ltd. (See Platz, Ford D., assignor.)
- Conn, Chester J., Smithtown Branch, N. Y. Method of and apparatus for treating food products. 2,130,041; Nov. 8.
- Conn, Wallace T., Lawrence, Mass., assignor to the Government of the United States, represented by the Secretary of Commerce. Preservative process for vegetable fibers. 2,119,235; June 7.
- Connecticut Electric Manufacturing Co., The. (See Cook, H. J., and Fitzgerald, assignors.)
- Connecticut Hard Rubber Company. (See Vallé, Paul B., assignor.)
- Connell, Edwin L., Cleveland Heights, Ohio. Clutch mechanism. 2,111,280; Mar. 15.
- Connell, George A. (See Cramer, T. M., and Connell.)
- Connell, William H., Hillingdon, assignor to Electric & Musical Industries Limited, Middlesex, England. Wireless and like receiver. 2,135,561; Nov. 8.
- Connolly, George F., San Francisco, assignor to The Capital National Bank, Sacramento, Calif. Tire tread splitting apparatus. Re. 20,711; May 3.
- Connolly, Gerald L., Mount Vernon, N. Y., assignor to Dextdale Hosiery Mills, Lansdale, Pa. Display device. 2,125,045; July 26.
- Connolly, James M., Pontiac, assignor to Detroit Paper Products Corporation, Detroit, Mich. Cabinet construction. 2,123,403; July 12.
- Connolly, Joseph C. V., et al. (See Foster, Robert J., assignor.)
- Connolly, Joseph L. (See Staud, C. J., ad Connolly.)
- Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Cotton dispensing container. 2,114,872; Apr. 19.
- Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Jar. 2,121,382; June 21.
- Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Cosmetic container. 2,121,383; June 21.
- Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,124,873; July 26.
- Conner, Benjamin F., West Hartford, and W. F. Schmalz, Rockville, assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,124,874; July 26.
- Conner, Charles, Chicago, Ill. Tool for conditioning and applying plastic bonding materials. 2,114,703; Apr. 19.
- Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container and manufacture thereof. 2,114,137; Apr. 12.
- Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container. 2,120,487; June 14.
- Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container. 2,121,953; June 28.
- Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Adjusting device. 2,130,679; Sept. 20.
- Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container closure. 2,137,076; Nov. 15.
- Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container and dispensing device therefor. 2,138,060; Nov. 29.
- Conner, Hugh B., and A. Olson, Osage, Iowa. Foot feed attachment for sewing machines. 2,130,266; Sept. 13.
- Conner, James E. (See Smith, C. H., and Conner.)
- Conner, Jess J., Burwell, Nebr. Cleat fastener means. 2,137,713; Nov. 22.
- Conner, Julian B., Corpus Christi, Tex. Well rig elevator. 2,122,513; July 5.
- Conner, Quinten E., San Francisco, Calif. Air brake system. 2,141,205; Dec. 27.
- Conner, Wiley L., et al. (See Vermillion, William O., assignor.)
- Connors, Michael J., Larchmont, N. Y. Cable connector for outlet boxes. 2,128,040; Aug. 23.
- Connors, Michael J., Larchmont, N. Y. Outlet box. 2,130,839; Sept. 20.
- Connery, Alder F., Brooklyn, assignor to The Commercial Cable Company, New York, N. Y. Telegraph signal regenerating apparatus. 2,118,069; May 24.
- Connery, Alder F., Brooklyn, assignor to The Commercial Cable Company, New York, N. Y. Electric telegraphy. 2,141,237; Dec. 27.
- Connolly, Bernard F. (See Jensen, Jens O., assignor.)
- Connolly, George E., Oakland, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Drying and incineration of combustible material. 2,116,058; May 3.
- Connolly, George E., Oakland, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Drying and burning of moist materials. 2,116,059; May 3.
- Connolly, Martin J., New York, N. Y. Cotton harvesting machine. 2,140,399; Dec. 13.
- Connor, Cornelius M., Ardmore, assignor to The Glassine Paper Company, West Conshohocken, Pa. Laminated glassine paper. 2,128,739; Aug. 30.
- Connor, John H., Newton, assignor to The Tanning Process Company, Boston, Mass. Slicker tool. 2,118,070; May 24.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Honing tool and use. 2,105,024; Jan. 11.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Unit abrading element. 2,104,205; Jan. 25.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Honing. 2,108,029; Feb. 8.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Separator. 2,118,167; May 24.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Machine for grinding and finishing cylinders. 2,138,535; Nov. 29.



- Connor, Kirke W., and A. Bleasdale, Detroit, Mich., assignors to Micromatic Hone Corporation. Adjusting means for honing tools. 2,116,925; May 10.
- Connors Steel Company. (See Naish, Fred H., assignor.)
- Connors, Thomas. (See Curtis, David W., assignor.)
- Conover, Courtney, St. Louis, Mo. Game apparatus. 2,117,080; May 10.
- Conover, Richard E., Deer Park, Ohio. Electronic timer. 2,121,117; June 21.
- Conover, Walter K., New Castle, Pa., assignor to Cherry-Burrell Corporation, Chicago, Ill. Valve. 2,106,340; Jan. 25.
- Conover, Warren C., assignor to Outboard Marine & Manufacturing Company, Waukegan, Ill. Slip clutch device. 2,125,270; Aug. 2.
- Conquest Alliance Co. (See Herzig, Leonard A., assignor.)
- Conquest, Victor, assignor to Armour and Company, Chicago, Ill. Preparing soft curd milk. 2,115,505; Apr. 26.
- Conquest, Victor, assignor to Armour and Company, Chicago, Ill. Motor fuel containing nitriles. 2,135,327; Nov. 1.
- Conrad, Frank, Wilkinsburg, assignor of one-half to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., and one-half to Chrysler Corporation, Detroit, Mich. Double-winding generator and rectifier combination. 2,117,019; May 10.
- Conrad, Frank, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper-oxide rectifier. 2,117,020; May 10.
- Conrad, Frank, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time switch. 2,121,585; June 21.
- Conrad, Frank, Wilkinsburg, Pa., and G. C. Goode, Birmingham, Mich., assignors of one-half to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., and one-half to Chrysler Corporation, Detroit, Mich. Battery-charging system. 2,117,018; May 10.
- Conrad, Frank, Wilkinsburg, Pa.; C. Aalborg, Springfield, Mass.; and O. B. French, Prospect Park, Pa., assignors to Westinghouse Electric and Manufacturing Company. Motion picture apparatus. 2,123,624; July 12.
- Conrad, Fred A., assignor to American Lace Paper Company, Milwaukee, Wis. Shelf paper. Re. 20,894; Oct. 25.
- Conrad, Nicholas J., Winnetka, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Interrupting current flow. 2,134,470; Oct. 25.
- Conrad Razor Blade Co. (See Bodkin, Irving S., assignor.)
- Conrad, Werner, Cologne, assignor to the firm Herbig Haarhaus Aktiengesellschaft, Cologne-Bickendorf, Germany. Manufacture of artificial resins. 2,122,089; June 28.
- Conradson, George H., et al., executors. (See Conradson, Pontus H.)
- Conradson, Pontus H., deceased, Franklin, Pa.; The Lambert National Bank of Franklin, G. H. Conradson, and N. C. Winkler, executors. Lubricating device. 2,123,168; July 12.
- Conron, William H. (See Landon, V. D., and Conron.)
- Cons, Elmer F., Kansas City, Mo. Shirt board. 2,135,798; Nov. 8.
- Considine, Robert P., Fulton, Ill., assignor to The Collis Company, Clinton, Iowa. Rack for refrigerators. 2,125,000; July 26.
- Consolidated Aircraft Corporation. (See Gwinn, Joseph M., Jr., assignor.)
- Consolidated Aircraft Corporation. (See Laddon, Isaac M., assignor.)
- Consolidated Car-Heating Company Inc. (See Parsons, Robert J., assignor.)
- Consolidated Car-Heating Company. (See Touceda, Enrique G., assignor.)
- Consolidated Carton, Inc. (See Bueschel, Andrew E., assignor.)
- Consolidated Carton Inc. (See Jones, W. Bartlett, assignor.)
- Consolidated Expanded Metal Companies, The. (See Cross, Leonard W., assignor.)
- Consolidated Expanded Metal Companies, The. (See Glass, Alexander, assignor.)
- Consolidated Expanded Metal Companies, The. (See Harkness, John C., assignor.)
- Consolidated Expanded Metal Companies, The. (See Herbest, Thomas R., Jr., assignor.)
- Consolidated Expanded Metal Companies, The. (See Mack, Wayne E., assignor.)
- Consolidated Gas Electric Light and Power Company of Baltimore. (See Betz, Paul L., assignor.)
- Consolidated Gas Electric Light and Power Company of Baltimore. (See Betz, P. L., and Karrer, assignors.)
- Consolidated Iron-Steel Manufacturing Company of 1932. (See Hamlin, Walter E., assignor.)
- Consolidated Lithograph Manufacturing Co. Limited. (See Ouellette, Alphonse, assignor.)
- Consolidated Machine Tool Corporation. (See Bartek, John S., assignor.)
- Consolidated Machine Tool Corporation. (See Forward, Worthy J. F., assignor.)
- Consolidated Machine Tool Corporation. (See Trosch, Alfred, assignor.)
- Consolidated Mining & Smelting Company, The. (See Stimmel, B. A., McBean, and Cruickshank, assignors.)
- Consolidated Packaging Machinery Corporation. (See Gantz, Howard E., assignor.)
- Consolidated Packaging Machinery Corporation. (See Nicolas, Marcel A., assignor.)
- Consolidated Silk Mills, Ltd. (See Morin, E. A., and Bornstein, assignors.)
- Consolidated Steel Corp. (See Jost, Leslie G., assignor.)
- Consolidated Steel Corporation. (See Lyons, Daniel A., assignor.)
- Consolidated Steel Corporation. (See Roach, Alden G., assignor.)
- Consolidated Trimming Corporation. (See Klahre, Hugo A., assignor.)
- Consolidated Water Power & Paper Company et al. (See Massey, P. J., Thiele, and Raprager, assignors.)
- Consortium für Elektrochemische Industrie, G. m. b. H. (See Sixt, J., and Mugdan, assignors.)
- Constantine, Arthur R., River Forest, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Ice tray supporting and releasing means. 2,107,285; Feb. 8.
- Constantine, Nicholas A., Central Lakes, Minn. Bag holder. 2,140,199; Dec. 13.
- Constantine, Platon, New York, N. Y. Hair waving wrapper pad. 2,107,175; Feb. 1.
- Constantinesco, George, Oxen House, Torver, Coniston, England. Gear ratio indicator and/or control device. 2,141,517; Dec. 27.
- Container Corporation of America. (See Bennett, Robert B., assignor.)
- Container Corporation of America. (See Brown, Bradford W., assignor.)
- Container Corporation of America. (See Kells, Benjamin F., assignor.)
- Container Corporation of America. (See Lowey, Roy E., assignor.)
- Contardi, Angelo, and B. Ciocca, Milan, Italy. Manufacture of pure and raw acetals. 2,114,676; Apr. 19.
- Contardi, Francisco, Buenos Aires, Argentina. Suspension and driving system for motor vehicles. 2,109,191; Feb. 22.
- Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Washing machine. 2,116,695; May 10.
- Conti, Frank C. (See Braun, J. L., and Shickluna, assignors.)
- Continental Can Company. (See Fink, Henry A., assignor.)
- Continental Can Company. (See Fowler, Frank E., assignor.)
- Continental Can Company. (See Henchert, John, assignor.)
- Continental Can Company. (See Kronquest, Alfred L., assignor.)
- Continental Can Company. (See Kronquest, A. L., and Robison, assignors.)
- Continental Can Company. (See Minaker, H. L., and Yarwood, assignors.)
- Continental Can Company. (See Nickels, W., and Aulbach, assignors.)
- Continental Can Company. (See O'Neil, James H., assignor.)
- Continental Can Company. (See O'Neil, J. H., and Punte, assignors.)
- Continental Can Company. (See Pfeffer, Edward C., Jr., assignor.)
- Continental Can Company. (See Plumb, Walter G., assignor.)
- Continental Can Company. (See Prince, F. N., and Jakob, assignors.)
- Continental Can Company. (See Punte, William F., assignor.)
- Continental Can Company. (See Schneider, J. L., Flugge, and Evans, assignors.)
- Continental Can Company. (See Sedwick, M. M., and O'Brien, assignors.)
- Continental Can Company. (See Smith, Dixon H., assignor.)
- Continental Can Company of Pennsylvania. (See Varker, Thomas L., assignor.)
- Continental-Diamond Fibre Company. (See Benge, Frank H., assignor.)
- Continental-Diamond Fibre Company. (See Frederick, Louis T., assignor.)
- Continental-Diamond Fibre Company. (See Graef, Omar K., assignor.)
- Continental-Diamond Fibre Company, The. (See Ritter, Ellwood, assignor.)
- Continental Gin Company. (See Steinhauer, William L., assignor.)
- Continental Gummi-Werke Aktiengesellschaft. (See Assbroicher, H., and Huff, assignors.)
- Continental Gummi-Werke A.-G. (See Loges, Adolf, assignor.)
- Continental Investment Syndicate Limited, The. (See Kaibbs, N. V. S., and Pehrson, assignors.)
- Continental Motors Corporation. (See Ginn, Earl, assignor.)
- Continental Motors Corporation. (See Jacoby, Enos R., assignor.)
- Continental Oil Company. (See Brown, John W., assignor.)
- Continental Oil Company. (See Clawson, M. E., and Mohnk, assignors.)



- Continental Oil Company. (See Dyer, Joseph G., assignor.)
- Continental Oil Company. (See Lincoln, Bert H., assignor.)
- Continental Oil Company. (See Lincoln, B. H., and Byrkit, assignors.)
- Continental Oil Company. (See Lincoln, B. H., and Steiner, assignors.)
- Continental Oil Company. (See McCollum, Elton V., assignor.)
- Continental Oil Company. (See McCollum, E. V., and Athy, assignors.)
- Continental Oil Company. (See Steiner, Waldo L., assignor.)
- Continental Research Corporation. (See Braverman, Shelley, assignor.)
- Continental Screw Company. (See Brown, Frank K., assignor.)
- Control Instrument Company. (See Warnke, Herbert R., assignor.)
- Converse, Earl M., Evanston, and A. J. Duval, Lombard; said Converse assignor of one-half to Dearborn Chemical Company, Chicago, Ill. Grease type pipe line coating machine. 2,112,825; Apr. 5.
- Converse, Edward H., Poughkeepsie, assignor to J. K. Delano, Village of Rye, N. Y. Composition for insulating wire. 2,118,838; May 31.
- Converse Rubber Company. (See Casey Edward F., assignor.)
- Converse Rubber Company. (See Willey, Edward A., assignor.)
- Converse, Tommy J., Bellingham, Wash. Electric signal switch. 2,126,871; Aug. 16.
- Convertible Truck and Trailer Company. (See Schaefer, Henry G., assignor.)
- Convy, Bernard F., assignor to Convy Heel Covering Company, St. Louis, Mo. Shoe heel covering and making the same. 2,134,632; Oct. 25.
- Convy Heel Covering Company. (See Convy, Bernard F., assignor.)
- Conway, John H. (See Means, J. Z., Conklin, and Conway.)
- Conwell, Charles B. (See Ragsdale, E. J. W., and Conwell.)
- Conwell, Samuel H., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, Car coupler operating device. 2,129,165; Sept. 6.
- Conzelmann, Joseph H., assignor to Alabama Asphaltic Limestone Company, Birmingham, Ala. High tractive resistance bituminous surfacing. 2,134,357; Oct. 25.
- Basel, Switzerland. Manufacture of colored lacquers and film forming coatings. 2,106,519; Jan. 25.
- and coating compositions. 2,106,518; Jan. 25.
- Conzett, Achille, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacture of colored lacquers and film forming coatings. 2,106,519; Jan. 25.
- Cook, Alan A., Rochester, and O. E. Trautmann, Ironduquott, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Focusing camera. 2,124,161; July 19.
- Cook, Alton A., Glen Ridge, and S. V. Valjavec, Dumont, N. J., assignors to Arkansas Company, Inc., New York, N. Y. Preparation of alkylated aromatic sulphonic acids. 2,133,282; Oct. 18.
- Cook, Earle S. (See Canetta, J., and Cook.)
- Cook, Earle S., Wilkinsburg, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake. 2,109,366; Feb. 22.
- Cook, Earle S., Wilkinsburg, and C. F. Hammer, Greensburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake control mechanism. 2,125,101; July 26.
- Cook, Earnshaw. (See Hoffman, P. Bender, and Cook.)
- Cook, Edward G., Brooklyn, assignor of one-fourth to I. Goldberg, New York, N. Y. Barrel. 2,105,939; Jan. 18.
- Cook, Edwin S., Memphis, Tenn. Pressure indicator for clothes wringers. 2,125,887; Aug. 9.
- Cook Electric Company. (See Baker, John S., assignor.)
- Cook, Ellsworth D., Merchantville, N. J., assignor to Radio Corporation of America. Film driving mechanism. 2,109,767; Mar. 1.
- Cook, Ellsworth D., Merchantville, N. J., assignor to Radio Corporation of America. Alarm system. 2,112,826; Apr. 5.
- Cook, Ellsworth D., Scotia, N. Y., assignor to Radio Corporation of America. Sound recording. 2,125,890; Aug. 9.
- Cook, Ellsworth D., Scotia, N. Y., assignor to Radio Corporation of America. Sound recording. 2,125,891; Aug. 9.
- Cook, Elmer W., New York, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,139,725; Dec. 13.
- Cook, Elmer W., New York, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,139,726; Dec. 13.
- Cook, Everett J., assignor, by mesne assignments, to H. H. Buggie & Company, Toledo, Ohio. Engraving apparatus. 2,127,160; Aug. 16.
- Cook, Everett J., assignor, by mesne assignments, to H. H. Buggie & Company, Toledo, Ohio. Engraving apparatus. 2,127,161; Aug. 16.
- Cook, Everett J., assignor to H. H. Buggie & Company, Toledo, Ohio. Engraving apparatus. 2,140,985; Dec. 20.
- Cook, Harmon J., Torrington, and G. E. Fitzgerald, Bridgeport, assignors to The Connecticut Electric Manufacturing Co., Bantam, Conn. Electric light fixture. 2,125,065; July 26.
- Cook, Harry A., Winnebago, Nebr. Rail anchor and tie plate. 2,117,150; May 10.
- Cook, Harry W., Malta, Ohio. Window frame fastening means. 2,113,292; Apr. 5.
- Cook, Joseph F., Jr. (See Reiman, C. K., and Cook.)
- Cook, Joseph F., Jr., West Roxbury, Mass., assignor to Birdseye Electric Corporation, Dover, Del. Reflecting incandescent lamp. 2,110,590; Mar. 8.
- Cook, Judson A. (See Bockius, C., Batchelor, and Cook.)
- Cook, Judson A. (See Bockius, C., and Cook.)
- Cook Laboratories, Inc. (See Loizer, M., and Frost, assignors.)
- Cook Laboratories, Inc. (See Montuori, Felix C., assignor.)
- Cook, Leon W. (See Hendrev, W. B., and Cook.)
- Cook, March G., assignor to Sheboygan Machine Company, Sheboygan, Wis. Deck engine control. 2,139,727; Dec. 13.
- Cook, Nelson E., Wheeling, W. Va., E. J. Knopf, Morristown, Ohio, and W. L. Diehl, assignors to Wheeling Steel Corporation, Wheeling, W. Va. Metal coated product. 2,126,244; Aug. 9.
- Cook, Robert V., assignor to Fairbanks, Morse & Company, Chicago, Ill. Evaporator. 2,106,295; Jan. 25.
- Cook, Samuel, and H. E. Nevins, Stamford, Conn. Compressor apparatus. 2,119,201; May 31.
- Cook, Stanley S., assignor to C. A. Parsons and Company Limited, Newcastle-on-Tyne, England. Turbine. 2,132,509; Oct. 11.
- Cook, Walter, Benton, Ill., assignor to Central Mine Equipment Co., St. Louis, Mo. Mining drill and bit. 2,109,613; Mar. 1.
- Cook, Warren E., Pittsburgh, Pa. Cigar and cigarette extinguisher. 2,111,172; Mar. 15.
- Cook, Willard G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric control mechanism for voting machines. 2,109,229; Feb. 22.
- Cooke, Alexander H. (See Taylor, H. F., and Cooke.)
- Cooke, Allen B., Danville, Ill., assignor to United Autographic Register Co. Refolding mechanism for duplicating machines. 2,106,520; Jan. 25.
- Cooke, George T., Norwalk, assignor to American Railway Products Company, Inc., Darien, Conn. Locking means for draft key retainer pins. 2,112,807; Mar. 29.
- Cooke, George T., Norwalk, assignor to American Railway Products Co., Inc., Darien, Conn. Brake beam hanger device. 2,115,506; Apr. 26.
- Cooke, George T., Norwalk, assignor, to American Railway Products Co., Inc., Darien, Conn. Cotter pin. 2,121,425; June 21.
- Cooke, George T., assignor to American Railway Products Company, Inc., South Norwalk, Conn. Coupling and lock. 2,132,779; Oct. 11.
- Cooke, Giles B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Dyed composition cork and method. 2,131,314; Sept. 27.
- Cooke, Giles B., and S. I. Wilbur, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cork composition and manufacture. 2,104,692; Jan. 4.
- Cooke, Horace B., Clarendon, Va., assignor to Process Management Company, Inc., New York, N. Y. Gas conversion. 2,128,220; Aug. 30.
- Cooke, Horace B., Greenwich, Conn., assignor to Process Management Company, Inc., New York, N. Y. Manufacture of gasoline-like hydrocarbons. 2,134,325; Oct. 25.
- Cooke, Horace B., Greenwich, Conn., assignor to Process Management Company, Inc., New York, N. Y. Purifying gases. 2,134,507; Oct. 25.
- Cooke, Joseph, Philadelphia, Pa. Making sign elements. 2,136,180; Nov. 8.
- Cooke, Maurice B., Plainfield, N. J. Thermal treatment of hydrocarbons. 2,133,344; Oct. 18.
- Cooke, Strathmore R. B. (See Abbott, F. C., Cooke, and Anderson.)
- Cooke, William T. (See Moseley, F. L., Cooke, and Frische.)
- Cooke, William T., Pelham Manor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Remote control system. 2,139,490; Dec. 6.
- Cookson, Clarence F., Shelton, Conn. Game board. 2,107,326; Feb. 8.
- Cookson, Clarence F., Lyndhurst, N. J. Amusement device. 2,108,430; Feb. 15.
- Cookware Company of America. (See Howlett, Lewis G., assignor.)
- Cool, William R., Coraopolis, Pa., assignor to W. T. Tredway, trustee. Auxiliary power plant for aircraft. 2,112,014; Mar. 22.
- Coolerator Company, The. (See Frydahl, Carl E. H., assignor.)
- Coolerator Company, The. (See La Casse, William J., assignor.)
- Cooley, Austin G., assignor to Wide World Photos, Inc., New York, N. Y. Carrier signalling system. 2,128,801; Aug. 30.



- Cooley, Austin G., Rutherford, N. J., assignor to Wide World Photos, Inc., New York, N. Y. Electro-optical transmission method and apparatus. 2,138,398; Nov. 29.
- Cooley, Austin G., Rutherford, N. J., and G. V. V. Dillenback, Jr., Slingerlands, assignors to Wide World Photos, Inc., New York, N. Y. Screw and nut mechanism. 2,138,784; Nov. 29.
- Cooley, Floyd A. (See Rhein, L. R., and Cooley.)
- Cooley, Kenneth L., Rochester, N. Y. Duplex needle. 2,137,132; Nov. 15.
- Cooldidge, Charles H., assignor to Curtis & Marble Machine Company, Worcester, Mass. Seam protecting mechanism for cloth shearing machines. 2,112,905; Apr. 5.
- Cooldidge, Harry, Park Falls, Wis., assignor to Fibre Making Processes, Inc., Chicago, Ill. Chip packer. 2,119,571; June 7.
- Cooldidge, Joseph R., Sandwich, N. H., assignor, by mesne assignments, to Montan Pole Co., Boston, Mass. Wood impregnating apparatus. 2,135,463; Nov. 1.
- Cooldidge, William D., Schenectady, N. Y., assignor to General Electric Company. Electron discharge device. 2,113,422; Apr. 5.
- Coombs, Harold E., Glendale, Calif. Arm sling. 2,111,963; Mar. 22.
- Coombs, Leslie W., Chicago, Ill. Piston skirt expander. 2,113,912; Apr. 12.
- Coombs, Leslie W., Chicago, Ill. Paint striper. 2,122,858; July 5.
- Coons, Kenneth W., Tuscaloosa, Ala., assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Catalyst manufacture. 2,120,958; June 14.
- Coons, Uzal B., assignor of one-half to H. L. Somers, Fort Wayne, Ind. Refrigeration. 2,107,053; Feb. 1.
- Cooper, Arthur H., Buckinghamshire, and W. C. Corner, London, assignors to Electric & Musical Industries Limited, Middlesex, England. Volume control arrangement. 2,115,842; May 3.
- Cooper, Barclay B. W., Oklahoma City, Okla. Hot air furnace. 2,108,033; Feb. 15.
- Cooper, Benjamin, New York, N. Y. Electromagnetic printing counter. 2,115,410; Apr. 26.
- Cooper, Benjamin G., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Trolley glider. 2,136,937; Nov. 15.
- Cooper, Benjamin G., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Trolley current collector. 2,136,938; Nov. 15.
- Cooper, Bernard H., Cleveland, Ohio. Beverage container. 2,121,118; June 21.
- Cooper-Bessmer Corporation. (See Bovard, Charles M., assignor.)
- Cooper, Earl E., assignor to Chambers, Bering, Quinlan Company, Decatur, Ill. Faucet. 2,107,727; Feb. 8.
- Cooper, Edward E., and A. T. Troedel, Port Melbourne, Victoria, Australia. Photocomposing machine. Re. 20,692; Apr. 12.
- Cooper, Ethel A., Denver, Colo. Folding ironing board. 2,124,765; July 26.
- Cooper, Felix, Brooklyn, N. Y. Dispenser for tea bags. 2,115,923; May 3.
- Cooper, Francis W., assignor to The Stead Rail Anchor Company, Limited, Montreal, Quebec, Canada. Rail anchor. 2,106,548; Jan. 25.
- Cooper, Frank A., Syracuse, assignor to L. D. Hokerk, Utica, N. Y. Revolving display stand. 2,138,730; Nov. 29.
- Cooper, Frank E., Independence, Mo. Garment cutting tool. 2,115,571; Apr. 26.
- Cooper, Frank H., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,108,306; Feb. 15.
- Cooper, Frank P., Elizabeth, N. J., assignor, by mesne assignments, to R. E. Ogden, Mountainville, N. Y. Door closure. 2,136,611; Nov. 15.
- Cooper, George A. S., Newark, N. J., assignor to Leeds & Northrup Company, Philadelphia, Pa. Control system. 2,119,223; May 31.
- Cooper, George M., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Resistance element. 2,120,930; June 14.
- Cooper, George W., assignor of one-fourth to F. E. Hill and one-fourth to W. Miller, Muncie, Ind. Clutch sleeve spring tool. 2,108,252; Feb. 15.
- Cooper, Gerald M., Findlay, Ohio. Door. 2,121,395; June 21.
- Cooper, Harold E., Kettering, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Take-up mechanism for sewing machines. 2,121,652; June 21.
- Cooper, Harold H., Tulsa, Okla. Portable back support for seats. 2,131,219; Sept. 27.
- Cooper, Harry D., Poughkeepsie, N. Y. Automatic fire extinguisher sprinkler. 2,110,659; Mar. 8.
- Cooper, Himen, Brooklyn, N. Y. Leather cemented articles. 2,132,399; Oct. 11.
- Cooper, Hugh S., Cleveland Heights, assignor to Cooper Products, Inc., Cleveland, Ohio. Carbide material. 2,113,171; Apr. 5.
- Cooper, Hugh S., Cleveland Heights, assignor to Cooper Products, Inc., Cleveland, Ohio. Chromizing. 2,141,640; Dec. 27.
- Cooper, Irving B., Allendale, N. J. Vehicle body construction. 2,107,854; Feb. 8.
- Cooper, Jacob B., Park Ridge, N. J. Meter cabinet. 2,117,945; May 17.
- Cooper, James J., Detroit, Mich., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Piston. 2,120,019; June 7.
- Cooper, Jehu P. (See Frick, F. F., and Cooper.)
- Cooper, Lawson H., assignor to C. W. Bonbright, Flint, Mich., as trustee. Automobile decking device. 2,137,979; Nov. 22.
- Cooper, Leonard W., La Grande, Ore. Cartridge holding device. 2,122,003; June 28.
- Cooper, Leonard W., assignor to The Cooper Spot-Sight Co. Inc., La Grande, Ore. Combined firearm and spot-light. 2,108,475; Feb. 15.
- Cooper, Nelson D., Mariemont, Cincinnati, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,121,586; June 21.
- Cooper Oven Thermometer Company, The. (See Nodine, Frederick A., assignor.)
- Cooper Oven Thermometer Company, The. (See Whittier, Elmer S., assignor.)
- Cooper Products, Inc. (See Cooper, Hugh S., assignor.)
- Copper Protected Roofing Company. (See Crump, James E., assignor.)
- Cooper, Roger G., Ferndale, assignor to E. S. Hesse, C. L. Hesse, and A. F. Hesse, co-partners, doing business as Pioneer Tea Company, Detroit, Mich. Package and package display. 2,119,382; May 31.
- Cooper, Sheldon B. (See Davis, Latta O., assignor.)
- Cooper Spot-Sight Co. Inc., The. (See Cooper, Leonard W., assignor.)
- Cooper, Thomas W. (See Cirac, C. P., Cooper, and MacDonald.)
- Cooper, Wellesley B., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Floor covering. 2,105,720; Jan. 18.
- Cooper, Wellesley B., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Axminster tube frame support mechanism. 2,126,449; Aug. 9.
- Cooper, Wilfrid B., Rome, Ga., assignor to Tubize Chattillon Corporation, New York, N. Y. Twister cap. 2,116,342; May 3.
- Cooper, Wilfrid B., Rome, Ga., assignor to Tubize Chattillon Corporation, New York, N. Y. Bobbin base. 2,136,073; Nov. 8.
- Cooper, Woodson J., Winslow, Ind. Ruler. 2,112,069; Mar. 22.
- Coordes, Harry G., assignor to Briggs Manufacturing Company, Detroit, Mich. Sheet metal bathtub. 2,122,247; June 28.
- Cope, Arthur C., Bryn Mawr, Pa., W. H. Hartung, Baltimore, Md., and F. S. Crossley, assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa.  $\alpha$ -alkenyl cyanoacetic esters and producing same. 2,119,526; June 7.
- Cope, Belmont G. (See Hollwager, Frederick, assignor.)
- Cope, Burton H., Smithfield, Ohio. Connector. 2,106,724; Feb. 1.
- Cope, Edward L. (See Cope, Harry A., assignor.)
- Cope, Frank T., assignor to The Electric Furnace Company, Salem, Ohio. Controlled atmosphere furnace construction and operation. 2,126,534; Aug. 9.
- Cone, George W., Vivian, La. Device for picking up broken jack lines. 2,119,152; May 31.
- Cope, Harry A., assignor of one-fourth to E. L. Cope, Akron, Ohio. Angler's implement. 2,109,859; Mar. 1.
- Cope, John Q. (See Shiffler, W. H., and Cope.)
- Copeland, Elisha S., Batesburg, S. C. Rack clip. 2,116,386; May 3.
- Copeland, Elisha S., Batesburg, S. C. Metal roof joint. 2,127,392; Aug. 16.
- Copeland, Francis C., Beverly Hills, Calif. Cigarette lighting and dispensing device. 2,108,376; Feb. 15.
- Copeland, John C., et al. (See Oakley, Kenneth H., assignor)
- Copeland, John E. (See Le Jeune, F. H., and Copeland.)
- Copeland, L. T., et al., administrators. (See Hunter, Percy E.)
- Copeland, L. T., et al., administrators. (See Hunter, P. E., and Nightingale.)
- Copeland, Lewis C., and J. R. Stone, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Precipitating zinc sulphide. 2,130,382; Sept. 20.
- Copeland, Peter, and L. L. Greneker, New York, N. Y. Model. 2,117,081; May 10.
- Copeland Refrigeration Corporation. (See Hall, Perry C., assignor.)
- Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)
- Copeman Laboratories Company. (See Gillen, Joseph A., assignor.)
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Concrete or cement structure. 2,112,452; Mar. 29.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Apparatus for handling ice cubes. 2,113,014; Apr. 5.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Refrigerator structure. 2,114,996; Apr. 26.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Protecting and forming pre-finished metal. 2,120,461; June 14.



- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Protective coating and process of applying and removing. 2,132,230; Oct. 4.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Package structure. 2,134,908; Nov. 1.
- Copen, S. Irving, Boston, Mass. Surgical device. 2,138,626; Nov. 29.
- Copenhaver, John W. (See Russell, A., and Copenhaver.)
- Copes Regulators Limited. (See Armstrong, Clifford H., assignor.)
- Copithorn, Walter E., Natick, Mass. Arch support. 2,119,703; June 7.
- Copland, Charles J., North Kansas City, Mo., assignor to International Patents Development Company, Wilmington, Del. Crystallization of dextrose. 2,109,585; Mar. 1.
- Coppedge, Henry C., et al. (See Vermillion, William O., assignor.)
- Copperweld Steel Company. (See Antisell, Frank L., assignor.)
- Copperweld Steel Company. (See Whitehead, Frederick A., assignor.)
- Coprox Inc. (See Lazarus, Meyer, assignor.)
- Copson, Raymond L. (See Curtis, H. A., and Copson.)
- Corbellini, Arnaldo, Milan, Italy. Manufacture of naphthostyryl and 8-amino-1-naphthoic acid. 2,111,756; Mar. 22.
- Corbett, Alfred, Irwin, Pa., assignor to National Electric Products Corporation. Junction adapter. 2,104,451; Jan. 4.
- Corbett, Alfred, Irwin, Pa., assignor to National Electric Products Corporation. Utility conduit. 2,136,583; Nov. 15.
- Corbett, Alfred, Irwin, and J. M. G. Fullman, Sewickley, Pa., assignors to National Electric Products Corporation. Cable connector. 2,139,259; Dec. 6.
- Corbett, Claude M. (See Lyons, Louis, assignor.)
- Corbett, Harvey W., New York, N. Y., and H. Hasenburger, East Orange, N. J., assignors to Prebilit Housing Corporation, Columbus, Ohio. Prefabricated building construction. 2,138,958; Dec. 6.
- Corbin, Eber P., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Belt centering device. 2,109,956; Mar. 1.
- Corbin, Elbert A., Jr., Lenni, Pa. Molding machine. 2,112,830; Apr. 5.
- Corbin, Elbert A., Jr., Lenni, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Molding machine. 2,126,738; Aug. 16.
- Corbin, Elbert A., Jr., Morton, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Tendon puller. 2,115,008; Apr. 26.
- Corbin, Elbert A., Jr., Morton, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Hydraulic brake. 2,118,808; May 31.
- Corbin, Elbert A., Jr., Morton, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Washbasin. 2,139,671; Dec. 13.
- Corbin, Elbert A., Jr., Philadelphia, assignor of one-half to W. C. Biddle, Lansdowne, Pa. Valve. 2,126,739; Aug. 16.
- Corbin, Elbert A., Jr., Gradyville, and E. W. Wolf, Philadelphia, assignors of one-third to W. C. Biddle, Lansdowne, Pa. Sheet material. 2,123,180; July 12.
- Corbin, George E., Detroit, Mich. Adjustable metal thickness scriber. 2,119,852; June 7.
- Corbin, Wesley S., Ridley Park, assignor to Scott Paper Company, Chester, Pa. Multiple compartment dispensing cabinet. 2,109,412; Feb. 22.
- Corbman, Joseph and S., Philadelphia, Pa. Damper. 2,124,484; July 19.
- Corbman, Samuel. (See Corbman, Joseph and S.)
- Corbo-Norit-Union Verwaltungs-Gesellschaft. (See Engelhardt, Alfred, assignor.)
- Corcoran-Brown Lamp Company, The. (See Johnson, Roy W., assignor.)
- Cordell, Joseph C., Mount Lebanon, Pa. Clothesline support. 2,141,032; Dec. 20.
- Cordes, Bertha L. (See Cordes, Henry G.)
- Cordes, Ferdinand, Los Angeles, Calif. Portable electrically controlled tapper. 2,121,286; June 21.
- Cordes, Henry G., Palo Alto, Calif.; B. L. Cordes, owner by decree of court. Vacuum tube. 2,105,463; Jan. 18.
- Cordes, Robert J., assignor to The Lamson & Sessions Company, Cleveland, Ohio. Manufacture of headed blanks. 2,113,172; Apr. 5.
- Cordes, Walter J., San Francisco, Calif. Oil saver. 2,137,832; Nov. 22.
- Cordiano Can Co-Inc. (See Cordiano, D., and Hirshman, assignors.)
- Cordiano, Dominick, and A. Hirshman, assignors to Cordiano Can Co-Inc., Brooklyn, New York. Container and making the same. 2,131,343; Sept. 27.
- Cordley, Christopher M., Greenwich, Conn., assignor to Cordley & Hayes, New York, N. Y. Water cooler. 2,137,269; Nov. 22.
- Cordley & Hayes. (See Cordley, Christopher M., assignor.)
- Cordova, Francisco J., near Sheffield, Ala. Geological instrument. 2,141,173; Dec. 27.
- Cordrey, Almon J., assignor to Liquid Carbonic Corporation, Chicago, Ill. Milk truck. 2,108,104; Feb. 15.
- Cordrey, Almon J., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Water ice and dry ice refrigeration system. 2,109,310; Feb. 22.
- Cordrey, Almon J., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Dry ice refrigerating apparatus. 2,125,888; Aug. 9.
- Cords, Otto, Berlin-Lichterfelde, assignor to Norddeutsche Kabelwerke A. G., Berlin-Neukolln, Germany. Electric cable. 2,118,005; May 17.
- Cordts, Hans F. C., Volksdorf, near Hamburg, assignor to Thuringische Glaswollindustrie vorm. S. Koch Gesellschaft mit beschränkter Haftung, Hamburg, Germany. Manufacture of fabric from spun glass. 2,131,024; Sept. 27.
- Cordts, Karl, Eutin, assignor of one-half to J. Gastreich, Cologne-Meerheim, Germany. Funnel, particularly such as is used in conjunction with milk filters. 2,130,876; Sept. 20.
- Corey, Fred W., Tilton, N. H. Animal trap. 2,128,579; Aug. 30.
- Corey, Walter R., Providence, R. I. Weatherproofing seal for frames. 2,111,888; Mar. 22.
- Cork, Edward C. (See Blumlein, A. D., Cork, and Pawsey.)
- Cork, Edward C. (See Bowman-Manifold, M., and Cork.)
- Cork, Edward C. (See White, E. L. C., and Cork.)
- Cork, Edward C., Ealing, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries, Limited, Hayes, England. Feeder and the like for electric currents of high frequency. 2,138,906; Dec. 6.
- Corkery, Frank W., Crafton, Pa. Residual gum. 2,135,423; Nov. 1.
- Corkery, Frank W., Crafton, Pa. Paint oil. 2,135,425; Nov. 1.
- Corkery, Frank W., Crafton, Pa. Mastie tile. 2,135,428; Nov. 1.
- Corkery, Frank W., Crafton, Pa. Producing a tile base. 2,135,429; Nov. 1.
- Corkery, Frank W., Crafton, Pa. Treatment of still residue. 2,135,430; Nov. 1.
- Corkery, Frank W., Crafton, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Treatment of still residue. 2,135,427; Nov. 1.
- Corkery, Frank W., Clairton, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Coating composition. 2,121,475; June 21.
- Corkery, Frank W., Clairton, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Modified pitch. 2,135,424; Nov. 1.
- Corkery, Frank W., Clairton, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Treatment of still residue. 2,135,426; Nov. 1.
- Corkran, Herbert, Baltimore, Md. Grain door for railway cars. 2,116,260; May 3.
- Corkum, Leo M., New York, N. Y. Hacksaw guide. 2,111,468; Mar. 15.
- Corlett, Edwin H. (See Shippee, R., and Corlett.)
- Corlett, Frank. (See Cree, J., and Corlett.)
- Corley, Alex M., Salley, S. C. Apparatus for applying liquid poison to plants. 2,123,988; July 19.
- Corley, Andrew J., assignor to Corley Manufacturing Company, Chattanooga, Tenn. Feeding mechanism for sawmills. 2,118,496; May 24.
- Corley Manufacturing Company. (See Corley, Andrew J., assignor.)
- Cormier, Arthur, Montreal, Quebec, Canada. Folding paper box. 2,134,860; Nov. 1.
- Corn Products Refining Company. (See Irely, Kenneth M., assignor.)
- Corn Products Refining Company. (See Kelling, Alfred H., assignor.)
- Corn Products Refining Company. (See Leuck, Gerald J., assignor.)
- Corn Products Refining Company. (See Miner, Carl S., assignor.)
- Corn Products Refining Company. (See Newkirk, William B., assignor.)
- Corn Products Refining Company. (See Schildberger, Adolf A., assignor.)
- Corn Products Refining Company. (See Shurback, Samuel, assignor.)
- Corn Products Refining Company. (See Stanger, O. C., and Thompson, assignors.)
- Corn Products Refining Company. (See Sturken, Oswald, assignor.)
- Corn Products Refining Company. (See Swallen, Lloyd C., assignor.)
- Corn Products Refining Company. (See Ventch, Collins, assignor.)
- Cornellison, Lawrence W., San Francisco, Calif. Guard for spray guns. 2,119,043; May 31.
- Cornelius, Richard T., Minneapolis, Minn. Beer cooling and dispensing device. 2,119,383; May 31.
- Cornelius, Richard T., Minneapolis, Minn. Beer dispensing device. 2,125,102; July 26.
- Cornelius, Richard T., Minneapolis, Minn. Faucet. 2,128,351; Aug. 30.
- Cornell Dubilier Corporation. (See Arnold, William E., assignor.)
- Cornell Dubilier Corporation. (See Deeley, Paul McK., assignor.)
- Cornell Dubilier Corporation. (See Dubilier, William, assignor.)



- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Cold wrought chain. 2,110,201; Mar. 8.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Pipe hanger. 2,111,357; Mar. 15.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Thermal system. 2,115,706; May 3.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Control means for air actuated motors. 2,118,809; May 31.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Stovepipe coupling. 2,120,211; June 7.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Window defroster. 2,121,753; June 21.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Defroster. 2,121,754; June 21.
- Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Conditioned air supplying and air withdrawing thermal system. 2,140,787; Dec. 20.
- Cornell, Elton S., assignor to Abrasive Machine Tool Co., East Providence, R. I. Metalworking machine. 2,138,491; Nov. 15.
- Cornell, Fritz G., Jr., Mountain Lakes, assignor to Jensen Creamery Machinery Company, Inc., Bloomfield, N. J. Heat exchange device. 2,120,797; June 14.
- Cornell Iron Works, Inc. (See Cornell, M. L., and Gerber, assignors.)
- Cornell, John C., St. Louis County, and J. O. Carrey, St. Louis, Mo., said Carrey assignor to said Cornell. Surgical chair. 2,130,754; Sept. 20.
- Cornell Machine Company, The. (See Cornell, Mead, assignor.)
- Cornell, Mead, assignor to The Cornell Machine Company, Cleveland, Ohio. Proportioning device. 2,109,331; Feb. 22.
- Cornell, Mead, Philadelphia, Pa., assignor to F. A. Faville and J. R. Le Vally, Chicago, Ill., copartners doing business as Faville-Le Vally Co. Oil testing machine. 2,110,288; Mar. 8.
- Cornell, Milton L., Jackson Heights, N. Y., and E. W. Gerber, Bergenfield, N. J., assignors to Cornell Iron Works, Inc., Long Island City, N. Y. Expandible mesh closure. 2,136,042; Nov. 8.
- Cornell Securities Corporation. (See Lockhart, William, assignor.)
- Cornell, Virgil H., New York, N. Y. Field photostating apparatus. 2,134,704; Nov. 1.
- Corner, George H. C. (See Naunton, W. J. S., and Corner.)
- Corner, William C. (See Cooper, A. H., and Corner.)
- Cornett, Walter V., Brooklyn, N. Y. Safety system and device for use therewith. 2,136,415; Nov. 15.
- Corning Glass Works. (See Bergstrom, Carl V., assignor.)
- Corning Glass Works. (See Blau, Henry H., assignor.)
- Corning Glass Works. (See Blau, H. H., and Knaell, assignors.)
- Corning Glass Works. (See Brink, Harold T., assignor.)
- Corning Glass Works. (See Goodrich, Levi F., assignor.)
- Corning Glass Works. (See Gray, David E., assignor.)
- Corning Glass Works. (See Hood, Harrison P., assignor.)
- Corning Glass Works. (See Hood, H. P., and Nordberg, assignors.)
- Corning Glass Works. (See Hostetter, John C., assignor.)
- Corning Glass Works. (See Hostetter, J. C., and Littleton, assignors.)
- Corning Glass Works. (See Hyde, James F., assignor.)
- Corning Glass Works. (See Leeb, States L., assignor.)
- Corning Glass Works. (See Littleton, Jesse T., assignor.)
- Corning Glass Works. (See Nordberg, Martin E., assignor.)
- Corning Glass Works. (See Said, William H.)
- Corning Glass Works. (See Weber, W. C., and Wellech, assignors.)
- Corning Glass Works. (See Woods, William J., assignor.)
- Cornish, John L., Falmouth, England. Trousers and the like. 2,140,221; Dec. 13.
- Cornwall, Edward F., Union Township, Union County, N. J. Opener for containers. 2,108,431; Feb. 15.
- Cornwell, Arthur L., Wellsville, N. Y. Gear puller. 2,136,004; Nov. 8.
- Cornwell, Leroy, assignor of one-half to P. H. Hull, C. H. Rodell, and R. F. Stewart, Spokane, Wash. Hydraulic braking system. 2,108,164; Feb. 15.
- Cornwell, Lionel B., assignor to Cinaudagraph Corporation, Stamford, Conn. Magnet structure. 2,141,595; Dec. 27.
- Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Printing and article resulting therefrom. 2,121,021; June 21.
- Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Marked article and producing the same. 2,121,022; June 21.
- Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Moistureproofing wrapping materials. 2,121,023; June 21.
- Coro-Gram, Inc. (See Bangs, Ralph C., assignor.)
- Corona Conversion Corporation. (See Rowland, H. R., and Smith, assignors.)
- Corona Products, Inc. (See Mayfield, Owen, assignor.)
- Corozone Air Conditioning Corporation. (See Conley, Arthur W., assignor.)
- Corr, Thomas E., San Francisco, Calif. Portable lifting device. 2,125,546; Aug. 2.
- Corrall, Herbert, St. Alban, Helensburg, and B. A. Stevens, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Honing device. 2,127,289; Aug. 16.
- Corrigan, Michael J., Washington, D. C. Race track barrier. 2,119,073; May 31.
- Corrigan, Roy J., assignor to Bundy Tubing Company, Detroit, Mich. Cut-off machine. 2,112,396; Mar. 29.
- Corrigan, Roy J., assignor to Bundy Tubing Company, Detroit, Mich. Tube flaring tool. 2,117,543; May 17.
- Corse, Gaston, assignor to Société dite "Anciens Etablissements L. Chambon", Paris, France. Coating size on a paper strip. 2,123,354; July 12.
- Corsello, Philip B., Pittsburgh, Pa. Game apparatus. 2,114,138; Apr. 12.
- Corsepius, Rudolf, Berlin-Charlottenburg, and H. Protzen, Berlin-Lichterfelde, assignor to Bamag-Meguin Aktiengesellschaft, Berlin, Germany. Apparatus for controlling power operated valves. 2,140,667; Dec. 20.
- Corser, John, Minneapolis, Minn. Fuse plug. 2,124,813; July 26.
- Corser, John, assignor to Diamond Iron Works, Incorporated, Minneapolis, Minn. Rock crushing machine. 2,117,300; May 17.
- Corser, Lawrence E., Cortland, assignor, by mesne assignments, to Comalan, Incorporated, Homer, N. Y. Block keying system. 2,107,691; Feb. 8.
- Corsico-Piccolini, Hector, and D. Aller, Buenos Aires, Argentina. Safety razor blade. 2,123,768; July 12.
- Corson, Ben B. (See Ipatieff, V., and Corson.)
- Corson, Louis R., Los Angeles, Calif. Tag holder. 2,124,054; July 19.
- Corson, Michael G., New York, N. Y., assignor to Remington Arms Company, Inc. Shot. 2,119,876; June 7.
- Cortez, Joseph, assignor to C. H. Venner, Jr., New York, N. Y. Preparation of yerba maté. 2,115,411; Apr. 26.
- Cortines, Jack S., Los Angeles, Calif. Heat transferring device. 2,138,091; Nov. 29.
- Cortland Line Company. (See Allen, P. A., and Womeldorf, assignors.)
- Corwin, Harry R., assignor to Harry R. Corwin & Company, Inc., Palm Beach, Fla. Contractible removable inner metal cell form. 2,133,693; Nov. 29.
- Corwin, Harry R., & Company. (See Corwin, Harry R., assignor.)
- Corwin, Thomas L., Newark, N. J., B. S. Swezey, Floral Park, and E. F. Watson, Larchmont, N. Y.; said Corwin assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Swezey and said Watson assignors to American Telephone and Telegraph Company. Teletypewriter system. 2,126,535; Aug. 9.
- Cory, Harvey, Chicago, Ill. Brewing coffee. 2,107,236; Feb. 1.
- Corydon, Jeff, Jr., and R. Lowe, Chicago, Ill., assignors to Proportioners, Inc., Providence, R. I. Water-modifying apparatus. 2,126,092; Aug. 9.
- Coryell, Charles N., Mamaroneck, N. Y. Holder for stick material. 2,104,364; Jan. 4.
- Coryell, William C. (See Shrum, Arthur T., assignor.)
- Cosentino, Joseph, Clarksburg, W. Va. Shock absorber. 2,119,453; May 31.
- Cosma Laboratories Company, The. (See Hower, Charles C., assignor.)
- Cosmetic Research, Inc. (See Goodman, Herman, assignor.)
- Cosmocolor Corporation. (See Gilmore, Otto C., assignor.)
- Cosner, Maurice C., Lynwood, Calif. Automatic motor vehicle signaling device. 2,134,299; Oct. 25.
- Coss, Harold T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Mineral wool composition. 2,116,303; May 3.
- Cossalter, Bruno, et al. (See Sommer, Robert, assignor.)
- Cossor, A. C., Limited. (See Bedford, Leslie H., assignor.)
- Cossor, A. C., Limited. (See Puckle, Owen S., assignor.)
- Cost, William A., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Re-tread paver. 2,116,468; May 3.
- Costa, Anthony P., and J. Costa, Jr., Athens, Ga. Container. 2,112,143; Mar. 22.
- Costa, Joseph, Jr. (See Costa, Anthony P. and J., Jr.)
- Costa, Joseph L., Woonsocket, assignor to Manville Jenckes Corporation, Manville, R. I. Treatment of acid setting baths used in the manufacture of cellulose products from viscose. 2,105,684; Jan. 18.
- Costa de Beauregard, Amédée, Paris, France. Temperature regulating mixing apparatus for fluids. 2,127,162; Aug. 16.
- Costanzo, Carmen A., assignor of ten per cent to M. Taylor, Vancouver, British Columbia, Canada. Reflecting traffic signal. 2,141,683; Dec. 27.
- Costello, Thomas P. (See Lamb, Coy L., assignor.)
- Cotal, Jean, Paris, France. Clutching and speed changing mechanism. 2,120,733; June 14.
- Cotal, Jean, Paris, France. Coupling mechanism. 2,120,734; June 14.
- Cotal, Jean, Paris, France. Speed changing gear. 2,123,769; July 12.



- Cotal, Jean, Paris, France. Clutching and speed-changing mechanism. 2,123,770; July 12.
- Cotanch, Earl E., Los Angeles, Calif. Power transmission mechanism. 2,117,654; May 17.
- Cotea, Lester D., Dayton, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Expanding flame oil burner system. 2,117,021; May 10.
- Cotswold Comfortable Company. (See Milner, Cobb, assignor.)
- Cotta, Ralph L. (See Johnson, J. R., Oberhoffen, and Cotta.)
- Cotta, Ralph L., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Combined boring and milling machine drive. 2,123,649; July 12.
- Cotter, George L., Wilksburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Railway train brake equipment. 2,137,227; Nov. 22.
- Cotterman, Don R. (See Pryale, H. M., Clark, and Cotterman.)
- Cotterman, Frederick W., assignor to B. D. Apple, Dayton, Ohio. Seal for ball bearing structure. 2,104,188; Jan. 4.
- Cotterman, Frederick W., assignor to B. D. Apple, Dayton, Ohio. Molding thermoplastics. 2,104,189; Jan. 4.
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Automatic automotive transmission mechanism. 2,108,105; Feb. 15.
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Automatic overdrive gearing. 2,116,234; May 3.
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Planetary transmission mechanism. 2,120,831; June 14.
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Planetary transmission mechanism. 2,120,832; June 14.
- Cotterman, Frederick W., assignor to B. D. Apple, Dayton, Ohio. Motor construction. 2,123,933; July 19.
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Hydromechanical transmission for motor. 2,134,398; Oct. 25.
- Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Automatic planetary automotive transmission. 2,140,690; Dec. 20.
- Cotton Products Co. (See Sibille, John, assignor.)
- Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
- Cottrell, C. B., & Sons Company. (See Claybourn, Leslie W., assignor.)
- Cottrell, C. B., & Sons Company. (See Eckhard, William K., assignor.)
- Cottrell, C. B., & Sons Company. (See Luehrs, Hans J., assignor.)
- Cottrell, C. B., & Sons Company. (See Meyer, Joseph E., assignor.)
- Cottrell, Frederick G., Washington, D. C., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric filtration system. 2,116,509; May 10.
- Cottrell, Frederick G., Washington, D. C., assignor to Research Corporation, New York, N. Y. Purifying gases and apparatus therefor. 2,121,733; June 21.
- Cottrell, Robert B., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam safety guard. 2,105,998; Jan. 18.
- Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Brake. 2,131,703; Sept. 27.
- Cotts, James, St. Paul, Minn., assignor to A. F. Ward, Cincinnati, Ohio. Multiple baking pan. 2,139,999; Dec. 13.
- Couch, Claude D., Sanford, Fla. Fruit-picking bag. 2,113,876; Apr. 12.
- Couch, Forrest J., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Feeding device for ironing machines. 2,110,437; Mar. 8.
- Couch, Glenn F., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,108,653; Feb. 15.
- Couch, Glenn F., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,118,006; May 17.
- Couch, Glenn F., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,118,537; May 24.
- Couch, Henry R. (See Nadeau, G. E., and Couch.)
- Coughlan, Harold L., Dunedin, New Zealand. Sound recording oscilloscope. 2,137,768; Nov. 22.
- Coughlin, Frank R., Flushing, and P. V. Coughlin, Crestwood, N. Y. Removing metallic plating from a carrier band. 2,133,685; Oct. 18.
- Coughlin, George P., Fairbanks, Alaska. Self-dumping elevator. 2,125,547; Aug. 2.
- Coughlin, Paul V. (See Coughlin, Frank R. and P. V.)
- Coulson, Bevis P., Jr., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid surface condenser. 2,114,873; Apr. 19.
- Coulins, Wilbur J., and N. D. Colvin, assignors to Deere & Company, Moline, Ill. Gear housing. 2,125,489; Aug. 2.
- Coulins, Wilbur J., and N. D. Colvin, assignors to Deere & Company, Moline, Ill. Combined tank and elevator unit for agricultural implements. 2,131,273; Sept. 27.
- Coulter, Andrew F., Wilksburg, assignor to F. Schaefer, Pittsburgh, Pa. Brake beam leveler. 2,124,944; July 26.
- Coulter, Charles P., Jr., Great Neck, assignor to Nufibre Corporation, New York, N. Y. Fabric and yarn therefor. 2,119,468; May 31.
- Coulter, Charles P., Jr., Great Neck, assignor to Wellington Sears Company, New York, N. Y. Absorbent textile. 2,122,175; June 28.
- Coulter, George M., Leon, Kans. Steering mechanism for vehicles. 2,113,267; Apr. 5.
- Coulter, Guy H. (See Arbuckle, S. F., Coulter, and Godley.)
- Coulter, Guy H., and C. E. Godley, Highland Park, assignors to United Lens Corporation, Detroit, Mich. Sealing means. 2,114,957; Apr. 19.
- Coulter, Harold B., Mamaronock, assignor to The Dorr Company, Inc., New York, N. Y. Classifier. 2,106,549; Jan. 25.
- Coulter, Howard N., United States Navy, San Pedro, and G. R. Fisher, Mountain View, Calif. Visual indicating radio direction finder. 2,124,544; July 26.
- Coulter, Marion D., Pittsburgh, Pa., assignor, by mesne assignments, to Produce Conditioners, Inc. Method and apparatus for preserving vegetables. 2,113,782; Apr. 12.
- Coulter, Marion D., Pittsburgh, Pa., assignor to Toledo Scale Manufacturing Company. Preserving bakery products. 2,120,020; June 7.
- Coulter, Marion D., Pittsburgh, Pa., assignor to Toledo Scale Manufacturing Company. Preserving bakery products. 2,120,021; June 7.
- Coulter, Ronald S., Roselle Park, N. J., and A. F. Schumann, Baltimore, Md., assignors to Hauck Manufacturing Company, Brooklyn, N. Y. Burner. 2,134,471; Oct. 25.
- Council, John M., Wamanish, N. C. Turpentine worker's tool. 2,119,454; May 31.
- Countryman, Guy A., Ashland, Ohio. Attachment for hydraulic jacks. 2,135,278; Nov. 1.
- Coupe, George J. (See Smith, A. J., and Coupe.)
- Coupiet, Marcel M., J. E., Paris, France. Electric heating element. 2,130,715; Sept. 20.
- Coupland, Richard C., Norfolk, Va., assignor to the Secretary of War of the United States of America. Cooling gun barrels. 2,112,144; Mar. 22.
- Court, Frank T., assignor to Deere & Company, Moline, Ill. Cotton cleaner. 2,123,405; July 12.
- Courtaulds Limited. (See Hegan, Horace J., assignor.)
- Courtinade, Francois, New York, N. Y. Direction signal for vehicles. 2,107,104; Feb. 1.
- Courtney, Charles, New York, N. Y. Lock construction. 2,132,606; Oct. 11.
- Courtney, Francis T., Great Neck, N. Y. Airplane launching. 2,135,033; Nov. 1.
- Courtney, Gilbert Y., Detroit, Mich. Hot jet apparatus. 2,112,145; Mar. 22.
- Courtney, John F., Florence, S. C., assignor of one-half to H. S. Dennis, Augusta, Ga. Railway amusement apparatus. 2,135,230; Nov. 1.
- Courtney, Robert P., Maplewood, N. J., assignor to Bakelite Corporation, New York, N. Y. Abrasive article. 2,123,055; July 19.
- Courtois-Suffit, Roger M. R., Paris, France. Line and altitude delineator. 2,136,181; Nov. 8.
- Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Cushion unit forming apparatus. 2,133,428; Oct. 18.
- Cousins, Van M., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermionic amplifier. 2,135,562; Nov. 8.
- Coussement, Hilaire P., and F. Cappette, Roubaix, France. Grinding instrument for use in dental work. 2,109,086; Feb. 22.
- Coussement, Jerome. (See Monforts, J., and Coussement.)
- Costal, René A., Saint-Maur, assignor to Société Anonyme Stella-Lux, Paris, France. Lighting by sustained luminescence. 2,117,544; May 17.
- Costelx, Blaise, Boulogne sur Seine, assignor to Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Crey, Paris, France. Electrical furnace. 2,104,555; Jan. 4.
- Coutor, Charles, Premery, assignor to Société Anonyme: Établissements Lamblotte Frères, Premery, France. Concentrating acetic acids. 2,111,140; Mar. 15.
- Coutts, Harry G. (See Leiser, William J., assignor.)
- Couzin & Atwood (Proprietary) Limited. (See Ethell, Otto M., assignor.)
- Co Van, Harry E., and G. A. Bole, assignors to Standard Pyrometric Cone Company, Columbus, Ohio. Pyrometric cone. 2,129,912; Sept. 13.
- Coventry, William A., Lancaster Township, Lancaster County, assignor to Grey Iron Casting Company, Mount Joy, Pa. Display stand for toy soldiers or other merchandise. 2,112,070; Mar. 22.
- Cover, Berkeley E., Chicago, Ill., assignor to Cover Dual Signal Systems, Inc. Combined fire alarm, police alarm, and intercommunicating system. 2,129,315; Sept. 6.
- Cover Dual Signal Systems, Inc. (See Cover, Berkeley E., assignor.)
- Cover, Harvey S., South Bend, Ind. Valve. 2,105,183; Jan. 11.



- Cover, Harvey S., South Bend, Ind. Respirator. 2,106,795; Feb. 1.
- Cover, Harvey S., South Bend, Ind. Respirator. 2,112,270; Mar. 29.
- Cover, Harvey S., South Bend, Ind. Respirator. 2,120,230; June 14.
- Cover, Harvey S., South Bend, Ind. Respirator. 2,120,231; June 14.
- Cover, Ralph, Westminster, Md. Cutter head for corn cutting machines. 2,141,346; Dec. 27.
- Coverman, Harry E., Pottstown, Pa. Shirt. 2,131,220; Sept. 27.
- Covert, Lloyd W. (See Andrews, C. E., and Covert.)
- Covert, Lloyd W. (See Bruson, H. A., and Covert.)
- Covert, Lloyd W., Philadelphia, and C. E. Andrews, Overbrook, assignors to Röhm & Haas Company, Philadelphia, Pa. Producing alcohol by the catalytic hydrogenation of esters of carboxylic acids. 2,118,007; May 17.
- Cowan, Alan F., Shirley, assignor to The Metal Box Company Limited, London, England. Tin box intended to be vacuumized, or like container. 2,117,151; May 10.
- Cowan, Frank A., New York, N. Y., assignor to American Telephone and Telegraph Company. Composite set. 2,121,287; June 21.
- Cowan, Frank A., New York, N. Y., assignor to American Telephone and Telegraph Company. Distortion indicating and measuring device. 2,129,823; Sept. 13.
- Cowan, Frank A., New York, N. Y., assignor to American Telephone and Telegraph Company. Signal distortion measuring device. 2,132,678; Oct. 11.
- Cowan, Harry, Boston, Mass. Electrical steam generator. 2,140,516; Dec. 20.
- Cowden, Henry C., Cromona, Ky., assignor of one-fourth to G. W. Earles, Kingsport, Tenn. Miner's headgear. 2,131,617; Sept. 27.
- Coven, Milam A., Gladewater, assignor of one-fourth to E. Rasnek, Kilgore, Tex. Paraffin scraper. 2,130,267; Sept. 13.
- Coven, Rawson R., and C. L. Silvia, assignors to New Jersey Rubber Company, Taunton, Mass. Manufacture of rubber tubing. 2,125,001; July 26.
- Cowen, William, Brooklyn, N. Y. Extension handle fly swatter. 2,126,311; Aug. 9.
- Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Treating food materials. 2,123,134; July 5.
- Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Treatment of food materials. 2,137,205; Nov. 15.
- Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Treatment of food materials. 2,140,788; Dec. 20.
- Cowham Engineering Co. (See Curtis, James E., assignor.)
- Cowl, John S., Swoope, Va. Package inverting device. 2,125,548; Aug. 2.
- Cowles Company, The. (See Cowles, Edwin, assignor.)
- Cowles Detergent Company, The. (See Folger, Roy C., assignor.)
- Cowles, Edwin, Hopewell, assignor to The Cowles Company, Princeton, N. J. Separating apparatus. 2,133,974; Oct. 25.
- Cowles, Henry C., Jr. (See Ferris, S. W., and Cowles.)
- Cowles, Irving, Detroit, Mich., assignor to himself and R. W. Lotz, Chicago, Ill. Detachable hose coupling. 2,120,275; June 14.
- Cowles, Irving, Detroit, Mich., assignor to himself and R. W. Lotz, Chicago, Ill., as co-trustees. Flexible conduit connection. 2,121,624; June 21.
- Cowles, Laurence G. (See Wolf, A., Cowles, and Richardson.)
- Cowles, Paul R., Oakland, Calif. Moving track. 2,117,790; May 17.
- Cowley, Gerald L. (See Coleman, L. R., and Cowley.)
- Cox, Albert P., Young, Ariz. Table. 2,114,912; Apr. 19.
- Cox, Arthur C. (See Jones, J. E., and Cox.)
- Cox, Cyril C., and E. L. Purdy, Indianapolis, Ind. Mold cooling device for line casting machines. 2,126,536; Aug. 9.
- Cox, Daniel W. (See Cox, James H., assignor.)
- Cox, David C., assignor to Electric Sorting Machine Company, Lowell, Mich. Sorting homogeneous articles. 2,131,095; Sept. 27.
- Cox, David C., Lowell, assignor to Electric Sorting Machine Company, Grand Rapids, Mich. Photoelectric assorting device. 2,131,096; Sept. 27.
- Cox, Elmer E., et al. (See Armstrong, Norval H., assignor.)
- Cox, Ernest H., Houston, Tex. Well tester. 2,124,766; July 26.
- Cox, George D., assignor to Williams and Marcus Company, Philadelphia, Pa. Indicia holder for telephones. 2,105,685; Jan. 18.
- Cox, Geo. W., et al. (See Sterling, Rufus T., assignor.)
- Cox, Henry E., Bristol, and J. R. Torrance, Bath, England. Roller and roller and breast mills. 2,135,174; Nov. 1.
- Cox, Henry G., Beloit, Wis. Magneto rotor. 2,133,082; Oct. 11.
- Cox, Henry G., Hollywood, Fla. Magneto rotor. 2,133,083; Oct. 11.
- Cox, Henry L., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Diethyl ether of triethylene glycol. 2,122,129; June 28.
- Cox, Henry L., and T. F. Carruthers, South Charleston, W. Va., assignors to Union Carbide and Carbon Corporation. Mixed ester derivatives of glycol. 2,106,703; Feb. 1.
- Cox, Henry L., South Charleston, and J. D. Matlack, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of plastic compositions. 2,120,931; June 14.
- Cox, Henry L., and T. F. Carruthers, South Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Esters of glycol ethers. 2,132,679; Oct. 11.
- Cox, Herbert M., Kokomo, Ind. Annealing sheets. 2,141,518; Dec. 27.
- Cox, Irvin W., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Magnetogenerator. 2,133,686; Oct. 18.
- Cox, James A., Santa Fe, N. Mex. Padlock. 2,109,413; Feb. 22.
- Cox, James H., Los Angeles, Calif. Apparatus for preventing siphonic back flow. 2,111,614; Mar. 22.
- Cox, James H., assignor of one-half to D. W. Cox, Los Angeles, Calif. Fluid dispensing apparatus. 2,118,294; May 24.
- Cox, James L., Danvers, assignor to Hygrade Sylvanite Corporation, Salem, Mass. Gaseous electric discharge lamp. 2,105,138; Jan. 11.
- Cox, James L., Danvers, assignor to Hygrade Sylvanite Corporation, Salem, Mass. Electric discharge lamp. 2,142,047; Dec. 27.
- Cox, John C., and G. H. Thomas; said Cox assignor to Wagner Electric Corporation, St. Louis, Mo., and said Thomas assignor to P. M. Salerni, London, England. Change speed transmission. 2,104,608; Jan. 4.
- Cox, John C., W. F. Boldt, and G. H. Thomas, St. Louis, Mo.; said Cox and said Boldt assignors to Wagner Electric Corporation, St. Louis, Mo., and said Thomas assignor to P. M. Salerni, Westminster, London, England. Fluid coupling. 2,140,106; Dec. 13.
- Cox, John L. (See Ericsson, G., and Cox.)
- Cox, Joseph F., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Bag frame structure. 2,121,519; June 21.
- Cox, Joseph F., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Making bag frames. 2,123,842; July 12.
- Cox, Joseph F., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Making threaded nuts. 2,123,843; July 12.
- Cox, Joseph H. (See Kilgore, L. A., and Cox.)
- Cox, Leslie R., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power transfer circuit. 2,128,230; Aug. 30.
- Cox, Leslie R., Lyndhurst, N. J., and D. M. Terry, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuit. 2,133,429; Oct. 18.
- Cox, Loren C., Quincy, Ill. Auto lift. 2,112,481; Mar. 29.
- Cox, Louis C., Brightwaters, and J. Carisi, Jamaica, assignors to Federal Aircraft Corporation, Lindenhurst, N. Y. Internal combustion engine control. 2,125,066; July 26.
- Cox, Raymond E. (See Cole, G. M., and Cox.)
- Cox, Raymond E., assignor of one-half to W. N. Basham, Oakland, Calif. Automotive control system. 2,128,916; Sept. 6.
- Cox, Raymond E., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Altering the setting time of pectin. 2,133,273; Oct. 18.
- Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 2,125,221; July 26.
- Cox, Samuel F. (See Howse, C. L., Brelsford, Cox, and Thomas.)
- Cox, Samuel F. (See Thomas, W. P., Bowers, and Cox.)
- Cox, Thomas E., Birmingham, Ala. Concealed key receptacle for doors. 2,138,416; Nov. 29.
- Cox, Vernon L. (See Ashdown, K. T., and Cox.)
- Cox, Walter T., Chicago, Ill. Merchandising package. 2,106,629; Jan. 25.
- Cox, Willard R., St. Louis, Mo., and M. M. Morris, and W. L. Pierce, Venice, Ill. Dispensing device. 2,133,430; Oct. 18.
- Cox, William F., Irving, Tex. Oil well pump. 2,111,173; Mar. 15.
- Cox, William F., Irving, Tex. Oil well pump. 2,111,174; Mar. 15.
- Cox, William F., Irving, Tex. Oil well mechanism. 2,111,175; Mar. 15.
- Cox, William F., Irving, Tex. Well pump. 2,111,176; Mar. 15.
- Cox, William F., Shreveport, La. Well pump. 2,111,177; Mar. 15.
- Cox, William F., Winston-Salem, N. C. Flashing block. 2,112,332; Mar. 29.
- Cox, William J., Woodruff, Utah. Circumferentially divided wheel rim. 2,106,421; Jan. 25.
- Coyle, John W. (See Noll, Harry R., assignor.)
- Coyle, Joseph A., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Axminster loom. 2,140,468; Dec. 13.
- Coyne, John J., Scranton, Pa. Combined tallight and illuminated sign. 2,109,565; Mar. 1.



- Crabb, Donald E. (See Atwood, J. T., and Crabb.)
- Crabbe, Lindsay T., assignor to Phoenix Metal Cap Co., Inc., Chicago, Ill. Closure for containers. 2,135,386; Nov. 1.
- Crabbs, Herbert J. (See Lingal, H. J., and Crabbs.)
- Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,106,114; Jan. 18.
- Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,112,071; Mar. 22.
- Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Disconnect switch. 2,137,077; Nov. 15.
- Crabtree, John O., Hillcrest Thorne, assignor to R. W. Crabtree & Sons Limited, Leeds, England. Ink distribution in printing machines. 2,109,768; Mar. 1.
- Crabtree, R. W., & Sons Limited. (See Crabtree, John O., assignor.)
- Cracknell, Richard J., assignor to U. D. Engineering Company Limited, London, England. Refrigerating apparatus. 2,116,100; May 3.
- Craddock, Nicholas J., Westerly, R. I. Drop-side crib attachment. 2,130,268; Sept. 13.
- Craemer, Richard A., Los Angeles, Calif. Dispensing coagulated foodstuffs. 2,120,640; June 14.
- Craft, Leslie G., Oklahoma City, Okla. Knitting needle. 2,133,431; Oct. 18.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Sheet cutting, stitching, and folding mechanism. 2,104,452; Jan. 4.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary intaglio printing press. 2,110,289; Mar. 8.
- Craggs, Ross V., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Pneumatic conveyer for cigarette machines. 2,140,128; Dec. 13.
- Crago, Arthur, Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Differential concentration of non-metallic minerals. 2,105,807; Jan. 18.
- Crago, Harry R., Verona, N. J., assignor to General Electric Company. Reversible thermostatic control system. 2,120,488; June 14.
- Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Heating and cooling system. 2,121,625; June 21.
- Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Selective control for air-conditioning apparatus. 2,135,300; Nov. 1.
- Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Temperature control system. 2,136,235; Nov. 8.
- Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Selective control for air conditioning apparatus. 2,137,833; Nov. 22.
- Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Control system and apparatus for heating. 2,129,526; Sept. 6.
- Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,107,680; Feb. 8.
- Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Track rail contactor. 2,110,591; Mar. 8.
- Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling apparatus. 2,112,228; Mar. 29.
- Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,124,651; July 26.
- Cragun, Wilson H., Indianapolis, Ind. Ozonator. 2,113,913; Apr. 12.
- Craig, B. P., et al. (See Presby, Harry A., assignor.)
- Craig, Fred G., Wilmerding, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,120,323; June 14.
- Craig, George A. (See Ball, A. F., and Craig.)
- Craig, Harley J. (See Lee, C. E., and Craig.)
- Craig, Palmer H., Bethlehem, Pa., assignor to Inver Corporation, New York, N. Y. Detector circuits. 2,138,731; Nov. 29.
- Craig, Palmer H., Bethlehem, Pa., assignor to Inver Corporation. Electric regulator. 2,138,732; Nov. 29.
- Craig, Robert F., Stanley, N. C. Treating yarn. 2,128,121; Aug. 23.
- Craig, Wallace A., assignor to Vapor Treating Processes, Inc., Los Angeles, Calif. Treating hydrocarbon oils. 2,104,791; Jan. 11.
- Craig, Warren C., Little Rock, Ark. Collapsible tube holder. 2,118,725; May 24.
- Craighend, Walter B., St. Paul, Minn. Collapsible table. 2,137,229; Nov. 22.
- Craigon, Adam, Toronto, Ontario, Canada. Aerofoil. 2,130,582; Sept. 20.
- Craigue, Norman A., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cellulosic structures. 2,133,810; Oct. 18.
- Craik, James, Stevenston, Ayrshire, Scotland, assignor to Imperial Chemical Industries Limited. Treating textile materials and articles made therefrom. 2,123,562; July 12.
- Craik, Manley L., and C. E. Smith Greer, S. C. Warp beam holder for yarn drying machines. 2,104,507; Jan. 4.
- Cram, Geo. F., Company, The. (See Peterson, Edward A., assignor.)
- Cramer, Carl B., North Hollywood, Calif. Bullet molding device. 2,114,015; Apr. 12.
- Cramer, Frank N. (See Haberstump, A. H., and Cramer.)
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,105,808; Jan. 18.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preserving rubber and product. 2,109,165; Feb. 22.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,123,844; July 12.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators of vulcanization. 2,123,845; July 12.
- Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preserving rubber, and product. 2,136,335; Nov. 8.
- Cramer, Olive B., Sterling, Colo., and H. L. Blystone, Pasadena, Calif. Go-cart for babies. 2,129,316; Sept. 6.
- Cramer, Paul L., Highland Park, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Conversion of hydrocarbons. 2,117,022; May 10.
- Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,109,524; Mar. 1.
- Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Gauging machine. 2,116,926; May 10.
- Cramer, Robert E., Pittsburgh, Pa. Treating rods and wire. 2,118,168; May 24.
- Cramer, Theron A. (See Bancker, E. H., and Cramer.)
- Cramer, Thomas M., Long Beach, and G. A. Connell, Wilmington, Calif., assignors to Pacific Coast Borax Company. Granular nonvitreous desiccated borax. 2,131,793; Oct. 4.
- Cramer, Walter W., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,111,615; Mar. 22.
- Cramer, Walter W., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal repeater. 2,123,232; July 12.
- Cramer, Walter W., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,131,870; Oct. 4.
- Cramer, Walter W., Rutherford, and G. C. Cummings, Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter system. 2,117,705; May 17.
- Cramerton Mills. (See Hinson, O. C., and Dawson, assignors.)
- Crampton, Donald K., Marion, and N. W. Mitchell, assignors to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Corrosion resistant tubular article. 2,133,845; Oct. 18.
- Crampton, Donald K., Marion, and N. W. Mitchell, assignors to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Corrosion resistant tubular article. 2,133,847; Oct. 18.
- Crampton, Donald K., and N. W. Mitchell, Marion, assignors to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Corrosion resistant tubular article. 2,133,848; Oct. 18.
- Crandall, George S. (See Moran, R. C., and Crandall.)
- Crandall, George S. (See Moran, R. C., Fuller, and Crandall.)
- Crandall, John P., Buffalo, N. Y. Machine for delivering measured charges of fluent material. 2,121,070; June 21.
- Crandall, William H., Oakland, Calif. Halter. 2,114,178; Apr. 12.
- Crandell, Dean DeF., assignor to National Gypsum Company, Buffalo, N. Y. Producing plaster materials. 2,125,046; July 26.
- Crane, Augustus W., deceased, Kalamazoo, Mich.; C. H. Kleinstuck, executor. Making a golf ball. 2,122,270; June 28.
- Crane, Carl J., Albrook Field, Canal Zone, Panama. Electrical signaling apparatus. 2,110,869; Mar. 15.
- Crane Co. (See Dopp, Carl A., assignor.)
- Crane Co. (See Flodin, Victor E., assignor.)
- Crane Co. (See Frederickson, Edward A., assignor.)
- Crane Co. (See Kacena, John, assignor.)
- Crane Co. (See Pierson, C. M., and McPherson, assignors.)
- Crane Co. (See Zinkil, Roy H., assignor.)
- Crane Co. (See Zinkil, R. H., and Frederickson, assignors.)
- Crane Co., of Minnesota. (See Clark, Frank G., assignor.)
- Crane Company of Minnesota. (See Hougland, Albert C., assignor.)
- Crane, Edward E., assignor to Norman E. Crane, Newark, N. J. Building board. 2,106,390; Jan. 23.
- Crane, Edward J., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Liquid flow control system. 2,111,941; Mar. 22.
- Crane, Hubert R., Los Angeles, Calif. Rod coupling. 2,110,202; Mar. 8.
- Crane, Joshua, Boston, Mass. Collapsible container for material which is adapted to be expanded. 2,139,555; Dec. 6.
- Crane, Myrick. (See Hurst, E., and Crane.)



- Crane, Norman E. (See Crane, Edward F., assignor.)  
 Crane Packing Company. (See Payne, Frank E., assignor.)  
 Cranford, Wilbert W., and G. I. Butler, La Grange, Ill. Machine for testing golf balls and the like. 2,124,731; July 26.  
 Cranston Print Works Company. (See Stevens, Frank J., assignor.)  
 Crapo, Frederick M., assignor to Indiana Steel & Wire Company, Muncie, Ind. Overhead electric transmission line. 2,118,008; May 17.  
 Crapo, Frederick M., assignor to Indiana Steel & Wire Company, Muncie, Ind. Making zinc-coated ferrous wire. 2,118,758; May 24.  
 Crary, Horace A., assignor to Pennsylvania Furnace & Iron Co., Warren, Pa. Burner and control unit for furnaces. 2,131,221; Sept. 27.  
 Crary, Jay D., Portland, Oreg. Carrying bag. 2,122,025; June 28.  
 Crary, Palmer H., assignor of fifteen per cent to W. F. A. Buehner, Miami, Fla. Fluid power engine. 2,136,182; Nov. 8.  
 Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,128,802; Aug. 30.  
 Crater, Willard D., Newark, assignor to Hercules Powder Company, Wilmington, Del. Preparation of nitroisobutylglycerol trinitrate and nitroisobutylglycol dinitrate. 2,112,749; Mar. 29.  
 Crates, Robert C., Findlay, Ohio. Combination shade and curtain support. 2,123,097; July 5.  
 Cravaritis, Andrew, assignor to National Silver Deposit Ware Co., Inc., New York, N. Y. Cocktail shaker. 2,110,970; Mar. 15.  
 Cravaritis, Andrew, assignor to National Silver Deposit Ware Co., Inc., New York, N. Y. Tantalus set. 2,113,461; Apr. 5.  
 Craven, Henry E., Jr., Baltimore, and F. K. Knudsen, Gevans, assignors to The Porcelain Enamel & Manufacturing Company of Baltimore, Baltimore, Md. Method of and apparatus for granulating porcelain enamel and the like. 2,137,931; Nov. 22.  
 Craven, Jay A., Dayton, Ohio. Collapsible core. 2,111,063; Mar. 15.  
 Cravens, Carl, Federal, N. Mex. Automatic pump pipe drain mechanism. 2,126,450; Aug. 9.  
 Craver, Augustus E. (See Reichel, F. H., and Craver.)  
 Crawford, Arthur B., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable tuned circuits. 2,116,996; May 10.  
 Crawford Austin Manufacturing Co. (See Tabb, Oscar C., assignor.)  
 Crawford, Bruce D., Cedar Grove, N. J., and H. A. Grine, Chestertown, Md. Flotation of culm. 2,136,074; Nov. 8.  
 Crawford, David A., Golf, A. E. McKinnon, Homewood, and C. H. Apel, Chicago, assignors to The Pullman Company, Chicago, Ill. Railway car. 2,134,032; Oct. 25.  
 Crawford Door Company. (See Casse, Joseph E., assignor.)  
 Crawford Door Company. (See Siess, H. J., and Casse, assignors.)  
 Crawford, H. G., et al. (See Brown, Glinn R., assignor.)  
 Crawford, J. E., et al. (See Brown, Glinn R., assignor.)  
 Crawford, James M., Detroit, and H. A. Schwager, Royal Oak, assignors to General Motors Corporation, Detroit, Mich. Ignition distributor. 2,107,470; Feb. 8.  
 Crawford, John W. C., and J. McGrath, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Plastic materials and production thereof. 2,108,044; Feb. 15.  
 Crawford, John W. C., and J. McGrath, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Production of methacryl-containing compounds. 2,140,469; Dec. 13.  
 Crawford Manufacturing Company. (See Cone, Burtis O., assignor.)  
 Crawford, Matthew O., Detroit, and M. B. Heffler, Grosse Pointe Park, assignors to Zenith Carburetor Company, Detroit, Mich. Pressure reducing device. 2,118,295; May 24.  
 Crawford, Richard A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Printing ink. 2,120,393; June 14.  
 Crawford, Robert B. P. (See Brace, K. P., and Crawford.)  
 Crawford, Robert B. P. (See Labus, O. A., and Crawford.)  
 Crawford, Robert B. P., Fort Worth, Tex. Air conditioning system for aeroplanes or the like. 2,127,993; Aug. 23.  
 Crawford, Robert B. P., New York, N. Y., assignor to Frick Company, Waynesboro, Pa. Air conditioning system. 2,104,851; Jan. 11.  
 Crawford, Robert B. P., Brooklyn, N. Y., assignor, by mesne assignments, to Auditorium Conditioning Corporation, Jersey City, N. J. Air conditioning system. 2,110,203; Mar. 8.  
 Crawford, Robert B. P., Brooklyn, N. Y., assignor to Frick Company, Waynesboro, Pa. Air conditioning system. 2,112,520; Mar. 29.  
 Crawford, Robert B. P., Washington, D. C., assignor to Frick Company, Waynesboro, Pa. Air conditioning system. 2,137,769; Nov. 22.  
 Crawford, Robert B. P., Washington, D. C., assignor to Frick Company, Waynesboro, Pa. Air conditioning system. 2,137,996; Nov. 22.  
 Crawford, Samuel M., Hollywood, Calif. Swing. 2,123,233; July 12.  
 Crawford, Wilbur F., Waco, Tex. Awning. 2,105,409; Jan. 11.  
 Crawford, Wilbur F., Waco, Tex. Ventilator for truck covers. 2,119,905; June 7.  
 Crawford, William M., White Stone, and E. Yoss, Richmond, Va. Holder for newspapers and magazines. 2,120,857; June 14.  
 Crawley, Charles H., Lakewood, assignor to The Weatherhead Company, Cleveland, Ohio. Making fittings. 2,119,420; May 31.  
 Crawley, Everett H., Louisville, Ky. Petroleum resin and making same. 2,114,796; Apr. 19.  
 Craymer, Henry J., Chelmsford, England, assignor to Radio Corporation of America. Variable inductance. 2,139,443; Dec. 6.  
 Creamer, Edgar R., assignor to The George R. Carter Company, Detroit, Mich. Molded core strip. 2,108,981; Feb. 22.  
 Creamery Package Mfg. Company, The. (See Larsen, Olaf, assignor.)  
 Creason, Frank, Liberty, Mo. Machine for producing traffic lines in concrete. 2,125,254; July 26.  
 Crecca, John D., U. S. Navy. Securing sheathing to metal. 2,134,705; Nov. 1.  
 Crecca, John D., U. S. Navy, and S. S. Scott, St. Albans, N. Y. Portable device for end-welding. 2,115,707; May 3.  
 Crecca, John D., and S. S. Scott, St. Albans, N. Y. Material for initiating a welding arc. 2,138,025; Nov. 29.  
 Creb, John, and F. Corlett, Hamilton, Ontario, Canada. Refill fuse plug. 2,119,269; May 31.  
 Creech, Charles L., Jr., Winston-Salem, N. C. Refectory table. 2,111,616; Mar. 22.  
 Creed and Company. (See Salmon, Reginald D., assignor.)  
 Creed and Company. (See Salmon, R. D., and Thomas, assignors.)  
 Creed and Company Limited. (See Salmon, Reginald D., assignor.)  
 Creed, Frederick G., Addiscombe, Croydon, England. Floating station. 2,107,886; Feb. 8.  
 Creed, James G., Houston, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Measuring line catcher. 2,105,636; Jan. 18.  
 Creehan, Edward P., U. S. Navy. Radiant energy projector. 2,129,676; Sept. 13.  
 Creek Chub Bait Company. (See Davenport, Sam F., assignor.)  
 Creighton, Olin C., assignor to The Kristee Manufacturing Company, Akron, Ohio. Clothes brush. 2,122,090; June 28.  
 Creighton, Thomas A., Lemoore, Calif. Method and apparatus for releasing fluid from drill pipe. 2,128,352; Aug. 30.  
 Creighton, Thomas A., Long Beach, assignor of one-half to J. C. Wright, Los Angeles, Calif. Cementing well casings. 2,107,327; Feb. 8.  
 Cremer, Charles W., Des Moines, Iowa, assignor to Calumet Refining Company, Chicago, Ill. Demonstrating apparatus. 2,116,617; May 10.  
 Cremer, Konrad, assignor to Chemische Fabrik Stockhausen & Cie., Krefeld, Germany. Obtaining high grade sulphuric acid esters. 2,127,641; Aug. 23.  
 Crescent, André J. A., Paris, and A. J. Robinet, Villefranche-sur-Saone, France; said Robinet assignor to said Crescent. Container for the transport of merchandise. 2,116,825; May 10.  
 Crescent Manufacturing Co. (See Uren, Joseph W., assignor.)  
 Cresien, Albert F., McComb, Miss. Power hammer. 2,123,563; July 12.  
 Crespin, George, assignor to A. Goldstein, New York, N. Y. Rubber shuttlecock. 2,116,304; May 3.  
 Cresswell, John A., and C. H. Leavell, Chicago, Ill. Spherical book. 2,117,946; May 17.  
 Cresswell, Everett W., Auburn, Mass. Target game. 2,113,719; Apr. 12.  
 Cresswell, Everett W., Auburn, Mass. Sparking target game. 2,119,572; June 7.  
 Cressy, Charles O., Tiverton, assignor to Narragansett Products Corporation, Providence, R. I. Liquid level indicating device. 2,134,104; Oct. 25.  
 Cretors, Charles J., Chicago, Ill. Corn popping machine. 2,112,358; Mar. 29.  
 Creveling, John L., near Tucson, Ariz. Lubricating means. 2,123,404; July 12.  
 Creveling, John L., near Tucson, Ariz. Lubricating means. 2,136,492; Nov. 15.  
 Creveling, John L., Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,118,373; May 24.  
 Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, Chicago, Ill. Centralized lubrication system. 2,126,451; Aug. 9.  
 Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device and securing same. 2,126,452; Aug. 9.



- Creveling, John L., near Tucson, Ariz., assignor to The Safety Car Heating & Lighting Company. Electric system. 2,133,975; Oct. 25.
- Creveling, John L., near Tucson, Ariz., assignor to The Safety Car Heating & Lighting Company. Electric system. 2,133,976; Oct. 25.
- Crew, Joshua A., assignor to The Ayers Mineral Company, Zanesville, Ohio. Producing molding sand addition agents. 2,112,333; Mar. 29.
- Crew, Leon E., Elmhurst, assignor to Delaware Floor Products, Inc., Wilmington, Del. Apparatus for face saturating porous materials in the manufacture of hard surface floor coverings. 2,117,840; May 17.
- Crowdson, Sarah M., assignor of one-third to R. H. Goodhart, Chicago, Ill. Attachment for sewing machines. 2,105,184; Jan. 11.
- Crewe, John E., Rochester, Minn. Therapeutic apparatus. 2,115,482; Apr. 26.
- Crewe, Samuel, East Cleveland, assignor to Maintenance Research, Ltd., Cleveland, Ohio. Cartridge for caulking guns. 2,111,582; Mar. 22.
- Cricco, Robert, Hoboken, N. J. Handle attaching device. 2,129,263; Sept. 6.
- Crichton, James V., assignor of one-half to K. Salberg, Philadelphia, Pa. Wheel brake mechanism. 2,108,401; Feb. 15.
- Crickmer, Charles S., assignor to The Guiberson Corporation, Dallas, Tex. Tubing catcher. 2,118,497; May 24.
- Crickmer, Charles S., assignor to Merla Tool Company, Dallas, Tex. Packer. 2,131,274; Sept. 27.
- Crickmer, Charles S., assignor to Merla Tool Company, Dallas, Tex. Slip mounting. 2,131,275; Sept. 27.
- Crickmer, Charles S., assignor to Merla Tool Company, Dallas, Tex. Well packer. 2,136,674; Nov. 15.
- Crickmer, Charles S., and R. A. Lamb, assignors to Merla Tool Company, Dallas, Tex. Packing element. 2,132,723; Oct. 11.
- Cridger, Thomas G., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air treating apparatus. 2,114,761; Apr. 19.
- Crisger, Guy N., and L. R. Dehler, Rock Island, Ill. Incandescent electric lamp base. 2,134,472; Oct. 25.
- Crighton, John, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Feeding of cards or like articles from a stack. 2,109,208; Feb. 22.
- Crighton, John, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Opening of collapsed shells of slide and shell containers. 2,121,186; June 21.
- Crighton, John, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Packing of cigarettes and the like. 2,121,187; June 21.
- Crighton, John, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Cigarette and like packing machine. 2,124,187; July 19.
- Criley, William W., Cleveland, Ohio. Forging machine. 2,106,830; Feb. 1.
- Criley, William W., Cleveland, Ohio. Combination safety slip and drive mechanism. 2,108,165; Feb. 15.
- Criley, William W., Cleveland, Ohio. Hydraulic clutch. 2,120,798; June 14.
- Criley, William W., Cleveland, Ohio. Gripping mechanism. 2,121,119; June 21.
- Criley, William W., Cleveland, Ohio. Fluid operated clutch. 2,123,867; July 19.
- Criley, William W., Cleveland, Ohio. Forging roll adjusting means. 2,130,069; Sept. 13.
- Criley, William W., Cleveland, Ohio. Air compressor attachment and brake for forging machines. 2,141,951; Dec. 27.
- Criley, William W., Cleveland, assignor to The Ajax Manufacturing Company, Euclid, Ohio. Feeding and transfer mechanism. 2,120,022; June 7.
- Criley, William W., and F. W. Gaines, 3rd, Cleveland, Ohio. Apparatus for forming blanks from hot rolled wire stock. 2,126,453; Aug. 9.
- Crillon, Marcel V., Marseille, France. Cylinder head for internal combustion engines, for the vaporization of light fuel and for cracking of heavy oils. 2,108,706; Feb. 15.
- Crilly, William P., Pico, Calif. Display stand. 2,114,735; Apr. 19.
- Crimmins, Neil A., Stoughton, Mass., assignor, by mesne assignments, to United States Rubber Products, Inc., New York, N. Y. Elastic fabric. 2,120,665; June 14.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Grinder. 2,107,105; Feb. 1.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,110,290; Mar. 8.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Apparatus for twisting rolls of dough. 2,115,572; Apr. 26.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,126,987; Aug. 16.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,134,105; Oct. 25.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,134,084; Nov. 1.
- Criqui, Charles A. (See Larkin, Elwood T., assignor.)
- Crise Electric Manufacturing Company. (See Crise, George W. and W. P., assignors.)
- Crise, George W. and W. P., assignors, by direct and mesne assignments, to Crise Electric Manufacturing Company, Mount Vernon, Ohio. Operating shaded pole motors. 2,134,685; Nov. 1.
- Crise, Wilford P. (See Crise, George W. and W. P.)
- Crisler, Vern J., and W. J. Friedland, Chicago, Ill. Fixture for filing articles. 2,121,188; June 21.
- Crisman, William P., Takoma Park, Md., assignor to Southern Dairies, Inc., Washington, D. C. Storage cabinet for ice cream and the like. 2,112,015; Mar. 22.
- Crisman, William P., Takoma Park, Md., assignor to Southern Dairies, Inc., Washington, D. C. Storage cabinet for ice cream and the like. 2,112,482; Mar. 29.
- Crisp, Park P., Stow, and W. E. Haggan, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for making rubber fenders. 2,132,819; Oct. 11.
- Crist, Donald M., San Francisco, Calif., assignor to Titanium Steel Alloy Company. Making steel and iron alloys. 2,108,043; Feb. 15.
- Crist, William E., Jr., Springfield, Ohio. Tensioning apparatus for material rolls. 2,121,902; June 28.
- Criswell, Everett A., Georgetown, Ind. Disk furrow opener. 2,132,147; Oct. 4.
- Critchfield, Robert M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Sounding signal device. 2,135,328; Nov. 1.
- Critchfield, Robert M., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Sound signal. 2,141,641; Dec. 27.
- Critchley, James V., assignor to Flitz-On Sales Corporation, Worcester, Mass. Top lift attachment. 2,111,314; Mar. 15.
- Crites, Joe, Evanston, Ill., assignor, by mesne assignments, to Combustion Engineering Company, Inc. Rotary bowl mill. 2,112,359; Mar. 29.
- Crittall Greenhouses Limited. (See Walker, Frederick P., assignor.)
- Critical Manufacturing Company, The. (See Crittall, V. G., and Bywater, assignors.)
- Crittall, Valentine G., and W. C. Bywater, assignors to The Crittall Manufacturing Company, Limited, Braintree, England. Metal window and stay therefor. 2,113,877; Apr. 12.
- Crittenden, Butler P., assignor to Louisiana Oil Refining Corporation, Shreveport, La. Combined liquid phase and vapor phase oil cracking process. 2,139,672; Dec. 13.
- Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor unloading device. 2,110,720; Mar. 8.
- Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic brake shoe. 2,130,615; Sept. 20.
- Crocker, Clarence T., Daytona Beach, Fla., assignor to General Electric Company. Electric arc lamp. 2,125,769; Aug. 2.
- Crocker, Ernest B., Stratford, Conn., assignor, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Valve. 2,110,481; Mar. 8.
- Crocker, Ernest C., Belmont, assignor to Arthur D. Little Incorporated, Cambridge, Mass. Tooth paste. 2,128,917; Sept. 6.
- Crocker, Ernest C., Belmont, and H. J. Billings, Acton, Mass., assignors to Arthur D. Little, Inc. Air filtering material. 2,122,514; July 5.
- Crocker First National Bank of San Francisco. (See Moseley, Tomlinson I., assignor.)
- Crocker, Ira H., Wilmet, S. Dak. Directional signal. 2,121,685; June 21.
- Crocker, Percival B., assignor to The Sentry Company, Foxboro, Mass. Electric furnace. 2,126,454; Aug. 9.
- Crocker, Thomas E., and N. H. Saunders, Chicago, and C. E. Lomax, Oak Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Measured service telephone system. 2,113,080; Apr. 5.
- Crocker-Wheeler Electric Manufacturing Company. (See Spencer, Millard C., assignor.)
- Crockett, Harry L., assignor to Winchester Repeating Arms Company, New Haven, Conn. Firearm. 2,116,618; May 10.
- Crockett, James B., Malden, assignor to Heventex Corporation, Melrose, Mass. Centrifugal concentration of rubber latex or the like. 2,122,333; June 28.
- Crockett, Lynn, Flint, Mich. Carburetor. 2,137,665; Nov. 22.
- Crockett, Robert A., and R. H. Crockett, Cincinnati, Ohio. Heating system and method. 2,107,933; Feb. 8.
- Crockett, Robert H. (See Crockett, Robert A., and R. H.)
- Crockett, Valentine V., Wauwatosa, Wis. Safety swimming sleeve. 2,111,358; Mar. 15.
- Crockett, William P. (See Crockett, William P., Jr., assignor.)
- Crockett, William P., Jr. (See Crockett, William P., and W. P., Jr.)
- Crockett, William P., and W. P. Crockett, Jr., assignors to Hospo, Inc., Chicago, Ill. Electric light fixture. 2,104,441; Jan. 4.
- Crockett, William P., Jr., assignor, by mesne assignments, to W. P. Crockett, Chicago, Ill. Electrical signal switch. 2,119,778; June 7.
- Crockford, Joseph R., New York, N. Y. Padding for pressing devices. 2,125,603; Aug. 2.



- Croff, Milford L., Morley, Mich. Material handling truck. 2,131,426; Sept. 27.
- Croft, John J., assignor to High Point Bending & Chair Co., Siler City, N. C. Folding chair. 2,110,519; Mar. 8.
- Croft, Martin S., Chicago, Ill. Exhibiting and viewing apparatus. 2,113,397; Apr. 5.
- Croft, Walter J., Jr., West Roxbury, Mass., assignor to International Braid Company. Braid former. 2,121,071; June 21.
- Crombie, George, Sr., assignor to The Stearns-Roger Manufacturing Company, Denver, Colo. Fire wall construction. 2,107,524; Feb. 8.
- Crombie, John B., and B. H. Manning, said Crombie assignor to Mildred Crombie, Chicago, Ill. Liquid flow control device for combustion engines. 2,104,852; Jan. 11.
- Crombie, Mildred. (See Crombie, J. B., assignor, and Manning.)
- Cromer, Bryant S., et al. (See Wheeler, Charles E., assignor.)
- Cromer, Sylvan, and I. F. Bingham, Norman, Okla. Method and apparatus for testing materials. 2,138,141; Nov. 29.
- Crommey, George, New York, N. Y. Fireproof storage compartment for vehicles. 2,136,784; Nov. 15.
- Crompton, George, Jr., assignor to Norton Company, Worcester, Mass. Automatic steady rest for grinding machines. 2,141,596; Dec. 27.
- Crompton & Knowles Loom Works. (See Adams, George E., assignor.)
- Crompton & Knowles Loom Works. (See Cederlund, Albert, assignor.)
- Crompton & Knowles Loom Works. (See Dacey, Edward J., assignor.)
- Crompton & Knowles Loom Works. (See Holmes, Elbridge R., assignor.)
- Crompton & Knowles Loom Works. (See Jennings, Victor H., assignor.)
- Crompton & Knowles Loom Works. (See Lindegren, C. J., and Olch, assignors.)
- Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
- Crompton & Knowles Loom Works. (See Regan, John, assignor.)
- Crompton & Knowles Loom Works. (See Robertson, William W., assignor.)
- Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
- Crompton & Knowles Loom Works. (See Vose, Lewis S., assignor.)
- Crompton & Knowles Loom Works. (See Wattle, William M., assignor.)
- Crompton & Knowles Loom Works. (See Wentz, Earl J., assignor.)
- Cromwell, Robert H. (See Hyde, R. W., and Cromwell.)
- Crook, James M., Huntington, W. Va. Closure for containers of liquid or semiliquid substances. 2,107,106; Feb. 1.
- Crooks, Donald M., Tucson, Ariz. Microtome and attachment therefor. 2,113,932; Apr. 12.
- Crooks, Kenneth E., Williamsport, Pa. Coating. 2,104,637; Jan. 4.
- Crooks, Kenneth E., Williamsport, Pa. Composite floor. 2,119,804; June 7.
- Crosby, Harold M. (See Peters, J., and Crosby.)
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Multiple phase modulation. 2,104,318; Jan. 4.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency multiplication phase modulation receiver. 2,112,881; Apr. 5.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Reception of phase modulated waves. 2,114,335; Apr. 19.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver. 2,115,360; Apr. 26.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic tuning control. 2,123,716; July 12.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,127,486; Aug. 16.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver. 2,134,033; Oct. 25.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency or phase modulation receiver. 2,138,341; Nov. 29.
- Crosby, Robert A., Milton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,111,556; Mar. 22.
- Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 2,136,374; Nov. 15.
- Crosby, Stephen T., Los Angeles, Calif. Toilet accessory. 2,117,403; May 17.
- Crosby, Vernon E., Minneapolis, Minn. Combination toilet seat and cover. 2,111,044; Mar. 15.
- Crosley, Lewis M., and R. H. Money, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Diaphragm type evaporator. 2,108,744; Feb. 15.
- Crosley, Lewis M., and F. E. Johnston, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Helmet for therapeutic scalp treatments. 2,123,418; July 12.
- Crosley, Powell, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Device for conditioning and cooling air. 2,105,108; Jan. 11.
- Crosley, Powell, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator door latch. 2,135,799; Nov. 8.
- Crosley, Powell, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Canopy and construction pertaining thereto. 2,133,846; Oct. 18.
- Crosley, Powell, Jr., and R. H. Money, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator construction. 2,116,619; May 10.
- Crosley Radio Corporation, The. (See Crosley, L. M., and Johnston, assignors.)
- Crosley Radio Corporation, The. (See Crosley, L. M., and Money, assignors.)
- Crosley Radio Corporation, The. (See Crosley, Powell, Jr., assignor.)
- Crosley Radio Corporation, The. (See Johnston, Fred E., assignor.)
- Crosley Radio Corporation, The. (See Kierulff, William E., assignor.)
- Crosley Radio Corporation, The. (See Money, Roland H., assignor.)
- Crosley Radio Corporation, The. (See Myers, William H., assignor.)
- Crosley Radio Corporation, The. (See Peterson, Charles W., assignor.)
- Crosley Radio Corporation, The. (See Willging, Louis F., assignor.)
- Crosley Radio Corporation, The. (See Zahodiakin, Victor F., assignor.)
- Crosman, J. Heron, III, et al. (See Quick, Raymond B., assignor.)
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Listing adding machine. 2,107,142; Feb. 1.
- Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing adding machine. 2,118,700; May 24.
- Crosman, Loring P., Maplewood, assignor, by mesne assignments, to Monroe Calculating Machine Company, Orange, N. J. Listing calculator. 2,134,280; Oct. 25.
- Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Mechanical movement. 2,134,603; Oct. 25.
- Crosman Seed Corporation, Inc. (See Flagler, Dudley W., assignor.)
- Cross, Arthur W., Keyser, W. Va. Container for pneumatic tube conveyers. 2,127,500; Aug. 23.
- Cross Brothers Company. (See Goodenough, Russell E., assignor.)
- Cross, James R., St. Petersburg, Fla. Electric cooking utensil. 2,119,421; May 31.
- Cross, Leonard W., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Apparatus for manufacturing expanded metal. 2,106,967; Feb. 1.
- Cross, Leonard W., Warwood, assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Treatment of expanded metal. 2,114,592; Apr. 19.
- Cross, Leonard W., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Reinforcement for plastic material. 2,116,668; May 10.
- Cross, Leonard W., Warwood, assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Structural member and manufacture thereof. 2,141,642; Dec. 27.
- Cross, Marrero. (See Huseby, Oscar H., assignor.)
- Cross Parking Systems, Inc. (See Buettell, Samuel E., assignor.)
- Cross Parking Systems, Inc. (See Jenney, Robert T., assignor.)
- Cross, Ralph L. (See Burns, Thomas, assignor.)
- Cross, Roland C., Bath, Somerset, England. Insulating internal combustion engine. 2,109,633; Mar. 1.
- Cross, Roy and W. M., Jr., assignors to Kansas City Testing Laboratory, Kansas City, Mo. Drilling wells. 2,129,913; Sept. 13.
- Cross, Thomas, Jr. (See Fulton, S. C., and Cross.)
- Cross, Thomas, Jr., and S. C. Fulton, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of liquid hydrocarbons from gaseous olefines. 2,129,649; Sept. 13.
- Cross, Walter M., Jr. (See Cross, Roy and W. M., Jr.)
- Crosse, Margaret. (See Moon, Alexandre, assignor.)
- Crossen, Robert W., Jr., Plainfield, and H. Somervell, Evanston, assignors to Farrell Manufacturing Company, Joliet, Ill. Tank vehicle. 2,106,206; Jan. 25.
- Crossland, Stuart, Dearborn, Mich., assignor to Universal Products Company, Inc. Boot for universal joints. 2,134,358; Oct. 25.
- Crossley, Alfred. (See Spearin, Harold P., assignor.)
- Crossley, Alfred, and H. E. Meinema, assignors to Johnson Laboratories, Inc., Chicago, Ill. High-frequency resonant system. 2,104,792; Jan. 11.
- Crossley, Alfred, and H. E. Meinema, assignors to Johnson Laboratories, Inc., Chicago, Ill. Automatic volume control system. 2,106,207; Jan. 25.
- Crossley, Arthur, Bolton, England. Solid plaited material. 2,107,661; Feb. 8.
- Crossley, Frank S. (See Cope, A. C., Hartung, and Crossley.)



- Crossley, Moses L., Plainfield, and L. M. Shafer, Highland Park, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Metallized orange to brown azo dyes. 2,120,799; June 14.
- Crossley, Moses L., Plainfield, and L. M. Shafer, Highland Park, assignors to The Calco Chemical Co., Inc., Bound Brook, N. J. Orange disazo dyes. 2,127,478; Aug. 16.
- Crossley, Moses L., Plainfield, and L. M. Shafer, Highland Park, assignors to Calco Chemical Company, Inc., Bound Brook, N. J. Metallized acid Polyazo dyes. 2,136,650; Nov. 15.
- Crossman, Milledge A., Reading, Mass. Heat conserver for ranges. 2,136,100; Nov. 8.
- Crossman, Roy E., Joplin, Mo. Lock protector. 2,114,913; Apr. 19.
- Crossman, Theodore C., Wilkesburg, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,133,162; Oct. 11.
- Crosthwaite, David N., Jr., and A. J. Hesmer, Marshalltown, Iowa, and J. H. Brennan, Michigan City, Ind., assignors to C. A. Dunham Company, Marshalltown, Iowa. Regulating radiator valve. 2,114,139; Apr. 12.
- Crosti, Pietro, Milan, Italy. Pipe joint. 2,117,152; May 10.
- Crotty, Harold F., Boston, Mass., assignor to General Electric Company. Cable connector. 2,111,419; Mar. 15.
- Crotty, James J., and L. Roth, Brooklyn, N. Y. Individual compartment construction for luggage. 2,131,583; Sept. 27.
- Crouch, Richard H., assignor to Automatic Machinery Corporation, Pulaski, Va. Round corner. 2,134,999; Nov. 1.
- Crouch, Richard H., assignor to Automatic Machinery Corporation, Pulaski, Va. Round corner. 2,135,000; Nov. 1.
- Crouch, Wentworth W., and A. I. Hess, assignors to Eastman Kodak Company, Rochester, N. Y. Shipping carton for motion picture film. 2,129,198; Sept. 6.
- Croucher, Harry J. S., Farnham, England. Jig for use in metallog bearings. 2,107,978; Feb. 8.
- Crouse, Eugene D., Washington, D. C. Diaper pad. 2,118,169; May 24.
- Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
- Crow, Raymond L., Lawrence, Kans. Drill hole cleaning device. 2,103,195; Feb. 15.
- Crowder, William A., assignor to Pyrene Manufacturing Company, Newark, N. J. Electroplating anode unit. 2,112,691; Mar. 29.
- Crowder, William A., assignor to Pyrene Manufacturing Company, Newark, N. J. Electrolytically depositing iron. 2,118,395; May 24.
- Crowder, William A., assignor to Pyrene Manufacturing Company, Newark, N. J. Electrolytically depositing iron and nickel alloy. 2,131,427; Sept. 27.
- Crowe, John M. (See Johnston, Irvin C., assignor.)
- Crowe, Orley J., assignor to Herron-Zimmers Molding Company, Detroit, Mich. Closure frame. 2,119,667; June 7.
- Crowe, Thomas B. (See Mills, L. D., and Crowe.)
- Crowe, Thomas B. (See Mills, L. D., Crowe, and Haun.)
- Crowell, Arnold L., Olmsted Falls, assignor to The Ohio Boxboard Company, Rittman, Ohio. Handle assembly for boxes and the like. 2,123,771; July 12.
- Crowell, Erd V., Los Angeles, Calif. Apparatus for oil well cementing. 2,120,694; June 14.
- Crowell, Joyce H., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Purification of maleic anhydride. 2,129,166; Sept. 6.
- Crowey, Norman J. (See Drake, A. M., and Crowey.)
- Crowley, Clyde A., Chicago, and G. H. Goodyear, Evans-ton, assignors to The Huey Company, Chicago, Ill. Light sensitive paper and treating same. 2,113,423; Apr. 5.
- Crowley, Clyde A., and G. H. Goodyear, assignors to The Huey Company, Chicago, Ill. Light sensitive paper and treating same. 2,130,070; Sept. 13.
- Crowley, Clyde A., and G. H. Goodyear, assignors to The Huey Company, Chicago, Ill. Light sensitive paper and treating same. 2,130,071; Sept. 13.
- Crowley, Clyde A., and G. H. Goodyear, assignors to The Huey Company, Chicago, Ill. Light sensitive paper and treating same. 2,137,015; Nov. 15.
- Crowley, Cornelius J., assignor to The Seamless Rubber Company, New Haven, Conn. Bathing Cap. 2,131,344; Sept. 27.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,124,909; July 26.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Air chuck. 2,141,033; Dec. 20.
- Crowley, Joseph P., and C. B. Schafer, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,118,170; May 24.
- Crown Can Company. (See Darling, Frank L., assignor.)
- Crown Cork & Seal Company. (See Austin, Harry M., assignor.)
- Crown Cork & Seal Company. (See Booth, George W., assignor.)
- Crown Cork & Seal Company. (See Cooke, Giles B., assignor.)
- Crown Cork & Seal Company. (See Cooke, G. B., and Wilbur, assignors.)
- Crown Cork & Seal Company. (See Dellgren, Karl, assignor.)
- Crown Cork & Seal Company. (See Earling, Roy, assignor.)
- Crown Cork & Seal Company. (See Enkur, Edward M., assignor.)
- Crown Cork & Seal Company. (See Enkur, E. M., and Greenholtz, assignors.)
- Crown Cork & Seal Company. (See Frink, Nelson S., assignor.)
- Crown Cork & Seal Company. (See Gavin, Frank J., assignor.)
- Crown Cork & Seal Company. (See Goebel, George, assignor.)
- Crown Cork & Seal Company. (See Greenholtz, R. E., and Enkur, assignors.)
- Crown Cork & Seal Company. (See Leenaards, Antoine, assignor.)
- Crown Cork & Seal Company. (See McManus, Charles E., assignor.)
- Crown Cork & Seal Co. Inc. (See Pearson, Thomas F., assignor.)
- Crown Cork & Seal Company. (See Rendall, William S., assignor.)
- Crown Cork & Seal Company. (See Stewart, Robert J., assignor.)
- Crown Cork & Seal Company. (See Warth, Albin H., assignor.)
- Crown Cork & Seal Company. (See Weisenburg, Andrew, assignor.)
- Crown Fur Dyeing Corporation. (See Waag, Herman, assignor.)
- Crown Paper Company. (See Bishop, George D., assignor.)
- Crown Stove Works. (See Fox, Frederick L., assignor.)
- Crown Stove Works. (See Rogers, Walter F., assignor.)
- Crown Stove Works. (See Sickinger, William H., assignor.)
- Crowther, Edmond C., Mount Airy, Pa., assignor to Illinois Tool Works, Chicago, Ill. Screw and lock washer assembly. 2,113,424; Apr. 5.
- Crowther, Edmond C., Philadelphia, Pa., assignor to Illinois Tool Works, Chicago, Ill. Screw and lock washer assembly. 2,113,425; Apr. 5.
- Croxon, Alfred H., Toronto, Ontario, Canada. Detachably securing a pen, pencil, or the like in a pocket. 2,122,455; July 5.
- Crudo, Fernando, and K. A. Svanholm, assignors to Compania Fundadora Fotolitofono, Sociedad Anonima, Buenos Aires, Argentina. Apparatus for reproducing sound. 2,137,157; Nov. 15.
- Cruikshank, Graham. (See Stimmel, B. A., McBean, and Cruikshank.)
- Crum, Hollis B. (See Harrison, J. F., and Crum.)
- Crum, Roland R., assignor of one-fourth to E. A. Perkins and three-eighths to F. W. Brainerd, Whittier, Calif. Roller bit structure. 2,116,561; May 10.
- Crumb, Charles F., and S. E. Hilblom, assignors to International Harvester Company. Mower. 2,138,536; Nov. 29.
- Crumbach, Sylvester F., Lincoln, Ill. Propeller. 2,111,178; Mar. 15.
- Crumley, John D. (See Koch, O. L., Crumley, and Elder.)
- Crumpl, Alvin L., Evanston, assignor to The Powers Regulator Company, Chicago, Ill. Thermostatic control for heating and cooling systems. 2,125,889; Aug. 9.
- Crumpl, James E., assignor to Copper Protected Roofing Company, Inc., Orlando, Fla. Shingle strip and roof construction. 2,140,691; Dec. 20.
- Crumpl, Lindell L., Kirkwood, assignor to J. R. Kearney Corporation, St. Louis, Mo. Protective device for electric circuits. 2,137,270; Nov. 22.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera body shutter release. 2,113,318; Apr. 5.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Catch means for shutter releases on camera bodies. 2,113,319; Apr. 5.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Spring front camera. 2,126,312; Aug. 9.
- Crumrine, Chester W., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,129,650; Sept. 13.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Film locking mechanism. 2,132,680; Oct. 11.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera finder construction. 2,135,963; Nov. 8.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter actuating arrangement for folding cameras. 2,139,728; Dec. 13.
- Cruse, Henry R., Abington, Pa. Fuel-feeding device. 2,131,499; Sept. 27.
- Cruse, William E., Louisville, Ky. Refrigerator for delicatesse. 2,119,422; May 31.
- Cruiser, Victor L., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Soldering iron. 2,116,562; May 10.
- Cruiser, Victor L., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,131,584; Sept. 27.
- Crushin, Gerald F., Bristol, England. Device for assisting in darning. 2,111,390; Mar. 15.



- Crutchfield, Oliver, Chicago, Ill. Adjustable handle. 2,111,965; Mar. 22.
- Cruzan, Charles C., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Binder. 2,123,846; July 12.
- Cruzan, Charles C., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Wire forming machine and method. 2,130,318; Sept. 13.
- Crysler, George P., Chicago, Ill. Arch construction. 2,119,779; June 7.
- Crysler, H. S., Lowell, and R. J. Wilkie, Newton, Mass. Sectional roll. 2,107,471; Feb. 8.
- Crystal Tube Mfg. Co. (See Brandwein, Edward G., assignor.)
- Csermendi, Frieda. (See Chermendy, Carl V., assignor.)
- Cserny, Ludwig, Wiesbaden Hessen-Nassau, Germany, assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Phenolic molding powder. 2,137,568; Nov. 22.
- Cuadrado, Manuel F. de C. (See Sandoval y Campdera, J. M., and Cuadrado.)
- Cubby, Richard, Paterson, N. J. Traffic device. 2,109,286; Feb. 22.
- Cuddeback, Hanford C., et al. (See Stevens, Roy, assignor.)
- Cuddon-Fletcher, Angus H., Hoby, England. Rotary valve of internal-combustion engines and the lubrication thereof. 2,120,886; June 14.
- Cudmore, Arthur H., Salem, Mass. Folding cribbage board. 2,108,527; Feb. 15.
- Culbertson, Joe W., West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd. Drift recording apparatus. 2,109,690; Mar. 1.
- Culbertson, Joe W., West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd. Shock absorber for drift recording instruments. 2,122,026; June 28.
- Culbertson, Joe W., West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd. Drift recording apparatus. 2,126,740; Aug. 16.
- Culbertson, Joe W., West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd. Shock dissipating spear. 2,126,741; Aug. 16.
- Culinovic, Phillip, Summit, Ill. Can opener. 2,124,732; July 26.
- Cullen, Albert E., Willow Grove, Pa. Toy electric automobile and roadway therefor. 2,112,072; Mar. 22.
- Cullen, James J., et al. (See Harris, Carl D., assignor.)
- Cullen, Julien F. (See Krause, A. R., Hutchens, Cullen, and Hirsch.)
- Cullen, Katherine T., administratrix. (See Cullen, Roy G.)
- Cullen, Roy G., deceased, by K. T. Cullen, administratrix, Houston, Tex. Washing wells. 2,104,294; Jan. 4.
- Cullin, Jasper F., Detroit, Mich. Windshield wiper blade construction. 2,128,454; Aug. 30.
- Cullin, Jasper F., Detroit, Mich., assignor of one-third to M. B. Mervis and one-third to L. Mervis, Chicago, Ill. Machine for winding armature coils. 2,114,287; Apr. 19.
- Cullman, Philipp A., New York, N. Y., assignor, by mesne assignments, to United States Holding Corporation. Street light. 2,133,377; Oct. 18.
- Cullman, Philipp A., New York, N. Y., assignor, by mesne assignments, to United States Holding Corporation. Lighting unit. 2,133,378; Oct. 18.
- Culmell, Thorvald S., and J. A. G. Hernandez, Habana, Cuba. Package container. 2,113,878; Apr. 12.
- Culwell, Don. (See Wiese, G. E., and Culwell.)
- Cumfer, Harry A., Glen Ellyn, Ill. High temperature saturating or coating apparatus. 2,126,872; Aug. 16.
- Cumfer, Harry A., assignor to United States Gypsum Company, Chicago, Ill. Cutting device. 2,132,460; Oct. 11.
- Cummings, Charles R., Fernwood, Pa. Rocket engine. 2,124,462; July 19.
- Cummings, Fred E., assignor to Atlanta Paper Company, Atlanta, Ga. Display box. 2,137,906; Nov. 22.
- Cummings, George C. (See Cramer, W. W., and Cummings.)
- Cummings, George C., Orange, N. J., and R. B. Hearn, Hollis, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse repeater. 2,110,438; Mar. 8.
- Cummings, Stanley R., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,130,484; Sept. 20.
- Cummings, Thomas L. (See Haring, Ivan P., assignor.)
- Cummings, Williams F., assignor to Great Lakes Concrete Pipe Co. Inc., Buffalo, N. Y. Pipe rolling device. 2,104,362; Jan. 4.
- Cummins Perforator Company. (See Swanson, Hjalmar A., assignor.)
- Cummins, Thomas K., assignor to Northern Malleable Iron Company, St. Paul, Minn. Earth anchor. 2,141,034; Dec. 20.
- Cunniff, Ivy. (See Singleton, John C., assignor.)
- Cunningham, Alexander, Glenview, and R. E. Dyer, Chicago, Ill. Golf club grip. 2,141,519; Dec. 27.
- Cunningham, Cornelius F., Canton, Mass. Attachment for photographic developing trays. 2,110,356; Mar. 8.
- Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Dehydrating aqueous alcohols. 2,121,954; June 28.
- Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Recovery of sodium chloride and sodium chlorite from aqueous solutions. 2,129,464; Sept. 6.
- Cunningham, Harold J. (See Beattie, J. F., Cunningham, and Roycroft.)
- Cunningham, Harry G., Los Angeles, Calif., assignor to R. K. O. Studios, Inc. Camera adjusting mechanism. 2,139,260; Dec. 13.
- Cunningham, Homer B., Connellsville, and J. W. Tucker, Pittsburgh, Pa. Lubricating device. 2,115,457; Apr. 26.
- Cunningham, Irwin L., Dallas, Tex. Vehicle traffic signal switch. 2,131,726; Oct. 4.
- Cunningham, James D., assignor to Republic Flow Meters Company, Chicago, Ill. Recording instrument. 2,119,950; June 7.
- Cunningham, James M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Decimal point control for accounting machines. 2,141,597; Dec. 27.
- Cunningham, James, Son & Company. (See Fergusson, David, assignor.)
- Cunningham, James W., Haddon Heights, N. J., assignor to Horn and Hardart Baking Co., Philadelphia, Pa. Broiling grid. 2,112,521; Mar. 29.
- Cunningham, James W., Haddon Heights, N. J., assignor to Horn and Hardart Baking Co., Philadelphia, Pa. Mechanism for dispensing beverages. 2,137,527; Nov. 22.
- Cunningham, John P., Kingman, Ariz. Rock or earth drill bit. 2,107,286; Feb. 8.
- Cunningham, Joseph T., Cincinnati, Ohio. Automobile light system. 2,113,981; Apr. 12.
- Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor control system. 2,104,972; Jan. 11.
- Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combustion control system. 2,105,686; Jan. 18.
- Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for circulating fluids. 2,141,206; Dec. 27.
- Cunningham, Lewis L., Minneapolis, Minn., and C. W. Nessel, Forest Park, Ill., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Multiple electrical proportioning system. 2,114,704; Apr. 19.
- Cunningham, Lyman E., Cleveland, Ohio. Sign structure. 2,129,651; Sept. 13.
- Cunningham, Marion M., assignor to Bendix Products Corporation, South Bend, Ind. Container. 2,105,313; Jan. 11.
- Cunningham, Orin D. (See Derby, I. H., and Cunningham.)
- Cunningham, William E., Norman, Okla. Garment pocket. 2,137,907; Nov. 22.
- Cunningham, James F., Collingswood, N. J. Powder container. 2,123,501; July 12.
- Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Sound insulation. 2,113,128; Apr. 5.
- Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Sound insulation. 2,124,463; July 19.
- Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated panel. 2,129,167; Sept. 6.
- Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Floor structure. 2,139,882; Dec. 13.
- Cunnius, Charles E., Port Carbon, Pa. Opening device for fabric tubing. 2,110,520; Mar. 8.
- Cunnyngham, Alice P., assignor to Hair Net Packers, Inc., New York, N. Y. Pneumatic hair curler. 2,112,073; Mar. 22.
- Cunnyngham, Alice P., assignor to Hair Net Packers, Inc., New York, N. Y. Hair curler. 2,112,074; Mar. 22.
- Cuno, Charles H., and C. B. Perkins, assignors to The Cuno Engineering Corporation, Meriden, Conn. Socket for cigar lighters, etc. 2,113,535; Apr. 5.
- Cuno Engineering Corporation, The. (See Cuno, C. H., and Perkins, assignors.)
- Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching heels to shoes. 2,124,545; July 26.
- Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat forming machine. 2,124,546; July 26.
- Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes and insoles therefor. 2,139,260; Dec. 6.
- Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile fiber. 2,123,502; July 12.
- Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of threads from solutions of materials. 2,133,322; Oct. 18.
- Cupit, George W., Jr. (See Merriam, H. F., and Cupit.)
- Cüppers, Paul, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Finishing grooved hollow metal bodies. 2,127,809; Aug. 23.
- Cupples Company, Manufacturers. (See Fleischli, J. A., and Kountzman, assignors.)



- Curado, Joseph G., Jackson Heights, Long Island, assignor to General Printing Ink Corporation, New York, N. Y. Printing ink. 2,120,588; June 14.
- Curd, Francis H. S., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new azine dyestuffs. 2,129,677; Sept. 13.
- Curd, Francis H. S., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azine dyestuffs. 2,129,678; Sept. 13.
- Curioni, Aldo, Katonah, assignor to The Gasolaire Corporation, New York, N. Y. Mechanical control means for liquid fuel burners. 2,122,930; July 5.
- Curle, Charles W. and T., San Francisco, Calif. Vise lock. 2,124,652; July 26.
- Curle, Theodore. (See Curle, Charles W. and T.)
- Curran, Alton F., assignor to The Curran Corporation, Malden, Mass. Liquid degreasing composition. 2,107,287; Feb. 8.
- Curran, Alton F., assignor to The Curran Corporation, Malden, Mass. Liquid composition for degreasing surfaces and process of preparation. 2,107,288; Feb. 8.
- Curran Corporation, The. (See Curran, Alton F., assignor.)
- Curran, Edward N., assignor to H. Richards, St. Louis, Mo. Demonstrating device. 2,106,478; Jan. 25.
- Curran, Eugene, Cardiff, Wales. Boundary beacon light for airports. 2,122,313; June 28.
- Curren Fabrikome Corporation, The. (See Curren, Harold S., assignor.)
- Curren, Harold S., Rochester, N. Y., assignor to The Curren Fabrikome Corporation, Willoughby, Ohio. Electrical wiring system for buildings. 2,132,400; Oct. 11.
- Currens, James E. C., San Anselmo, assignor of one-third to L. Hanscom, Berkeley, Calif. Dishwashing machine. 2,116,101; May 3.
- Current, Ira B., assignor to Agfa Anseo Corporation, Binghamton, N. Y. Sensitizing and processing cards. 2,129,302; Sept. 6.
- Currie, Donald. (See Currie, Dugald and D.)
- Currie, Dugald, Des Moines, Iowa. Wagon hitch. 2,105,585; Jan. 18.
- Currie, Dugald and D., Odebolt, Iowa. Corn harvester. 2,121,859; Jan. 28.
- Currie, Joseph S., Winthrop, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade and packet. 2,136,939; Nov. 15.
- Currie, Otis C. (See Sherman, J. D., Reed, and Currie.)
- Currie, Raymond H., Duquesne, Pa. Making hot-blast valve seats. 2,121,686; June 21.
- Currie, Robert A., Syracuse, assignor to R. E. Dietz Company, New York, N. Y. Torch or lamp. 2,121,903; June 28.
- Currie, Robert A., Syracuse, assignor to R. E. Dietz Company, New York, N. Y. Torch or lamp. 2,121,904; June 28.
- Currie, Robert A., Syracuse, assignor to R. E. Dietz Company, New York, N. Y. Lantern. 2,128,767; Aug. 30.
- Currie, Spencer J., Hartnett County, N. C. Germicide. 2,118,460; May 24.
- Currie, William E., Flushing, N. Y., assignor to Standard-I. G. Company. Production of blended antiknock motor fuels containing polymerized gasoline. 2,135,068; Nov. 1.
- Currie, William F., Chicago, Ill. Advertising device. 2,110,646; Mar. 8.
- Currier, Leslie A. (See Osgood, R. C., and Currier.)
- Currier, Leslie A., North Charlestown, N. H., assignor to Sullivan Machinery Company. Scraper loading apparatus. 2,132,401; Oct. 11.
- Curry, Harold E., Seattle, Wash. Atomizer. 2,111,841; Mar. 22.
- Curry, Joseph G., San Antonio, Tex. Tortilla machine. 2,125,550; Aug. 2.
- Curry, Percy S., Philadelphia, assignor to Textile Machine Works, Wyomissing, Pa. Thread carrier control mechanism for straight knitting machines. 2,135,329; Nov. 1.
- Curry, Robert J., Buffalo, N. Y., II. B. Staples, trustee in bankruptcy of R. J. Curry, assignor, by mesne assignments, of one-half interest to Bendix Products Corporation, South Bend, Ind. Suction operated clutch. 2,130,877; Sept. 20.
- Curry, Wiley, Tahoka, Tex. Maize header. 2,139,883; Dec. 13.
- Curtin, Ellsworth. (See Pardee, F. Jr., and Curtin.)
- Curtin Howe Corporation. (See Curtin, Leo P., assignor.)
- Curtin Howe Corporation. (See Curtin, Leo P., assignor.)
- Curtin, Leo P., Cranbury, N. J., assignor to Curtin Howe Corporation, New York, N. Y. Phosphated metal coating. 2,120,212; June 7.
- Curtin, Leo P., Cranbury, N. J., assignor to Curtin Howe Corporation, New York, N. Y. Maintenance of phosphate coating baths. 2,121,520; June 21.
- Curtin, Leo P., Cranbury, N. J., assignor to Curtin Howe Corporation, New York, N. Y. Coating metal. 2,127,266; Aug. 16.
- Curtin, Leo P., Cranbury, N. J., assignor to Curtin Howe Corporation, New York, N. Y. Applying bonding coating to metal and product thereof. 2,127,267; Aug. 16.
- Curtin, Leo P., Cranbury, N. J., assignor to Curtin Howe Corporation, New York, N. Y. Phosphate coating bath and making. 2,132,000; Oct. 4.
- Curtin, Leonard S. (See Ashworth, F., and Curtin.)
- Curtis, Austen M., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Supply circuit. 2,131,585; Sept. 27.
- Curtis, Charles G., New York, N. Y. Two-cycle Diesel engine. 2,126,376; Aug. 9.
- Curtis Companies Incorporated. (See Aldden, G. W., and Madsen, assignors.)
- Curtis Companies Incorporated. (See Bell, Forrest F., assignor.)
- Curtis Companies Incorporated. (See Madsen, Sern, assignor.)
- Curtis Companies Incorporated. (See Pinney, Byron R., assignor.)
- Curtis, David, New York, N. Y. Anesthetic solutions and mixtures for preparing same. 2,110,826; Mar. 8.
- Curtis, David W., assignor to T. Connors, St. Louis, Mo. Bushing for steel barrel heads. 2,122,054; June 28.
- Curtis, David W., assignor to T. Connors, St. Louis, Mo. Sealing cap for barrel bushing and screw plug assemblies. 2,137,999; Nov. 29.
- Curtis, E. N., administrator. (See Curtis, Henry E.)
- Curtis, Earl W., Canton, Ohio. Apparatus for the manufacture of pretzels. 2,107,749; Feb. 8.
- Curtis, Frank W., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Cutter grinder. 2,118,967; May 31.
- Curtis, Frank W., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Indexing work holder. 2,141,263; Dec. 27.
- Curtis, Franklin E., East Cleveland, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing device. 2,116,235; May 3.
- Curtis, Frederick G., assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Holder for twin pails. 2,117,404; May 17.
- Curtis, Frederick G., assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Holder for twin pails. 2,117,405; May 17.
- Curtis, Frederick W., Jr., Minneapolis, Minn. Brush. 2,131,500; Sept. 27.
- Curtis, George V. and R. E., West Springfield, Mass. Universal joint. 2,113,441; Apr. 5.
- Curtis, Harold E., East Orange, N. J., assignor to American Telephone and Telegraph Company. Dielectric guide system. 2,106,725; Feb. 1.
- Curtis, Harold E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave transmission system. 2,110,853; June 7.
- Curtis, Harry A., Knoxville, Tenn. Oxidizing elemental phosphorus. 2,110,870; Mar. 15.
- Curtis, Harry A., Knoxville, Tenn. Making calcium metaphosphate. 2,113,574; Apr. 12.
- Curtis, Harry A., Knoxville, Tenn., and R. L. Copson, near Sheffield, Ala. Apparatus for producing phosphorus. 2,117,301; May 17.
- Curtis, Harry B., et al., trustees. (See Robbins, Walter C., assignor.)
- Curtis, Henry E., deceased, San Jose, Calif.; E. N. Curtis, administrator. Rotary machine. 2,126,093; Aug. 9.
- Curtis, Henry O., Des Moines, Iowa. Aggregate handling apparatus. 2,119,780; June 7.
- Curtis, James E., assignor to Cowham Engineering Co., Chicago, Ill. Truck with unloading means. 2,110,262; Mar. 8.
- Curtis, Jesse T., Cleveland, Ohio. Box and box blank. 2,105,025; Jan. 11.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Portable drilling rig. 2,104,341; Jan. 4.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,104,712; Jan. 4.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Drill steel retainer. 2,114,047; Apr. 12.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rotation mechanism. 2,118,968; May 31.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Drilling apparatus. 2,122,515; July 5.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Dust eliminator. 2,122,517; July 5.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Fluid operated tool. 2,129,566; Sept. 6.
- Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Lubricator. 2,135,716; Nov. 8.
- Curtis, John C., and A. Fench, Garfield Heights, assignors to The Cleveland Rock Drill Company, Cleveland, Ohio. Drill steel retainer. 2,122,516; July 5.
- Curtis, Leslie E., assignor to United American Bosch Corporation, Springfield, Mass. Wave filter. 2,134,175; Oct. 25.
- Curtis & Marble Machine Company. (See Coolidge, Charles H., assignor.)
- Curtis, Myron S. (See Potter, W. W., and Curtis.)
- Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Machine tool. 2,118,020; May 17.
- Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Machine tool. 2,118,021; May 17.
- Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Machine tool. 2,118,022; May 17.



- Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Machine tool. 2,118,023; May 17.
- Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Machine tool, particularly of the hydraulic operated type. 2,118,025; May 17.
- Curtis, Oscar E., Mount Pulaski, Ill. Automatic control for disk harrows. 2,109,769; Mar. 1.
- Curtis, Philip N., assignor to Baker Box Company, Worcester, Mass. Bottle crate. 2,120,600; June 14.
- Curtis Publishing Company, The. (See Blaetz, Harry M., assignor.)
- Curtis Publishing Company, The. (See Risley, Walter J., Jr., assignor.)
- Curtis, Ralph E. (See Curtis, George V. and R. E.)
- Curtis, Richard C., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Piezoelectric crystal holder. 2,121,340; June 21.
- Curtis, Richard H., Chicago, and E. P. Byrnes, Jr., Evanston, Ill. Handle lock guard. 2,132,287; Oct. 4.
- Curtis, Roland G., and C. L. Boland, Flint, Mich. Display board. 2,139,150; Dec. 6.
- Curtis, Rowen D. (See Smith, A. L., and Curtis.)
- Curtis, Rowland G., Dover, Ohio, assignor to Reeves Steel and Manufacturing Company. Receptacle cover. 2,111,359; Mar. 15.
- Curtis, Rowland G., assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Laundry unit. 2,117,406; May 17.
- Curtis, Thomas J., Los Angeles, Calif. Electro-therapeutic device. 2,104,252; Jan. 4.
- Curtiss, Emilis B., Litchfield, Minn. Oil pan for crank-cases. 2,132,402; Oct. 11.
- Curtiss, Frank R., New Haven, Conn. Fastening trousers cuff. Re. 20,758; June 14.
- Curtiss, William R., Meriden, Conn., assignor, by mesne assignments, to Air Devices Corporation. Signal device. Re. 20,935; Dec. 6.
- Curtiss-Wright Corporation. (See Berlin, D. R., and Watson, assignors.)
- Curtiss-Wright Corporation. (See Blanchard, Werner J., assignor.)
- Curtiss-Wright Corporation. (See Blaylock, R. C., Bassett, Child, and Osborn, assignors.)
- Curtiss-Wright Corporation. (See Blaylock, R. C., and Trimbach, assignors.)
- Curtiss-Wright Corporation. (See Butler, Arthur G., assignor.)
- Curtiss-Wright Corporation. (See Carleton, Ralph D., assignor.)
- Curtiss-Wright Corporation. (See Hathorn, C. E., and Dunn, assignors.)
- Curtiss-Wright Corporation. (See Holland, Raymond P., Jr., assignor.)
- Curtiss-Wright Corporation. (See Kearney, Norman L., assignor.)
- Curtiss-Wright Corporation. (See Palmer, R. E., and MacNeil, assignors.)
- Curtiss-Wright Corporation. (See Rowe, Donald C., assignor.)
- Curtiss-Wright Corporation. (See Trimbach, C. G., and Lemonier, assignors.)
- Curtiss-Wright Corporation. (See Tydon, W., and Watson, assignors.)
- Curtiss-Wright Corporation. (See Wright, Theodore P., assignor.)
- Cushman Chuck Company, The. (See Sloan, H. E., and Highberg, assignors.)
- Cushman, Orville E. (See Davis, W. N., Cushman, and Fratis.)
- Cushman, Orville E. (See Hampton, W. H., Cushman, and Fratis.)
- Cushman, Wilhela, New York, N. Y. Garment pattern. 2,123,881; July 19.
- Cushwa, Charles B., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Tunnel liner segment. 2,131,794; Oct. 4.
- Cusi, Dante S. (See Martinez, J. J., and Cusi.)
- Custer, Clemm T., Martinsburg, W. Va. Rotary cultivator. 2,128,077; Aug. 23.
- Cuthbert-Smith, Austin. (See Carter, D., Cuthbert-Smith, Jackson, Rendell, and Thomas.)
- Cuthbert, Thomas J., South Weymouth, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Inseam trimming device. 2,122,737; July 5.
- Cuthbert, William R., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,104,638; Jan. 4.
- Cutler, Frank W., Portland, Oreg., assignor to Food Machinery Corporation, San Jose, Calif. Fruit sizer. 2,106,341; Jan. 25.
- Cutler, Gerard M. (See Towns, H. L., and Cutler.)
- Cutler-Hammer, Inc. (See Evans, Clarence T., assignor.)
- Cutler-Hammer, Inc. (See Evans, C. T., and Heller, assignors.)
- Cutler-Hammer, Inc. (See Grafton, William F., assignor.)
- Cutler-Hammer, Inc. (See Hodgson, Howard E., assignor.)
- Cutler-Hammer, Inc. (See Horter, Bayard M., assignor.)
- Cutler-Hammer, Inc. (See Hunter, Richard B., assignor.)
- Cutler-Hammer, Inc. (See Jones, Jesse E., assignor.)
- Cutler-Hammer, Inc. (See Kuhn, Clarence W., assignor.)
- Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
- Cutler-Hammer, Inc. (See Lockett, Ralph G., assignor.)
- Cutler-Hammer, Inc. (See Meikelburg, Harold L., assignor.)
- Cutler-Hammer, Inc. (See Meuer, George J., assignor.)
- Cutler-Hammer, Inc. (See Millermaster, Ralph A., assignor.)
- Cutler-Hammer, Inc. (See Rach, John C., assignor.)
- Cutler-Hammer, Inc. (See Rapley, Harold H., assignor.)
- Cutler-Hammer, Inc. (See Ritzenthaler, P. J., and Sheehan, assignors.)
- Cutler-Hammer, Inc. (See Robbins, Clyde F., assignor.)
- Cutler-Hammer, Inc. (See Russell, Frank J., assignor.)
- Cutler-Hammer, Inc. (See Schmidt, Edwin X., assignor.)
- Cutler-Hammer, Inc. (See Stanbury, Carroll, assignor.)
- Cutler, Philip, New York, N. Y. Convertible couch. 2,107,728; Feb. 8.
- Cutrer, Cecil C., and J. L. Broussard, Sulphur, La., assignors to G. J. Barrett and S. Robichaux, Houston, Tex. Whipstock. 2,105,721; Jan. 18.
- Cutter Laboratory, The. (See Winegarden, H. M., Westfall, Hawes, and Wood, assignors.)
- Cutting, Charles D., Detroit, Mich., assignor to The Cutting Sales & Engineering Corporation. Two bearing universal joint. 2,117,706; May 17.
- Cutting, Charles D., assignor to Cutting Sales and Engineering Company, Detroit, Mich. Universal joint. 2,141,264; Dec. 27.
- Cutting, Frank C., Normandy, Mo., assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,111,860; Mar. 15.
- Cutting, Fulton, and H. A. Gates, assignors to Colonial Radio Corporation, Buffalo, N. Y. Cabinet construction for radio receivers. 2,138,959; Dec. 6.
- Cutting Sales and Engineering Company. (See Cutting, Charles D., assignor.)
- Cutting Sales & Engineering Corporation, The. (See Cutting, Charles D., assignor.)
- Cutts, Richard M., Jr., Washington, D. C. Compensator for ordnance. 2,112,831; Apr. 5.
- Cyclone Fence Company. (See Harter, Noah S., assignor.)
- Cyclone Manufacturing Co., The. (See Brembeck, H. S., and Speicher, assignors.)
- Cykajlo, Peter, assignor of one-half to H. L. Goemann, Mansfield, Ohio. Uniting metals. 2,108,528; Feb. 15.
- Cyr, George J., Jr., Manchester, N. H. Heel plate for skiing. 2,116,969; May 10.
- Czajkowski, Francis T., assignor of one-half to R. M. Swangler, Morrisville, Pa. Game apparatus. 2,126,873; Aug. 16.
- Czapp, Erich. (See Schoenbeck, F., and Czapp.)
- Czarnecki, Walter, assignor, by mesne assignments, to Eddington Metal Specialty Co., Eddington, Pa. Strainer, pump, and pressure regulating unit. 2,108,432; Feb. 15.
- Czarnecki, Walter and W., assignors, by mesne assignments, to Eddington Metal Specialty Co., Eddington, Pa. Pump. 2,112,522; Mar. 29.
- Czarnecki, Wesley. (See Czarnecki, Walter and W.)
- Czarny, Albert and F., St. Paul, Minn. Illuminated license plate taillight. 2,122,027; June 28.
- Czarny, Frank. (See Czarny, Albert and F.)
- Czernin, Wolfgang. (See Hüttemann, E., and Czernin.)
- Czubinski, Bert, assignor to John Widdicombs Company, Grand Rapids, Mich. Extensible drop leaf table. 2,140,073; Dec. 13.
- Dabelow, Martin. (See Zeh, W., Sieglitz, and Dabelow.)
- Dabrasky, August, Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of War. Gun. 2,125,892; Aug. 9.
- Dabroski, Stanley, Chicopee, Mass. Picture hanger. 2,125,770; Aug. 2.
- D'Achon, Simone, assignor to La Société à Responsabilité limitée dite "Irmone", Paris, France. Bathing suit. 2,104,943; Jan. 11.
- Da Costa Toy Company. (See Da Costa, Virginia D., assignor.)
- Da Costa, Virginia D., Providence, assignor to Da Costa Toy Company, Providence, R. I. Toy ball. 2,115,986; May 3.
- Dace, Prudie, Fairview, Okla. Agitator paddle. 2,119,074; May 31.
- Dacey, Edward J., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Brake for Axminster loom tube frames. 2,141,643; Dec. 27.
- Dach, Max, Flushing, N. Y. Device for internal combustion engines. 2,119,202; May 31.
- Dach, Max, Flushing, N. Y. Attachment for internal combustion engines. 2,122,977; July 5.
- Dachlauer, Karl. (See Koch, E., Dachlauer, and Thomson.)
- Dacy, Edward J., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Axminster loom. 2,135,133; Nov. 1.
- Dadson, Thomas E., Royal Oak, assignor to Electromaster, Inc., Detroit, Mich. Oven construction. 2,116,669; May 10.
- Daemicke Company, The. (See Daemicke, Frank W., assignor.)
- Daemicke, Frank W., assignor to The Daemicke Company, Chicago, Ill. Multiple paned window. 2,113,613; Apr. 12.
- Daesen, John R., Oak Park, and L. E. Wemple, Chicago, Ill. Die casting apparatus. 2,105,586; Jan. 18.
- Daggett, Benjamin B., Lake Line Village, Willoughby, Ohio. Sealing ring for containers. 2,115,361; Apr. 26.



- Daggett, T. Calvin, et al. (See Raymond, Joseph, assignor.)
- Dahl, Fred, Clear Lake, S. Dak. Combined table and ironing board. 2,106,422; Jan. 25.
- Dahl, Otto. (See Haase, C., and Dahl.)
- Dahl, Otto, Berlin-Wilmersdorf, and C. Haase, Mahlsdorf/Sud, Germany, assignors to General Electric Company. Increasing the electric conductivity of tin bronzes. 2,128,122; Aug. 23.
- Dahlberg, Albert, Los Angeles, Calif., and G. S. Clayton, assignors to Wm. Ainsworth & Sons, Inc., Denver, Colo. Precision balance. 2,111,842; Mar. 22.
- Dahlberg, Arthur O., Washington, D. C. Shoe. 2,129,492; Sept. 6.
- Dahlberg, Fred W., assignor to The Hedman Manufacturing Company, Chicago, Ill. Check writer. 2,109,104; Feb. 22.
- Dahlberg, Tord O. R., Stockholm, Sweden. Calculating machine differential mechanism. 2,108,476; Feb. 15.
- Dahlberg, Tord O. R., Nockeby, Sweden. Tens transmitting device for adding machines. 2,128,403; Aug. 30.
- Dahlen, Miles A., and S. R. Detrick, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of pyridine-carboxylic acids and the like. 2,109,957; Mar. 1.
- Dahlen, Miles A., F. Zwilmeyer, N. M. Bigelow, and R. F. Deese, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Insoluble azo compounds. 2,112,764; Mar. 26.
- Dahlen, Miles A., and N. M. Bigelow, Wilmington, and F. Zwilmeyer, Arden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reddish yellow insoluble monoazo dyes. 2,115,412; Apr. 28.
- Dahlen, Miles A., and N. M. Bigelow, Wilmington, and F. Zwilmeyer, Arden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acyl aryl compounds. 2,115,413; Apr. 26.
- Dahlen, Miles A., Wilmington, Del., and M. E. Friedrich, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-insoluble monoazo dye. 2,132,846; Oct. 11.
- Dahlen, Miles A., Wilmington, and F. Zwilmeyer, Arden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuffs and fiber dyed therewith. 2,135,964; Nov. 8.
- Dahlen, Miles A., Wilmington, and F. Zwilmeyer, Arden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Monoazo compounds. 2,135,965; Nov. 8.
- Dahlgren, Edwin H., Seattle, Wash., assignor to Government of the United States, as represented by the Secretary of Commerce. Method and apparatus for determining the migration of fish. 2,121,787; June 28.
- Dahlin, Stanley V., Chicago, Ill. Dispenser for cherries or the like. 2,119,224; May 31.
- Dahlman, Verner, New Lenox, assignor to Independent Air Filter Company, Chicago, Ill. Paint spray filter. 2,125,271; Aug. 2.
- Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine system. 2,139,357; Dec. 6.
- Dahlstrom, Arvid, and P. N. Nelson, assignors, by mesne assignments, to A. J. Tarrson, E. A. Cohan, and J. E. Johnson, Chicago, Ill. Amusement device. 2,109,860; Mar. 1.
- Dahlström, Ernst R., Alsten, and K. E. Granstedt, Stockholm, assignors to Aktiebolaget Formator, Sweden. Method and device for distributing tobacco mass. 2,108,369; Feb. 15.
- Dahlström, Ernst R., Alsten, and K. E. Granstedt, Stockholm, assignors to Aktiebolaget Formator, Stockholm, Sweden. Device for distributing tobacco mass. 2,124,910; July 26.
- Dahmen, Walter, Pelham, N. Y. Surgical dressing. 2,127,552; Aug. 23.
- Dahmert, Theodore C., assignor to Ludwig Mfg Co. Inc., Racine, Wis. Fastener. 2,122,130; June 28.
- Dalber, George C., Seattle, Wash., now by judicial change of name Ome Craig Dalber. Garment-like sleeping bag. 2,121,768; June 28.
- Dalber, Ome C. (See Dalber, George C.)
- Dalley, Hiram H., assignor of one-half to F. L. Toeppelwein, San Antonio, Tex. Bandage machine. 2,128,123; Aug. 23.
- Dalley, Rollin C., assignor to Benjohn Laboratories, Inc., Detroit, Mich. Gas burner. 2,117,275; May 17.
- Dalley, William O., Portland, Ore. Collar support and necktie retainer. 2,123,274; July 12.
- Dally, Frank R., Sycamore, Ill. Can opener. 2,111,022; Mar. 15.
- Dally, James M., assignor to American Ozone Company, Chicago, Ill. Electric ozone generator. 2,118,969; May 31.
- Daimler-Benz Aktiengesellschaft. (See Balz, Max, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Berger, Arthur, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Bokemüller, Alfred, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Hiltner, Walter, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Nallinger, Fritz, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Nallinger, F., and Daimler, assignors.)
- Daimler-Benz Aktiengesellschaft. (See Schwaiger, Karl, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Seyerle, Wilhelm, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Wagner, Max, assignor.)
- Daimler, Karl, and H. Thron, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cement mass. 2,131,533; Sept. 27.
- Dain Manufacturing Company of Iowa. (See Jones, Frank D., assignor.)
- Dairymen's League Co-operative Association, Inc. (See Murray, William S., assignor.)
- Daisley, Robert H., Birmingham, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Compensating valve operating device. 2,116,749; May 10.
- Daisley, Robert H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Engine valve. 2,135,966; Nov. 8.
- Daisy Manufacturing Company. (See Lefever, Charles F., assignor.)
- Dake, Charles W. (See Campbell, D. J., and Dake.)
- Dake, Charles W., Grand Haven, Mich. Brake drum. 2,104,923; Jan. 11.
- Dake, Charles W., Grand Haven, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Producing brake drums. 2,109,470; Mar. 1.
- Dake, Charles W., Grand Haven, Mich. Brake drum. 2,129,199; Sept. 6.
- Dake, Charles W., Grand Haven, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Brake drum machine. 2,138,268; Nov. 29.
- Daland, Elliott. (See Wilford, E. B., and Daland.)
- Daland, Elliott, assignor to E. B. Wilford, Philadelphia, Pa. Rotary wing aircraft. 2,136,165; Nov. 8.
- Dalcher, John T., Laurence Harbor, N. J. Fuse plug. 2,108,106; Feb. 15.
- Dalcher, John T., Laurence Harbor, N. J. Testing machine and measuring device therefor. 2,126,175; Aug. 9.
- Dale, Carroll R., Wink, Tex. Washing machine. 2,132,891; Oct. 11.
- Dale, Clarence R., Los Angeles, assignor to Dale Service Corporation, Culver City, Calif. Fluid dumping apparatus. 2,124,188; July 19.
- Dale, Eldon L., Long Beach, Calif., assignor to Dale Radiplane Co. Aeroplane mounting. 2,131,222; Sept. 27.
- Dale, Frank L., Hartsville, Ind. Automaton merchandising device. 2,105,904; Jan. 18.
- Dale Radiplane Co. (See Dale, Eldon L., assignor.)
- Dale Service Corporation. (See Dale, Clarence R., assignor.)
- D'Alelio, Gaetano F., Dorchester, Mass., and E. E. Reid, Baltimore, Md., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of amides. 2,109,941; Mar. 1.
- Dalén, Gustaf, Lidingö, assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Fuel combustion. 2,111,141; Mar. 15.
- Dalén, Gustaf, Lidingö, assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Oil burning apparatus. 2,119,007; May 31.
- Dales, Benton, Chadds Ford, Pa., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Aqueous dispersion of polymerized halogen-2-butadienes-1,3 and preparing same. 2,138,226; Nov. 29.
- Daley, Eugene G., assignor to Chas. E. Francis Co., Rushville, Ind. Coating machine. 2,133,933; Oct. 18.
- Daley, George F., Johnson City, and A. H. Dickinson, Brooklyn, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Control means for record controlled accounting machines. 2,120,233; June 14.
- Daley, Joseph J., assignor, by mesne assignments, to Research Products Corporation, Boston, Mass. Amplification of radiant energy. Re. 20,735; May 24.
- Dalkowitz, Godfrey, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Pile wire. 2,112,271; Mar. 29.
- Dalkowitz, Godfrey, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Wrapping machine. 2,131,428; Sept. 27.
- Dall, Albert H. (See Ernst, H., and Dall.)
- Dall, Edward D., Cleveland, assignor to W. F. Wright, Shaker Heights, Ohio. Door locking and window operating device for automobiles and the like. 2,104,030; Jan. 4.
- Dall, Edward D., Cleveland, assignor to W. F. Wright, Shaker Heights, Ohio. Locking mechanism. 2,123,525; July 12.
- Dall, Edward D., assignor to W. F. Wright, Cleveland, Ohio. Locking system. 2,135,947; Nov. 8.
- Dall, Horace E., Luton, England, assignor to Leeds and Northrup Company, Philadelphia, Pa. Fluid flow measuring means. 2,127,501; Aug. 23.
- Dallas, Constance H., Chestnut Hill, Pa. Adjustable chair leg extension. 2,107,629; Feb. 8.
- Dallas, James P. (See Stevens, R. L., and Dallas.)
- Dallas, Robert M., Beverly, assignor to Hoagme Sprague Corporation, Lynn, Mass. Stay plating mechanism for blank making machines. 2,106,271; Jan. 25.
- Dallas, William J. (See Bennett, G. G., and Dallas.)



- Dallenbach, David D., Alta, Iowa. Grain shocker. 2,110,501; Mar. 8.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Electron tube. 2,105,026; Jan. 18.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Vacuum discharge vessel. 2,111,757; Mar. 22.
- Dallenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Holland. Regulation of state values. 2,119,153; May 31.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. High frequency oscillator tube. 2,128,231; Aug. 30.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to the Firm N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Electron tube. 2,128,232; Aug. 30.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Electron tube. 2,128,233; Aug. 30.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Electron tube. 2,128,234; Aug. 30.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Vacuum discharge tube. 2,128,235; Aug. 30.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Vacuum discharge tube. 2,128,236; Aug. 30.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Vacuum discharge tube. 2,128,237; Aug. 30.
- Dällenbach, Walter, Berlin-Charlottenburg, Germany. Electric discharge apparatus. 2,135,883; Nov. 8.
- Dällenbach, Walter, Berlin-Charlottenburg, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Ultra-short-wave tube. 2,141,080; Dec. 20.
- Dällenbach, Walter, Berlin-Charlottenburg, and G. Leischner, Berlin-Schmochwitz, Germany, assignors to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Arrangement for avoiding the disturbances attendant on the transformer potential in alternating current collector motors. 2,138,417; Nov. 29.
- Daller, Adrian O., Dennisport, Mass., assignor to Utility Packages, Inc. Container and making the same. 2,112,523; Mar. 29.
- Daller, Adrian O., Upper Darby, Pa., assignor to Utility Packages, Inc., New York, N. Y. Method and apparatus for the formation of bags and the like. 2,136,990; Nov. 15.
- Dalley, Charles J., Maplewood, assignor to The W. H. Compton Shear Company, Newark, N. J. Nut lock for shears and the like. 2,108,654; Feb. 15.
- Dallmann, Herbert, Berlin-Karlshorst, Germany, assignor to General Electric Company. Gas-density meter. 2,123,038; July 5.
- Dallmann, Herbert, Berlin-Karlshorst, Germany, assignor to General Electric Company. Apparatus for integrating variable quantities. 2,137,133; Nov. 15.
- Dally, Martin. (See Glesen, J., Hanisch, and Dally.)
- Dalmer, Otto, and F. von Werder, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Salts of cinchona alkaloids and their production. 2,119,527; June 7.
- Dalmer, Otto, and F. von Werder, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Salts of aryl-substituted amino alcohols and their production. 2,133,977; Oct. 25.
- Dalmo Sales Corporation. (See Brame, Allen J., assignor.)
- Dalmo Sales Corporation. (See Moseley, Tomlinson I., assignor.)
- Dalo, John, assignor to A and Z Chain Company, Providence, R. I. Extensible bracelet clasp. 2,129,518; Sept. 6.
- Dalotel, Maurice A., Colombes, assignor to S. R. Mathot, Paris, France. Machine for the continuous printing of negative films on a plurality of positives at the same time. 2,139,806; Dec. 13.
- Dal Pino, Gino. (See Mosmieri, L., and Dal Pino.)
- Dalrymple, Ferdinand H., Bedford, Ohio. Chain and making the same. 2,129,407; Sept. 6.
- Dalrymple, William P., Chicago, Ill. Filter. 2,108,798; Feb. 22.
- Dalrymple, William P., Chicago, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Freewheeling mechanism. 2,127,718; Aug. 23.
- Dalsey, David, Chicago, Ill. Food product. 2,120,777; June 14.
- Dalton, Harold R., Teaneck, N. J., assignor to J. S. Ware, New York, J. F. Leete, Chappaqua, N. Y., and himself. Plasticizer and producing same. 2,132,724; Oct. 11.
- Dalton, John T., assignor to Wright-Dalton Machinery Company, Durham, N. C. Envelope filling and closing machines. 2,109,988; Mar. 1.
- Dalton, John T., assignor to Wright-Dalton Machinery Company, Durham, N. C. Pill counting mechanism. 2,111,529; Mar. 15.
- Dalton, John T., assignor to Wright-Dalton Machinery Company, Durham, N. C. Article counting and stacking mechanism. 2,133,189; Oct. 11.
- Dalton, Noel L., Wewoka, Okla. Liquid level control apparatus. 2,133,190; Oct. 11.
- Dalton, Philip, Washington, D. C. May holder and plotting device. 2,114,652; Apr. 19.
- Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Fitting for fluid circulating systems. 2,113,398; Apr. 5.
- Dalton, William M., Washington, D. C. Impression sheet for printing presses. 2,123,564; July 12.
- Daly Bros. Shoe Co. (See Daly, Charles L., assignor.)
- Daly Carroll H. (See Daly, Joseph F., T. J., and C. H.)
- Daly, Charles L., Belmont, assignor to Daly Bros. Shoe Company, Inc., Boston, Mass. Rubber sole. 2,104,583; Jan. 4.
- Daly, Charles L., Belmont, assignor to Daly Bros. Shoe Co., Inc., Boston, Mass. Shoe construction. 2,123,135; July 5.
- Daly, Charles Leo, Belmont, assignor to Daly Bros. Shoe Co., Inc., Boston, Mass. Manufacturing molded rubber articles. 2,140,692; Dec. 20.
- Daly, Francis R., Minneapolis, Minn. Boiler. 2,141,238; Dec. 27.
- Daly, George F. (See Bryce, J. W., and Daly.)
- Daly, George F. (See Fuller, F. L., and Daly.)
- Daly, George F., Johnson City, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,107,143; Feb. 1.
- Daly, George F., Johnson City, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,110,853; Mar. 15.
- Daly, George F., Johnson City, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Multiplying machine with auto-control. 2,120,232; June 14.
- Daly, George F., Johnson City, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,126,621; Aug. 9.
- Daly, George F., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,138,627; Nov. 29.
- Daly, John F. (See Maginnis, Frank A., assignor.)
- Daly, John J. (See Gaynor, Arthur C., assignor.)
- Daly, John J. (See Paul, Leon R., assignor.)
- Daly, Joseph F., T. J., and C. H., Philadelphia, Pa. Smoker's pipe. 2,119,099; May 31.
- Daly, Le Grand, Winnetka, and F. X. Meiners, Chicago, Ill., assignors to Filer Fibre Company, Filer City, Mich. Tacking strip. 2,131,704; Sept. 27.
- Daly, Raymond E., and J. F. Walsh, Chicago, Ill., assignors to American Maize-Products Company. Corn conversion process. 2,137,973; Nov. 22.
- Daly, Thomas J. (See Daly, Joseph F., T. J., and C. H.)
- Dalzen, William F., Grosse Pointe, Mich., assignor to Michigan Tool Company. Gear finishing machine. 2,123,717; July 12.
- Daman, Arthur C. (See Denny, J. J., and Daman.)
- Daman, Arthur C., Denver, Colo. Fitter. 2,111,843; Mar. 22.
- Daman, Arthur C., Denver, Colo. Ore treating system. 2,122,028; June 28.
- D'Amato, Constantine, New York, N. Y. Sanitary seat cover. 2,139,003; Dec. 6.
- Damblanc, Louis, Paris, France. Force measuring device for rockets. 2,111,315; Mar. 15.
- Damblanc, Louis, Paris, France. Self-propelling projectile. 2,114,214; Apr. 12.
- Dame, Charles V., Lanark, Ill. Drain trap. 2,113,721; Apr. 12.
- D'Amico, Albert, Rome, Italy. Anticryptogamic composition. 2,138,733; Nov. 29.
- Damitz, Frederick M. (See Harvey, M. T., and Damitz.)
- Dammeyer, Oscar A. (See Erhardt, E. F., and Dammeyer.)
- Damon, Isaac F., Belmont, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Insole and making same. 2,138,227; Nov. 29.
- Damon, Joseph, Mount Vernon, N. Y. Intervisual mural. 2,135,968; Nov. 8.
- Damon, Philip E., Ames, Iowa. Upside down flare. 2,129,200; Sept. 6.
- Damrow Brothers Company. (See Malueg, William H., assignor.)
- Damrow, George E., Brooklyn, N. Y. Open-face container. 2,116,060; May 3.
- Damsel, William B. and W. C., New York, N. Y. Dispenser. 2,117,791; May 17.
- Damsel, William C. (See Damsel, William B. and W. C.)
- Danciger Oil & Refineries, Inc. (See Biddison, P. M., Ryan, and Burke, assignors.)
- Danciger Oil & Refineries, Inc. (See Keeton, Cecil G., assignor.)
- Dandini, Alessandro, San Francisco, Calif. Aircraft. 2,133,283; Oct. 18.



- Daneke, Dietrich, assignor to F. M. Brackett, Topeka, Kans. Work spacing mechanism for stripping machines. 2,116,475; May 3.
- Daneke, Dietrich, assignor to F. M. Brackett, Topeka, Kans. Adhesive applicator. 2,140,470; Dec. 13.
- Danel, Pierre F., Grenoble, France, assignor to Ateliers Neyret-Beylier & Picard-Picket. Divisor. 2,114,653; Apr. 19.
- Danel, Pierre F., Grenoble, France, assignor to Ateliers Neyret-Beylier & Picard-Picket. Automatic rotary valve. 2,131,025; Sept. 27.
- Danforth, George L., Jr., assignor to Open Hearth Combustion Company, Chicago, Ill. Foundation for checker-work construction. 2,139,729; Dec. 13.
- Danforth, Richard S., Berkeley, Calif., assignor, by mesne assignments, to American Locomotive Company, New York, N. Y. Distilling hydrocarbon oils. 2,140,450; Dec. 13.
- Dangelmajer, Charles. (See Magill, P. L. F., and Dangelmajer.)
- Daniel, Walter. (See Mueller-Cunradi, M., Otto, Daniel, and Werner.)
- Daniells, Morton E. (See Hatch, J. A., Daniells, and Smart.)
- Daniels, Claude H. (See Goodale, W. R., and Daniels, assignors.)
- Daniels, Claude H., Wellesley Hills, Mass. Anchored heel protector. 2,122,809; July 5.
- Daniels, Claude H., Wellesley Hills, Mass. Shoe. 2,126,094; Aug. 9.
- Daniels, Joseph, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Feeding arrangement for gas producers. 2,113,015; Apr. 5.
- Daniels, Joseph, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Coking retort oven heating wall of brickwork. 2,141,035; Dec. 20.
- Daniels, Joseph, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Regenerative heater and the like. 2,141,036; Dec. 20.
- Daniels, Lee G., Rockford, Ill. Water softener valve. 2,110,758; Mar. 8.
- Daniels, Leo A., Collinsville, Conn. Paint softening tool. 2,109,022; Feb. 22.
- Daniels, Rupert S., East Orange, N. J., assignor to Bakelite Corporation, New York, N. Y. Resin bonded article. 2,125,893; Aug. 9.
- Daniels, Virgil L., assignor to Webster Electric Company, Racine, Wis. Overload indicator. 2,105,410; Jan. 11.
- Danielson, Archibald G., Riverside, Ill. Adjustable curved ruler. 2,116,563; May 10.
- Danielsson, Yngve A. F., Gothenburg, Sweden. Lateral registration apparatus. 2,129,567; Sept. 6.
- Dann, Charles W., Jr., Miami, Fla. Container. 2,115,802; May 3.
- Dannen, Charles, et al. (See Saracco, Peter, assignor.)
- Danner, Edward, Newark, Ohio. Producing multibore glass tubing. 2,131,417; Sept. 27.
- Danner, Hermann, Stuttgart, assignor to the firm Fortuna-Werke Spezialmaschinen-Fabrik Aktiengesellschaft, Stuttgart-Cannstatt, Germany. Device for dressing grinding wheels. 2,133,191; Oct. 11.
- Danner, Philip S. (See Shiffer, W. H., and Danner.)
- Dannheiser, Joseph M., San Francisco, Calif. Emergency power supply system. 2,106,968; Feb. 1.
- Danninger, Felix, and E. J. Kastenholz, assignors to The Bergs Manufacturing Company, Milwaukee, Wis. Safe. 2,115,415; Apr. 26.
- Dannowski, Hermann. (See Pless, Ernst, assignor.)
- Dannowski, Hermann, et al. (See Pless, Ernst, assignor.)
- Dano, William O., Kansas City, Mo. Advertising device for taxicabs. 2,131,586; Sept. 27.
- Dans, Bernard D. (See von Hofe, G. W., and Dans.)
- Danse, Launcelot A., Detroit, Mich. Coating measuring device. 2,136,675; Nov. 15.
- Dansk Crown-Cork Fabrik ved Aage Weybye-Lassen. (See Pedersen, Gunner F. M., assignor.)
- Danulat, Friedrich, Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of a gas of high calorific power. 2,134,548; Oct. 25.
- Danzer, Katherine, et al., executors. (See Lederer, Anton.)
- Danziger, Harold L., Westwood, N. J., and A. Di Giacomo, New York, N. Y.; said Di Giacomo assignor to said Danziger. Electrolytic condenser body and making the same. 2,107,780; Feb. 8.
- Dapero, Louis G. and P. C. Summitt, N. J. Spray gun. 2,122,559; July 5.
- Dapero, Peter C. (See Dapero, Louis G. and P. C.)
- D'Aragnon, Paul, Montreal, Quebec, Canada. Treating arsenide and mixtures of arsenide and sulphide ores. 2,127,859; Aug. 23.
- Darash, Nicholas P. (See Lange, M. E., and Darash.)
- Darby, J. F. (See Porter, Albert N., assignor.)
- Darby, Walter A., Great Neck, N. Y. Disk sealing game. 2,126,245; Aug. 9.
- Darbyshire, Leonard H., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Cabinet design. Re. 20,610; Jan. 4.
- Darbyshire, Leonard H., Detroit, Mich., assignor to Borg-Warner Corporation. Constructing a cabinet. 2,117,082; May 10.
- Darbyshire, Leonard H., and O. E. Norberg, Detroit, and H. Morley, Grosse Pointe, Mich., assignors to Borg-Warner Corporation. Refrigerating apparatus. 2,134,106; Oct. 25.
- Darco Corporation. (See Pie, Paul F., Jr., assignor.)
- D'Ardenne, Walter H., Jenkintown Manor, Pa., assignor, by mesne assignments, to Heintz Manufacturing Company. Metal barrel. 2,109,836; Mar. 1.
- Darlenzo, Frank, Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Axminster loom rope stop motion. 2,140,789; Dec. 20.
- Darley, Lon J., Jackson, Miss., assignor, by mesne assignments, to Gravity Meter Corporation. Parking meter. 2,105,970; Jan. 18.
- Darling, Arthur R., Indianapolis, Ind. Ozonizer. 2,128,455; Aug. 30.
- Darling, Delos D., Portland, Oreg. Operating mechanism for Venetian blinds. 2,113,933; Apr. 12.
- Darling, Frank L., Baltimore, Md., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Labeling machine attachment. 2,115,061; Apr. 26.
- Darling, Frank L., Douglaston, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Bottle and jar capping machine. 2,115,062; Apr. 26.
- Darling, Frank L., Douglaston, N. Y., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Vacuum sealing can. 2,130,637; Sept. 20.
- Darling, Frank L., New York, N. Y. Hydraulic brake holding apparatus. 2,133,538; Oct. 18.
- Darling, Frank L., New York, N. Y. Brake holding apparatus. 2,133,891; Oct. 18.
- Darling, Harry R., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,119,845; June 7.
- Darling, Harry R., and N. B. Green, assignors to Eastman Kodak Company, Rochester, N. Y. Carrying case. 2,136,357; Nov. 8.
- Darling, L. A., Company. (See Elmer, Francis E., assignor.)
- Darling, Louis H., Vallejo, Calif. Gaff hook. 2,112,765; Mar. 29.
- Darlington, May E., assignor to The J. G. Brill Company, Philadelphia, Pa. Seat upholstery unit and making the same. 2,116,102; May 3.
- Darlington, Sidney, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,115,138; Apr. 26.
- Darman, Joseph, Utica, N. Y. Towel vending cabinet. 2,117,302; May 17.
- Darman, Joseph, Utica, N. Y. Towel dispensing cabinet. 2,125,604; Aug. 2.
- Darman, Joseph, Utica, N. Y. Towel dispensing cabinet. 2,125,605; Aug. 2.
- Darms, John M. G., Carrol Park, Pa. Gas keeper. 2,107,600; Feb. 8.
- Darne, Regis, St. Etienne, France. Automatic firearm. 2,124,911; July 26.
- Darnell, Eugene, and H. L. Enoch, Kansas City, and J. N. Grubb, Chillicothe, Mo., and A. E. Freeman, South Orange, N. J., assignors to American Telephone and Telegraph Company. Earth boring machine. 2,105,587; Jan. 18.
- Darragh, Harry W., Effingham, Ill., assignor to Vulcan Corporation, Portsmouth, Ohio. Manufacturing shoe heels. 2,127,208; Aug. 16.
- Darragh, John K., Astoria, assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y. Display box enamel cover. 2,140,000; Dec. 13.
- Darrah, William A., Chicago, Ill. Oxidation. 2,108,030; Feb. 8.
- Darrah, William A., assignor to United States Gypsum Company, Chicago, Ill. Drying apparatus. 2,136,166; Nov. 8.
- Darrieus, Georges, Houlles, France, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Protective system. Re. 20,820; Aug. 9.
- Darst, George W., San Jose, Calif. Well screen. 2,118,171; May 24.
- Dart, William F., Mason, Mich. Refrigeration means. 2,122,680; July 5.
- Dartmouth College, Trustees of. (See Ames, A., Jr., and Gliddon, assignors.)
- Dartmouth College, Trustees of. (See Ames, A., Jr., Gliddon, and Ogle, assignors.)
- Dartmouth College, Trustees of. (See Ames, A., Jr., and Ogle, assignors.)
- Dartmouth College, Trustees of. (See Dittmer, Arthur F., assignor.)
- Dartmouth College, Trustees of the. (See Ogle, Kenneth N., assignor.)
- Dasher, Don E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,119,317; May 31.
- Dashner, Ralph L. (See Catron, H., Clayton, and Dashner.)
- Dashner, Ralph L. (See Catron, H., Dashner, and Morris.)
- Dashner, Ralph L., assignor to RRM Manufacturing Company, Logansport, Ind. Dome light. 2,116,750; May 10.
- Dassler, Adolf. (See Lange, A. E., Langguth, Breuning, and Dassler.)
- Dassler, Adolf, Hagen, Germany. Galvanic battery. 2,104,973; Jan. 11.
- Dastner, Erich, Berlin, Germany. Tree felling device. 2,120,394; June 14.



- Dathe, Paul, Hartha, Germany. Weaving heddle. 2,125,425; Aug. 2.
- D'Aubarede, Paul C. A. M., Saint-Genis-Laval, France. Mounting of radial cylinder engines. 2,118,550; May 24.
- Daubenmeyer, Homer, assignor of one-half to H. A. Miller, Detroit, Mich. Homogenizing nozzle device. 2,104,853; Jan. 11.
- Dauber, Charles G., Oshkosh, Wis. Thread cutting machine. 2,124,105; July 19.
- Daudt, Herbert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye. 2,117,707; May 17.
- Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroxy secondary disazo dyes and their preparation. 2,124,688; July 26.
- Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Brown azo dyes. 2,124,689; July 26.
- Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Brown wool dye. 2,124,690; July 26.
- Daupe Surgical Appliance Corp. (See Findley, William M., assignor.)
- Daugherty, Harry V., Simpson, Kans. Automatic hay hook. 2,138,694; Nov. 29.
- Daugherty, Robert P. and T. B., Guthrie, Okla. Ground pulverizing machine. 2,110,790; Mar. 8.
- Daugherty, Samuel L. (See Stempel, H. K., and Daugherty.)
- Daugherty, Thomas B. (See Daugherty, Robert P. and T. B.)
- Daum, Charles, Forest Hills, Long Island, N. Y. Lunch kit. 2,105,638; Jan. 18.
- Dauman, Samuel S., New York, N. Y. Lighting fixture. 2,121,860; June 28.
- Dauphin, Florence D., Chicago, Ill. Make-up dress shield or guard. 2,110,544; Mar. 8.
- Dauphinais, Remi N., Worcester, Mass. Fabric printing machine. 2,112,453; Mar. 29.
- Daus, Otto, Hamburg, Germany. Cross country vehicle. 2,121,687; June 21.
- Dauskardt, Martin, Cleveland, Ohio. Shelf bracket. 2,104,831; Jan. 11.
- Dautzenberg, Paul, Aachen, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic printing apparatus. 2,138,445; Nov. 29.
- Dauwalter, Raymond R., Birmingham, Ala., assignor to W. S. Dickey Clay Manufacturing Company, Kansas City, Mo. Perforating machine. 2,107,068; Feb. 1.
- DeVal Manufacturing Company. (See Mills, Theodore R., assignor.)
- Da Valle, Conrad, Oakland, Calif. Trailer coupler. 2,108,307; Feb. 15.
- Davan, James M., Rossville, Ill. Trailer. 2,107,107; Feb. 1.
- Davant, Joseph A. (See Gibbons, J. P., Jr., and Davant.)
- Davant, William M., Savannah, Ga. Bilge water discharge. 2,120,858; June 14.
- Daven Company, The. (See Smith, John P., Jr., assignor.)
- Davenport, John J., assignor to J. I. Quaid, College Point, Long Island, N. Y. Quenching machine. 2,141,081; Dec. 20.
- Davenport Machine Tool Co. (See Silva, Frederick G., assignor.)
- Davenport Machine Tool Co. Incorporated. (See Brinkman, Earl W., assignor.)
- Davenport, Ralph M., Los Angeles, Calif. Ripper. 2,128,602; Aug. 30.
- Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Refrigerating system. 2,107,887; Feb. 8.
- Davenport, Sam F., Garrett, Ind., assignor to Creek Chub Bait Company. Fly rod lure. 2,119,805; June 7.
- Davey, Arthur N., Melbourne, Victoria, Australia. Automatic clutch and variable transmission gear. 2,139,301; Dec. 6.
- Davey, Edward L. (See Beaver, C. J., and Davey.)
- Davey, George W., Worcester, Mass. Furnace construction. 2,139,004; Dec. 6.
- Davey, Herbert W., Annapolis, Md. Roof construction. 2,121,789; June 28.
- Davey, John E., assignor to R. Gringer, New York, N. Y. Saw handle and blade. 2,137,800; Nov. 22.
- Davey, Paul H., Kent, Ohio. Power take-off and associated mechanism. 2,106,085; Jan. 18.
- Davey, Paul H., Kent, Ohio. Power take-off and associated mechanism. 2,106,086; Jan. 18.
- Davey, Paul H., Kent, Ohio. Power transmitting apparatus. 2,106,087; Jan. 18.
- Daviau, George H., New Orleans, La. Eraser. 2,128,524; Aug. 30.
- David, Edward, Carmel, and S. Szody, Seaside, Calif. Fish-cutting machine. 2,110,416; Mar. 8.
- David, Edward, Carmel, and S. B. Szody, Seaside, Calif. Transfer means for conveyors. 2,115,255; Apr. 26.
- David, Edward, Carmel, and S. B. Szody, Seaside, Calif. Fish cutting machine. 2,140,575; Dec. 20.
- David, Eugene S., assignor of one-half to R. L. Alexander, Jacksonville, Tex. Attachment for flush-tank valves. 2,135,231; Nov. 1.
- David, Karoly G., Amsterdam, assignor to the firm N. V. Organon, Oss, Netherlands. Suprarenal cortical hormone. 2,115,621; Apr. 26.
- Davids, Thaddeus S., Rochester, N. Y. Golf tee. 2,119,044; May 31.
- Davidson, Alfred, and C. H. Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Leucoindigo. 2,130,878; Sept. 20.
- Davidson, Arthur C., Chicago, Ill. Truck stabilizer. 2,129,408; Sept. 6.
- Davidson, Ashley A., Los Angeles, Calif., assignor of thirty-one per cent to V. Gilbert and twenty per cent to M. Rich. Piano action. 2,123,526; July 12.
- Davidson, Benjamin F., and C. F. Morse, Dubuque, Iowa, assignors to Mergenthaler Linotype Company. Preventing the adherence of molten metal to an object. 2,125,067; July 26.
- Davidson, Booker W., Michigan City, Ind. Sewing machine. 2,132,892; Oct. 11.
- Davidson, Bruce J., Kew Gardens, assignor to National Biscuit Company, New York, N. Y. Carton. 2,124,868; July 26.
- Davidson, Charles D. (See Dowling, R. J., and Davidson.)
- Davidson & Company. (See Whitmore, John, assignor.)
- Davidson, Edward E., Houston, Tex. Variable choke. 2,131,836; Oct. 4.
- Davidson, George W., London, England. Gravitation concentration of mineral values, particularly coal. 2,140,899; Dec. 20.
- Davidson, Harry L. (See Rosen, David, assignor.)
- Davidson, Isaac F., Junction City, Oreg. Steering device for power propelled vehicles. 2,112,559; Mar. 29.
- Davidson, J. T., Etowah, Ark. Trailer hitch and brake operator. 2,137,445; Nov. 22.
- Davidson, John T., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,138,482; Nov. 29.
- Davidson, Joseph K. (See Hayford, Elmer R.)
- Davidson, Louis, Hewlett, N. Y. Lamp shade cover and the like. 2,111,844; Mar. 22.
- Davidson, Martin, Ojai, Calif. Illuminated number or name plate. 2,131,795; Oct. 4.
- Davidson, Nathan, Los Angeles, Calif. Building block and construction. 2,104,152; Jan. 4.
- Davidson, Roy H. (See Rutledge, G. E., and Davidson.)
- Davidson, William D., and G. Tremolada, assignors to Emsco Derrick & Equipment Company, Los Angeles.
- Davidson, William H., Toronto, Ontario, Canada. Safety container for valuables. 2,141,293; Dec. 27.
- Calif. Rotary swivel. 2,113,647; Apr. 12.
- Davidson, William W., Evanston, Ill. Blank feeder and ejector. 2,108,799; Feb. 22.
- Davidson, William W., Evanston, Ill. Mechanism for controlling the feeding and advancing of blanks. 2,108,800; Feb. 22.
- Davies, Arnold. (See Dewsbury, W. G., and Davies.)
- Davies, Austin M., Jamaica, N. Y. Preservation of fruit juices. 2,104,415; Jan. 4.
- Davies, Edward S., et al. (See Scott, James A., assignor.)
- Davies, Emyr C. (See Powell, A. R., and Davies.)
- Davies, Gomer L. (See Kear, F. G., Davies, and Orton.)
- Davies, Gomer L. (See Wintermute, G. H., and Davies.)
- Davies, Gomer L., Cleveland, Ohio, assignor to Washington Institute of Technology, Inc., Washington, D. C. Electromechanical frequency selector. 2,112,560; Mar. 29.
- Davies, Gomer L., Silver Spring, Md., assignor to Washington Institute of Technology, Inc., Washington, D. C. Method and apparatus for producing course indication. 2,122,091; June 28.
- Davies, Gomer L., Cleveland, Ohio, and W. H. Orton, assignors to Washington Institute of Technology, Washington, D. C. Radio direction finder. 2,139,058; Dec. 6.
- Davies, Harrison, The Plains, Ohio. Bracket. 2,108,196; Feb. 15.
- Davies, John S. H. (See Baird, W., and Davies.)
- Davies, Lynn E., assignor to White Cap Company, Chicago, Ill. Package sealing. 2,107,237; Feb. 1.
- Davies, Stanley B., assignor to Royer Foundry & Machine Company, Kingston, Pa. Screen. 2,128,603; Aug. 30.
- Davies, Stanley B., assignor to Royer Foundry and Machine Co., Kingston, Pa. Sand conditioning apparatus. 2,133,379; Oct. 18.
- Davies, William J., Glasgow, assignor to G. G. Nicol, Aberdeen, D. Falconer, Kincardineshire, J. A. Mackie, Aberdeen, and A. W. Legat, Paisley, Scotland. Safety razor. 2,116,190; May 3.
- Davies, W. Sanders, trustee, et al. (See Bradford, C., and Scollon, assignors.)
- Davies, William O., Great Kills, N. Y. Ski true. 2,137,666; Nov. 22.
- Daviet, Claude E., et al. (See Guidroz, Romain A., assignor.)
- Daviet, L. E., et al. (See Guidroz, Romain A., assignor.)
- Davignon, Victor D., North Attleboro, assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Flexible wire. 2,135,800; Nov. 8.
- Davini, David A., et al. (See Nielsen, Adolph E., assignor.)



- Davis, Albert L., Watertown, and S. T. Morrison, New York, N. Y. assignors to The American Brass Company, Waterbury, Conn. Lipstick container. 2,127,350; Aug. 16.
- Davis, Anthony E., Philadelphia, Pa. Concrete insert. 2,133,134; Oct. 11.
- Davis, Arthur B., Springfield, Ohio. Printing plate and making the same. 2,114,288; Apr. 19.
- Davis, Arthur L., Turners Falls, Mass. Maximum and minimum voltmeter. 2,110,391; Mar. 8.
- Davis, Arthur P., assignor to Arma Engineering Co., Inc., New York, N. Y. Motion reproducing mechanism. 2,114,248; Apr. 12.
- Davis, Arthur P., New York, assignor to Arma Engineering Co., Inc., Brooklyn, N. Y. Log system for ships. 2,133,133; Oct. 11.
- Davis, Augustine, Jr., Cincinnati, Ohio. Mechanism for discharging contents of receptacles. 2,135,868; Nov. 8.
- Davis, Augustine, Jr., Cincinnati, Ohio. Vehicle body. 2,138,399; Nov. 29.
- Davis, Calvin V. (See Stewart, S. W., and Davis.)
- Davis, Carlton C., Glen Ellyn, and J. H. Gregory, Wheaton, assignors to Great Western Athletic Goods Co., Chicago, Ill. Playing ball center. 2,117,083; May 10.
- Davis, Cecil B., Kingman, Ariz. Door threshold. 2,109,043; Feb. 22.
- Davis, Charles F., Los Angeles, Calif. Vehicular traffic signal. 2,114,914; Apr. 19.
- Davis, Charles, Neuilly-sur-Seine, France. Extrusion container. 2,129,119; Sept. 6.
- Davis, Charles, Neuilly-sur-Seine, France. Forming extrusion containers. 2,129,120; Sept. 6.
- Davis, Charles, Piedmont, W. Va., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Method and apparatus for winding paper. 2,130,332; Sept. 13.
- Davis, Charles T., Beverly Hills, Calif. Apparatus for abrading strand material. 2,105,637; Jan. 18.
- Davis, Charles W. (See Dean, R. S., and Davis.)
- Davis, Clarence B., Vancouver, Wash. Upright piano action. 2,109,192; Feb. 22.
- Davis, Clarence J., assignor to Nash-Finch Company, Minneapolis, Minn. Display device. 2,130,616; Sept. 20.
- Davis, Clarke F., Short Hills, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Floating partition. 2,105,588; Jan. 18.
- Davis, Clarke F., Short Hills, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Precast slab with insulating insert. 2,114,048; Apr. 12.
- Davis, Clarke F., Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Two-plane slab construction. 2,120,200; June 7.
- Davis, Clarke F., Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Nail holding building composition. 2,126,622; Aug. 9.
- Davis, Clarke F., Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Decking. 2,127,661; Aug. 23.
- Davis, Clarke F., Short Hills, and J. G. Brush, Westfield, N. J., and R. H. Peck, West New Brighton, Staten Island, N. Y., assignors, by mesne assignments, to American Cyanamid & Chemical Corporation. Doweled slab. 2,107,144; Feb. 1.
- Davis, Clarke F., Short Hills, J. G. Brush, Westfield, and R. H. Peck, Elizabeth, N. J., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Doweled slab construction. 2,107,145; Feb. 1.
- Davis, Cortland W., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Draw-off connection for heat-insulated containers. 2,117,276; May 17.
- Davis, Cortland W., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Mantle supporting means. 2,128,638; Aug. 30.
- Davis, Donald M., Reading, Pa. Leaf spring unit for vehicles. 2,127,351; Aug. 16.
- Davis, Durrell H., assignor to Spencer Trailer Company, Augusta, Kans. Axle. 2,132,725; Oct. 11.
- Davis, Earl G. (See Hubbard, H. C., and Davis.)
- Davis, Edgar E., Belleville, N. J. Skid chain device. 2,128,286; Aug. 30.
- Davis, Elmer M., assignor to Industrial Patents Corporation, Chicago, Ill. Deodorizing. 2,122,029; June 28.
- Davis, Elmer W., Newton Center, Mass., and A. H. Maynard, Warwick, R. I., assignors to Boston Wire Stitcher Company, Portland, Maine. Identification and recording device. 2,132,403; Oct. 11.
- Davis, Emergency Equipment Company. (See Davis, Frank R., assignor.)
- Davis, Ernest. (See Braun, P. N., and Davis.)
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Dry cleaning machine. 2,114,776; Apr. 19.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Motor means for fabric pressing machines. 2,115,414; Apr. 20.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Checking mechanism. 2,138,372; Nov. 29.
- Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,126,176; Aug. 9.
- Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Fluid control valve. 2,128,636; Aug. 30.
- Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,128,637; Aug. 30.
- Davis, Ernest W., Oak Park, assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 2,133,084; Oct. 11.
- Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,135,563; Nov. 8.
- Davis, Frank B. (See Griese, E. E., and Davis.)
- Davis, Frank J., assignor, by mesne assignments, of two-thirds to A. J. Moldenhauer and one-third to O. M. Meusel, Chicago, Ill. Bottle closure. 2,141,174; Dec. 27.
- Davis, Frank R., Scarsdale, assignor to Davis Emergency Equipment Company, Incorporated, New York, N. Y. Respiratory appliance. 2,133,345; Oct. 18.
- Davis, Frank S., Flossmoor, Ill. Sweeper. 2,136,676; Nov. 15.
- Davis, Fred F. (See Anderson, G. R., and Davis.)
- Davis, Frederick R. (See Hague, F. T., and Davis.)
- Davis, Frederick R. J. (See Hague, F. T., and Davis.)
- Davis & Furber Machine Company. (See Knight, Henry H., assignor.)
- Davis, Garland H. B. (See Spicer, W. E., and Davis.)
- Davis, Garland H. B., Elizabeth, N. J., assignor to Standard Oil Development Company. Separating waxy constituents from oils. 2,106,969; Feb. 1.
- Davis, Gaspé, H., Van Nuys, Calif. Toilet odor expeller. 2,129,048; Sept. 6.
- Davis & Geck, Inc. (See Bowen, Arthur, assignor.)
- Davis, George B., Jr., Washington, D. C. Fluid brake safety device. 2,121,653; June 21.
- Davis, George B., Jr., Washington, D. C. Liquid dispensing device. 2,127,860; Aug. 23.
- Davis, George B., Jr., Washington, D. C. Refrigerator freezer attachment. 2,139,576; Dec. 6.
- Davis, George C., Chicago, Ill. Cover for tops of cans and the like. 2,105,027; Jan. 11.
- Davis, George C., and G. J. Hachmeister, assignors to Davis Regulator Company, Chicago, Ill. Two-step solenoid valve. 2,132,204; Oct. 4.
- Davis, George P., Bondi Beach, near Sydney, Australia. Manufacture of rubber compositions. 2,109,661; Mar. 1.
- Davis, George P., Bondi Beach, near Sydney, Australia. Manufacture of rubber-cement or rubber-cement-asphaltic compositions. 2,109,662; Mar. 1.
- Davis, George P., Bondi Beach, near Sydney, New South Wales, Australia. Manufacture of rubber asphaltic compounds and applying same. 2,109,663; Mar. 1.
- Davis, George W., Trenton, N. J. Toy railway equipment. 2,125,551; Aug. 2.
- Davis, Grace P. (See Davis, Lewis K., assignor.)
- Davis, Grover, Morristown, S. Dak. Toy vehicle. 2,127,056; Aug. 16.
- Davis, Harold S. (See Dockson, C. H., and Davis.)
- Davis, Harold S., assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Manufacture of aromatic alcohol. 2,125,490; Aug. 2.
- Davis, Harold S., Belmont, Mass., assignor, by mesne assignments, to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Apparatus for measuring inclinations. 2,139,444; Dec. 6.
- Davis, Harry A., Hopedale, Mass. Automatic shuttle for looms. 2,132,461; Oct. 11.
- Davis, Harry E., Akron, Ohio. Confection handle and making same. 2,131,727; Oct. 4.
- Davis, Harry G. (See Davis, Roy E., assignor.)
- Davis, Henry K. B., Springfield, Mass. Golf ball. 2,106,704; Feb. 1.
- Davis, Henry R., Augusta, Ga. Harness lifting top for looms. 2,129,201; Sept. 6.
- Davis, Henry S., West Haven, Conn. Signaling system for automobiles and other vehicles. 2,118,775; May 24.
- Davis, Henry T., Salisbury, N. C. Top roll cleaner. 2,111,966; Mar. 22.
- Davis, Howard A., Boston, Mass., assignor to Radio Time Table Co. Inc., New York, N. Y. Radio timetable. 2,113,560; Apr. 12.
- Davis, Howard C., Elizabeth, N. J. Heat exchanger. 2,133,319; Oct. 18.
- Davis, Hubert E. (See Johnson, R. W., and Davis.)
- Davis, Ira R., Buffalo, N. Y. Power transmission. 2,140,790; Dec. 20.
- Davis, Isaac P., Swarthmore, Pa., assignor, by mesne assignments, to American Viscose Corporation. Spinning rayon and the bath used. 2,114,915; Apr. 19.
- Davis, Jack L., assignor to Sidney Ludwig, Chicago, Ill. Inter-office communication system. 2,107,817; Feb. 8.
- Davis, James A. (See Wupper, R. E., and Davis.)
- Davis, James H., and J. C. Lemming, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Briquetting finely divided material. 2,127,994; Aug. 23.
- Davis, James H., Dayton, Ohio assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,127,994; Oct. 11.
- Davis, John H., Ridgewood, assignor to Balloffer Dies & Nozzle Co., Inc., Guttenberg, N. J. Nozzle. 2,107,601; Feb. 8.



- Davis, John H., Los Angeles, Calif. Shoe. 2,110,521; Mar. 8.
- Davis, Joseph, South Orange, N. J. Tool handle. 2,127,163; Aug. 16.
- Davis, Joseph R., Clarksburg, W. Va. Internal combustion engine. 2,105,780; Jan. 18.
- Davis, Kenneth, Edensburg, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided materials. 2,107,602; Feb. 8.
- Davis, Kingsbury H., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit for controlling signal transmission in two-way signaling systems. 2,117,708; May 17.
- Davis, Latta O., assignor of one-half to S. B. Cooper, Greenfield, Ind. Yieldable coupling. 2,114,247; Apr. 12.
- Davis, Leonard S. (See Spencer, H. W., and Davis.)
- Davis, Lester M., Tacoma, Wash. Automobile radio aerial. 2,111,090; Mar. 15.
- Davis, Lewis, assignor to McLaurin-Jones Co., Brookfield, Mass. Decalcomania paper. 2,104,025; Jan. 4.
- Davis, Lewis, Worcester, assignor to McLaurin-Jones Co., Brookfield, Mass. Decalcomania paper. Re. 20,936; Dec. 6.
- Davis, Lewis H., Haddonfield, N. J., assignor to Radio Corporation of America, Indicator. 2,105,639; Jan. 18.
- Davis, Lewis K., assignor to G. P. Davis, Hampton, N. J. Joining power transmitting cables. 2,109,837; Mar. 1.
- Davis, Lewis K., assignor to G. P. Davis, of Hampton, N. J. Impact press. 2,132,148; Oct. 4.
- Davis, Lewis N., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Locking device for electrical plug and socket arrangement. 2,129,914; Sept. 13.
- Davis, Mansell A., Los Angeles, Calif. Folding cot. 2,112,454; Mar. 29.
- Davis, Mortimer L., New York, N. Y. Combination brassiere and girdle. 2,118,592; May 24.
- Davis, Norman E., Chelmsford, and F. J. Ainsley, Chislehurst, England, assignors to Radio Corporation of America. Construction of aerial systems for use on short waves. 2,118,396; May 24.
- Davis, Oscar M., Houston, Tex. Pump. 2,111,758; Mar. 22.
- Davis, Phillip W., assignor of three-twentieths to C. S. Brock, and one-tenth to W. T. Banks, St. Petersburg, Fla. Vermin trapping and exterminating device. 2,112,229; Mar. 29.
- Davis Regulator Company. (See Davis, G. C., and Hachmeister, assignors.)
- Davis, Richard E., et al. (See Chapling, Hershel W., assignor.)
- Davis, Robert F., Arlington Ridge, Va., assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,128,604; Aug. 30.
- Davis, Robert F., Washington, D. C. Towel rack. 2,141,347; Dec. 27.
- Davis, Robert L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Television system. 2,128,078; Aug. 23.
- Davis, Robert S. (See Smith, Robert, assignor.)
- Davis, Roger W., Natick, Mass. Sanitary comb. 2,128,287; Aug. 30.
- Davis, Roy E., assignor of one-half to H. G. Davis, Boulder, Colo. Shears sharpening device. 2,116,343; May 3.
- Davis, Samuel H. (See Bowers, C. O., and Williams, assignors.)
- Davis, Sidney H., H. W. Doennecke, and E. W. Douglass, assignors to Ozark Chemical Company, Tulsa, Okla. Recovering Glauber's salt from natural brine. 2,125,624; Aug. 2.
- Davis, Theophilus A., Los Angeles, Calif. Racket frame. 2,132,780; Oct. 11.
- Davis, Thomas J., Hinsdale, Ill., assignor to Link-Belt Company. Ice slinger. 2,114,557; Apr. 19.
- Davis, Walter T., assignor to Wheeling Stamping Company, Wheeling, W. Va. Tube and cap assembly. 2,117,407; May 17.
- Davis, William A., Chicago, Ill. Adjustable stretcher frame. 2,117,055; May 10.
- Davis, William A., Malden, assignor to Babcock-Davis Corporation, Boston, Mass. Roof hatch. 2,137,751; Nov. 22.
- Davis, William E., Chattaroy, W. Va. Cross tie for railways. 2,120,887; June 14.
- Davis, William E., Seven Springs, N. C. Toy walking animal. 2,124,667; July 26.
- Davis, William L., Richmond, Va. Frame for stretching doilies or the like. 2,118,880; May 31.
- Davis, William L., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Conveyor. 2,110,204; Mar. 8.
- Davis, William N., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Polymerizing hydrocarbons. 2,136,785; Nov. 15.
- Davis, William N., O. E. Cushman, and J. E. Fratis, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Bituminous emulsions and producing same. 2,132,607; Oct. 11.
- Davis, William H. H., and L. Markel, assignors to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad. 2,132,681; Oct. 11.
- Davis, William S., Knoxville, Tenn. Wall range. 2,109,006; Feb. 22.
- Davis, William S., North Hackensack, N. J., and A. R. Kuhn, Queens Village, assignors to Metropolitan Device Corporation, Brooklyn, N. Y. Meter protective cabinet seal. 2,142,048; Dec. 27.
- Davison, Charles R., Erie, Pa., assignor, by mesne assignments, to Standard Stoker Company, Inc., New York, N. Y. Conveying mechanism. 2,115,573; Apr. 26.
- Davison Chemical Corporation, The. (See Gabeler, W. H., Wilson, Tongue and Shoeld, assignors.)
- Davison Chemical Corporation, The. (See Lednum, James M., assignor.)
- Davison, Robert L., assignor to John B., Pierce Foundation, New York, N. Y. Reinforced frangible material building unit. 2,119,318; May 31.
- Davison, Clinton J., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,117,709; May 17.
- Davitt, Michael, Scranton, Pa. Box divider. 2,140,001; Dec. 13.
- Davol Rubber Company. (See Little, Jesse, assignor.)
- Davol Rubber Co. (See Raiche, Paul A., assignor.)
- Davy, Edward D., Cleveland Heights, Ohio. Making extract of cascara sagrada or the like. 2,110,205; Mar. 8.
- Davy, Edward D., Cleveland Heights, Ohio. Making extract of cascara sagrada or the like. 2,110,206; Mar. 8.
- Dawes, Bailey P., Detroit, Mich. Fuel heater for internal combustion engines. 2,104,974; Jan. 11.
- Dawes, Bailey P., Detroit, Mich. Carburetor. 2,128,079; Aug. 23.
- Dawn, George J., Waukegan, Ill. Retriever. 2,135,232; Nov. 1.
- Dawn, John W., Santa Monica, Calif. Disguise medium. 2,124,767; July 26.
- Dawson, Aaron G. (See Groeschel, S. C., and Dawson.)
- Dawson, Albert J., Sewickley, Pa. Steering gear. 2,134,399; Oct. 25.
- Dawson, Charles W., Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Forging apparatus. 2,116,670; May 10.
- Dawson, Clarence G., Pontiac, Mich. Washing apparatus. 2,115,622; Apr. 26.
- Dawson, Clifford C., assignor to Dawson Manufacturing Company, Oakland, Calif. Holder for cans and the like. 2,133,320; Oct. 18.
- Dawson, Council C. (See Hinson, O. C., and Dawson.)
- Dawson, David H., East Orange, N. J., and I. J. Krehma, Brooklyn, and R. M. McKinney, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Preparation of compounds of titanium. 2,127,247; Aug. 16.
- Dawson, Edward R., Epsom, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Invertase solution. 2,128,605; Aug. 30.
- Dawson, George H., assignor to Wilson-Jones Company, Chicago, Ill. Back gauge for punches. 2,123,170; July 12.
- Dawson, Horace W., Fort Lewis, Wash. Vaporizing nozzle. 2,140,517; Dec. 20.
- Dawson, Isaac L., Lawrence, Kans. Flue stop and fire check. 2,139,491; Dec. 6.
- Dawson, John W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric control system. 2,106,831; Feb. 1.
- Dawson, John W., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Timing device. 2,128,080; Aug. 23.
- Dawson, John W., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Change amplifying means. 2,137,043; Nov. 15.
- Dawson, John W., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling jacket fabrication. 2,137,044; Nov. 15.
- Dawson, John W., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Change-amplifying means. 2,140,349; Dec. 13.
- Dawson, John W., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,140,350; Dec. 13.
- Dawson, Joseph R., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Filler material for welding. 2,139,730; Dec. 13.
- Dawson Manufacturing Company. (See Dawson, Clifford C., assignor.)
- Dawson, Oliver H., Baytown, Tex., assignor to Standard Oil Development Company. Sulphonic acids from SO<sub>2</sub> extract of light mineral oil distillates. 2,115,843; May 3.
- Dawson, Samuel E., Washington, D. C. Distant reading electromagnetic balance. 2,141,175; Dec. 27.
- Dawson, Vernon B., Wilmington, Del. Battery carrier. 2,105,349; Jan. 11.
- Dawtre, Lewis H. (See Grinham, E. G., and Dawtre.)
- Dax, Albert G., et al. (See Harris, Carl D., assignor.)
- Day, Alton C., Roseland, N. J. Skate guard. 2,119,075; May 31.
- Day, Harry G., Minneapolis, Minn. Mixing machine. 2,113,914; Apr. 12.



- Day, Harry I., Kew Gardens, and H. D. Ellsworth, assignors to G. T. Kirby, New York, N. Y. Illumination. 2,139,732; Dec. 13.
- Day, Herbert O., St. Paul, assignor to St. Paul Hydraulic Hoist Co., Minneapolis, Minn. Hydraulic hoisting apparatus. 2,137,045; Nov. 15.
- Day, J. H., Company, The. (See Kirchhoff, William G., assignor.)
- Day, J. H., Company, The. (See Liebelt, Adolph A., assignor.)
- Day, J. H., Company, The. (See Rehtin, C. R., and Jantsch, assignors.)
- Day, J. H., Company, The. (See Schiff, Sigmund, assignor.)
- Day, Ray E., Detroit, Mich. Piston. 2,120,090; June 7.
- Day, Ray E., Grosse Pointe Farms, Mich. Piston mold. 2,120,833; June 14.
- Day, Ray E., Grosse Pointe, assignor to Motor Research Corporation, Detroit, Mich. Piston. 2,141,784; Dec. 27.
- Day, Ray E., Detroit, Mich. Piston. 2,127,767; Aug. 23.
- Day, Robert L., Seattle, Wash. Fertilizing sprinkler. 2,131,796; Oct. 4.
- Day, Salisbury M., assignor to General Railway Signal Company, Rochester, N. Y. Automatic block signaling system for railroads. 2,105,905; Jan. 18.
- Day, Thomas O., Baton Rouge, La., assignor to Standard Oil Development Company. Light buoy. 2,119,854; June 7.
- Day, Thomas R., Buffalo, N. Y. Fog nozzle. 2,116,879; May 10.
- Day, William P., Cleveland, Ohio. Machine for laying concrete. 2,123,989; July 19.
- Day, William W., Hammond, La. Crate. 2,121,905; June 28.
- Day and Zimmermann, Incorporated. (See Badenhausen, John P., assignor.)
- Dayatite Lamp Corporation. (See Greenmun, Leo S., assignor.)
- Dayes, Frederick E., Philadelphia, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Motor vehicle. 2,139,807; Dec. 13.
- D'Ayguessives, Serge, Paris, France. Pneumatic tire. 2,109,691; Mar. 1.
- Daykin, Thomas R., Montreal, Quebec, Canada. Paper cabinet. 2,110,827; Mar. 8.
- Daylight Fluoroscope Corporation. (See Talty, Francis E., assignor.)
- Dayton, Donald G., et al. (See Roll, Walter H., assignor.)
- Dayton, James M., Torrington, Conn. Control mechanism for dispensing apparatus. 2,115,303; Apr. 26.
- Dayton, James M., Torrington, Conn. Dispensing apparatus with indicator and automatic controls. 2,121,396; June 21.
- Dayton, Malleable Iron Company, The. (See Jeffery, Allen T., assignor.)
- Dayton Malleable Iron Company, The. (See Runyan, W. B., and Langenheim, assignors.)
- Dayton Malleable Iron Company, The. (See Smith, Charles J., assignor.)
- Dayton, Max E., assignor to Bamax Machine Co., Inc., Rockford, Ill. Trailer wheel assembly. 2,109,311; Feb. 22.
- Dayton Pump & Mfg. Co., The. (See Horvath, Anthony G., assignor.)
- Dayton Rubber Manufacturing Company, The. (See Bacon, Henry M., assignor.)
- Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)
- Dayton Rubber Mfg. Company, The. (See Freedlander, A. L., and Ritzert, assignors.)
- Dayton Rubber Manufacturing Company, The. (See Freedlander, A. L., and Rockoff, assignors.)
- Dayton Rubber Mfg. Company, The. (See Mooradian, Harry S., assignor.)
- Dayton Steel Foundry Company, The. (See Walther, George, assignor.)
- Dazey Churn & Manufacturing Co. (See Dazey, Harry L., assignor.)
- Dazey, Harry L., Clayton, assignor to Dazey Churn & Manufacturing Co., St. Louis, Mo. Device for opening cans. 2,140,151; Dec. 13.
- Deahl, Kenneth J., assignor, by mesne assignments, to Pittsburgh Annealing Box Company, Pittsburgh, Pa. Annealing box. 2,115,416; Apr. 26.
- Deal, Benjamin H., Price, Utah. Propeller. 2,125,549; Aug. 2.
- Deal Electric Company. (See Brownstein, Arthur, assignor.)
- Deal, Leroy S., Canton, Ohio, and O. F. Deal, Hulbert, Mich. Combination lock. 2,120,112; June 7.
- Dealers' Manufacturing Company. (See Hudson, Finn S., assignor.)
- Dean, Albert G. (See Ragsdale, E. J. W., and Dean.)
- Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Draft gear. 2,113,542; Apr. 6.
- Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle walkway structure. 2,128,221; Aug. 30.
- Dean, Alvin B., Glenwood, Iowa. Eaves trough. 2,120,305; June 14.
- Dean, Charles A., Compton, Calif. Core bit. 2,118,397; May 24.
- Dean, Edmund W., assignor to Duplex Printing Press Company, Battle Creek, Mich. Newspaper printing press. 2,104,737; Jan. 11.
- Dean, Edmund W., assignor to Duplex Printing Press Company, Battle Creek, Mich. Newspaper printing press. 2,109,819; Mar. 1.
- Dean, Edmund W., assignor to Duplex Printing Press Company, Battle Creek, Mich. Web assembling means for printing presses. 2,136,277; Nov. 8.
- Dean, Edmund W., assignor to Duplex Printing Press Company, Battle Creek, Mich. Web assembling means for printing presses. 2,136,278; Nov. 8.
- Dean, Edmund W., and J. L. Blackley, assignors to Duplex Printing Press Company, Battle Creek, Mich. Plate clamp operating device for printing presses. 2,104,854; Jan. 11.
- Dean, George O., Plainview, Tex. Power unit. 2,129,652; Sept. 13.
- Dean, Irving, Rockaway Beach, N. Y. Illuminating device for bathroom scales. 2,107,888; Feb. 8.
- Dean, John N. (See Smith, E. W., Dean, and Mattingley.)
- Dean, Oman F. (See Deal, Leroy S. and O. F.)
- Dean, Reginald S., Washington, D. C., assignor, by mesne assignments, to Carboly Company, Inc. Ferrous alloy. Re. 20,800; July 19.
- Dean, Reginald S., Washington, D. C., assignor, by mesne assignments, to Chicago Development Company, Chicago, Ill. Treatment of ores. 2,131,006; Sept. 20.
- Dean, Reginald S., Washington, D. C., and C. W. Davis, Pittsburgh, Pa. Separating magnetic material. 2,132,404; Oct. 11.
- Dean, Reginald S., Washington, D. C., and J. G. Minneapolis, Minn., assignor, by mesne assignments, to Chicago Development Company, Chicago, Ill. Apparatus for pulverizing mineral aggregates. 2,139,808; Dec. 13.
- Dean, Walter B., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car truck. 2,132,001; Oct. 4.
- Dean, Walter B., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car truck. 2,136,733; Nov. 15.
- Dean, Walter C., Chevy Chase, Md. Hydraulic steering gear. 2,105,473; Jan. 18.
- Dean, William H., Darlington, England. Electrical signaling system. 2,125,491; Aug. 2.
- Dean, William T., Gary, Ind. Soaking pit and like heating furnace. 2,126,095; Aug. 9.
- Deane, Henry N., and J. A. Dell, assignors to Simplex Time Recorder Co., Gardner, Mass. Ribbon feed mechanism. 2,122,518; July 5.
- Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Continuous method of reacting liquid reagents. 2,106,521; Jan. 25.
- Deans, Arthur C., Los Angeles, Calif. Luminous tube display. 2,106,238; Jan. 25.
- Deans, Arthur C., Los Angeles, Calif. Luminous tube sign. 2,116,721; May 10.
- Deans, Arthur C., Los Angeles, Calif. Luminous tube sign character. 2,139,884; Dec. 13.
- Deans, Robert C., Glasgow, Scotland. Artificial fly for fishing. 2,121,072; June 21.
- Deans, William, Ridgewood, N. J., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Energy absorber for circuit breakers. 2,137,000; Nov. 15.
- Dearborn Chemical Company. (See Converse, Earl M., assignor and Duai.)
- Dearborn, Frederick E., Washington, D. C., dedicated to the free use of the Public in the United States. Double salts of copper arsenite and a copper salt of a higher unsaturated fatty acid. 2,104,584; Jan. 4.
- Dearborn, Frederick E., Washington, D. C., dedicated to the free use of the People of the United States. Insecticide and fungicide. 2,127,380; Aug. 16.
- Dearborn, Richard J., Summit, N. J., assignor to The Texas Company, New York, N. Y. Transporting hydrocarbon oils. 2,124,514; July 19.
- Deardorff, Ralph W., Portland, Oreg., assignor to American Telephone and Telegraph Company. Communication system. 2,133,380; Oct. 18.
- Dearing, Lester V., assignor to Automatic Unit Corporation, Milwaukee, Wis. Printing press. 2,140,986; Dec. 20.
- Deaver, Benjamin F., Breckenridge, Tex. Reversible plow. 2,130,950; Sept. 20.
- Deaver, Benjamin F., Breckenridge, Tex. Adjustable automatic self releasing hitch. 2,139,577; Dec. 6.
- De Ayala, José, San Juan, P. R. Meal preparing apparatus. 2,119,455; May 31.
- De Back, William. (See Thompson, A. R., and de Back.)
- De Baufre, William L., Lincoln, Nebr. Method and apparatus for cooling and rectifying gaseous mixtures. 2,105,214; Jan. 11.
- De Baufre, William L., Lincoln, Nebr. Method and apparatus for defrosting air separation plants. 2,113,680; Apr. 12.
- De Baufre, William L., Lincoln, Nebr. Method of and apparatus for separation of moist gaseous mixture. 2,116,191; May 3.
- De Baufre, William L., Lincoln, Nebr. Method and apparatus for separating air. 2,128,692; Aug. 30.
- De Besson, George, assignor to R. S. Dollar, San Francisco, Calif. Compass for automatic pilots. 2,116,103; May 3.



- De Bellescize, Henri J. J. M. D., Neuilly-sur-Seine, France. Synchronizing system. Re. 20,821; Aug. 9.
- De Berry, Homer H., Tulsa, Okla. Key receptacle. 2,105,763; Jan. 18.
- De Bersaques, Romain, Seattle, Wash., assignor to Steiner Sales Company, Chicago, Ill. Towel dispensing apparatus. 2,120,023; June 7.
- De Biasi, Charles P., New London, Conn. Screen support. 2,129,568; Sept. 6.
- Debing, Lawrence M. (See Irely, K. M., and Debing.)
- De Bieux, Earl V., Pittsfield, Mass., assignor to General Electric Company. Parallel multinode transformer connection. 2,107,934; Feb. 8.
- De Bieux, Earl V., Pittsfield, Mass., assignor to General Electric Company. Power supply for rectifier auxiliaries. 2,140,377; Dec. 13.
- De Blois, Lewis A., New York, N. Y. Motion indicator and velocity meter. 2,136,991; Nov. 15.
- De Boer, Jan H. (See Addink, N. W. H., de Boer, Alphen, and Zecher.)
- De Boer, Jan H. (See Teves, M. C., and de Boer.)
- De Boer, Jan H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Light sensitive layer and making same. 2,113,193; Apr. 5.
- De Boer, Jan H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Asymmetric electrode system. 2,131,167; Sept. 27.
- De Boer, Jan H., and K. H. Klaassens, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Obtaining photographic contrasts. 2,106,868; Feb. 1.
- De Boer, Jan H., and W. C. van Geel, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken. Asymmetric electrode system. 2,109,879; Mar. 1.
- De Boer, Jan H., and W. C. van Geel, Eindhoven, Netherlands, assignors to Radio Corporation of America. Photoelectric device. 2,139,223; Dec. 6.
- De Boer, Jan H., and W. C. van Geel, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Asymmetric electrode system. 2,139,731; Dec. 13.
- De Booyes, Jacob, Breda, Netherlands, assignor to American Enka Corporation, Enka, N. C. Manufacture of viscose. 2,139,302; Dec. 6.
- Debor, Hermann, Munich, Germany, assignor to Dominion Oxygen Company, Limited. Hollow vessel for high pressures. 2,106,494; Jan. 25.
- Debor, Hermann, Munich, Germany, assignor to Dominion Oxygen Company, Limited. Making pressure vessels. 2,106,495; Jan. 25.
- Debor, Hermann, Munich, Germany, assignor to Dominion Oxygen Company, Limited. Making containers. 2,106,496; Jan. 25.
- De Botelho, Martin, New York, N. Y. Device for closing a bag. 2,107,692; Feb. 8.
- De Bothezat, George, assignor, by mesne assignments, to American Machine and Metal Inc., New York, N. Y. Disk fan. 2,121,073; June 21.
- De Bourgogne, Helene. (See Hoffman, Grover C., assignor.)
- Debrie, Andre L. V. C., Paris, France. Cinematographic intermittent film feed and shutter. 2,106,115; Jan. 18.
- Debrie, Andre L. V. C., Paris, France. Adjustable drive roll for developing machines for films and the like. 2,120,735; June 14.
- Debrie, Andre L. V. C., Paris, France. Friction driving device. 2,127,768; Aug. 23.
- Debuch, Carl P., and E. Marksworth, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Rotary furnace. 2,119,528; June 7.
- Debus, Sander, Hastings, Nebr., assignor to U. S. Slicing Machine Company. Drive reciprocating bread slicing machines. 2,126,369; Aug. 9.
- Debus, Sander, Hastings, Nebr., assignor to U. S. Slicing Machine Company. Sheeting machine. 2,132,937; Oct. 11.
- De Buys, Laurence R., New Orleans, La. Nursing bottle. 2,110,928; Mar. 15.
- Decal Automatic Corporation. (See Kott, Herbert, assignor.)
- Decapiteau Glass Containers, Inc. (See Wishon, Ralph, assignor.)
- De Cardy, Otto, assignor to Chicago Embroidery Company, Chicago, Ill. Hand embroidery machine for seamless hose. 2,118,788; May 24.
- De Cardy, Otto, assignor to Chicago Embroidery Company, Chicago, Ill. Embroidering machine. 2,141,294; Dec. 27.
- De Castro, Vincent A., Habana, Cuba. Storage tank for volatile liquids. 2,125,771; Aug. 2.
- De Cesare, Matteo, Newark, N. J., assignor to Karl Ohlbaum & Son, Inc., New York, N. Y. Doll's eye. 2,125,426; Aug. 2.
- De Cesaris, Frederick, Cranston, R. I. Pencil leg construction for compasses. 2,130,072; Sept. 13.
- De Cew, Judson A., Mt. Vernon, N. Y. Paper sizing. 2,137,239; Nov. 22.
- De Cew, Judson A., Mt. Vernon, N. Y. Preparation of alum solution for paper sizing. 2,138,840; Dec. 6.
- Deckard, Charles L., Tulsa, Okla. Beam hanger. 2,125,861; Aug. 2.
- Deckard, Charles L., Tulsa, Okla. Polished rod grip. 2,132,781; Oct. 11.
- Deckel, Friedrich. (See Brunner, Anton, assignor.)
- Deckel, Friedrich. (See Zwick, Kurt, assignor.)
- Deckel, Fritz. (See Zwick, K., Deckel, Fischlmayr, and Ulsamer.)
- Decker, Alfred, & Cohn, Inc. (See Green, Charles G., assignor.)
- Decker, Alfred, & Cohn, Inc. (See Markin, Louis, assignor.)
- Decker, Alonzo G. (See Whitney, K. E., and Decker.)
- Decker, Edward E., Weymouth, Mass. Radiator vent valve. 2,128,081; Aug. 23.
- Decker, George, Cincinnati, assignor to The Philad Company, Cleveland, Ohio. Waving hair. 2,104,897; Jan. 11.
- Decker, George, Cincinnati, Ohio. Electric heater. 2,133,163; Oct. 11.
- Decker, George, assignor to A. Kietz, Bellevue, Wash., and P. D. Spaeth, Cincinnati, Ohio. Permanent waving device. 2,140,184; Dec. 13.
- Decker, Harold H., Fairview, N. J. Specific gravity measuring device. 2,115,520; Apr. 26.
- Decker, Howard H., Fairview, N. J. Continuous viscosity meter. 2,120,351; June 14.
- Decker, Henry, Bogota, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Extruding metal containers. 2,104,222; Jan. 4.
- Decker, Hugh L., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Molding device. 2,124,733; July 26.
- Decker, Josef B., assignor to The Triump Fusee and Fireworks Company, Elkton, Md. Marine signal. 2,120,736; June 14.
- Decker, Ralph, et al. (See Hill, Richard D., assignor.)
- Decker, Sol, Chicago, Ill. Making stick supported connections. 2,113,575; Apr. 12.
- Deckert, Danvers O. C., University City, Mo. Making Sanctuary candles. Re. 20,854; Sept. 13.
- De Cola, John, Wilmington, and L. Christensen, Long Beach, Calif. Hydraulic jack for vehicles. 2,115,328; Apr. 26.
- Decometal Incorporated. (See Conant, Arthur P., assignor.)
- Decometal Incorporated. (See Shoemaker, William, assignor.)
- Decorated Metal Manufacturing Co. Inc. (See Atwood, Rawson, assignor.)
- Decuyppere, Charles, Rekkem, and M. Dujardin, Lauwe, Belgium. Process and machine for scutching flax and the like. 2,118,071; May 24.
- De Duke, Jacob, New York, N. Y. Hair curling apparatus. 2,129,121; Sept. 6.
- Dee, Harold D., Los Angeles, Calif. Self locking cable hook. 2,116,880; May 10.
- Dee, Thomas, San Francisco, Calif. Wall block. 2,109,942; Mar. 1.
- Deeb, George J., Indianapolis, Ind. Treating piston rings. 2,125,606; Aug. 2.
- Deeley, Paul M., assignor to Cornell-Dubilier Corporation, New York, N. Y. Electrolytic device. 2,106,208; Jan. 25.
- Deems, Edward M., Forest Hills, assignor to Railroad Accessories Corporation, New York, N. Y. Rail bond. 2,129,493; Sept. 6.
- Deere & Company. (See Coultas, W. J., and Colvin, assignors.)
- Deere & Company. (See Court, Frank T., assignor.)
- Deere & Company. (See Dieterich, Arthur B., assignor.)
- Deere & Company. (See Hammond, Floyd H., assignor.)
- Deere & Company. (See Johnson, Ellsworth T., assignor.)
- Deere & Company. (See Luellen, Lloyd, assignor.)
- Deere & Company. (See Neighbour, Leonard B., assignor.)
- Deere & Company. (See Silver, Walter H., assignor.)
- Deere & Company. (See Strandlund, Carl G., assignor.)
- Deere & Company. (See Swenson, Axel W., assignor.)
- Deere & Company. (See Thieman, William B., assignor.)
- Deere & Company. (See Tuft, Miles H., assignor.)
- Deere & Company. (See Westerlund, Paul H., assignor.)
- Deere & Company. (See White, Charles H., assignor.)
- Deere, John, Tractor Company. (See McCormick, E., Stewart, and Worthington, assignors.)
- Deere, John, Tractor Company. (See Paul, Talbert W., assignor.)
- Deese, Robert F., Jr. (See Dahlen, M. A., Zwilgmeyer, Bigelow, and Deese.)
- DeFaria, Joseph G., Mansfield, Mass. Airdome. 2,110,325; Mar. 8.
- Defender Photo Supply Company. (See Potter, Rowland S., assignor.)
- Defibaugh, Mark A., Lake Orion, Mich. Windshield. 2,119,423; May 31.
- Defives, Raymond, Brussels, assignor to Servo-Freln Dewandre Societe Anonyme, Liege, Belgium. Arrangement for controlling firearms. 2,115,483; Apr. 26.
- De Florez, Luis, Pomfret, Conn. Fluid valve. 2,122,560; July 5.
- De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Manufacture of antiknock gasoline. 2,125,855; Aug. 2.
- De Florez, Luis, Pomfret, Conn., J. W. Gray, Mountain Lakes, N. J., and E. Bach, Yonkers, assignors to The Texas Company, New York, N. Y. Apparatus for temperature control. 2,115,665; Apr. 26.
- De Forest, Alfred V., Southport, Conn., assignor to Magnaflux Corporation, Pittsburgh, Pa. Testing apparatus. 2,110,759; Mar. 8.



- De Forest, Alfred V., Cambridge, Mass., assignor to Magnaflex Corporation, Chicago, Ill. Magnetic inspection. 2,136,375; Nov. 15.
- De Forest, Lee, Laboratories. (See de Forest, Lee, assignor.)
- De Forest, Lee, assignor to American Television Laboratories, Inc., Hollywood, Calif. Television system and method. 2,122,456; July 5.
- De Forest, Lee, Hollywood, assignor to Lee De Forest Laboratories, Los Angeles, Calif. High frequency oscillating circuit. 2,126,541; Aug. 9.
- De Francesco, Joseph, St. Louis, Mo. Braided article and making same. 2,137,770; Nov. 22.
- De Frates, Joseph S., New Brunswick, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Hormonal composition. 2,137,240; Nov. 22.
- De Fremery, Frank, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Telephony. 2,129,990; Sept. 13.
- De Ganahl, Carl, assignor to Fleetwings, Inc., Bristol, Pa. Forming corrugations. 2,125,427; Aug. 2.
- Degea Aktiengesellschaft (Auergesellschaft). (See Gidecke, W., and Guertler, assignors.)
- Degelman, Edward, Secaucus, N. J. Clutch engaging and disengaging mechanism. 2,121,626; June 21.
- Degen, Alexander A. C. (See Black, H. D., and Degen.)
- Deghenghi, Milan, Vienna, Austria. Support for tubular tungsten filament lamps. 2,117,655; May 17.
- De Gheselle, Frank, East Moline, Ill. Refrigerator handling and moving device. 2,108,477; Feb. 15.
- De Giers, Clarence A., Forest Hills, N. Y. Electrically controlled liquid level indicator. 2,104,898; Jan. 11.
- De Glull, Clementine. (See Wagner, William, assignor.)
- De Give, Gertrude L., Atlanta, Ga. Page turning tab. 2,122,004; June 28.
- Degnan, James, Corona, assignor to Speedy Gravure Corporation, New York, N. Y. Web registering mechanism. 2,105,185; Jan. 11.
- De Golyer, Anthony G., New York, N. Y., assignor to Vulcan Alloy Corporation. Weldrod. 2,104,693; Jan. 4.
- De Golyer, Anthony G., New York, N. Y., assignor to Vulcan Alloy Corporation. Weldrod. 2,104,694; Jan. 4.
- De Golyer, Anthony G., New York, N. Y., assignor to Vulcan Alloy Corporation. Weld rod. 2,118,296; May 24.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,742; Aug. 16.
- De Golyer, Anthony G., New York, N. Y. Boron alloy. 2,126,743; Aug. 16.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,744; Aug. 16.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,745; Aug. 16.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,746; Aug. 16.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,747; Aug. 16.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,748.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,749; Aug. 16.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,126,750; Aug. 16.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,129,346; Sept. 6.
- De Golyer, Anthony G., New York, N. Y. Manganese alloy. 2,129,347; Sept. 6.
- De Golyer, Anthony G., New York, N. Y. Manganese-boron alloy. 2,129,348; Sept. 6.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,135,494; Nov. 8.
- De Golyer, Anthony G., New York, N. Y. Alloy. 2,135,495; Nov. 8.
- De Golyer, Anthony G., New York, N. Y. Boron alloy steel. 2,137,109; Nov. 15.
- De Golyer, Anthony G., New York, N. Y. Boron alloy steel. 2,137,110; Nov. 15.
- De Gironimo, Enrico, New York, N. Y. Removable heel. 2,139,885; Dec. 13.
- De Graw, Othel I. (See Rosebrook, H. E., and De Graw.)
- De Groce, Gennaro, Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical control system. 2,140,351; Dec. 13.
- De Groot, Abraham J. W. (See Volz, R. F., Horowitz, and De Groot.)
- De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,104,793; Jan. 11.
- De Groote, Melvin, St. Louis, assignor to The Tret O Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,104,794; Jan. 11.
- De Groote, Melvin, St. Louis, assignor to The Tret O Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,104,795; Jan. 11.
- De Groote, Melvin, St. Louis, assignor to The Tret O Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,239; Jan. 25.
- De Groote, Melvin, St. Louis, assignor to The Tret O Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,241; Jan. 25.
- De Groote, Melvin, St. Louis, assignor to The Tret O Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,242; Jan. 25.
- De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,243; Jan. 25.
- De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,244; Jan. 25.
- De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,110,846; Mar. 8.
- De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,110,847; Mar. 8.
- De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,110,848; Mar. 8.
- De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,110,849; Mar. 8.
- De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Esters of urea-alkylene oxide condensation products. 2,123,718; July 12.
- De Groote, Melvin, University City, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,127,905; Aug. 23.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,240; Jan. 25.
- De Groote, Melvin, University City, B. Keiser, Webster Groves, L. L. Faure, Kirkwood, and A. F. Wirtel, assignors to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,108,960; Feb. 22.
- De Groote, Melvin, University City, B. Keiser, Webster Groves, L. L. Faure, Kirkwood, and A. F. Wirtel, assignors to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,108,961; Feb. 22.
- De Guere, Charles H. C. (See Kromm, V. O., Kohl, and de Guere.)
- Deguide, Hubert, Enghien, France. Polishing composition. 2,126,096; Aug. 9.
- De Hart, Arthur D., Modesto, Calif. Automatic door for turkey nests. 2,105,879; Jan. 18.
- De Hart, John R., assignor to Reading Foundry and Supply Co., Reading, Pa. Insertable joint. 2,126,542; Aug. 9.
- De Haven, Hugh, New Canaan, Conn. Educational palette or value control palette. 2,137,477; Nov. 22.
- Dehler, Henry L., Kewanee, Ill. Venting core boxes. 2,126,097; Aug. 9.
- Dehler, Lee R. (See Criger, G. N., and Dehler.)
- Dehmel, Richard C., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Insulator. 2,138,571; Nov. 29.
- Dehn, William C., Three Rivers, Mich., assignor to Fairbanks, Morse & Co., Chicago, Ill. Piston. 2,136,416; Nov. 15.
- De Hoffmann, Alexander C., New York, N. Y. License plate holder device. 2,141,866; Dec. 27.
- De Horvath, Zoltan, Western Springs, and W. B. Paris, Argo, Ill., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Manufacture of zinc sulphide. 2,136,376; Nov. 15.
- Dehuff, Walter F., Glen Rock, Pa., assignor to American Machine & Foundry Company. Mixing machine beater. 2,109,614; Mar. 1.
- Deinet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye-stuffs of the anthraquinone series. 2,113,231; Apr. 5.
- Deinet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 1-acidyl-amino-2-methyl-4-aminoanthraquinones. 2,129,991; Sept. 13.
- Deinet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinonoyl aminoanthraquinones. 2,129,993; Sept. 13.
- Deinet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the pyrazolanthrone series. 2,133,432; Oct. 18.
- Deister Concentrator Company, The. (See Griffin, Donald N., assignor.)
- Deister, Emil E. and I. F., assignors to Deister Machine Co., Port Wayne, Ind. Vibrating screen. 2,135,069; Nov. 1.
- Deister, Irwin F. (See Deister, Emil E. and I. F.)
- Deister Machine Co. (See Deister, Emil E. and I. F., assignors.)
- Dettenbach, Carl, Jamaica, N. Y. Mobile verge plate for knitting machines. 2,137,604; Nov. 22.
- Detters, August M., Atlanta, and E. R. Gillon, East Point, assignors to Southern Wood Preserving Company, Atlanta, Ga. Cutter for pole shaping machines. 2,109,414; Feb. 22.
- Detters, August M., assignor to Southern Wood Preserving Company, Atlanta, Ga. Pole shaping cutter. 2,109,415; Feb. 22.
- Deltz, Louis S., Jr., Westfield, N. J., and H. H. Weber, Annandale, assignors to Nassau Smelting and Refining Company, Incorporated, New York, N. Y. Metallic article. 2,126,246; Aug. 9.
- Delta, Louis S., Jr., Metuchen, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Purification of lead. 2,133,433; Oct. 18.
- De Jong, Henry W. (See Engs, W., de Jong, and Tamele.)



- De Jong, Johan R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Preparing mixtures of rubber. 2,123,482; July 12.
- De Jong, Louis. (See Boon, A. A., Barkowitz, and Uitermark, assignors.)
- De Kok, Willem J. C. (See Waterman, H. I., Leendertse, and de Kok.)
- De Kramolin, Leon L., Berlin-Wilmersdorf, Germany. Space discharge device. 2,129,730; Sept. 13.
- De La Barre, Cecelia, Minneapolis, Minn. Device for curling hair. 2,121,476; June 21.
- De la Barre de Nanteuil, Christian, Versailles, France. Variable speed power-transmitting device. 2,105,186; Jan. 11.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Willow Grove, Pa. Autorotative wing for aircraft. 2,135,700; Nov. 8.
- Delagrangé, Carl R., Fall River, assignor to Firestone Cotton Mills, New Bedford, Mass. Traveler for twister rings. 2,127,082; Aug. 16.
- Delalandre, Camille, Suresnes, France. Lifting apparatus. 2,113,879; Apr. 12.
- De La Mater, R. G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Hydrodynamic brake. 2,126,751; Aug. 16.
- De La Mater, Robert G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Hydrodynamic brake mechanism. 2,113,109; Apr. 5.
- De La Mater, Robert G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Pumping apparatus. 2,134,326; Oct. 25.
- Delamere Company. (See Goodman, Jacob, assignor.)
- Delamere Company. (See Huppert, William, assignor.)
- Delamere, Rudolf D., Toronto, Ontario, Canada, assignor to Delamere & Williams Limited. Air conditioning apparatus. 2,120,601; June 14.
- Delamere & Williams Limited. (See Delamere, Rudolf D., assignor.)
- De la Mota, Francisco E., Kingston, Jamaica, British West Indies. Preserving citrus fruit. 2,110,871; Mar. 15.
- De Lancey, Warren H. (See Logan, J. A., and De Lancey.)
- De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Hose nozzle. 2,110,326; Mar. 8.
- De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid meter. 2,121,120; June 21.
- De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Pumping apparatus. 2,134,686; Nov. 1.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Warning device for liquid dispensing apparatus. 2,124,486; July 19.
- Delaney, Gertrude M., Detroit, Mich. Combination wash-basin and cabinet attachment for bathtubs. 2,113,648; Apr. 12.
- De Laney, Wallace W., assignor to The Seamless Rubber Company, Inc., New Haven, Conn. Heating device for therapeutical purposes. 2,136,043; Nov. 8.
- Delaney, Warren L., Lewiston, Maine. Shoe. 2,135,233; Nov. 1.
- De Laney, William E., and H. S. Redcay, Willow Grove, Pa. Shoe holder. 2,114,441; Apr. 19.
- De Lange, Cornelis, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic condenser. 2,117,792; May 17.
- De Lange, Cornelis, and A. F. P. J. Claassen, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic condenser. 2,130,073; Sept. 13.
- De Lange, Owen E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical power indicating apparatus. 2,121,141; June 21.
- Delano, James K. (See Converse, Edward H., assignor.)
- De Lanty, Loren J. (See Drake, H. C., and De Lanty.)
- De Lanty, Loren J., Spring Valley, assignor to Sperry Products, Inc., Brooklyn, N. Y. Testing device for search units of flaw detectors. 2,113,783; Apr. 12.
- De Lanty, Loren J., Spring Valley, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector mechanism. 2,124,411; July 19.
- Delany, Albanus G., Alabama City, Ala., assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Bale tie bundle. 2,124,271; July 19.
- Delany, Albanus G., Gadsden, Ala., assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Sheet mill piler. 2,137,478; Nov. 22.
- De Lape, David E., Pasadena, Calif. Machine for breaking and decorticating bast fibers. 2,116,997; May 10.
- De Lasarte, América F., Habana, Cuba. Clinical-surgical-robe. 2,124,366; July 19.
- De la Torre, Manuel, Houston, Tex. Cigarette extinguisher. 2,123,719; July 12.
- Delaval-Crow, Thomas C. (See Murden, W. T., and Delaval-Crow.)
- Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Locking device for bearings and the like. 2,136,125; Nov. 8.
- De Laval Separator Company, The. (See Bergner, Nore E., assignor.)
- De Laval Separator Company, The. (See Erling, Sven J., assignor.)
- De Laval Separator Company, The. (See Fox, Douglas P. S., assignor.)
- De Laval Separator Company, The. (See Hall, Selden H., assignor.)
- De Laval Separator Company, The. (See Hulbert, John L., assignor.)
- De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
- De Laval Separator Company, The. (See Malherbe, Gideon J., assignor.)
- De Laval Separator Company, The. (See Strezynski, George J., assignor.)
- De Laval Separator Company, The. (See Strezynski, G. J., and Kronasser, assignors.)
- Delavan, Frank. (See Miller, J. P., and Delavan, assignors.)
- De Lavaud, Dimitri S., Paris, France. Hydraulic transmission. 2,106,423; Jan. 25.
- Delaware Company. (See Goodman, Abraham, assignor.)
- Delaware Floor Products, Inc. (See Crew, Leon E., assignor.)
- De Lay, Clyde L., Indianapolis, Ind. Wire fence stretcher. 2,129,569; Sept. 6.
- Delbord, Yvon, Paris, France, assignor to General Electric Company. Tuning receiving systems. 2,133,849; Oct. 18.
- Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Electrical connector plug. 2,121,521; June 21.
- De Leeuw, Peter. (See Benner, R. C., and de Leeuw.)
- De Leeuw, Peter. (See Whitacre, M. L., and de Leeuw.)
- De Leeuw, Peter, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacture of ceramic articles. 2,104,609; Jan. 4.
- De Leeuw, Peter, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Alkali silicate cement. 2,114,166; Apr. 12.
- Delesdernier, Oran M., Waltham, Mass. Cover for manifold books. 2,141,295; Dec. 27.
- De Levi, Alexandre L., assignor to International Business Machines Corporation, New York, N. Y. Watch type cryptograph. 2,123,234; July 12.
- Delfoe, Edward F., Brooklyn, N. Y. Spraying device. 2,125,428; Aug. 2.
- Delfox, James G., Flushing, assignor to Poor & Company, New York, N. Y. Rail supporting and retaining means. 2,130,074; Sept. 13.
- Delfs, Detlef, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuff. 2,140,312; Dec. 13.
- Delfs, Detlef, and O. Bayer, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,125,625; Aug. 2.
- Delfs, Detlef, Leverkusen, H. Kleiner, Cologne-Mulheim, and T. Kollmann, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,135,433; Nov. 1.
- Delfs, Detlef, and R. Knoche, Leverkusen I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Cupriferous azo dyestuffs. 2,127,678; Aug. 23.
- Del Genovese, Pietro, Pisa, Italy. Control device for atomizer nozzles, burner heads, and the like. 2,131,936; Oct. 4.
- Del Grosso, Gerard. (See Bates, C. J., and Del Grosso.)
- Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Fountain pen. 2,123,406; July 12.
- Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Mechanical pencil. 2,131,551; Sept. 27.
- Delich, Peter, Duluth, Minn. Toy. 2,110,592; Mar. 8.
- Delich, Peter, Duluth, Minn. Window construction. 2,116,781; May 10.
- Delich, Peter, Duluth, Minn. Weather strip and sash holder. 2,135,564; Nov. 8.
- De Lin, Martin, assignor to Holland Furnace Company, Holland, Mich. Draft control for furnaces. 2,112,272; Mar. 29.
- De Lin, Martin, assignor to Holland Furnace Company, Holland, Mich. Joint construction. 2,131,552; Sept. 27.
- De Lin, Martin, assignor to Holland Furnace Company, Holland, Mich. Joint construction. 2,131,553; Sept. 27.
- De Lisle, Winfield S., Colonia, N. J. Amalgamator. 2,120,859; June 14.
- Dell, Cyril, Berkhamsted, and H. L. Read, Hutton Mount, England. Power transmission system. 2,112,016; Mar. 22.
- Dell, James A. (See Deane, H. N., and Dell.)
- Dell, James A. (See Watkins, E. G., and Dell.)
- Dellea, Gayton, Detroit, Mich. Shoe heel. 2,104,924; Jan. 11.
- Dellenbach, Charles G., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyor or cable clamp. 2,124,485; July 19.
- Dellenbarger, Charles E., and M. Mannist, Philadelphia, Pa.; said Mannist assignor to said Dellenbarger. Metal stud and joist. 2,140,313; Dec. 13.
- Deller, Anthony W. (See Koeppel, Carl G., assignor.)
- Deller, Anthony W. (See Schmid, Carl, assignor.)
- Dellgren, Karl, Stockholm, Sweden, assignor, by mesne assignments, to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating iron or steel articles with aluminum. 2,135,387; Nov. 1.



- Dellgren, Karl, Stockholm, Sweden, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating iron or steel articles with aluminum. 2,135,388; Nov. 1.
- Dellinger, Abraham M., Lancaster, Pa., assignor to Dellinger Manufacturing Company. Molasses feed combined grinding and mixing mill. 2,125,993; Aug. 9.
- Dellinger Manufacturing Company. (See Dellinger, Abraham M., assignor.)
- Del-Mac Shoe Process Corporation, The. (See Garfinkel, M., Ruiz, and Duga, assignors.)
- Del-Mac Shoe Process Corporation. (See Maccarone, Fred, assignor.)
- Del-Mac Shoe Process Corporation. (See Quinn, Edward, assignor.)
- Del-Mac Shoe Process Corporation, The. (See Sutcliffe, Harry L., assignor.)
- "Delmag," Deutsche Elektromaschinen- & Motoren-Bau-Aktiengesellschaft. (See Haage, Konrad, assignor.)
- De Long, Darrol F., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,122,131; June 28.
- De Long, Darrol F., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,124,846; July 26.
- De Long, Herbert. (See Nelson, C. E., and De Long.)
- De Long Hook and Eye Company, The. (See Hand, John E., assignor.)
- De Los Rice, Charles, West Hartford, Conn. Braking mechanism for railway cars. 2,141,450; Dec. 27.
- Deloye, James J., Neenah, Wis., assignor to International Cellucotton Products Company, Chicago, Ill. Interfolding machine. 2,116,782; May 10.
- Delpech, Gaston. (See George H., and Delpech.)
- Delpech, Gaston, Clamart, and R. Lambert, Levallois-Perret, assignors to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Insulators, heat resisting and similar articles, and manufacturing the same. 2,136,877; Nov. 15.
- Delta Electric Company. (See Wiley, Lee M., assignor.)
- Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)
- Delta-Star Electric Company. (See Cole, Fred H., assignor.)
- Delta-Star Electric Company. (See Hampton, Weldon O., assignor.)
- Delta-Star Electric Company. (See Hampton, W. O., and Nessler, assignors.)
- De Luxe Products Corporation. (See Hurn, James E., assignor.)
- De Luxe Products Corporation. (See Warner, George C., assignor.)
- Delvinjotti, Jean. (See Hubert, Jean, assignor.)
- Delvinjotti, Jean, Paris, France. Clockwork system. 2,108,010; Feb. 8.
- Demag Aktiengesellschaft. (See Barth, Paul, assignor.)
- De Marco, Charles, Rochester, N. Y. Apparatus for pressing the collars and lapels of coats. 2,118,031; May 24.
- De Marco, Louis, Cleveland, Ohio. Amusement apparatus. 2,116,014; May 3.
- Demaree, Harry S., Chicago, Ill., and D. G. Smelle, Canton, assignors to The Hoover Company, North Canton, Ohio. Suction cleaner bag. 2,110,013; Mar. 1.
- De Martini, Paul G., Jr., San Francisco, Calif. Table accessory. 2,104,342; Jan. 4.
- Demas, John, New York, N. Y. Circuit closer for alarms. 2,122,248; June 28.
- De Mattels, Alfredo, Valley Stream, Long Island, assignor to Toastolator Company, Inc., New York, N. Y. Toaster. 2,112,076; Mar. 22.
- De Mattels, Alfredo, Valley Stream, and A. C. Goddard, Forest Hills, Long Island, assignors to Toastolator Company, Inc., New York, N. Y. Toaster. 2,112,075; Mar. 22.
- De Mattia, Anthony, Solvay, N. Y. Centrifugal separator. 2,129,992; Sept. 13.
- Demboski, Leo, and J. Kay, assignors to The Ohio Nut & Bolt Company, Berea, Ohio. Welding nut. 2,105,139; Jan. 11.
- Demel, Frederick, Grantwood, N. J. Making gold leaf and product thereof. 2,121,559; June 21.
- De Melo, Alfredo S. A., Lisbon, Portugal. Inkwell. 2,129,409; Sept. 6.
- De Ment, Robert R., Cleveland, Ohio. Collapsible support for curtains. 2,104,416; Jan. 4.
- Demers, Isale J. B., assignor to Superior Metal Products Company, St. Paul, Minn. Hot plating containers. 2,105,906; Jan. 18.
- Demers, Isale J. B., assignor to Superior Metal Products Company, St. Paul, Minn. Electric welding machine. 2,105,907; Jan. 18.
- Demers, Isale J. B., St. Paul, Minn., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Device for removing molten metal. 2,139,114; Dec. 6.
- Demers, Rene J., Lawrence, Mass. Removing glass and putty from sash. 2,113,016; Apr. 5.
- Demeter, Ladislav, Monor, Hungary. Fuse for hand grenades and projectiles. 2,104,508; Jan. 4.
- Demetriopoulos, Peter, Middle Village, assignor to International Electro Ticket Punch Corp., New York, N. Y. Ticket punching device. 2,114,440; Apr. 19.
- Demianenko, Ermoly, New York, N. Y. Accordion. 2,134,176; Oct. 25.
- De Millar, Floyd O., assignor to D. W. Flint, Providence, R. I. Automatic door check construction. 2,127,327; Aug. 16.
- De Minico, Robert H., Brookline, assignor to C. S. Walk-up, Jr., Boston, Mass. Card holder. 2,117,545; May 17.
- Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for cutting metals with liquid oxygen. 2,138,400; Nov. 29.
- Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Acetylene generator. 2,141,380; Dec. 27.
- Demme, Ernst. (See Elöd, E., and Demme.)
- Demonet, Eugene A., Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Printing telegraph system. 2,106,691; Jan. 25.
- De Monge, Gerard, Floatoy, Belgium. Thermionic tube compensator for aerials. 2,116,696; May 10.
- De Montgrand, Leon, Marseille, France. Coupling apparatus. 2,113,515; Apr. 5.
- Demotvignier, Marcel, assignor to Hewittie (Societe Anonyme), Suresnes, France. Arrangement for controlling the control electrodes of ionized vapor valves. 2,133,850; Oct. 18.
- Demotvignier, Marcel, assignor to Hewittie Societe Anonyme, Suresnes, France. Arrangement of two or more anodes for rectifiers provided with control electrodes. 2,140,736; Dec. 20.
- De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rotary tool. 2,107,108; Feb. 1.
- De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Lubricator. 2,111,583; Mar. 22.
- De Motte, Maurice P., Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Acetylene generator. 2,106,971; Feb. 1.
- De Motte, Maurice P., Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Acetylene generator. 2,106,972; Feb. 1.
- De Motte, Maurice P., Indianapolis, Ind., assignor to The Prest-O-Lite Company, Inc. of New York. Gas delivery apparatus. 2,136,075; Nov. 8.
- De Motte, Maurice P., and C. H. Baker, Indianapolis, Ind., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Acetylene generator. 2,106,970; Feb. 1.
- Dempsey, Arthur E., Jr., Council Bluffs, Iowa, assignor, by mesne assignments, to North American Car Corporation, Chicago, Ill. Air conditioning for vehicles. 2,134,107; Oct. 25.
- Dempsey, Clarence M., Calgary, Alberta, Canada. Cement and iron combined post base. 2,135,389; Nov. 1.
- Dempsey, Harry W., Charlotte, Mich. Abrading apparatus. 2,119,738; June 7.
- Dempsey, Harry W., Charlotte, assignor of one-half to H. F. Hittle, Lansing, Mich. Abrading wheel sheet and sheet holder. 2,115,943; May 3.
- Dempsey, Henry C., assignor to The Beall Improvements Company, Inc., Decatur, Ill. Degerminator. 2,108,655; Feb. 15.
- Dempsey, James B., Topeka, Kans., assignor to the Government of the United States, as represented by the Secretary of Commerce. Wire bending and securing device. 2,138,026; Nov. 29.
- Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Forging die. 2,125,088; July 26.
- Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Gasket. 2,125,334; Aug. 2.
- Dempsey, Thomas A., Scranton, Pa. Shirt rack. 2,118,461; May 24.
- Dempster, Clyde B. (See Gerhardt, J. H., Williams, and Dempster.)
- Dempster, George R., Knoxville, Tenn. Transporting and dumping vehicle. 2,121,121; June 21.
- Dempster Mill Manufacturing Co. (See Gerhardt, J. H., Williams and Dempster, assignors.)
- Denault, Clinton L. (See Strom, A. P., Denault, and McCulloch.)
- Denault, Clinton L., Forest Hills, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,106,316; Jan. 25.
- Den Besten, Gerrit, Corsica, S. Dak., assignor of one-fourth to Liverance & Van Antwerp, Grand Rapids, Mich. Tractor stop hitch. 2,138,841; Dec. 6.
- Den Besten, Gerrit, Corsica, S. Dak., assignor of one-fourth to Liverance & Van Antwerp, Grand Rapids, Mich. Tractor stop hitch with brake. 2,140,504; Dec. 20.
- Denbow, Clarence E., and B. L. Rees, Columbus, Ohio. Closure for collapsible tubes. 2,123,694; July 12.
- Dencklau, Karl R., Plainfield, N. J., assignor to American Telephone and Telegraph Company. Combined form and carbon sheet holder. 2,119,203; May 31.
- Dencklau, Karl R., Plainfield, N. J., assignor to American Telephone and Telegraph Company. Carbon sheet and face form holder. 2,126,528; Aug. 9.
- Denelsheck, David, Huntington, W. Va., assignor to Owens Illinois Glass Company. Apparatus for marking or decorating articles. 2,111,207; Mar. 15.



- Denelsbeck, David, Huntington, W. Va., assignor to Owens-Illinois Glass Company. Apparatus for marking articles. 2,113,576; Apr. 12.
- Denelsbeck, David, Huntington, W. Va., assignor to Owens-Illinois Glass Company. Method and apparatus for decorating articles. 2,132,868; Oct. 11.
- Denerich, Anthony J., Hartford, Conn. Lock. 2,114,073; Apr. 12.
- Denerich, Anthony J., assignor to The Sesamee Company, Hartford, Conn. Permutation lock. 2,119,704; June 7.
- Denerich, Anthony J., Hartford, Conn., assignor, by mesne assignments, to Bemis & Call Company, Springfield, Mass. Permutation lock. 2,136,493; Nov. 15.
- De Neve, Theodor A., Batavia, Java, Dutch East Indies. Preparing food products from papaya fruit. 2,120,489; June 14.
- Denham, John J., assignor to A. E. Jurs, Berkeley, Calif., doing business as Shand & Jurs Company. Automatically adjusting brake. 2,119,384; May 31.
- Den Hertog, Herman J., Jr. (See Wibaut, J. P., and den Hertog.)
- De Nicholas, Frank, et al. (See Morrell, Michael, assignor.)
- De Nicolais, Ernest, New York, N. Y. Window construction. 2,115,189; Apr. 26.
- De Niem, Günther. (See Wohlfarth, O., and de Niem.)
- Denier, James C. (See Hohmeister, Arthur E., assignor.)
- Denig, Fred, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Gas liquor treatment. 2,127,503; Aug. 23.
- Denig, Fred., Pittsburgh, Pa., and H. A. Gollmar, Union, N. J., assignors, by mesne assignments, to Koppers Company. Gas and liquid contact apparatus and method. 2,125,190; July 26.
- De Niro, Frank J., Erie, Pa. Engine starter. 2,129,653; Sept. 13.
- Denison, Alvina M., administratrix. (See Denison, James H.)
- Denison, Frederick S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,140,451; Dec. 13.
- Denison, James H., deceased, by A. M. Denison, administratrix, Hartford, Conn. Selective control mechanism for radio sets. 2,107,472; Feb. 8.
- Deniston, Albert J., Jr., and E. D. Tripp, Chicago, Ill.; said Tripp assignor to said Deniston, Jr. Roof construction. 2,111,110; Mar. 15.
- Deniston, Robert F., Mount Vernon, Ill., and W. P. Hawthorne, Augusta, Kans., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for determining the dew point of a vapor product. 2,106,593; Jan. 25.
- Denker, Frank A., Hobbs, N. Mex., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,125,429; Aug. 2.
- Denkert, James R., assignor to M. Denkert & Company, Johnstown, N. Y. Baseball glove. 2,113,934; Apr. 12.
- Denkert, M., & Company. (See Denkert, James R., assignor.)
- Denman, Harry B., Birmingham, assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Panel. 2,131,728; Oct. 4.
- Denman, Harry B., Birmingham, assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Laminated gasket. 2,136,734; Nov. 15.
- Dennedy, James H., assignor to Sunbeam Electric Manufacturing Company, Evansville, Ind. Cooling unit. 2,130,331; Sept. 13.
- Denner, Georg, Vienna, Germany. Actuating means for siphon-discharge apparatus in water flushing installations. 2,136,842; Nov. 15.
- Dennerlein, Paul, Stuttgart-Unterturkheim, assignor to R. Stahl A. G., Stuttgart, Germany. Escalator. 2,127,164; Aug. 16.
- Denney, Courtlandt F., assignor to Foster Wheeler Corporation, New York, N. Y. Oil refining. 2,105,523; Jan. 18.
- Dennin, William W., Albany, N. Y. Coin controlled garment checking apparatus. 2,108,402; Feb. 15.
- Dennis, Anna, Hopkins, Minn. Decorative bag. 2,129,654; Sept. 13.
- Dennis, Charles M., Otsego, Mich. Changeable exhibitor. 2,112,692; Mar. 29.
- Dennis, Clark M., Montclair, N. J. Automatic regulating device. 2,140,933; Dec. 20.
- Dennis, Heyward S. (See Courtney, John F., assignor.)
- Dennis, John, and J. W. Morgan, Chico, Calif. Range burner mounting. 2,121,477; June 21.
- Dennis, W. J., & Company. (See Dennis, William J., assignor.)
- Dennis, Wesley E., Ithaca, N. Y. Window construction. 2,126,177; Aug. 9.
- Dennis, William J., assignor to W. J. Dennis & Company, Chicago, Ill. Weather strip construction. 2,122,366; June 28.
- Denniss, William W., Donora, and A. Robinson, Monongahela, Pa. Heating furnace. 2,113,681; Apr. 12.
- Dennison, Brook J. (See Sherts, J. H., and Dennison.)
- Dennison, Edward S., New London, Conn. Flexible coupling. 2,126,313; Aug. 9.
- Dennison, Edward S., New London, assignor to Electric Boat Company, Groton, Conn. Cross head and piston rod and piston construction. 2,109,060; Feb. 22.
- Dennison, Edward S., New London, assignor to Electric Boat Company, Groton, Conn. Exhaust valve means. 2,130,075; Sept. 13.
- Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
- Dennison Manufacturing Company. (See Stillwell, Charles W., assignor.)
- Denny, Alfred S., Hopewell, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Production of alkali metal nitrates. 2,106,168; Jan. 25.
- Denny, John J., Schumacher, and A. C. Daman, Denver, Colo., assignors, by mesne assignments, to Mining Process and Patent Company. Concentration of minerals. 2,107,289; Feb. 8.
- De Nooij, Jan C., Ghent, Belgium, D. J. Gerritsen, Arnhem, Netherlands, and A. A. Jucker, Manchester, England. Regenerating waste sulphuric acid by oxidizing impurities. 2,134,909; Nov. 1.
- Denormandie, Paul, Paris, France. Case which can be transformed into a table. 2,110,791; Mar. 8.
- De Noronha, Joaquin, Rio de Janeiro, Brazil. Overshoe or galosh. 2,108,656; Feb. 15.
- Denovan, Robert A., Asbestos, Quebec, Canada. Horizontal vibrating screen. 2,107,729; Feb. 8.
- Dense, John C., Rochester, N. Y. Die shoe. 2,108,253; Feb. 15.
- Densten, Ulysses G., Haddon Heights, N. J. Fogless mirror for dental and like uses. 2,120,091; June 7.
- Dent, Charles E. (See Linstead, R. P., and Dent.)
- Dental Research Corporation. (See Erdle, Reiner W., assignor.)
- Dentists' Supply Company of New York, The. (See Gysl, Alfred, assignor.)
- Dentler, Arnold E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,109,367; Feb. 22.
- Denton, Ira B., Mosca, Colo. Convertible vehicle seat. 2,133,539; Oct. 18.
- Detton, Joseph A., Milwaukee, Wis. Tie puller. 2,133,851; Oct. 18.
- Denton, William W., Russell, Fla. Sap collecting gutter. 2,134,327; Oct. 25.
- Denver Patent Company. (See Logue, Leland H., assignor.)
- De Oca, Heriberto U. M., Mexico, D. F., Mexico. Treating process for all kinds of fibers. 2,113,361; Apr. 5.
- De Orlow, Stephen, Detroit, Mich. Hood rest for automobiles. 2,135,613; Nov. 8.
- De Palma, Ralph, assignor to American Tire Guard Company, Detroit, Mich. Wheel guard. 2,110,929; Mar. 15.
- Depew, Charles, Oakland, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,110,855; June 7.
- Depew, Charles, Oakland, N. J., and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,133,434; Oct. 18.
- Depew, Harlan A., and W. T. Maidens, Columbus, Ohio, assignors to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making zinc sulphide. 2,140,668; Dec. 20.
- De Pietro, Pasquale, Woodmere, N. Y. Replaceable sash and frame for same. 2,141,348; Dec. 27.
- De Port, Theophile, Dayton, Ohio. Recording instrument. 2,124,547; July 26.
- Deputy, Horace E., Rochester, Minn. Bonding ferrous and nonferrous metals. 2,123,181; July 12.
- De Puy, Charles T., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Folding bath stand and dressing table. 2,113,682; Apr. 12.
- De-Raef Corporation. (See Fear, Ernest D., assignor.)
- De-Raef Corporation. (See Fear, E. D., and Siebenthaler, assignors.)
- De Rayville, Jean, New York, N. Y. Hygrometer. 2,131,554; Sept. 27.
- Derby, George T., Jacksonville, Fla. Traffic signal device. 2,105,857; Jan. 18.
- Derby, Ira H., and O. D. Cunningham, assignors to P. C. Reilly, Indianapolis, Ind. Flotation and agent therefor. 2,134,706; Nov. 1.
- Derby, John H., Scarsdale, N. Y. Fire detecting and alarm mechanism. 2,107,525; Feb. 8.
- Derby, Wallene R. (See Thomas, C. A., Soday, and Derby.)
- Derby, William V., assignor to The General Vending Service Co., Baltimore, Md. Vending machine. 2,139,578; Dec. 6.
- Derdzinski, Stanley, Milwaukee, Wis. Renewable fuse plug. 2,109,901; Mar. 1.
- Deremer, Floyd E., Detroit, Mich. Silencer construction. 2,116,751; May 10.
- Deremer, Floyd E., Detroit, Mich. Silencer construction. 2,139,151; Dec. 6.
- De Remer, J. G., Research Corporation. (See Motycka, Joseph, assignor.)
- Deren, Pincus. (See Fink, C. G., and Deren.)
- DeRenal, Frank J., Camillus, assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Granulating fertilizers. 2,124,332; July 19.
- De Right, Elon J., Kansas City, and L. O. Becker, University City, assignors to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,114,736; Apr. 19.



- Deringer, Hans, Winterthur, Switzerland, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Gas producer. 2,108,764; Feb. 15.
- Dern, Karl L. (See Calvert, R., Dern, and Alles.)
- De Rocher, Arthur H., Honolulu, Hawaii, assignor to Electric Steel Foundry, Portland, Oreg. Disk plow. 2,113,556; Apr. 5.
- De Rome, Jean J., and L. R. Trepanier, Quebec, Quebec, Canada. Knob fastening device. 2,117,947; May 17.
- De Ropp, Harald. (See Burke, W. E., and de Ropp.)
- De Ropp, Harald W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea synthesis. 2,116,881; May 10.
- Deros, Peter O., Fulton, Ill. Piling connecter. 2,122,835; July 5.
- De Rosa, Louis A. (See Bagno, Samuel, assignor.)
- De Rosa, Steve, New York, N. Y. Adjustable bracket. 2,110,037; Mar. 1.
- De Rouge, Charles R., A. M., Mercues, France, assignor to Pollapas Patents Limited, London, England. Balancing device for flying machines. 2,120,065; June 7.
- Derr, Ralph B., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Drying alcohol. 2,137,605; Nov. 22.
- Derr, Ralph B., Oakmont, and H. B. Stere, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Alumina production. 2,127,504; Aug. 23.
- Derrig, Joseph A., Chicago, Ill. Collet chuck. 2,139,733; Dec. 13.
- Derris, Inc. (See Wotherspoon, Robert, assignor.)
- Dersen, Heinrich, assignor to Maschinenfabrik Carl Zangs A.-G. (Herm. Schroers Nachf.), Crefeld, Germany. Cross winding machine. 2,105,140; Jan. 11.
- Dervieux, André, assignor, by mesne assignments, to H. L. Walker, Paris, France. Arrangement for copying lenticular films. 2,130,537; Sept. 20.
- Desaubiaux, Robert R. M., Paris, France. Card selecting system. 2,109,820; Mar. 1.
- Desbordes, Louis, Machemont, and P. Bertrand, assignors to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint Gobain, Chauny & Cirey, Paris, France. Transporting and guiding means. 2,120,435; June 14.
- Deschamps, Desiré J., Moline, Ill. assignor of one-half to L. B. Von Weise and E. M. Jacobi, executors of the estate of P. D. Ball, deceased. Propeller shaft mounting. 2,113,017; Apr. 5.
- Deschamps, Desiré J., and C. J. Lane, assignors to Eclipse Aviation Corporation, East Orange, N. J. Valve for pumps. 2,126,874; Aug. 16.
- Deschimag. (See Ness, Artur, assignor.)
- Dechner, Richard E., Los Angeles, Calif. Sanitary closure for receptacles containing pourable substances. 2,109,720; Mar. 1.
- De Seversky, Alexander P., New York, N. Y. Lift intensifier for aircraft. 2,111,530; Mar. 15.
- De Seversky, Alexander P., New York, N. Y. Aircraft wing structure. 2,135,464; Nov. 1.
- De Seversky, Alexander P., Asharoken Beach, Northport, assignor to Seversky Aircraft Corporation, Farmingdale, N. Y. Aircraft anchor. Re. 20,870; Oct. 4.
- De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft structure. 2,129,824; Sept. 13.
- Deslmoné, Cornelius A., Cynwyd, assignor to John Wood Manufacturing Company, Conshohocken, Pa. Fluid dispensing apparatus. 2,110,108; Mar. 1.
- Deslmoné, Cornelius A., Bala Cynwyd, and J. C. Woodford, Haverford, assignors to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,121,734; June 21.
- Deslmoné, Cornelius A., Bala Cynwyd, and J. C. Woodford, Haverford, assignors to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,131,705; Sept. 27.
- Desmarteaux, Louis. (See Page, Paul E., assignor.)
- D'Esopo, Francis P., assignor to The Wiremold Company, Hartford, Conn. Adjustable take-off fitting. 2,119,319; May 31.
- Desoutter, Charles, London, England. Portable electric drill and the like. 2,141,971; Dec. 27.
- Despatures, Charles F., Tournai, Belgium. Vehicle head lamp. 2,137,446; Nov. 22.
- Despecher, F. J. (See Domes, Edward A., assignor.)
- Despois, Robert L. (See Goissedet, P. E. C., and Despois.)
- Des Roches, Hilton H., Butte, Mont. Rock drill joint. 2,107,238; Feb. 1.
- Desrosiers, Albert J., New Bedford, Mass. Water bubbler. 2,107,109; Feb. 1.
- DeSSERT, George B., Brooklyn, N. Y., assignor to Cercha, Inc., Chicago, Ill. Binding or binding element for books and the like. 2,131,276; Sept. 27.
- Desselle, Peter J., Detroit, Mich. Cigarette case. 2,140,830; Dec. 20.
- Desser, Michael S., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Dispensing container. 2,135,330; Nov. 1.
- De Stagni, Adolfo S., Buenos Aires, Argentina. Purification of used lubricating oils. 2,124,814; July 24.
- De Stefano, John B., New York, N. Y. Helicopter. 2,130,918; Sept. 20.
- De Stuhner, Emilie, New York, N. Y. Manufacturing colored soluble cellulose. 2,125,103; July 26.
- Detachable Bit Company. (See Rea, Walter C., assignor.)
- De Tar, Donald R., Stratford, Conn., assignor to General Electric Company. Drive mechanism. 2,106,088; Jan. 18.
- De Tepla, Anne, New York, N. Y. Rope holder. 2,115,623; Apr. 26.
- Deters, John L., Cincinnati, Ohio, assignor to The Formica Insulation Company. Bobbin. 2,140,497; Dec. 20.
- Detex Watchclock Corporation. (See Kennedy, L., and Beyer, assignors.)
- Detrick, M. H., Company. (See Hosbein, Louis H., assignor.)
- Detrick, Stanley R. (See Dahlen, M. A., and Detrick.)
- Detroit Compensating Axle Corporation. (See Durham, H. N., and Canfield, assignors.)
- Detroit Dental Manufacturing Company. (See Jones, Cleveo, assignor.)
- Detroit Edison Company, The. (See Hall, Harry G., assignor.)
- Detroit Edison Company, The. (See Matthews, George A., assignor.)
- Detroit Edison Company, The. (See Wyatt, Kenneth S., assignor.)
- Detroit Electric Furnace Company. (See Weinheimer, Claude M., assignor.)
- Detroit Gasket & Mfg. Co. (See Balfe, George T., assignor.)
- Detroit Gasket & Manufacturing Company. (See Denman, Harry B., assignor.)
- Detroit Harvester Company. (See Nicholson, Stanley W., assignor.)
- Detroit Hydrostatic Brake Corporation. (See Hunt, George H., assignor.)
- Detroit Hydrostatic Brake Corporation. (See Sauzedde, Claude, assignor.)
- Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)
- Detroit Lubricator Company. (See Eggleston, Lewis W., assignor.)
- Detroit Lubricator Company. (See Foulds, Andrew K., assignor.)
- Detroit Lubricator Company. (See Hann, Albert G., assignor.)
- Detroit Lubricator Company. (See Knudson, Irving J., assignor.)
- Detroit Lubricator Company. (See Landon, Walter S., assignor.)
- Detroit Lubricator Company. (See Russel, Philip S., assignor.)
- Detroit Lubricator Company. (See von Wangenheim, Adolf, assignor.)
- Detroit Lubricator Company. (See Weber, Walter H., assignor.)
- Detroit Lubricator Company. (See Wile, Daniel D., assignor.)
- Detroit Lubricator Company. (See Wile, D. D., and Campbell, assignors.)
- Detroit Macold Corporation. (See Hendrie, George S., assignor.)
- Detroit Paper Products Corporation. (See Connelly, James M., assignor.)
- Detroit Show Case Company. (See Malott, Herbert, assignor.)
- Detroit Stoker Company. (See Beers, Royce L., assignor.)
- Dettar, Steve, Detroit, Mich. Circuit breaker. 2,104,190; Jan. 4.
- Detwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone compounds. 2,111,091; Mar. 15.
- Detwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff of the anthrimidecarbazole series. 2,111,092; Mar. 15.
- Detwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process for the preparation of copper halides. 2,126,455; Aug. 9.
- Detwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of indanthrone compounds. 2,126,456; Aug. 9.
- Detwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of aminoanthraquinone compounds. 2,128,178; Aug. 23.
- Detwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,111,074; Oct. 18.
- De Turk, Lewis L. (See Heffner, H. F., and De Turk.)
- Detwiler, James G., assignor to The Fox's Company, New York, N. Y. Shushing oil. 2,124,446; July 19.
- Deubel, Carl G., Shrewstown, Pa., assignor to Progressive Service Company, St. Louis, Mo. Ornamenting die. 2,140,701; Dec. 20.
- Deubel, Karl, Jersey City, N. J. Preserving butterflies. 2,110,732; May 19.
- Deutsch, Hans, assignor to the firm Alex. Friedmann, Vienna, Austria. Automatic control device for the over flow valve of injectors. 2,110,502; Mar. 8.
- Deutsche Celluloid Fabrik. (See Thinius, Kurt, assignor.)
- Deutsche Elektrolyse- und Alkali-Gesellschaft. (See Zumbach, Wilhelm, assignor.)
- Deutsche Gas- und Wasserwerke AG. (See Wehrle, Theodor, assignor.)



- Deutsche Getriebe Gesellschaft mit beschränkter Haftung. (See Mylius, Otto, assignor.)  
 Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Bauer, K., Pressel, and Medweth, assignors.)  
 Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler. (See Finkenbeiner, H., and Schmäcke, assignors.)  
 Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Jaeger, Gustav, assignor.)  
 Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Kärcher, Alfred, assignor.)  
 Deutsche Gold- und Silber Scheideanstalt, vormals Roessler. (See Nagel, K., and Scheffer, assignors.)  
 Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Thilenius, R., and Schneider, assignors.)  
 Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Voelkel, Walter, assignor.)  
 Deutsche-Hollerith Maschinen G. m. b. H. (See Maul, Michael, assignor.)  
 Deutsche Hydrierwerke Aktiengesellschaft. (See Gellendien, Walter, assignor.)  
 Deutsche Hydrierwerke Aktiengesellschaft. (See Heuter, Richard, assignor.)  
 Deutsche Hydrierwerke Aktiengesellschaft. (See Morgenstern, S., and Eggert, assignors.)  
 Deutsche Hydrierwerke Aktiengesellschaft. (See Schenck, Otto, assignor.)  
 Deutsche Hydrierwerke Aktiengesellschaft. (See Schrauth, Walther, assignor.)  
 Deutsche Hydrierwerke Aktiengesellschaft. (See Schrauth, W., and Stieckdorn, assignors.)  
 Deutsche Kurtin-Oel-Fabriken. (See Heil, Hanns, assignor.)  
 Deutsche Luftfahrt- und Handels Aktien-Gesellschaft. (See Boykow, Johann M., assignor.)  
 Deutsche Röhrenwerke Aktiengesellschaft. (See Severin, Jose, assignor.)  
 Deutsche Tafelglas Aktiengesellschaft (Detag). (See Kilian, Georg, assignor.)  
 Deutschmann, Walter, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Potentiometer. 2,118,072; May 24.  
 Devaney, Michael J., Chicago, Ill. Producing steel. 2,108,254; Feb. 15.  
 De Varda, Giuseppe, Serravalle Sesia, Italy. Recovery of calcium phosphate, alumina and potassium values from their insoluble minerals. 2,104,295; Jan. 4.  
 De Vault, Ralph P., South Pasadena, Calif. Peeler. 2,106,796; Feb. 1.  
 Devaux, Lucien. (See Van Mierlo, S., Pulles, Smets, and Devaux.)  
 Devaux, Paul, Maromme, France. Drawing and retention mechanism for preparing and spinning machines. 2,133,657; Oct. 18.  
 De Vecchis, Ineo, Paris, France. Treating the residues from the roasting of the iron pyrites. 2,119,270; May 31.  
 Devendor, John A., and W. A. Devendor, Jackson Heights, N. Y. Button. 2,108,255; Feb. 15.  
 Devendor, William A. (See Devendor, John A. and W. A.)  
 Devereaux, William C., Detroit, Mich. Dovetail. 2,116,305; May 3.  
 Devereaux, William C., Detroit, Mich. Combination dovetail and lock keeper. 2,137,271; Nov. 22.  
 Devèze, Frederic, Paris, France. Type casting and setting machine. 2,104,509; Jan. 4.  
 De Vigier, William, London, England. Wall form clamp. 2,140,669; Dec. 20.  
 De Vilbiss Company. (See Ludwig, John E., assignor.)  
 De Vilbiss, Thomas G., San Antonio, Tex. Flowerpot holder. 2,136,279; Nov. 8.  
 Devine, Bernard F., Milwaukee, and C. F. Ball, Wauwatosa, assignors to Chain Belt Company, Milwaukee, Wis. Concrete-mixing apparatus. 2,135,439; Nov. 1.  
 Devine, Harry A., and F. M. Molitor, assignors to Harley-Davidson Motor Company, Milwaukee, Wis. Bracing guard for motorcycles and similar two-wheeled vehicles. 2,126,752; Aug. 16.  
 De Vita, Frank L., Livingston, N. J. Smoking pipe. 2,132,289; Oct. 4.  
 De Vlieg, Charles B. (See Lundberg, N. S., and De Vlieg.)  
 De Vlieg, Charles B., Detroit, Mich., assignor to Associated Patents, Inc. Backlash eliminator mechanism. 2,119,705; June 7.  
 De Vlieg, Charles B., Jackson, Mich., assignor to Associated Patents, Inc., Cincinnati, Ohio. Combination positioning and locking mechanism. 2,123,825; July 12.  
 Devlin, James E., Worcester, Mass. Snow removal device. 2,104,363; Jan. 4.  
 Devlin, Samuel B., New York, and J. Hulsman, Rocky Point, N. Y. Article and making same. 2,129,731; Sept. 13.  
 Devney, Lee J., Painesville, Ohio. Rack. 2,135,565; Nov. 8.  
 De Voe, Albert H., Westfield, N. J., assignor to Talon, Inc. Sewing machine. 2,131,250; Sept. 27.  
 De Voe, Edwin W., et al. (See Abbott, Ernest J., assignor.)  
 De Voe, George E. (See Geske, C. W., and De Voe.)  
 De Voe, William E., et al. (See Abbott, Ernest J., assignor.)  
 De Vooy, Gerard J., Huckelhoven, near Erkkelenz, Germany. Apparatus for the wet concentration of coal by the float and sink process using a heavy separating liquid. 2,110,760; Mar. 8.  
 De Voss, Edwin A., Jr., San Francisco, Calif. Necktie holder. 2,128,606; Aug. 30.  
 De Voursney, Andrew M., Milwaukee, Wis. Safe and liner therefor. 2,134,861; Nov. 1.  
 DeVout, Anson W., La Grange Park, assignor to Industrial Patents Corporation, Chicago, Ill. Method and apparatus for dipping poultry. 2,124,691; July 26.  
 De Vries, Gerrit, Eindhoven, and H. B. R. Boosman, Hilversum, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Tuning device for lecher-wire systems. 2,113,758; Apr. 12.  
 De Vry, Herman A., Inc. (See Fitz, Charles L., assignor.)  
 Dew, Robert L. (See Barker, J. A., and Dew.)  
 De Walt, Kenneth C., Schenectady, N. Y., assignor to General Electric Company. Spark plug. 2,105,411; Jan. 11.  
 Dewan, Leon, assignor of fifty percent to G. H. Callaghan, New York, N. Y. Method and apparatus for recording and reproducing sound-on-film. 2,108,801; Feb. 22.  
 Dewar, George, Strerford, Manchester, England, assignor to General Electric Company. Electric circuit breaker. 2,134,549; Oct. 25.  
 Dewar, Robert, and W. T. Sanford, Hoosick Falls, N. Y. Insulating cover. 2,131,937; Oct. 4.  
 Dewas, Raymond, Amiens, France. Weft feeder for weaving looms. 2,116,620; May 10.  
 Dewas, Raymond, Amiens, France. Needle of weaving loom. 2,119,573; June 7.  
 Dewas, Raymond, Amiens, France. Needle weaving loom. 2,125,894; Aug. 9.  
 Dewberry, Ralph, Birmingham, Ala. Type intaglio engraving plates and their production. 2,112,416; Mar. 29.  
 De Weal, Andre, New York, N. Y. Dental film holder. 2,127,502; Aug. 23.  
 De Wees, Russell J., Dallas, Tex. Anchoring structural elements to concrete supporting bodies. 2,108,107; Feb. 15.  
 De Wees, Russell J., Dallas, Tex. Safety tread and forming the same. 2,113,462; Apr. 5.  
 De Wein, George F. (See Newhouse, R. C., and De Wein.)  
 Dewey and Almy Chemical Company. (See Amon, Fred H., assignor.)  
 Dewey and Almy Chemical Company. (See Kennedy, H. L., and Mark, assignors.)  
 Dewey and Almy Chemical Company. (See Mark, Jacob G., assignor.)  
 Dewey and Almy Chemical Company. (See McGowan, W. I., and Puschin, assignors.)  
 Dewey and Almy Chemical Company. (See Tator, Kenneth, assignor.)  
 Dewey and Almy Chemical Company. (See Tucker, George R., assignor.)  
 Dewey, James M., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Press operating mechanism. 2,116,143; May 3.  
 Dewey, John J. (See Douglas, G. W., and Dewey.)  
 Dewhurst, Harry, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Paving unit. 2,126,948; Aug. 16.  
 Dewitt, Jeffery, Insulator Company. (See McLachlan, Alexander, assignor.)  
 De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,106,497; Jan. 25.  
 De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,108,657; Feb. 15.  
 De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Box. 2,113,683; Apr. 12.  
 De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Box. 2,125,856; Aug. 2.  
 De Witt, William M., South Bend, Ind. Ice cube releasing means. 2,115,944; May 3.  
 De Witt, William P., Auburndale, Mass. Pencil. 2,129,655; Sept. 13.  
 De Woolf, Louis, Brooklyn, N. Y. Boot tree. 2,114,677; Apr. 19.  
 Dews, Joseph W., Waterbury, Conn., assignor to Scovill Manufacturing Company. Laundryproof resilient socket. 2,129,825; Sept. 13.  
 Dewsbury, Wilfred G., and A. Davies, London, England. Treatment of improved materials containing collagen. 2,105,413; Jan. 11.  
 Dewsbury, Wilfred G., London, and A. Davies, West Norwood, London, England. Compositions containing collagen products and applications thereof. 2,115,484; Apr. 26.  
 Dexdale Hosiery Mills. (See Berger, Emil J., assignor.)  
 Dexdale Hosiery Mills. (See Connelly, Gerald L., assignor.)  
 Dexter Folder Company. (See Goodwin, Edwin W., assignor.)  
 Dexter Folder Company. (See Hitchcock, Reuben, assignor.)  
 Dexter Folder Company. (See McElroy, J. H., Yeo, and Binder, assignors.)  
 Dextora Company. (See McDougall, Shirley A., assignor.)  
 Dey, George E., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Door handle rose plate construction. 2,141,265; Dec. 27.



- Dey, Neil A., assignor to Dominion Cutout Co. Limited, Toronto, Ontario, Canada. Cut-out. 2,134,075; Oct. 25.
- Dezendorf, Edwin M., Austin, Tex. Changing the color of natural stone. 2,106,317; Jan. 25.
- Diamant-Eerde, Hans. (See Fournes, E., and Diamant-Eerde.)
- Diamond Alkali Company. (See Bates, W. C., and McClure, assignors.)
- Diamond Alkali Company. (See Elledge, H. G., and Hirsch, assignors.)
- Diamond Alkali Company. (See McDaniel, George R., assignor.)
- Diamond, Grant S., Hamburg, assignor to Electro Refractories & Alloys Corporation, Buffalo, N. Y. Kiln furniture. 2,118,641; May 24.
- Diamond, Harry, Cedarhurst, N. Y. Elastic seam for garments. 2,141,239; Dec. 27.
- Diamond, Harry, Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce. Radio transmitting and receiving system. 2,121,024; June 21.
- Diamond, Harry, and F. W. Dunmore, Washington, D. C., assignors to the Government of the United States, represented by the Secretary of Commerce. Automatic volume control for radio receiving apparatus. 2,110,761; Mar. 8.
- Diamond, Harry, and F. W. Dunmore, Washington, D. C., assignors to the Government of the United States as represented by the Secretary of Commerce. Radio guidance of aircraft. 2,120,241; June 14.
- Diamond, Hymen. (See Lowry, E. F., and Diamond.)
- Diamond Iron Works, Incorporated. (See Corser, John, assignor.)
- Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Belt and tape cutting machine. 2,117,153; May 10.
- Diamond Match Company, The. (See Brown, H., and Nicodemus, assignors.)
- Diamond Match Company, The. (See Nolan, John R., assignor.)
- Diamond Match Company, The. (See Parker, Lucian E., assignor.)
- Diamond Match Company, The. (See Wright, Charles F., assignor.)
- Diamond Match Company, The. (See Zomnir, Joseph E., assignor.)
- Diamond Paper and Box Co. (See Stopper, Charles A., assignor.)
- Diamond, Paul S., assignor to Motor Research Corporation, Detroit, Mich. Piston mold mechanism. 2,139,734; Dec. 13.
- Diamond Power Specialty Corporation. (See Blackburn, Charles L., assignor.)
- Diamond Power Specialty Corporation. (See Howse, C. L., and Bowers, assignors.)
- Diamond Power Specialty Corporation. (See Howse, C. L., and Brelsford, assignors.)
- Diamond Power Specialty Corporation. (See Howse, C. L., Brelsford, Cox, and Thomas, assignors.)
- Diamond Power Specialty Corporation. (See Iden, Charles E., assignor.)
- Diamond Power Specialty Corporation. (See Snow, N. L., Thomas, Brelsford, House, and Bowers, assignors.)
- Diamond Power Specialty Corporation. (See Thomas, W. P., Bowers, and Cox, assignors.)
- Di Antoni, Sante. (See Conforti, Samuel S., assignor.)
- Dibner, Abraham B., Peekskill, N. Y., assignor to Burndy Engineering Company Inc. Service connector. 2,137,834; Nov. 22.
- Dibner, Bern, Peekskill, N. Y., assignor to Burndy Engineering Co. Inc. Cable connector. 2,118,666; May 24.
- Dichter, Jakob, Berlin-Schöneberg, Germany. Apparatus for forming screw-threaded necks. 2,107,979; Feb. 8.
- Dichter, Jakob, Berlin-Schöneberg, Germany. Automatic machine for manufacturing ampullae from glass tubes. 2,110,327; Mar. 8.
- Dichter, Jakob, Schöneberg, Berlin, Germany. Fitting caps to tubular containers. 2,119,271; May 31.
- Dichter, Jakob, Berlin-Schöneberg, Germany. Method and machine for fitting closures on containers. 2,135,390; Nov. 1.
- Dick, A. B., Company. (See Pollard, Walter, assignor.)
- Dick, A. B., Company. (See Schutte, August E., assignor.)
- Dick, Burns. (See Stroup, F. H., Dick, and Flies.)
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Trailer or truck braking mechanism. 2,105,880; Jan. 18.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Liquid pressure mechanism. 2,106,592; Jan. 25.
- Dick, Delbert A., Portland, Oreg. Meat suspending device. 2,115,196; Apr. 26.
- Dick, Herman E., Chicago, Ill. Valve handle. 2,134,812; Nov. 1.
- Dick, Herman J., and R. E. Fleming, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,790; Sept. 20.
- Dick, James W., High River, Alberta, Canada. Garment suspender. 2,105,908; Jan. 18.
- Dick, James W., Calgary, Alberta, Canada. Suspender connection. 2,105,909; Jan. 18.
- Dick, William R., New York, N. Y. Toilet ventilator. 2,119,529; June 7.
- Dickason, Morris. (See Brunk, H. J., and Dickason.)
- Dicke, Allen A., Montclair, N. J., assignor to Remington Arms Company, Inc. Manufacture of rifled tubes. 2,104,319; Jan. 4.
- Dicke, Allen A., Montclair, N. J., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,105,640; Jan. 18.
- Dicke, Oscar H., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic control system. 2,129,168; Sept. 6.
- Dickens, Richard G., Elmira Heights, assignor to The Hilliard Corporation, Elmira, N. Y. Clutch. 2,140,737; Dec. 20.
- Dickenson, Ernest H., New York, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Drill cleansing device. 2,124,609; July 26.
- Dickenson, Ernest H., New York, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Implement retainer. 2,138,342; Nov. 29.
- Dickerman, Louis A., Hackettstown, N. J., assignor to Hercules Powder Company, Wilmington, Del. Smokeless powder and producing. 2,120,324; June 14.
- Dickerson, Arthur, Salt Lake City, Utah. Jack. 2,121,861; June 28.
- Dickerson, Dorman B., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever. 2,141,266; Dec. 27.
- Dickerson, James H., New Philadelphia, Ohio. Method of and apparatus for separating composite material. 2,128,918; Sept. 6.
- Dickerson, Rawson P., East Orange, N. J. Booklet calendar. 2,128,989; Sept. 6.
- Dickerson, Walker T., Company, The. (See Gordon, Hiram, assignor.)
- Dickey, Charles T. (See Hill, Charles L., assignor.)
- Dickey, Clyde, Mount Vernon, Ill. Front wheel mounting for automobiles. 2,111,111; Mar. 15.
- Dickey, Edward A., Aliquippa, Pa. Hydraulic brake. 2,107,564; Feb. 8.
- Dickey, Edward A., Aliquippa, Pa. Brake system for motor vehicles. 2,116,882; May 10.
- Dickey, Frank F., and H. S. Cole, Jr., Los Angeles, Calif., assignors to A. O. Smith Corporation, Milwaukee, Wis. Setting well casing. 2,116,236; May 3.
- Dickey, Joseph B. (See McNally, J. G., and Dickey.)
- Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose derivatives. 2,113,293; Apr. 5.
- Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring there-with. 2,140,987; Dec. 20.
- Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process and compositions therefor. 2,126,314; Aug. 9.
- Dickey, Margaret, Portland, Oreg. Adjustable garment sizer and stretcher. 2,108,308; Feb. 15.
- Dickey, Paul S., Cleveland, Ohio, assignor to Bailey Meter Company. Measuring and controlling systems. 2,141,082; Dec. 20.
- Dickey, Randal F., et al. (See Nielsen, Adolph E., assignor.)
- Dickey, Roy N., Seattle, Wash. Detachable pouring spout. 2,117,408; May 17.
- Dickey, W. S., Clay Manufacturing Company. (See Dauwalter, Raymond R., assignor.)
- Dickhauser, Ewald. (See Voss, A., Dickhauser, Starck, and Jochum.)
- Dickhoff, Robert, New York, N. Y. Safety headgear. 2,105,028; Jan. 11.
- Dickie, William A., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of artificial filaments. 2,112,236; Mar. 29.
- Dickie, William A., and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile apparatus. 2,105,474; Jan. 18.
- Dickie, William A., and F. C. Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,108,108; Feb. 15.
- Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production and treatment of artificial filaments, yarns, films, and other materials containing cellulose derivatives. 2,123,934; July 19.
- Dickie, William A., F. C. Hale, and W. Howarth, Spondon, near Derby, England, assignors to Celanese Corporation of America. Automatic weft-replenishing loom. 2,129,991; Sept. 13.
- Dickie, William A., and F. C. Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America. Thread tensioning device for circular loom shuttles. 2,132,462; Oct. 11.
- Dickie, William A., and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile thread and fabric. 2,133,435; Oct. 18.
- Dickleson, Alton C., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in signalling systems. 2,115,140; Apr. 26.
- Dickleson, Alton C., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Secret transmission. 2,132,205; Oct. 4.
- Dickinson, Arthur H. (See Daly, G. F., and Dickinson.)
- Dickinson, Charles H. (See Timson, Ernest A., assignor.)



- Dickinson, Christmas O., Los Angeles, Calif., assignor to Acme Chemical Company, Milwaukee, Wis. Mop cleaner. 2,121,426; June 21.
- Dickinson, Edgar D. (See Ericson, F. R., and Dickinson.)
- Dickinson, Fairleigh S., and E. R. Lawshe, assignors to Becton, Dickinson & Co., Rutherford, N. J. Needle carriage for hypodermic needles. 2,135,279; Nov. 1.
- Dickinson, Henry R., Grand Rapids, Mich. Treating lubricating oil. 2,116,144; May 3.
- Dickinson, Henry R., Grand Rapids, Mich. Recovering ozocerite. 2,136,280; Nov. 8.
- Dickinson, Henry R., Grand Rapids, Mich. Apparatus for recovering ozocerite. 2,136,281; Nov. 8.
- Dickinson, Henry R., Grand Rapids, Mich. Treating waxes. 2,136,282; Nov. 8.
- Dickinson, Henry R., Grand Rapids, Mich., and H. H. Moreton, Santa Monica, Calif. Making soap. 2,136,283; Nov. 8.
- Dickinson, James P., Memphis, Tenn. Process of and apparatus for extracting cottonseed oil. 2,126,539; Aug. 9.
- Dickinson, Paul, Inc. (See Filkins, Arthur J., assignor.)
- Dickinson, Robert C. (See Lingal, H. J., and Dickinson.)
- Dickinson, Robert C., and W. M. Leeds, Wilkensburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,137,873; Nov. 22.
- Dickinson, Theodore M. (See Lord, H. W., and Dickinson.)
- Dicks, Beauford H., Athelstane, Wis. Fountain pen. 2,126,540; Aug. 9.
- Dicks, Thomas A., Pittsburgh, Pa. Propeller. 2,124,548; July 26.
- Dicks, Thomas A., Pittsburgh, Pa. Propeller blade. 2,124,549; July 26.
- Dickson, Frank H., Auburn, N. Y. Practice apparatus. 2,134,328; Oct. 25.
- Dickson, John B., Northampton, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Racket. Re. 20,684; Apr. 5.
- Dickson, John B., Huntington Woods, and A. R. C. Hatch, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Reflector. 2,115,906; May 3.
- Dictaphone Corporation. (See Beard, T. H., Renholdt, and Merritt, assignors.)
- Dictaphone Corporation. (See Norton, Leland D., assignor.)
- Dictaphone Corporation. (See Norton, L. D., and Frykman, assignors.)
- Dictaphone Corporation. (See Renholdt, John E., assignor.)
- Dictograph Products Company. (See Sears, Sterling G., assignor.)
- Di Domenico, Anthony, Forest Hills, and D. Di Domenico, Brooklyn, N. Y. Box. 2,115,417; Apr. 26.
- Di Domenico, Anthony, Forest Hills, Long Island, and D. Di Domenico, Brooklyn, N. Y. Container top. 2,132,206; Oct. 4.
- Di Domenico, Dominick. (See Di Domenico, Anthony, and D.)
- Diebold, Anton, New York, N. Y. Apparatus for cleaning pipes. 2,128,124; Aug. 23.
- Diebold Safe & Lock Co. (See Miller, W. C., and Abbott, assignors.)
- Dieckmann, Charles W., Chicago, Ill. Meat cutter. 2,131,429; Sept. 27.
- Diedrich, Günther, Stettin, Germany, assignor to General Electric Company, Elastic fluid generator arrangement. 2,122,280; June 28.
- Diedrich, Paul. (See Dohrn, M., and Diedrich.)
- Diedrich, Paul, Finkenkrug, assignor to Shering-Kahlbaum A. G., Berlin, Germany. Hydroxy-ethoxy derivatives of 2-phenyl-quinoline-4-carboxylic acid and making same. 2,138,628; Nov. 29.
- Diefenbach, Ernst. (See Kränzlein, G., Diefenbach, and Eggert.)
- Diefenbach, Ernst. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)
- Diehl Corporation. (See Klimek, Gustav A., assignor.)
- Diehl, Walter S., U. S. Navy. Automatic cut-off valve. 2,120,242; June 14.
- Diehl, William L. (See Cook, N. E., Knopf, and Diehl.)
- Diels, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electronic device. 2,128,639; Aug. 30.
- Diemer, Joseph A., New York, N. Y. Dispensing device. 2,141,684; Dec. 27.
- Diener, John A. (See Ringwald, Clarence, assignor.)
- Dier, Paul C., Milwaukee, Wis. Protection enclosure. 2,139,579; Dec. 6.
- Dies, Charles A., Chicago, Ill. Door lock. 2,119,456; May 31.
- Diesbach, Fritz G., assignor to P. Benninghofen and F. G. Diesbach, trustees, Hamilton, Ohio. Autographic register. 2,110,828; Mar. 8.
- Diesbach, Fritz G., et al., trustees. (See Waechter, Harry J., assignor.)
- Diescher, Samuel E., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Guide disk. 2,118,970; May 31.
- Diescher Tube Mills, Inc. (See Diescher, Samuel E., assignor.)
- Diessernd, Helge C., Montclair, N. J., assignor to The National Register Company, Dayton, Ohio. Change making attachment for cash registers. 2,127,642; Aug. 23.
- Dieterle, Walter, Dessau-Ziebigk in Anhalt, and K. Horst, Hofheim/Taunus, Germany, assignors to Agfa Anso Corporation, Binghamton, N. Y. Polymethine dyes. 2,104,855; Jan. 11.
- Dieterle, Walter, Dessau-Ziebigk, and W. Zeh, Dessau, Germany, assignors to Agfa Anso Corporation, Binghamton, N. Y. Substituted hepta- and pentamethine cyanines. 2,131,853; Oct. 4.
- Dietert, Harry W. (See Carney, George C., assignor.)
- Dietert, Harry W., Detroit, Mich. Hardness testing instrument. 2,130,269; Sept. 13.
- Dietle, Thomas S., Pawhuska, Okla. Collapsible derrick. 2,114,215; Apr. 12.
- Dietmann, Paul W., Jonkoping, assignor to Aktiebolaget Siefert & Fornander, Kalmar, Sweden. Pull match packet. 2,124,815; July 26.
- Dietmann, Paul W., Jonkoping, assignor to Aktiebolaget Siefert & Fornander, Kalmar, Sweden. Method of and machine for manufacturing boxes. 2,125,430; Aug. 2.
- Dietrich, Arthur B., East Moline, assignor to Deere & Company, Moline, Ill. Corn sheller. 2,120,641; June 14.
- Dietrich, Henry J., Banning, Calif. Woodworking machine. 2,109,061; Feb. 22.
- Dietrich, Melvin A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating oil and improving same. 2,104,796; Jan. 11.
- Dietrich, Melvin A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating oil. 2,132,847; Oct. 11.
- Dietrich, Neff T., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,113,399; Apr. 5.
- Dietrich, Neff T., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,113,399; Apr. 5.
- Dietrich, Otto, assignor to Maybach-Motorrenbau G. m. b. H., Friedrichshafen, Germany. Instrument for measuring elongation. 2,119,076; May 31.
- Dietrich, Paul, Los Angeles, Calif. Razor blade holder. 2,119,045; May 31.
- Dietrich, Paul, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Pressure adjusting device. 2,138,142; Nov. 29.
- Dietrich, Theodore, and O. Borel, assignors, by mesne assignments to Sodeco Société de Compteurs de Geneve, Geneva, Switzerland. Telephone mechanism. 2,141,785; Dec. 27.
- Dietrich, Werner, assignor to Roberts and Schaefer Company, Chicago, Ill. Coaling gate for locomotives. 2,107,781; Feb. 8.
- Dietz, Alvin F., Shamokin, Pa. Accelerating blasting plug. 2,112,906; Apr. 5.
- Dietz, R. E., Company. (See Currie, Robert A., assignor.)
- Dietz, Robert H. (See Godchaux, L. G., Dietz, and McElroy.)
- Dietz, William C. F., Cincinnati, Ohio, assignor of one-half to W. K. Voss, Davenport, Iowa. Safety device for clothes wringers. 2,134,779; Nov. 1.
- Dietze, Eginhard, Westfield, and J. W. Foley, Englewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical coil. 2,120,973; June 21.
- Dietze, Emil, Richmond Hill, assignor to American Casting & Manufacturing Corporation, Brooklyn, N. Y. Hasp seal. 2,105,524; Jan. 18.
- Dietzgen, Eugene, Company. (See Langsner, Adolph, assignor.)
- Dietzgen, Eugene, Company. (See Leuch, Werner P., assignor.)
- Dietzler, Andrew J. (See Perkins, R. P., and Dietzler.)
- Diez, Angel M., Mexico, D. F., Mexico. Headlight. 2,136,285; Nov. 8.
- Diez, Angel M., Mexico, D. F., Mexico. Headlight structure. 2,136,286; Nov. 8.
- Diez, Angel M., and T. N. May, Mexico, D. F., Mexico. Shifting mechanism. 2,110,038; Mar. 1.
- Diez, Angel M., and T. N. May, Mexico, D. F., Mexico. Electrically operated shifting mechanism. 2,136,284; Nov. 8.
- Diffuser Corporation. (See Faiver, Amiel L., assignor.)
- Dinglia, Sam, Kankakee, Ill. Track aligning tool. 2,134,813; Nov. 1.
- Diggins, Bartholomew A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmoscope. 2,135,801; Nov. 8.
- Diggs, Sterling H. (See Buchler, C. C., and Diggs.)
- Di Giacomo, Aniello. (See Danziger, H. I., and Di Giacomo.)
- Di Giacomo, Aniello, New York, N. Y., assignor to Condenser Corporation of America, Jersey City, N. J. Electrical condenser and spacing strip therefor. 2,104,797; Jan. 11.
- Di Giovanni, Onofrio P., Brooklyn, N. Y. Coupling for hydraulic brakes. 2,112,146; Mar. 22.
- Dike, Theodore W., assignor to I. F. Laucks, Inc., Seattle, Wash. Dry powdered phenol resin. 2,120,549; June 14.
- Dilg, Walter C. (See Munro, G. R., and Dilg.)
- Dill Manufacturing Company, The. (See Becker, George W., assignor.)



- Dill Manufacturing Company, The. (See Crowley, John C., assignor.)
- Dill Manufacturing Company, The. (See Ellis, Tharon J., assignor.)
- Dillard, James L., Carlsbad, N. Mex. Amusement device. 2,111,179; Mar. 15.
- Dillenback, Garrett V. V., Jr. (See Cooley, A. G., and Dillenback.)
- Diller, Alvin L., and F. F. Olson, Belmont, assignors to Hood Rubber Company, Inc., Watertown, Mass. Applying coatings to parts of rubber articles. 2,133,346; Oct. 18.
- Dillhoefer, Henry M., Cleveland Heights, Ohio. Container. 2,133,852; Oct. 18.
- Dillman, Earnest J. (See Eggleston, L. W., and Dillman.)
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,114,959; Apr. 19.
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Heating system and control means therefor. 2,118,759; May 24.
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Nozzle. 2,123,826; July 12.
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Heating apparatus and control means therefor. 2,139,615; Dec. 6.
- Dillon, Hugh J., Highland Park, Mich. Vehicle. 2,141,267; Dec. 27.
- Dillon, James P., assignor of one-third to H. Fuller, New York, N. Y. Windshield heater for vehicles. 2,125,154; July 26.
- Dillon, Jesse L. Indianapolis, Ind. Ashtray. 2,121,122; June 21.
- Dillon, John H., Akron, and N. Johnston, Cuyahoga Falls, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Testing plasticity. 2,112,190; Mar. 22.
- Dillon, Lyle, assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,109,350; Feb. 22.
- Dillon, Lyle, assignor to Union Oil Company of California, Los Angeles, Calif. High frequency induction dehydrator. 2,120,932; June 14.
- Dillon, Paul W. (See Waltman, A. H., and Dillon.)
- Dillon, Thomas F., Phoenix, Ariz. Hanger for trousers and the like. 2,118,342; May 24.
- Dilts, Fred, Lyons, Kans. Tire inflation and deflation detector. 2,112,483; Mar. 29.
- Dilts, Noah L., Hammond, Ind. Portable wardrobe. 2,140,418; Dec. 13.
- Di Meglio, James J. (See Battista, J. J., and Di Meglio.)
- Dimick, Daniel B., Newton, Mass. Lock-joint subdrainage pipe. 2,135,103; Nov. 1.
- Dimick, Daniel B., Newton Center, assignor to Dimick-Mosher Products Company, Boston, Mass. Subdrainage pipe. Re. 20,736; May 24.
- Dimick-Mosher Products Company. (See Dimick, Daniel B., assignor.)
- Dimitman, Grace V., et al. (See Adams, Elwood J., assignor.)
- Dimmick, Bles C., assignor to Keystone Steel & Wire Company, Peoria, Ill. Die holder and guide. 2,109,312; Feb. 22.
- Dimmick, Glenn L., Audubon, N. J., assignor to Radio Corporation of America. Recording of sound. 2,109,452; Mar. 1.
- Dimmick, Glenn L., Audubon, N. J., assignor to Radio Corporation of America. Sound reproducing apparatus. 2,109,453; Mar. 1.
- Dimmick, Glenn L., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound recording and reproducing apparatus. 2,113,400; Apr. 5.
- Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Sound record printing. 2,131,501; Sept. 27.
- Dimond, Thomas L., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical counting system. 2,114,016; Apr. 12.
- Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selection controlling apparatus for telephone systems. 2,126,875; Aug. 16.
- Dinco, Mario, Melvindale E. Komjathy, Detroit, and C. S. Komjathy, Inkster, Mich. Pneumatic window operating device. 2,131,618; Sept. 27.
- Dine, Norman. (See Horwitt, N. G., and Dine.)
- Dinesen, Laurits, Minneapolis, Minn. Fire hose nozzle. 2,133,436; Oct. 18.
- Dinetz, Adolph M., Detroit, Mich. Combination tumbler and washer. 2,116,753; May 10.
- Dingwerth, William H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Assembling flat plates to shafts. 2,127,969; Aug. 23.
- Dinhofer, Julius, New York, N. Y. Watchcase. 2,107,170; Feb. 1.
- Dinhofer, Julius, New York, N. Y. Wrist band attaching means for wrist watches. 2,129,494; Sept. 6.
- Dinton, Nathan, assignor to Magnetic Windings Company, Easton, Pa. Magnetic coil structure. 2,125,431; Aug. 2.
- Dinkel, Andrew J., Clyde, N. Y. Cabinet. 2,136,843; Nov. 15.
- Dinkel, Andrew J., Yuma, assignor of one-half to O. W. Fleury, Los Angeles, Calif. Returnable toy ball. 2,137,272; Nov. 22.
- Dinkins, Delbert R., East Bend, assignor of one-half to Briggs-Shaffner Company, Winston-Salem, N. C. Tobacco looping machine. 2,131,656; Sept. 27.
- Dinkins, Thomas, Ridgefield Park, N. J. Automobile tire handling device. 2,135,802; Nov. 8.
- Dinkluge, Ralph, New York, N. Y. Colored cellulose azo compounds and their method of production. 2,136,377; Nov. 15.
- Dinley, Clarence F., Detroit, Mich., assignor to James H. Bell, Philadelphia, Pa. Apparatus for treating things with volatile solvents. 2,107,369; Feb. 8.
- Dinley, Clarence F., assignor, by mesne assignments, to Solvent Machine Company, trustee, Detroit, Mich. Treatment of work with solvents. 2,113,129; Apr. 5.
- Dinley, Clarence F., assignor, by mesne assignments, to Solvent Machine Company, trustee, Detroit, Mich. Apparatus for treatment with solvents. 2,116,862; May 10.
- Dinley, Clarence F., assignor, by mesne assignments, to Solvent Machine Company, trustee, Detroit, Mich. Spray and jet nozzle. 2,116,863; May 10.
- Dinley, Clarence F., assignor, by mesne assignments, to Solvent Machine Company, Detroit, Mich., trustee. Degreasing apparatus. 2,137,479; Nov. 22.
- Dinnerville, Walter, assignor to Western Railroad Supply Company, Chicago, Ill. Apparatus for controlling a waving crossing signal. 2,106,594; Jan. 25.
- Dintilhac, Jean G., Paris, France. Fire protecting device for air cooled engines. 2,129,826; Sept. 13.
- Dinwiddie, Joseph G., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and apparatus for drying. 2,139,445; Dec. 6.
- Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Rubber shear. 2,105,215; Jan. 11.
- Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Briquetting machine. 2,110,972; Mar. 15.
- Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Constant leakage system for hydraulic apparatus. 2,117,303; May 17.
- Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Rubber bale cutter. 2,131,345; Sept. 27.
- Dinzl, Richard W., Narberth, Pa., assignor, by mesne assignments, to Baldwin-Southwark Corporation. Hydraulic transmission. 2,134,707; Nov. 1.
- Dion, Arthur N., Attleboro, Mass. Door holder. 2,140,002; Dec. 13.
- Dion, Isaie, Fall River, Mass. Expansion joint for rails. 2,104,856; Jan. 11.
- Dippel, Cornelis J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Carrier for mechanically-recorded records and making the same. 2,113,784; Apr. 12.
- Dirker, William S., Portland, Oreg., assignor to American Can Company, New York, N. Y. Container. 2,108,045; Feb. 15.
- Dirkes, Robert F. (See Kimball, V. R., and Dirkes.)
- Dirkes, Robert F. (See Kimball, V. R., Dirkes, and Wheeler.)
- Dirkes, Robert F. (See Wheeler, E. R., Kimball, and Dirkes.)
- Dirkes, Robert F., Jamaica, assignor to The Western Union Telegraph Company, New York, N. Y. Electric selector mechanism. 2,134,708; Nov. 1.
- Dirkes, Robert F., Jamaica, N. Y., and J. N. Anderson, Jr., North Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph transmitting system. 2,109,989; Mar. 1.
- Dirkes, Robert F., Jamaica, N. Y., E. R. Wheeler, Plainfield, and V. R. Kimball, Palisade Park, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph printer. 2,117,241; May 10.
- Dirkes, Robert F., Jamaica, and V. R. Kimball, Palisade Park, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph switching system. 2,122,367; June 28.
- Dirkes, Robert F., Jamaica, N. Y., and G. I. Roberts, Cresskill, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph transmitter. 2,135,377; Nov. 1.
- Dirscherl, Wilhelm, Heidelberg, Germany, assignor to Rare Chemicals, Inc., Nepara Park, N. Y. Sexual hormone compositions and producing same. 2,125,772; Aug. 2.
- Di Ruscio, Guy, et al. (See Fortuna, Frank, assignor.)
- Disco, Joseph, Santa Ana, Calif. Abrading reamer. 2,135,884; Nov. 8.
- Disce Engineering & Manufacturing Company. (See Ice, James N., assignor.)
- Disnukes, James S., Nacogdoches, Tex. Windshield cleaning apparatus. 2,114,558; Apr. 19.
- Di Spalatro, Louis. (See Label, H., and Di Spalatro.)
- Dispenza, Roselein G., Ashtabula, Ohio. Goggles. 2,130,270; Sept. 13.
- Dixson, Henry, & Sons, Incorporated. (See Charlton, Richard C., assignor.)
- Distillers Company Limited, The. (See Dawson, Edward R., assignor.)
- Distillation Products, Inc. (See Embree, Norris D., assignor.)
- Distillation Products, Inc. (See Hickman, Kenneth C. D., assignor.)



- Ditcham, William T., Chelmsford, England, assignor to Radio Corporation of America. Modulated wave transmitter. 2,114,336; Apr. 19.
- Ditcham, William T., Chelmsford, England, assignor to Radio Corporation of America. Modulated carrier wave transmitter. 2,118,172; May 24.
- Ditcham, William T., London, England, assignor to Radio Corporation of America. Transmitter. 2,120,800; June 14.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. House car construction. 2,108,309; Feb. 15.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway car construction. 2,125,047; July 26.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway container. 2,126,949; Aug. 16.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Material transporting means. 2,126,950; Aug. 16.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Freight container. 2,127,810; Aug. 23.
- Ditman, Oscar. (See Price, L. L., and Ditmanson.)
- Dittman, Martin J., et al. (See Russell, Thomas F., assignor.)
- Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersing agent. 2,120,933; June 14.
- Dittmar, Theodore F., Baltimore, Md. Direct top strata-liquid heater. 2,113,577; Apr. 12.
- Dittmer, Arthur F., assignor to trustees of Dartmouth College, Hanover, N. H. Iseikonic spectacles and their manufacture. 2,118,173; May 24.
- Dittmer, Arthur F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Contact lens. 2,133,498; Oct. 18.
- Dittmeyer, Herbert W., Cranston, R. I., assignor to United Wire and Supply Corporation. Seal for tubes. 2,118,073; May 24.
- Ditto, Incorporated. (See Brower, Paul V., assignor.)
- Ditto, Incorporated. (See Haskell, R. R., and Morton, assignors.)
- Ditto, Incorporated. (See Hernlund, John W., assignor.)
- Ditto, Incorporated. (See Kirkpatrick, Robert J., assignor.)
- Ditto, Incorporated. (See Kokay, Stephen, assignor.)
- Ditto, Incorporated. (See Marchev, A., and Jagger, assignors.)
- Ditto, Incorporated. (See Marchev, A., and Leach, assignors.)
- Ditto, Incorporated. (See Morrison, Robert F., assignor.)
- Divel, Roy R., San Clemente, Calif. Closer for the lips of a corpse. 2,120,143; June 7.
- Diwoy, Fred F. (See Brown, A. B., and Diwoy.)
- Dixie-Vortex Company. (See Barbieri, Cesare, assignor.)
- Dixie Vortex Company. (See Bares, Rudolph, assignor.)
- Dixie-Vortex Company. (See Carew, Herman, assignor.)
- Dixie-Vortex Company. (See Penner, Robert C., assignor.)
- Dixie-Vortex Company. (See Krein, Frederick T., assignor.)
- Dixie-Vortex Company. (See Krein, F. T., and Alfreds, assignors.)
- Dixie Wax Paper Company. (See Bryce, William H., assignor.)
- Dixie Wax Paper Company. (See Moore, Stuart, assignor.)
- Dixon, Alfred E., Providence, R. I., assignor to Ostby and Barton Company. Finger ring. 2,137,835; Nov. 22.
- Dixon, Daniel L., Somerville, Mass. Cable protector for battery terminals. 2,136,005; Nov. 8.
- Dixon, Fate, assignor to one-half to S. A. Poole, Durham, N. C. Machine for grinding drill bits. 2,139,938; Dec. 13.
- Dixon, Frederick W., Reigate, England. Chassis for motor driven vehicles. 2,105,781; Jan. 18.
- Dixon, John T., New York, N. Y., assignor to American Telephone and Telegraph Company. Noise and cross-talk reduction in telephone communication circuits. 2,111,023; Mar. 15.
- Dixon, John T., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuit. 2,135,566; Nov. 8.
- Dixon, John T., New York, N. Y., and J. G. Kreer, Jr., Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distortion correction in wave transmission. 2,140,900; Dec. 20.
- Dixon, Joseph, Crucible Company. (See Shonnard, Orlando D., assignor.)
- Dixon, Paul H., Salem, Mass, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe. 2,116,621; May 10.
- Dixon, Paul H., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Inking edges of shoe parts. 2,120,325; June 14.
- Dixon, Reginald G. (See Patterson, W. G., and Dixon.)
- Dixon, Reginald G., Eltham Park, London, assignor to Siemens Brothers & Company Limited, London, England. Telephone system. 2,104,975; Jan. 11.
- Dixon, Robert, et al. (See Hey, E., and Hunsicker, assignors.)
- Dlesk, John, Berwyn, assignor to Imperial Brass Manufacturing Company, Chicago, Ill. Gas valve mechanism. 2,120,695; June 14.
- Doak, John H., Portland, Oreg. Manufacturing hollow rubber articles. 2,130,177; Sept. 13.
- Doane, Foster B. (See Betz, C. E., and Doane.)
- Doane, Foster B., assignor to Magnaflex Corporation, Pittsburgh, Pa. Demagnetizing. 2,118,174; May 24.
- Doane, Harry C. (See Grandy, L. R., and Doane.)
- Doane, Harry C., Flint, Mich., and F. H. Prescott and C. A. Michel, Anderson, Ind., assignors, by mesne assignments, to Kingston Products Corporation. Headlight bulb mounting. 2,110,130; Mar. 8.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Indirect lighting unit. 2,107,027; Feb. 1.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Direct lighting fixture. 2,107,028; Feb. 1.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Lighting fixture. 2,107,029; Feb. 1.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Indirect lighting fixture. 2,125,335; Aug. 2.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Hinge mechanism for lighting fixtures. 2,136,912; Nov. 15.
- Doane, Leroy C., Meriden, Conn., assignor to E. L. Canfield, Hillside, N. J. Luminair. 2,138,373; Nov. 29.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Lighting fixture screen. 2,139,005; Dec. 6.
- Doba, Stephen, Jr., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge tube circuits. 2,106,342; Jan. 25.
- Doba, Stephen, Jr., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuits. 2,118,175; May 24.
- Dobbie, Harry L., Cleveland, Ohio. Toy belt saddle. 2,122,606; July 5.
- Dobbie McInnes Limited. (See Reynolds, H. E., and Alexander, assignors.)
- Dobbins, Donald C., Champaign, Ill. Railway car wheel. 2,139,070; Dec. 6.
- Dobbins Manufacturing Company. (See Brandt, H. E., and Sorensen, assignors.)
- Dobbs, Oliver C., assignor to The Dobbs Truss Company, Incorporated, Birmingham, Ala. Truss for human rupture. 2,142,073; Dec. 27.
- Dobbs, Oliver C., Fayette, assignor to The Dobbs Truss Company, Incorporated, Birmingham, Ala. Truss for rupture. 2,142,074; Dec. 27.
- Dobbs Truss Company, The. (See Dobbs, Oliver C., assignor.)
- Dobeckmun Company, The. (See Prindle, Karl E., assignor.)
- Dobeckmun Company, The. (See Schmidt, David, assignor.)
- Dobke, Günther, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Making a vacuum-tight joint between solid bodies. 2,130,879; Sept. 20.
- Dobkin, William J., Jackson Heights, Long Island, assignor to M. B. Feinson, New York, N. Y. Lather dispenser. 2,139,735; Dec. 13.
- Doble, Ralph N., Hingham, Mass. Tea bag, coffee bag, and the like, and making the same. 2,118,551; May 24.
- Dobrick, August C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube cutter. 2,126,951; Aug. 16.
- Dobrick, August C., and R. A. Tank, assignors to The Imperial Brass Manufacturing Company, Chicago, Ill. Vacuum breaker. 2,131,430; Sept. 27.
- Dobroth, Albert C., Jr., Louisville, Ky. Multicolor printing. 2,117,546; May 17.
- Dobrowsky, Emmanuel, New York, N. Y. Refrigerator. 2,119,320; May 31.
- Dobson, Frank S., Lincoln, Nebr. Wheeled scraper. 2,139,261; Dec. 6.
- Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,107,370; Feb. 8.
- Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,126,315; Aug. 9.
- Dobson, William A., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,131,135; Sept. 27.
- Dobyne, John C. (See Dobyne, Stevenson A. and J. C.)
- Dobyne, Stevenson A. and J. C., St. Louis, Mo. Shoe sewing machine. 2,119,225; May 31.
- Dockham, Herbert A., Crockett, assignor to one-third to H. L. Groves, San Francisco, Calif. Refrigerator. 2,130,617; Sept. 20.
- Docking, Arthur, Sanderstead, England. Refractory brick or radiant for surface combustion burners. 2,122,132; June 28.
- Dockson, Charles H., and H. S. Davis, Detroit, Mich. Eye protection device. 2,139,811; Dec. 13.
- Doczekal, Rudolf, Vienna, Austria, assignor to N. V. Internationale Alfot-Maatschappij, Amsterdam, Netherlands. Heating thermal insulation. 2,110,660; Mar. 8.
- Dodd, Arthur F., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote indication apparatus. 2,141,060; Dec. 20.
- Dodd, Arthur E., and H. S. Young, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,113,642; Apr. 12.



- Dodd, Herbert, Broomhill, Glazebrook, near Manchester, England, assignor to Imperial Chemical Industries Limited. Fire resistant composition. 2,124,288; July 19.
- Dodd, Victor J., Kalannie, West Australia, Australia. Adjustable control lever. 2,108,745; Dec. 15.
- Dodds, Edwin M., Watford, England. Apparatus for indicating the variation of one quantity relatively to another quantity. 2,133,437; Oct. 18.
- Dodds, Nugent, Washington, D. C. Line justifier for type-writer. 2,118,343; May 24.
- Dodelin, Fred A., Glen Ridge, assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,118,593; May 24.
- Dodelin, Fred A., Glen Ridge, assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,129,465; Sept. 6.
- Dodenhoff, William D., Greenville, S. C. Picker for looms. 2,104,832; Jan. 11.
- Dodge, Adiel Y., South Bend, Ind. Variable speed transmission. Re. 20,846; Sept. 6.
- Dodge, Adiel Y., South Bend, Ind. One-way clutch. 2,113,722; Apr. 12.
- Dodge, Adiel Y., South Bend, Ind. Air conditioning system. 2,138,143; Nov. 29.
- Dodge, Adiel Y., South Bend, Ind. Air conditioning system. 2,141,855; Dec. 27.
- Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Power control mechanism. 2,111,281; Mar. 15.**
- Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch mechanism. 2,127,719; Aug. 23.
- Dodge, Adiel Y., South Bend, Ind., assignor to The Lubrication Corporation, Chicago, Ill. Machine for assembling packing on pistons and the like. 2,138,144; Nov. 29.
- Dodge, Adiel Y., and E. R. Koppel, South Bend, Ind.; said Koppel assignor to said Dodge. Transmission. 2,115,987; May 3.
- Dodge, Charles A. (See Spencer, P. L., and Dodge.)
- Dodge Chemical and Manufacturing Company. (See Tomsicek, W. J., Dodge, and Calva, assignors.)
- Dodge, Frank W., Hotchkiss, Colo. Gold recovering machine. 2,125,492; Aug. 2.
- Dodge, H. B., and Company. (See Nottingham, Edward B., assignor.)
- Dodge, H. B., and Company. (See Pratt, Raymond C., assignor.)
- Dodge, Harry B., assignor to The Four Wheel Drive Auto Company, Clintonville, Wis. Heavy duty vehicle construction. 2,121,862; June 28.
- Dodge, Henry M. (See Kranich, H. O., and Dodge.)
- Dodge, Howard M. (See Fenton, F., and Dodge.)
- Dodge, Howard M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Surgical drainage tube. 2,112,737; Mar. 29.
- Dodge, John D. (See Knott, Frank W., assignor.)
- Dodge, Lloyd L. (See Tomsicek, W. J., Dodge, and Calva.)
- Dodge Manufacturing Corporation. (See Carroll, Lee O., assignor.)
- Dodge Manufacturing Corporation. (See Kindig, Arnie J., assignor.)
- Dodge Manufacturing Corporation. (See Sollenberger, Reuel C., assignor.)
- Dodge Manufacturing Corporation. (See Sollenberger, R. C., and Carroll, assignors.)
- Dodge, Sherwood O., Medford, assignor to Guaranteed Parts, Inc., Allston, Mass. Shuttle. 2,104,153; Jan. 4.
- Dodge, Sherwood O., Medford, assignor to Guaranteed Parts, Inc., Allston, Mass. Electric feeler mechanism for looms. 2,117,304; May 17.
- Dodge, Wesley, Oakland, Calif., assignor of one-half to Paterson Pacific Parchment Co. Refrigerating lettuce and the like. 2,124,412; July 19.
- Dodge, William A., administrator. (See Sabbah, Camil A.)
- Dodge, William A., administrator. (See Sabbah, C. A., and Herskind.)
- Dodson, Edward, Streatham, London, England. Controlling variable pitch propeller. 2,115,485; Apr. 26.
- Dodson, Richard J., Chicago, Ill. Combined pocketknife and pencil or pen. 2,141,061; Dec. 20.
- Dodsworth, John S. (See Ferguson, Frank R., assignor.)
- Do, Hans H., Milwaukee, Wis. Roof structure and material. 2,134,034; Oct. 25.
- Doeg, Reuben G. (See Rasmussen, John A., assignor.)
- Doehler Die Casting Company. (See Bartholomew, Howard W., assignor.)
- Doehler Die Casting Company. (See Burgie, F. W., and Kaul, assignors.)
- Doell, Theodore W. (See Hampton, W. H., and Doell.)
- Doench, Clarence A., Dayton, Ohio. Supporting bracket. 2,137,645; Nov. 22.
- Doennecke, Henry W. (See Abbott, F. C., and Doennecke.)
- Doennecke, Henry W. (See Davis, S. H., Doennecke, and Doughlass, assignors.)
- Doepfel, Carl, St. Louis, Mo. Door lock safety device. 2,130,677; Nov. 15.
- Doering, Charles, Chicago, Ill. Outdoor advertising device. 2,125,994; Aug. 9.
- Doering, Charles, assignor of one-half to H. Doering, Chicago, Ill. Receptacle filling machine. 2,113,081; Apr. 5.**
- Doering, Charles, assignor of one-half to H. Doering, Chicago, Ill. Discharge device for chilling machines and the like. 2,123,596; July 12.
- Doering, Charles, assignor of one-half to H. Doering, Chicago, Ill. Chilling device for dairy products and the like. 2,141,462; Dec. 27.
- Doering, Charles and H., Chicago, Ill. Method of and apparatus for removing foreign matter from liquids. 2,106,630; Jan. 25.
- Doering, Charles and H., Chicago, Ill. Method of and apparatus for purifying dairy products. 2,132,099; Oct. 4.
- Doering, Henry. (See Doering, Charles, assignor.)
- Doering, Henry. (See Doering, Charles and H.)
- Doering, Ulrich. (See Spanner, H. J., and Doering.)
- Doerr, Eva E. (See Lawlor, Simeon C., assignor.)
- Doerr, Harry E., St. Louis, Mo. Wheel. 2,110,357; Mar. 8.
- Doerrich, Frederick F. (See Brunk, H. J., and Doerrich.)**
- Doerschlen, Edward, Webster Groves, Mo. Digger. 2,120,326; June 14.
- Doerseln, Paul, Paterson, N. J. Shuttle check. 2,117,793; May 17.
- Doffin, Henri G., Cholet, France. Recuperation of valuable metals from photographic baths. 2,110,930; Mar. 15.
- Dognin-Societe Anonyme. (See Isaac, Augustin, assignor.)
- Doherty, Edward T., assignor to Apex Railway Products Company, Chicago, Ill. Car card holder. 2,135,567; Nov. 8.
- Döhle, Hinrich, Berlin-Haselhorst, assignor to Telephon-Apparat Fabrik E. Zwietsch & Co., Berlin, Germany. Telephone metering system. 2,141,463; Dec. 27.
- Dohrn, Max. (See Schoeller, W., Dohrn, and Hohlweg.)
- Dohrn, Max, Berlin-Charlottenburg, and P. Diedrich, Finkenkrug (Osthavelland), assignors to Schering A. G., Berlin, Germany. 3,5-diiodo-4-hydroxy acylophenone compounds and producing the same. 2,116,104; May 3.
- Dohse, Hans, Heidelberg, and W. Huehn, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Iron-tanned leather. 2,122,133; June 28.
- Doidge, Robert W., Woodside, Long Island, N. Y. Ciphering machine. 2,125,995; Aug. 9.
- Doig, Don S., Glendale, Calif., assignor to Automobile Club of Southern California. Distance annunciator. 2,120,550; June 14.
- Doisy, Edward A., Webster Groves, and P. A. Katzman, St. Louis, assignors to President and Board of Trustees of St. Louis University, St. Louis, Mo. Obtaining hormone substance. 2,139,540; Dec. 6.
- Dokkum, Teunis, Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,122,519; July 5.
- Dolan & Bullock. (See Carlson, Oscar, assignor.)**
- Dolan & Bullock. (See Gaynor, Charles E., assignor.)
- Dolan, David J., Cleveland Heights, Ohio. Bubble producing and display means. 2,133,499; Oct. 18.
- Dolan, Harry, Weehawken, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Hat. 2,122,561; July 5.
- Dolan, Thomas F. (See Lester, N., and Becker, assignors.)
- Dolbear, Benjamin L., Belmont, Mass., assignor to Radio Corporation of America. Direction finder correcting loop. 2,137,273; Nov. 22.
- Dolby, Charles M., Lawrenceville, Ill. Valve. 2,105,282; Jan. 11.
- Dolce, Jerry P. (See Brown, L. S., and Dolce.)
- Dole, Harry L., Milford, Conn. Separable fastener. 2,123,935; July 19.
- Dole Valve Company, The. (See Lauer, Raymond J., assignor.)
- Dole Valve Company, The. (See Stanwich, Joseph F., assignor.)
- Dole Valve Company, The. (See Tweed, Frederick H., assignor.)
- Dolge, Frans A., Eskilstuna, Sweden. Flatiron holder. 2,139,809; Dec. 13.
- Dolgoft, Wladimir, Paris, France. Submersible motor. 2,124,610; July 26.
- Dolison, Dewey H., Mount Vernon, Ohio. Liquid cooler control. 2,136,813; Nov. 15.
- D'Olive, Charles R., assignor to Stewart-Warner Corporation, Chicago, Ill. Movable carrier for storage cabinets. 2,116,564; May 10.
- Doll Air-Stringer of America, Inc. (See Doll, Laurance C., assignor.)
- Doll, Anne M. L., administratrix. (See Schlumberger, Conrad.)
- Doll, John L., and C. W. Rogers, assignors to Syneco Devices, Incorporated, Detroit, Mich. Internal combustion engine. 2,138,027; Nov. 29.
- Doll, Laurance C., assignor to Doll Air-Stringer of America, Inc., Ithaca, N. Y. Racket stringing apparatus. 2,114,216; Apr. 12.
- Dollar, R. Stanley. (See De Rooson, George, assignor.)
- Dolley, Paul T., Bartlett, assignor to Pacific Alkali Company, Los Angeles, Calif. Production of borax. 2,105,109; Jan. 11.
- Dollinger, Lewis L., Rochester, N. Y. Mixing apparatus. 2,140,315; Dec. 13.
- Dollstedt, Carl, et al. (See Kushner, Frank, assignor.)
- Dolomite Marine Corporation. (See Odenbach, J. H., and Cattanauch, assignors.)



- Dolphi, James J., Cranston, and H. Hintze, West Warwick, R. I. Textile printing machine. 2,104,417; Jan. 4.
- Dolt, Margaret C. (See Dolt, Otto F., assignor.)
- Dolt, Otto F., assignor to M. C. Dolt, Louisville, Ky. Building construction. 2,122,339; June 28.
- Dolza, John. (See Gove, W. D., and Dolza.)
- Domagk, Gerhard, Wuppertal-Eilberfeld, Germany, assignor, by mesne assignments, to Alba Pharmaceutical Company, Inc., New York, N. Y. Preserving and disinfecting media. 2,108,765; Feb. 15.
- Domaleski, Joseph V., Irvington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical contact member. 2,120,396; June 14.
- Doman, Albert E., Syracuse, assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Ignition and starting system for automobiles. 2,131,026; Sept. 27.
- Doman, Carl T., Geddes, N. Y. Transmission unit for motor vehicles. 2,126,876; Aug. 16.
- Domber, Joseph, Bronx, assignor to Peerless Sample Card Co. Inc., New York, N. Y. Sample card. 2,107,730; Feb. 8.
- Dombrower, Ralph L. (See Moody, W. L., and Wagar, assignors.)
- Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Antenna and coupler system. 2,104,610; Jan. 4.
- Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. All-wave antenna and coupler system. 2,117,154; May 10.
- Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. High efficiency modulating and amplifying system. 2,138,653; Nov. 29.
- Domenach, Louis, Lyon, assignor to Compagnie Generale D'Electricite, Paris, France. Dielectric. 2,118,667; May 24.
- Domenico, Deiana, San Francisco, Calif. Wind motor. 2,115,486; Apr. 26.
- Domes, Edward A., assignor to F. J. Despecher, Omaha, Nebr. Oil burner. 2,112,618; Mar. 29.
- Domestic Air Conditioning Company. (See Kolstad, August M., assignor.)
- Dominiak, Joseph, Chicago, Ill. Circular saw vise. 2,130,076; Sept. 13.
- Dominion Cutout Co. Limited. (See Dey, Neil A., assignor.)
- Dominion Engineering Works Limited. (See Malkin, Bernard A., assignor.)
- Dominion Oxygen Company. (See Debor, Hermann, assignor.)
- Dominion Silk Mills Limited. (See Goodings, Alfred C., assignor.)
- Dominion Textile Company Limited. (See Kershaw, John G., assignor.)
- Dominion Truck Equipment Co. (See Gurton, W. S., Plint, and Nyberg, assignors.)
- Dommm, Elgin C., assignor to National-Standard Company, Niles, Mich. Hot-dipping metal coated objects. 2,120,737; June 14.
- Dommm, Elgin C., assignor to National-Standard Company, Niles, Mich. Rubber coated article. 2,120,738; June 14.
- Donahoo, David H. (See Beasley, A. H., and Donahoo.)
- Donahoo, Josie D., Los Angeles, Calif. Finger wave comb. 2,130,638; Sept. 20.
- Donahue, A. J., Corporation, The. (See Jacobs, Joseph, assignor.)
- Donahue, Patrick F. (See Goepel, A. H., and Donahue.)
- Donaldson, Alfred S., Newark, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Boudoir accessory. 2,120,834; June 14.
- Donaldson Company. (See Lowther, Wilfred W., assignor.)
- Donaldson, Dayul W. (See Kirby, Virgil C., assignor.)
- Donaldson, John S., St. Albans, N. Y. Coupling. 2,128,803; Aug. 30.
- Donaldson, John S., St. Albans, N. Y. Coupling device. 2,128,804; Aug. 30.
- Donaldson, Joseph G., Brentwood Heights, Calif. Apparatus for producing and dispensing soapy solutions. 2,135,969; Nov. 8.
- Donaldson, Kenneth H., Cleveland, Ohio. Making titanium and other compounds. 2,120,602; June 14.
- Donath, Ernst. (See Pier, M., and Donath.)
- Donath, Ernst. (See Pier, M., Kroenig, and Donath.)
- Donato, Joseph J., Berkeley, Calif. Gauge for book stamping and printing machines. 2,123,098; July 5.
- Donbeck, Larry D., Gary, Ind. Producing steel stamps. 2,140,670; Dec. 20.
- Doncaster, Purcell E., Fort William, Ontario, Canada. Backfill for retaining walls. 2,115,009; Apr. 26.
- Donchian, Paul S., Hartford, Conn. Dish. 2,121,654; June 21.
- Dondlinger, Eugene J., Chicago, Ill. Road vehicle construction. 2,135,301; Nov. 1.
- Donellan, Edward P., Brooklyn, N. Y. Machine for counting paper money and similar material. 2,111,024; Mar. 15.
- Donelson, Scott E., Marion, Ohio. Measuring top for containers. 2,123,720; July 12.
- Doney, Charles L., San Pedro, Calif. Packing machine. 2,127,393; Aug. 16.
- Doney, Charles L., San Pedro, Calif. Endless conveyer type packing machine. 2,127,394; Aug. 16.
- Donisthorpe, Frank W., assignor to Hazells Limited, London, England. Racket. 2,109,525; Mar. 1.
- Donker, Hendrik J., Emmastad, Curacao, Dutch West Indies, assignor to Shell Development Company, San Francisco, Calif. Refining of naphthenic acids. 2,131,938; Oct. 4.
- Donnan, Earl H., assignor of one-half to O. J. Heft, Chestnut, Ill. Stock loading chute. 2,107,371; Feb. 8.
- Donnell, Don R., Los Angeles, Calif. Printing press attachment. 2,133,658; Oct. 18.
- Donnellan, Edward P., Brooklyn, N. Y. Sheet feeding mechanism. 2,114,593; Apr. 19.
- Donnellan, Edward P., assignor to Standard-Johnson Company, Inc., Brooklyn, N. Y. Coin sorting machine. 2,110,014; Mar. 1.
- Donnellan, James S., Los Angeles, Calif. Sprinkler. 2,122,055; June 28.
- Donnellan, Maurice L., Kalamazoo, Mich. Device for cooling tires on vehicle wheels. 2,119,204; May 31.
- Donnellan, Myrtle L., Chicago, Ill. Garment hanger. 2,117,656; May 17.
- Donnelley, Elliott, assignor to Scale Models, Inc., Chicago, Ill. Model track. 2,133,500; Oct. 18.
- Donnelley, R. R., & Sons Co. (See Young, Bruce A., assignor.)
- Donnelly, Joseph F., Lemont, Ill. Pyrolysis of liquid hydrocarbons. 2,114,416; Apr. 19.
- Donnelly, Richard J., Elmhurst, Ill., assignor to F. H. Hill Company, Inc., Cleveland, Ohio. Casket overlay support. 2,112,882; Apr. 5.
- Donner, Julius, and F. Jancsó, Budapest, Hungary. Stylograph. 2,136,967; Nov. 15.
- Donohar, Edith P., Los Angeles, Calif. Support and hair covering for earphones. Re. 20,871; Oct. 4.
- Donohue, Stephen E., Charleston, W. Va. Combined table and aquarium. 2,133,740; Oct. 18.
- Donovan, Alfred F., Boston, assignor to E. T. Wright & Company, Inc., Rockland, Mass. Manufacture of footwear. 2,133,164; Oct. 11.
- Donovan, James J., Arlington, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Blank measuring and distributing machine. 2,123,136; July 5.
- Donovan, John F., East Cleveland, and F. J. Malloy, Cleveland Heights, Ohio, assignors to General Electric Company. Apparatus for sealing metal to glass. 2,121,627; June 21.
- Donovan, Joseph L., Duluth, Minn. Wrench. 2,132,207; Oct. 4.
- Donovan, Patrick H., Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,113,649; Apr. 12.
- Donovan, Patrick L., Peoria, Ill. Harrow. 2,129,827; Sept. 13.
- Dons, Eddie M., O. G. Mauro, and D. B. Mapes, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Separating constituents of mineral oils. 2,122,457; July 5.
- Dons, Eddie M., and D. B. Mapes, assignors to Mid-Continent Petroleum Company, Tulsa, Okla. Refining blended lubricating oils. 2,123,503; July 12.
- Dooley, Clarence H., et al. (See Dooley, Delmar D., assignor.)
- Dooley, Delmar D., Rock Island, Ill., assignor of one-fourth to C. H. Dooley, Rock Island, one-fourth to H. K. Dooley, Los Angeles, Calif., and one-fourth to H. C. Snow, Auburn, Ind. Transmission. 2,138,028; Nov. 29.
- Dooley, Edward F., Hutchinson, Kans. Method and apparatus for making well casings. 2,129,570; Sept. 6.
- Dooley, Francis J., Arlington, Mass. Method and apparatus for digesting cellulosic material. 2,121,074; June 21.
- Dooley, H. Keith, et al. (See Dooley, Delmar D., assignor.)
- Doolittle, Arthur K., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Vinyl resin composition. 2,136,378; Nov. 15.
- Doolittle, Arthur K., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Producing vinyl resin surface coatings. 2,140,518; Dec. 20.
- Doolittle, Arthur K., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Producing vinyl resin surface coatings. 2,141,126; Dec. 20.
- Doolittle, Douglas, La Grange, assignor to Salesvertising Associates, Inc., Chicago, Ill. Advertising device. 2,135,331; Nov. 1.
- Doolittle, Franklin M., New Haven, Conn., assignor to Radio Corporation of America. Sound recording and sound reproducing and locating apparatus. 2,126,370; Aug. 9.
- Doolittle, Howard C. (See Bristoll, H. C., Sanford, and Doolittle.)
- Doonan, Walter H., Great Bend, Kans. Basin lister damming machine. 2,118,462; May 24.
- Dootson, Norman L., San Francisco, assignor of one-half to C. W. Bassett, Antioch, Calif. Razor blade sharpener. 2,133,284; Oct. 18.
- Dopheide, Hans. (See Pritschow, K., and Dopheide.)
- Dopp, Carl A., assignor to Crane Co., Chicago, Ill. Valve indicator. 2,140,934; Dec. 20.



- Doppelt, Charles, Chicago, Ill. Container. 2,123,454; July 12.
- Dopyera, Rudolph, Los Angeles, Calif. Stringed musical instrument. 2,138,907; Dec. 6.
- Doran, Albert B., Hollywood, Calif., assignor to Carus Chemical Company, Inc. Photographic developer. 2,136,968; Nov. 15.
- Doran Brothers. (See Schultze, Paul, assignor.)
- Doran Brothers, Incorporated. (See Schultze, Paul, assignor.)
- Doran, John C. (See Schultze, Paul, assignor.)
- Doran, John E., Fairfield, Conn. Self-loading vehicle. 2,110,207; Mar. 8.
- Doran, John E., assignor to The G. A. Gray Company, Cincinnati, Ohio. Regulating the rate of feed of a milling machine or other machine tool. 2,129,049; Sept. 6.
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,112,738; Mar. 29.
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Clutch. 2,120,092; June 7.
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Support for elastic fluid turbines. 2,128,805; Aug. 30.
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Gearing. 2,133,135; Oct. 11.
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Pressure equalizing arrangement for reciprocating pumps. 2,138,654; Nov. 29.
- Doré & Fils. (See Flescher, Pierre H. E., assignor.)
- Dorée, Silvia, New York, N. Y. Display device and making the same. 2,114,337; Apr. 19.
- Dorey, George B. (See Harel, Olivier A., assignor.)
- Dorey, George B., Westmount, Quebec, Canada. Resilient brake connection. 2,106,343; Jan. 25.
- Dorfman, Hiller D., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat treating bimetal. 2,137,078; Nov. 15.
- Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken. Projecting apparatus. 2,113,194; Apr. 5.
- Dorgelo, Eduard G., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Energizing system for discharge tubes. 2,130,077; Sept. 13.
- Dorgelo, Eduard G., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Energizing system for discharge tubes. 2,134,439; Oct. 25.
- Doriot, William F., Chicago, Ill. Automatic antiskid mechanism. 2,133,659; Oct. 18.
- Dorman, Charles O., Georgetown, assignor of one-half to P. E. Hunter, Sacramento, Calif. Mechanical vibrator and expansion device for transmission lines. 2,121,478; June 21.
- Dorman, Edgar P. (See Moorshead, T. C., and Dorman.)
- Dorman, Edgar P., London, England, assignor, by mesne assignments, to Ball Brothers Company, Muncie, Ind. Mold adjusting means for glass shaping machines. 2,137,714; Nov. 22.
- Dorman, Jack L., Cincinnati, Ohio. Device for creating and delivering a cleaning foam. 2,119,906; June 7.
- Dorman, Martin. (See Scepaniak, Adam W., assignor.)
- Dorman, Neal W., assignor to The Toledo Machine & Tool Company, Toledo, Ohio. Pneumatic control valve. 2,129,084; Sept. 6.
- Dormoy, Jules, Paris, France, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for rectifying alternating electric currents. 2,114,898; Apr. 19.
- Dorn, Frederick W., administrator. (See Dorn, Harry P.)
- Dorn, Harry P., deceased, Cleveland, Ohio; F. W. Dorn, administrator. Luminous display. 2,138,803; Nov. 29.
- Dorn, Walter. (See Mall, E., and Dorn.)
- Dorn, Walter. (See Sträh, H., Reger, and Dorn.)
- Dorn, Walter, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Sparking plug. 2,115,666; Apr. 26.
- Dorn, Winfield, Chico, Calif. Levee. 2,114,916; Apr. 19.
- Dornbusch, Paul, Krefeld, Germany. Leather printing and tipping machine. 2,113,614; Apr. 12.
- Dornhoffer, Edward G. (See Miller, F. P., and Dornhoffer.)
- Dornier, Claude, Friedrichshafen-on-the-Bodensee, Germany. Rotor flying machine. 2,119,806; June 7.
- Dorough, George L., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing resinous material and product. 2,127,248; Aug. 16.
- Dorough, George L., Holly Oak, and G. D. Graves, Bellefonte, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing styrene. 2,137,393; Nov. 22.
- Dorr Company, The. (See Coulter, Harold B., assignor.)
- Dorr Company, The. (See Fischer, Anthony J., assignor.)
- Dorr Company, The. (See Fischer, A. J., and Land, assignors.)
- Dorr Company, The. (See Gibbs, Robert C., assignor.)
- Dorr Company, The. (See Kepper, Henry, assignor.)
- Dorr Company, The. (See Land, Nels B., assignor.)
- Dorr Company, The. (See Rankin, Renville S., assignor.)
- Dorr Company, The. (See Russell, William S., assignor.)
- Dorr Company, The. (See Scott, Charles H., assignor.)
- Dorr Company, The. (See Slade, James V., assignor.)
- Dorr Company, The. (See Talbot, Henry J., assignor.)
- Dorr Company, The, et al. (See Weinig, Arthur J., assignor.)
- Dorr, Edwin L., Clayton, Mo., assignor to E. J. Rose, Los Angeles, Calif. Self-supporting electrotherapy electrode. 2,110,392; Mar. 8.
- Dorr, William C., Brooklyn, N. Y., and J. R. Putnam, assignors to The Waterbury Clock Company, Waterbury, Conn. Instruction device for time telling. 2,137,646; Nov. 22.
- Dorrance, Roy G. (See Aldridge, Arthur A., assignor.)
- Dorrer, Eugen. (See Wulff, C., and Dorrer.)
- Dorrer, Eugen, Ludwigshafen-on-the-Rhine, Germany, assignor to Standard-I. G. Company, Linden, N. J. Purification of mineral oils, tars, their distillation products, and the like. 2,116,061; May 3.
- Dorrington, Neill E., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Method of and apparatus for weighing out charges. 2,137,334; Nov. 22.
- Dorsaneo, William V., Strafford, Pa. Reaming and cleaning tool. 2,112,273; Mar. 29.
- Dorschel, Cyril H., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signal system. 2,128,203; Aug. 23.
- Dorsett, Leonard P., Bethlehem, Pa., assignor to The Standard Electric Time Company, Springfield, Mass. Revolution counting apparatus. 2,112,274; Mar. 29.
- Dorsey, John S., Wilmington, Del. Automobile seat. 2,117,409; May 17.
- Dorsey, Louis F., Washington, D. C. Baton. 2,108,802; Feb. 22.
- Dorward, Raymond B., assignor to Insley Manufacturing Corporation, Indianapolis, Ind. Crane excavator. 2,121,189; June 21.
- Dörzbach, Eugen. (See Bockmühl, M., Dörzbach, and Persch.)
- Dörzbach, Eugen, and V. Bross, Frankfurt-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Stable aqueous solutions of substances having an anesthetic effect. 2,132,351; Oct. 4.
- Döschner, Bernhard F., Santa Cruz, Calif. Container handling device. 2,140,314; Dec. 13.
- Doss, George G. (See Kaufman, S., and Doss.)
- Dost, Walter G., Whitefish Bay, Wis. Feeder for perching fowl. 2,122,880; July 5.
- Dostal, Joseph L., Birmingham, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Permanent mold machine for making taps. 2,115,384; Apr. 26.
- Dotten, Earl W., Cromwell, Minn. Engine hood cover. 2,113,294; Apr. 5.
- Dotterer, Frank A., assignor to R-B-M Manufacturing Company, Logansport, Ind. Terminal assembly. 2,128,513; Aug. 30.
- Doty, Charles R. (See Lemmon, W. S., Doty, Walz, and Holt.)
- Doty, Clifford B. (See Lundberg, E. E., Doty, and Hathaway.)
- Doty, Harold F., Oakland, Calif. Brake. 2,110,291; Mar. 8.
- Doty, Myrle M., Sycamore, Ill. Bib. 2,105,029; Jan. 11.
- Dotzer, Leonard. (See Jones, W. T., and Dotzer.)
- Double Envelope Corporation. (See Bear, J. W., and Sublette, assignors.)
- Double, Plummer E., Detroit, Mich. Clinch-nut. 2,110,039; Mar. 1.
- Double, Plummer E., Detroit, Mich. Clinch-nut and making. 2,112,594; Mar. 29.
- Double E. Patents, Inc. (See Englar, Lillian G., assignor.)
- Doud, Hobart P., and L. H. Clary, Decatur, Ill. Brake actuating and equalizing mechanism. 2,123,056; July 19.
- Douden, William L., New York, N. Y., assignor to Radio Corporation of America. Film developing machine. 2,111,759; Mar. 22.
- Douden, William L., New York, N. Y., assignor to Radio Corporation of America. Stereophonographic apparatus and method. 2,124,030; July 19.
- Douden, William L., Philadelphia, Pa., assignor to Radio Corporation of America. Developing motion picture films. 2,139,224; Dec. 6.
- Dougan, Charles E. (See Kinney, Selwyn P., and Dougan.)
- Dougherty, David W., Wayville, Adelaide, South Australia, Australia. Automobile door dovetail. 2,132,100; Oct. 4.
- Dougherty, Gerald A., assignor to Shuler Axle Company, Inc., Louisville, Ky. Axle spring pad. 2,129,654; Sept. 13.
- Dougherty, John M., St. Louis, Mo. Vacuum pump. 2,107,889; Feb. 8.
- Dougherty, Pryor E., Morristown, N. J. Educational apparatus. 2,101,718; Jan. 4.
- Dougherty, Robert S. A., Bethlehem, Pa., assignor to Bethlehem Steel Company. Piling. 2,128,740; Aug. 30.
- Dougherty, Robert S. A., Bethlehem, Pa., assignor to Bethlehem Steel Company. Ladle. 2,135,658; Nov. 8.
- Doughty, Mervin P. (See Partis, Michael, assignor.)
- Douglas Aircraft Company. (See Davis, Lewis N., assignor.)
- Douglas Aircraft Company. (See Guerin, Henry E., assignor.)
- Douglas Aircraft Company. (See Opperman, Otto F., assignor.)



- Douglas, Eula M. (See Douglas, John D. and E. M.)
- Douglas, Frederic E., assignor to Draper Corporation, Hopedale, Mass. Lug strap. 2,139,446; Dec. 6.
- Douglas, George W., New York, N. Y., and J. J. Dewey, Greenwich, Conn. Self-sealing engine valve guide. 2,112,832; Apr. 5.
- Douglas, Harry A., Bronson, Mich. Mechanical force transmission apparatus. 2,129,303; Sept. 6.
- Douglas, Harry A., Bronson, Mich. Golf club. 2,138,294; Nov. 29.
- Douglas, Harry A., Bronson, Mich. Smoking pipe. 2,138,322; Nov. 29.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical adapter means. Re. 20,618; Jan. 11.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lamp unit. 2,110,132; Mar. 8.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lamp unit. 2,110,133; Mar. 8.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting device and manufacture thereof. 2,110,134; Mar. 8.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting means. 2,110,135; Mar. 8.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lamp unit. 2,110,136; Mar. 8.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lamp unit. 2,110,137; Mar. 8.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Connecting means. 2,115,010; Apr. 26.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Connecting means. 2,115,011; Apr. 26.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Connecting means. 2,115,012; Apr. 26.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting device. 2,117,755; May 17.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting device. 2,117,756; May 17.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting device. 2,117,757; May 17.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting device. 2,117,758; May 17.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting device. 2,117,759; May 17.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting device. 2,117,760; May 17.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting device. 2,117,761; May 17.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lighting device. 2,117,762; May 17.
- Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,122,030; June 28.
- Douglas, John, Company, The. (See McNeil, Daniel W., assignor.)
- Douglas, John A., assignor to Trenton Spring Products Company, Trenton, N. J. Flexible mattress spring structure. 2,118,297; May 24.
- Douglas, John D. and E. M., Tampa, Fla. Shade and curtain support. 2,117,547; May 17.
- Douglas, John G., Aberfeldy, Scotland, assignor to Bluemel Bros. Limited, Wolston, near Coventry, England. Steering gear for motor vehicles. Re. 20,895; Oct. 25.
- Douglas, Keith G., assignor to William Gorse Co., Inc., Needham Heights, Mass. Circular knitted elastic fabric. 2,125,255; July 26.
- Douglas, Leslie L., Dallas, Tex. Book cover protector. 2,122,638; July 5.
- Douglas, Paul H., and J. F. Rogers, Cleveland Heights, assignors to The Wellman Engineering Company, Cleveland, Ohio. Charging furnaces. 2,119,424; May 31.
- Douglas, Paul H., and J. F. Rogers, Cleveland Heights, assignors to The Wellman Engineering Company, Cleveland, Ohio. Charging machine for open hearth furnaces and the like. 2,119,425; May 31.
- Douglas, Paul H., and J. F. Rogers, Cleveland Heights, assignors to The Wellman Engineering Company, Cleveland, Ohio. Furnace construction. 2,119,426; May 31.
- Douglas, Stephen, Fresno, Calif. Riding saddle attachment. 2,109,209; Feb. 22.
- Douglass, Alfred E., assignor to Fuller Company, Catsaqua, Pa. Clinker cooling. 2,137,153; Nov. 15.
- Douglass, Cecil N., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Portable hammer wrench. 2,112,693; Mar. 29.
- Douglass, Claude H., et al. (See Eckert, Buell, assignor.)
- Douglass, Emory W. (See Davis, S. H., Doennecke, and Douglass.)
- Douglass, William A. (See Williams, I., Douglass, and Neal.)
- Douglass, William A., Baltimore, Md. Beer coil cleaner. 2,124,875; July 26.
- Doull, Robert M., assignor to Gunite and Waterproofing Limited, Montreal, Quebec, Canada. Apparatus for protecting piles, piers, etc. 2,109,105; Feb. 22.
- Douredoure, Bernard, Bala-Cynwyd, Pa. Valve. 2,138,446; Nov. 29.
- Douthett, William L. (See Grahame, J. H., and Douthett.)
- Douthitt, Frank W., Ortonville, Minn. Corn ear trimmer. 2,105,525; Jan. 18.
- Douthitt, Frank W., Ortonville, Minn. Ear corn steamer. 2,138,908; Dec. 6.
- Dove John B., Union, Miss. Cotton picker. 2,136,126; Nov. 8.
- Doveberg, Ike, Philadelphia, Pa. Wallpaper paste. 2,115,487; Apr. 26.
- Dover, Samuel M., Chicago, Ill. Mirror mounting means. 2,113,251; Apr. 5.
- Dover, Samuel M., Chicago, Ill. Stop and tail lamp. 2,113,553; Apr. 5.
- Dover, Samuel M., Chicago, Ill. Signal lamp. 2,141,240; Dec. 27.
- Dover Stamping and Manufacturing Company. (See Walker, George A., assignor.)
- Dow, Alden B., and R. Goodall, Midland, Mich.; said Goodall assignor to said Dow. Construction block. 2,104,585; Jan. 4.
- Dow Chemical Company, The. (See Amos, James L., assignor.)
- Dow Chemical Company, The. (See Arnold, J. B., and Perkins, assignors.)
- Dow Chemical Company, The. (See Bass, Shailer L., assignor.)
- Dow Chemical Company, The. (See Bass, S. L., and Van Duzee, assignors.)
- Dow Chemical Company, The. (See Bichowsky, Francis K., assignor.)
- Dow Chemical Company, The. (See Binder, William O., assignor.)
- Dow Chemical Company, The. (See Bradshaw, Russell R., assignor.)
- Dow Chemical Company, The. (See Britton, Edgar C., assignor.)
- Dow Chemical Company, The. (See Britton, E. C., and Bass, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Bass, and Hallonquist, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Coleman, and Berhenke, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Coleman, and Moore, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Coleman, and Perkins, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Le Fevre, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Nutting, and Huscher, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Smith, Livak, and Sunderland, assignors.)
- Dow Chemical Company, The. (See Britton, Joseph W., assignor.)
- Dow Chemical Company, The. (See Chamberlain, L. C., and Williams, assignors.)
- Dow Chemical Company, The. (See Chamberlain, L. C., Amos, and Williams, assignors.)
- Dow Chemical Company, The. (See Chamberlain, L. C., Jr., Williams, and Blue, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., and Hadler, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., Hadler, and Zuckermendel, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., and Moore, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., Moore, and Stratton, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., and Stratton, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., and Zemba, assignors.)
- Dow Chemical Company, The. (See Collings, William R., assignor.)
- Dow Chemical Company, The. (See Collings, W. R., and Kauppi, assignors.)
- Dow Chemical Company, The. (See Denker, Frank A., assignor.)
- Dow Chemical Company, The. (See Dreisbach, Robert E., assignor.)
- Dow Chemical Company, The. (See Dressel, G. F., and Short, assignors.)
- Dow Chemical Company, The. (See Gann, John A., assignor.)
- Dow Chemical Company, The. (See Grebe, John J., assignor.)
- Dow Chemical Company, The. (See Grebe, J. J., and Chamberlain, assignors.)
- Dow Chemical Company, The. (See Grebe, J. J., Hebard, and Schneider, assignors.)
- Dow Chemical Company, The. (See Grether, E. F., and Du Vall, assignors.)
- Dow Chemical Company, The. (See Grether, E. F., Shawver, and Du Vall, assignors.)



- Dow Chemical Company, The. (See Hanawalt, Joseph D., assignor.)
- Dow Chemical Company, The. (See Hanawalt, J. D., and Nelson, assignors.)
- Dow Chemical Company, The. (See Hanson, Alden W., assignor.)
- Dow Chemical Company, The. (See Heath, S. B., and Lande, assignors.)
- Dow Chemical Company, The. (See Hoy, J. E., and Harris, assignors.)
- Dow Chemical Company, The. (See Irons, Carroll, assignor.)
- Dow Chemical Company, The. (See Le Fevre, W. J., and Britton, assignors.)
- Dow Chemical Company, The. (See Mills, Lindley E., assignor.)
- Dow Chemical Company, The. (See Mills, L. E., and Allen, assignors.)
- Dow Chemical Company, The. (See Mills, L. E., Smith, and Livak, assignors.)
- Dow Chemical Company, The. (See Nelson, C. E., and De Long, assignors.)
- Dow Chemical Company, The. (See Nelson, C. E., and Peake, assignors.)
- Dow Chemical Company, The. (See Nutting, H. S., and Petrie, assignors.)
- Dow Chemical Company, The. (See Owens, J. S., Peake, and Fowler, assignors.)
- Dow Chemical Company, The. (See Perkins, Ralph P., assignor.)
- Dow Chemical Company. (See Perkins, R. P., and Dietzler, assignors.)
- Dow Chemical Company, The. (See Pierce, James E., assignor.)
- Dow Chemical Company, The. (See Poffenberger, Noland, assignor.)
- Dow Chemical Company, The. (See Prescott, Ralph F., assignor.)
- Dow Chemical Company, The. (See Reilly, John H., assignor.)
- Dow Chemical Company, The. (See Rosett, Walter, assignor.)
- Dow Chemical Company, The. (See Roush, W. E., and Morell, assignors.)
- Dow Chemical Company, The. (See Smith, Frank B., assignor.)
- Dow Chemical Company, The. (See Smith, F. B., and Livak, assignors.)
- Dow Chemical Company, The. (See Stoesser, S. M., and Aqlust, assignors.)
- Dow Chemical Company, The. (See Stoesser, Wesley C., assignor.)
- Dow Chemical Company, The. (See Van Duzee, E. M., and Bass, assignors.)
- Dow Chemical Company, The. (See Ward, Louis E., assignor.)
- Dow Chemical Company, The. (See Wibaut, J. P., and den Hertog, assignors.)
- Dow Chemical Company, The. (See Wibaut, J. P., van de Lande, and Wallagh, assignors.)
- Dow Chemical Company, The. (See Wiley, Ralph M., assignor.)
- Dow, Dewey M. (See Riebel, F., Jr., and Dow.)
- Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,104,453; Jan. 4.
- Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,114,630; Apr. 19.
- Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,135,885; Nov. 8.
- Dow, Dewey M., D. L. Boyd, and F. H. Burmeister, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,130,635; Sept. 20.
- Dow, Dewey M., and L. H. Latta, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,133,741; Oct. 18.
- Dow, James N. (See Knowland, R. G., and Dow.)
- Dow, Jennings B., Alexandria, Va. Constant frequency oscillator system. 2,124,189; July 19.
- Dow, John W., Sioux City, Iowa. Engine fuel injector. 2,126,623; Aug. 9.
- Dow, Orville E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Temperature compensation. 2,109,880; Mar. 1.
- Dow-Weld Company. (See Johnson, Louis B., assignor.)
- Dowd, Charles W., Highland Park, N. J., assignor to Wilcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine feeding mechanism. 2,128,353; Aug. 30.
- Dowd, Thomas J., Buffalo, N. Y. Chair sack. 2,128,693; Aug. 30.
- Dowdall, James T., assignor to S. M. Straus, Gloversville, N. Y. Ornamental glove. 2,114,338; Apr. 19.
- Dowdell, Ralph L., St. Paul, Minn. Ball making machine. 2,127,585; Aug. 23.
- Dowdy, Morton T., Bakersfield, Calif. Folding hospital stool. 2,127,442; Aug. 16.
- Dowell, Arthur E., Washington, D. C., assignor to The Duplex Printing Press Company, Battle Creek, Mich. Rotary press unit. 2,104,626; Jan. 4.
- Downsky, Samuel, New York, N. Y. Pressing iron. 2,123,002; July 5.
- Dowling, Edward S., Indianapolis, Ind., assignor to Shellmar Products Company, Chicago, Ill. Package. 2,125,833; Aug. 2.
- Dowling, Philip H., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of electrical rectifiers. 2,129,410; Sept. 6.
- Dowling, Reginald J., and C. D. Davidson, Seattle, Wash. Carbonated water bottle filler. 2,115,013; Apr. 26.
- Dowling, Walter J., et al. (See Matula, Nicholas, assignor.)
- Downer, George V., St. Pancras, London, England. Illuminating device. 2,112,147; Mar. 22.
- Downer, George V., St. Pancras, England. Electric lamp. 2,116,722; May 10.
- Downey, Alan M., Glendo, Wyo. Combination bull rake and stacker. 2,136,417; Nov. 15.
- Downey, Thomas B., Haddonfield, assignor to Kind & Knox Gelatine Co., Camden, N. J. Apparatus for cooling liquefied solids. 2,136,969; Nov. 15.
- Downey, Victor L., Lakewood, assignor to National Refining Company, Cleveland, Ohio. Refining paraffin base oils. 2,141,623; Dec. 27.
- Downing, Charles E., Pemberville, Ohio. Trailer. 2,119,154; May 31.
- Downing, Frederick B. (See Dales, B., and Downing.)
- Downing, Frederick B. (See Walcott, W. S., Downing, and Powers.)
- Downing, Frederick B., Carneys Point, and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized salts of hydrosulphurous acid and preparation thereof. 2,121,397; June 21.
- Downing, Frederick B., Carneys Point, and F. W. Johnson, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrogen-containing organic compounds. 2,129,264; Sept. 6.
- Downing, Walter G., Vancouver, British Columbia, Canada. Shoetree. 2,113,295; Apr. 5.
- Downs, Charles D. (See Saunders, H. F., and Downs.)
- Downs, Charles R. (See Weiss, J. M., and Downs.)
- Downs, Sewell H., Kalamazoo, Mich., and R. A. Wasson, Brooklyn, N. Y., assignors to Clarge Fan Company, Kalamazoo, Mich. Conditioning apparatus. 2,112,955; Apr. 5.
- Downward, Leslie W., assignor to The Downward Turbine Corporation, Wilmington, Del. Rotary steam engine. 2,106,371; Jan. 25.
- Downward Turbine Corporation. (See Downward, Leslie W., assignor.)
- Dowsett, Harry M., Winchmore Hill, London, England, and R. Cadzow, Ardentinn, Scotland, assignors to Radio Corporation of America. Cathode ray oscillograph. 2,116,671; May 10.
- Dowson & Dobson Limited. (See Laschinger, E. F., and Jackson, assignors.)
- Dowty, George H., Cheltenham, England. Tail wheel and the like for aircraft. 2,132,682; Oct. 11.
- Doxsee, Harvey, Jr., Collier City, Fla., assignor to Fred Fear & Co., Brooklyn, N. Y. Dredge. 2,116,883; May 10.
- Doyle, Conrad W., Warrendale, Oreg. Concrete form. 2,118,374; May 24.
- Doyle, Edgar D., and G. A. Perley, assignors to Leeds & Northrup Company, Philadelphia, Pa. Method and apparatus for measuring ion-concentration. 2,108,294; Feb. 15.
- Doyle, Edgar D., and B. J. Wilson, assignors to Leeds & Northrup Company, Philadelphia, Pa. Method and system of motor control. 2,119,205; May 31.
- Doyle, Edmund A., Brooklyn, N. Y., assignor by mesne assignments, to Union Carbide and Carbon Corporation. Method of and apparatus for removing metal from the surfaces of metallic bodies. 2,125,179; July 26.
- Doyle, Frank B., Phillipsburg, N. J., assignor to Guardite Corporation. Treatment of fruits, particularly dates. 2,128,919; Sept. 6.
- Doyle, Irving W. (See Welblen, E. C., and Doyle.)
- Doyle, William C., Vernon, Tex. Fluid lift pump. 2,140,419; Dec. 13.
- Doyle, William H., White Plains, N. Y. Tooth brush. 2,111,238; Mar. 15.
- Doyle, William J., and J. J. Wollenhaupt, assignors of one-half to The Williamson Heater Company, Cincinnati, Ohio, and one-half to Sears, Roebuck and Co., Chicago, Ill. Producing an iron alloy. 2,139,939; Dec. 13.
- Doyle, Willis G., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure device. 2,134,780; Nov. 1.
- Drabenstott, Glenn H., Wooster, Ohio. Sent for amusement slides. 2,125,773; Aug. 2.
- Drabin, John J., New York, N. Y. Alarm clock. 2,104,611; Jan. 4.
- Drachenberg, Richard E., Detroit, Mich. Pretzel stick vending machine. 2,139,886; Dec. 13.
- Drackett Company, The. (See Gangloff, W. C., and Hieronymus, assignors.)
- Dräger, Rupert H., U. S. Navy. Camera shutter. 2,105,475; Jan. 18.
- Dräger, Rupert H., United States Navy. Film spool and container. 2,106,726; Feb. 1.
- Dräger, Rupert H., U. S. Navy. Reading machine. 2,113,578; Apr. 12.



- Draeger, Rupert H., U. S. Navy. Adjustable film gate. 2,113,580; Apr. 12.  
 Draeger, Rupert H., U. S. Navy. Reading machine indexing mechanism. 2,115,014; Apr. 26.  
 Draeger, Rupert H., United States Navy. Reading attachment for microscopes. 2,123,882; July 19.  
 Draeger, Rupert H., U. S. Navy. Processing film holder. 2,125,285; Aug. 2.  
 Draeger, Rupert H., United States Navy. Book support. 2,125,895; Aug. 9.  
 Draeger, Rupert H., United States Navy. Book support. 2,128,920; Sept. 6.  
 Draeger, Rupert H., United States Navy. Processing photographic sensitized material. 2,128,921; Sept. 6.  
 Draeger, Rupert H., United States Navy. Fine grain translucent screen. 2,131,039; Sept. 27.  
 Draeger, Rupert H., U. S. Navy. Fine grain translucent screen. 2,132,405; Oct. 11.  
 Draeger, Rupert H., U. S. Navy. Copying apparatus. 2,133,978; Oct. 25.  
 Draeger, Rupert H., U. S. Navy. Loose sheet camera. 2,141,176; Dec. 27.  
 Dräger, Otto H. (See Schröter, Gustav-Adolf, assignor.)  
 Dragon, Paul, San Francisco, Calif. Nut shelling machine. 2,129,679; Sept. 13.  
 Dragstedt, Lester R., J. Van Prohaska, and H. P. Harms, Chicago, Ill. Pancreas-derived product and producing it. 2,115,418; Apr. 26.  
 Drabonovsky, Eugene, Milwaukee, Wis. Downdraft carburetor. 2,110,647; Mar. 8.  
 Draim, Nicholas A., U. S. Navy. Airplane wing structure. 2,111,557; Mar. 22.  
 Draim, Nicholas A., U. S. Navy. Low drag, corrosion resisting connection and forming same. 2,114,289; Apr. 19.  
 Drain, James A., Jr., assignor to Sperry Products, Inc., Brooklyn, N. Y. Arc welding. 2,124,849; July 26.  
 Drain, James A., Jr., and W. M. Perry, assignors to Sperry Products, Inc., Brooklyn, N. Y. Roadway inspecting means. 2,136,913; Nov. 15.  
 Drake, Alden M., and N. J. Crowley, West Hartford, Conn. Production tap grinder. 2,131,939; Oct. 4.  
 Drake, Benjamin H., Stockton, Calif. Transportation chair. 2,138,269; Nov. 29.  
 Drake, Frederick H., Boonton, N. J., assignor to Radio Corporation of America. Automatic volume control circuit. 2,105,641; Jan. 18.  
 Drake, George F., assignor to H. D. Colman, Rockford, Ill. Motor control. 2,123,182; July 12.  
 Drake, Harcourt C. (See Jones, G. L., Drake, and Schumacher.)  
 Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector mechanism. 2,106,050; Jan. 18.  
 Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Welding process. 2,124,850; July 26.  
 Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,133,687; Oct. 18.  
 Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Detecting flaws. 2,136,914; Nov. 15.  
 Drake, Harcourt C., Hempstead, and L. J. De Lanty, assignors to Sperry Products, Inc., Brooklyn, N. Y. Lubricant testing device. 2,108,580; Feb. 15.  
 Drake, Harcourt C., Hempstead, N. Y., and J. H. Bigelow, Millis, Mass., assignors to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,113,785; Apr. 12.  
 Drake, Harry W., Marshall, Ill. Steering device for trailers. 2,127,057; Aug. 16.  
 Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for producing sheet glass. 2,140,281; Dec. 13.  
 Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass. 2,140,282; Dec. 13.  
 Drake, Ralph L. (See Hull, G. K., and Drake.)  
 Draminsky, Per, Copenhagen, Denmark. Elastic coupling. 2,116,192; May 3.  
 Drane, Philip B., Tulsa, Okla. Relief valve. 2,133,381; Oct. 18.  
 Dransfeld, Hubert, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Centrifuge. 2,106,832; Feb. 1.  
 Drapeau, Joseph E., Jr., Hammond, Ind., assignor to The Glidden Company, Cleveland, Ohio. Plumbite solutions. 2,115,063; Apr. 26.  
 Draper, Arthur F., Ferndale, Mich. Folding chair. 2,139,673; Dec. 13.  
 Draper Corporation. (See Brown, Carl D., assignor.)  
 Draper Corporation. (See Budzyna, Walter J., assignor.)  
 Draper Corporation. (See Burdett, Horace H., assignor.)  
 Draper Corporation. (See Douglas, Frederic E., assignor.)  
 Draper Corporation. (See Henderson, Thomas, assignor.)  
 Draper Corporation. (See Jackson, Joseph B., assignor.)  
 Draper Corporation. (See Noyes, Ira W., assignor.)  
 Draper Corporation. (See Tuten, James M., assignor.)  
 Draper Corporation. (See Zachary, Edgar L., assignor.)  
 Draper, Donald D. (See Christensen, H. S., and Draper.)  
 Draper, Hollis O., Nashville, Tenn. Necktie attachment. 2,129,657; Sept. 13.  
 Draper, Luther O., and E. F. Pidgeon, Spiceland, Ind. Window shade support. 2,139,580; Dec. 6.  
 Draper, William B., Denver, Colo. Indicating presence and relative amounts of carbon dioxide in gases for breathing. 2,136,236; Nov. 8.  
 Draper, William H., Bristol, England. Folding machine. 2,108,935; Feb. 22.  
 Draper, William V., Palms, Calif. Transition of scenes on a motion picture film. 2,133,085; Oct. 11.  
 Draper, William V., and F. W. Young, Palms, assignors of one-third to C. L. Stokes, Los Angeles, Calif. Making composite pictures. 2,116,826; May 10.  
 Draugelis, John, Girardville, Pa. Concrete composition. 2,104,477; Jan. 4.  
 Draving, Arthur M., assignor to H. H. Eby, Inc., Philadelphia, Pa. Electrical terminal. 2,106,595; Jan. 25.  
 Draving, Arthur M., assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Electrical terminal prong with integral lug. 2,125,713; Aug. 2.  
 Dravo Corporation. (See Anderson, Harold C., assignor.)  
 Dravo Corporation. (See Edwards, Vere B., assignor.)  
 Drayton, Theophilus J. B., Upper Norwood, London, England. Fuel injection system for internal combustion engines. 2,120,739; June 14.  
 Dreeszen, Rudolf J., Douglas Township, Ida County, Iowa. Hog oiler. 2,121,688; June 21.  
 Dreher, Elmer H., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Combined tabulating and punching mechanism. 2,107,030; Feb. 1.  
 Dreher, Omer G., Miamisburg, and C. T. Arnold, assignors to The American Envelope Company, West Carrollton, Ohio. Rotary gumming attachment for envelope folding machines of the plunger type. 2,111,317; Mar. 15.  
 Dreher, Robert, Chicago, Ill. Combination comb case and cleaner. 2,139,940; Dec. 13.  
 Dreher, Thomas B., Pottsville, Pa. Burning brick. 2,107,146; Feb. 1.  
 Drehschmidt, Heinrich, Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to Koppers Company, Chamber oven for the production of gas and coke. 2,110,376; Mar. 8.  
 Drehschmidt, Heinrich, Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Coking retort oven. 2,129,658; Sept. 13.  
 Dreis & Krump Mfg. Company. (See Brownlee, Robert L., assignor.)  
 Dreis & Krump Mfg. Company. (See Long, Arthur H., assignor.)  
 Dreisbach, Robert H., assignor to Electro-Acoustic Products Company, Fort Wayne, Ind. System for sound reproducing apparatus. 2,110,358; Mar. 8.  
 Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Production of styrene and related compounds. 2,110,829; Mar. 8.  
 Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Simultaneous production of vinyl-aromatic compounds and arylacetylenes. 2,110,830; Mar. 8.  
 Drell, Barney, Brooklyn, N. Y. Shoe construction. 2,113,507; Apr. 5.  
 Dremel, Albert J., Racine, Wis. Electric motor. 2,119,986; June 7.  
 Drenkard, Adam, Jr., Grantwood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. System of selector control for carrier conveyers. 2,128,671; Aug. 30.  
 Drenker, Emil, Thornwood, N. Y. Self-leveling device for electric elevators. 2,112,985; Apr. 5.  
 Drennan, Harry E., assignor to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for treating hydrocarbon fluids. 2,112,335; Mar. 29.  
 Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Extracting and recovering volatile hydrocarbons from hydrocarbon gases. 2,117,548; May 17.  
 Drennan, Harry E., Whittenburg, Tex., assignor to Phillips Petroleum Company. Treating hydrocarbon oils. 2,127,953; Aug. 23.  
 Drennan, John O., Detroit, Mich. Hinge. 2,141,685; Dec. 27.  
 Dresch, Israel J., Toledo, and G. S. Weith, Caldwell, N. J., assignors to Bakelite Dental Products, Inc., New York, N. Y. Foiling method. 2,139,631; Dec. 6.  
 Dresden-Leipziger Schnellpressen-Fabrik-A. G. (See Lang, Karl T., assignor.)  
 Dresse, Wilhelm, Dusseldorf, Germany. Apparatus for measuring and filling quantities of semiliquids, dough, or similar fluent material. 2,110,328; Mar. 8.  
 Dreshfield, Arthur C., Kalamazoo, Mich., and H. A. Johnstone, Savannah, Ga., assignors, by mesne assignments, to Hercules Powder Company, Wilmington, Del. Making a size. 2,134,911; Nov. 1.  
 Dreshfield, Arthur C., Kalamazoo, Mich., and H. A. Johnstone, Savannah, Ga., assignors, by mesne assignments, to Hercules Powder Company, Wilmington, Del. Rosin size. 2,134,912; Nov. 1.  
 Dresman, Frank J., et al. (See Bullington, Aubrey E., assignor.)  
 Dresner, S., & Son, Inc. (See Plotkin, Joseph H., assignor.)



- Dressel, Grayton F., Wilmington, N. C., and C. E. Short, assignors to The Dow Chemical Company, Midland, Mich. Preparation of ethylene bromide. 2,108,011; Feb. 8.
- Dressel, Henry M., Chicago, Ill., assignor, by mesne assignments, to Cinch Manufacturing Corporation. Socket. 2,109,106; Feb. 22.
- Dressel, Henry M., Chicago, K. C. Allison, Arlington Heights, and E. J. Mastney, Berwyn, assignors to Oak Manufacturing Company, Chicago, Ill. Vibrator. 2,140,792; Dec. 20.
- Dreucci, Bruno V., Monessen, Pa. Jar cap handle. 2,120,603; June 14.
- Drevlow, Alvin J., J. C. and R. O. and J. H. Peterson, Long Prairie, Minn. Pump jack. 2,109,721; Mar. 1.
- Drevlow, John C. (See Drevlow, Alvin J., J. C., and R. O., and Peterson.)
- Drevlow, Richard O. (See Drevlow, Alvin J., J. C., and R. O., and Peterson.)
- Drew, Donald E. (See Pinzel, T. G., and Drew.)
- Drew, Donald E., Kenmore, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and preparing same. 2,116,193; May 3.
- Drew, Donald E., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic film and making same. 2,137,274; Nov. 22.
- Drew, Frank E. (See McKinney, Charles H., assignor.)
- Drew, Frank L., Aberdeen, Md. Nondrip nozzle. 2,134,709; Nov. 1.
- Drew, Frederick W., Portsmouth, Ohio, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 2,124,653; July 26.
- Drew, John E., Jersey City, N. J., assignor to Durham Duplex Razor Company. Safety razor. 2,118,498; May 24.
- Drew, Mitchell N., Quincy, Fla. Pole setting device. 2,138,842; Dec. 6.
- Drew, Ralph L., North Plymouth, and S. A. Reed, Duxbury, assignors to Plymouth Cordage Company, North Plymouth, Mass. Air conditioning device. 2,108,283; Feb. 15.
- Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive. 2,109,471; Mar. 1.
- Drewry, Montrose K., Milwaukee, Wis. Air conditioning system. 2,129,202; Sept. 6.
- Dreys, Gustav. (See Hansen, James, assignor.)
- Drewns, Pierre, Sandusky, Ohio, assignor to The Barrett Company, New York, N. Y. Impregnated felt. 2,131,097; Sept. 27.
- Drexler, John, and A. Bencsik, assignors of one-third to G. Barnes, Detroit, Mich. Combination sectional box spring and mattress. 2,119,706; June 7.
- Drexler, Samuel, assignor to M. S. Harrison and E. Specter, doing business under the firm name and style of Bilt-Rite Baby Carriage Co., Brooklyn, N. Y. Baby carriage bed. 2,107,855; Feb. 8.
- Dreyer, Albert, Lucerne, Switzerland, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Production of highly elastic flexible tubes or diaphragms. 2,115,419; Apr. 26.
- Dreyer, Arthur B., Long Beach, Calif. Razor blade holder. 2,115,945; May 3.
- Dreyer, Charles B., assignor of one-half to H. F. Boeger, Los Angeles, Calif. Producing photographic effects and films therefor. 2,108,284; Feb. 15.
- Dreyer, John E., Jr., Brooklyn, N. Y., assignor to Radio Corporation of America. Short wave tuned oscillatory circuit. 2,120,518; June 14.
- Dreyer, John F., Jr., Brooklyn, N. Y., assignor to Radio Corporation of America. Automatic volume control circuits. 2,107,409; Feb. 8.
- Dreyer, John F., Jr., Brooklyn, N. Y., assignor to Radio Corporation of America. Automatic gain control circuit. 2,107,410; Feb. 8.
- Dreyer, John F., assignor to The Formica Insulation Company, Cincinnati, Ohio. Flotation coating process. 2,140,498; Dec. 20.
- Dreyfus, Camille, New York, N. Y. Spun yarn from artificial staple fibers and making same. 2,104,798; Jan. 11.
- Dreyfus, Camille, New York, N. Y. Textile products and making same. 2,115,329; Apr. 26.
- Dreyfus, Camille, New York, N. Y. Cellulose derivative compositions and making the same. 2,124,611; July 26.
- Dreyfus, Camille, New York, N. Y. Composite fabric and making same. 2,126,753; Aug. 16.
- Dreyfus, Camille, New York, N. Y. Making a composite fabric. 2,126,755; Aug. 16.
- Dreyfus, Camille, New York, N. Y. Composite fabric and making same. 2,126,756; Aug. 16.
- Dreyfus, Camille, New York, N. Y. Adhering a monogram to a base material. 2,126,757; Aug. 16.
- Dreyfus, Camille, New York, N. Y. Composite fabric and making the same. 2,126,758; Aug. 16.
- Dreyfus, Camille, New York, N. Y. Composite fabric and making same. 2,126,759; Aug. 16.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Film and sheet of organic derivatives of cellulose. 2,106,206; Jan. 26.
- Dreyfus, Camille, New York, N. Y., and H. Platt and A. Lyem, Cumberland, Md., assignors to Celanese Corporation of America. Textile material containing organic derivatives of cellulose. 2,113,935; Apr. 12.
- Dreyfus, Camille, New York, N. Y., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production or treatment of artificial filaments, threads, foils, and the like. 2,116,062; May 3.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Fabric and preparing same. 2,126,754; Aug. 16.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Pile fabric and making the same. 2,127,586; Aug. 23.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Preparation of organic derivatives of cellulose. 2,138,145; Nov. 29.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Esters of cellulose and their preparation. 2,138,146; Nov. 29.
- Dreyfus, Henry. (See Rivat, Georges, assignor.)
- Dreyfus, Henry, London, England. Manufacture and use of cellulose derivatives. 2,106,297; Jan. 25.
- Dreyfus, Henry, London, England. Treatment of materials. 2,106,298; Jan. 25.
- Dreyfus, Henry, London, England. Production of cellulose from lignocellulosic materials. 2,106,797; Feb. 1.
- Dreyfus, Henry, London, England. Making lower aliphatic acid anhydrides and aldehydes. 2,106,798; Feb. 1.
- Dreyfus, Henry, London, England. Treatment of textile and other materials. 2,107,526; Feb. 8.
- Dreyfus, Henry, London, England. Manufacture of organic compounds. 2,108,109; Feb. 15.
- Dreyfus, Henry, London, England. Treatment of cellulose materials. 2,110,545; Mar. 8.
- Dreyfus, Henry, London, England. Production of cellulose and cellulosic products. 2,110,546; Mar. 8.
- Dreyfus, Henry, London, England. Manufacture of acetaldehyde. 2,111,208; Mar. 15.
- Dreyfus, Henry, London, England. Treatment of textile yarns. 2,111,209; Mar. 15.
- Dreyfus, Henry, London, England. Treatment of artificial filaments, yarns, foils, films and the like containing organic derivatives of cellulose. 2,112,237; Mar. 29.
- Dreyfus, Henry, London, England. Saponification of cellulose esters. 2,112,275; Mar. 29.
- Dreyfus, Henry, London, England. Treatment of cellulose ester materials. 2,112,883; Apr. 5.
- Dreyfus, Henry, London, England. Composition of matter containing cellulose derivatives. 2,115,708; May 3.
- Dreyfus, Henry, London, England. Polycarboxylic acid esters of methylene glycol. 2,115,709; May 3.
- Dreyfus, Henry, London, England. Manufacture of compositions and articles containing plasticizable substances and new plasticizers. 2,115,710; May 3.
- Dreyfus, Henry, London, England. Treatment of artificial materials. 2,116,063; May 3.
- Dreyfus, Henry, London, England. Manufacture of a lower fatty acid anhydride. 2,116,056; May 10.
- Dreyfus, Henry, London, England. Manufacture of a lower aliphatic anhydride. 2,116,657; May 10.
- Dreyfus, Henry, London, England. Manufacture of cellulose. 2,118,039; May 24.
- Dreyfus, Henry, London, England. Manufacture of cellulose. 2,118,074; May 24.
- Dreyfus, Henry, London, England. Treatment of artificial filaments, threads, yarns, fabrics, and the like. 2,118,839; May 31.
- Dreyfus, Henry, London, England. Production of textile threads and fabrics. 2,118,840; May 31.
- Dreyfus, Henry, London, England. Manufacture of textile products. 2,120,551; June 14.
- Dreyfus, Henry, London, England. Treatment of artificial materials. 2,121,341; June 21.
- Dreyfus, Henry, London, England. Manufacture of alkylidene diesters. 2,121,342; June 21.
- Dreyfus, Henry, London, England. Treatment of textile materials. 2,121,343; June 21.
- Dreyfus, Henry, London, England. Apparatus for the manufacture or treatment of textile materials. 2,123,235; July 12.
- Dreyfus, Henry, London, England. Hydration of olefines. 2,126,952; Aug. 16.
- Dreyfus, Henry, London, England. Production of textile threads and fabrics. 2,127,561; Aug. 23.
- Dreyfus, Henry, London, England. Manufacture of artificial materials. 2,128,288; Aug. 30.
- Dreyfus, Henry, London, England. Saponification of organic esters of cellulose. 2,129,995; Sept. 13.
- Dreyfus, Henry, London, England. Coloration of materials. 2,131,098; Sept. 27.
- Dreyfus, Henry, London, England. Production of alkylenes oxides. 2,136,183; Nov. 8.
- Dreyfus, Henry, New York, N. Y., assignor to The Washburn Company, Worcester, Mass. Ice pick or tool. 2,112,649; Mar. 29.



- Dreyfus, Henry, London, and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of textile materials. 2,116,064; May 3.
- Dreyfus, Henry, London, and R. W. Moncrieff, Spondon, England, assignors to Celanese Corporation of America. Treatment of cellulose acetate and other organic esters of cellulose. 2,122,793; July 5.
- Dreyfus, Henry, London, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for the treatment of artificial filaments. 2,123,936; July 19.
- Dreyfus, Jean, Paris, France. Transmission means for control members. 2,131,797; Oct. 4.
- Drigard Products Corporation. (See Gardthausen, Jhon H., assignor.)
- Driggs, Frank H., Highland Park, Ill., and H. W. Highriter, Verona, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Constructing X-ray anodes. 2,116,387; May 3.
- Driggs, Frank H., Highland Park, Ill., and H. W. Highriter, Verona, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Article of manufacture and producing the same. 2,125,896; Aug. 9.
- Driggs, Louis L., Jr., Dayton, Ohio. Flare. 2,124,876; July 26.
- Drill, Daniel C., and C. L. Whitenack, Wabash, Ind., and J. H. Gregory, Wheaton, Ill., assignors to American Rock Wool Corporation, Wabash, Ind. Applying binding materials. 2,124,768; July 26.
- Drilling and Exploration Company. (See Brantly, John E., assignor.)
- Dring, Arthur W., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable terminal. 2,114,017; Apr. 12.
- Driscoll, Anthony F. (See Masbach, J. E., and Driscoll.)
- Driscoll, Dennis L., assignor to L. F. Baash, Los Angeles, Calif. Well drilling apparatus. 2,127,108; Aug. 16.
- Driscoll, Dennis L., assignor to L. F. Baash, Los Angeles, Calif. Drive bushing. 2,136,418; Nov. 15.
- Driscoll, Edward A., New York, N. Y. Prevention of ice formation. 2,137,394; Nov. 22.
- Driscoll, John H. (See Driscoll, Richard J. and J. H.)
- Driscoll, Joseph, New York, N. Y. Carburetor heater for internal combustion engines. 2,129,571; Sept. 6.
- Driscoll, Richard J., White Plains, N. Y., and J. H. Driscoll, Edgewater, N. J. Ring buoy and making the same. 2,105,110; Jan. 11.
- Driscoll, Richard J., White Plains, N. Y., and J. H. Driscoll, Edgewater, N. J. Machine for filling a receptacle with granulated material. 2,114,103; Apr. 12.
- Driscoll, Richard J., White Plains, N. Y., and J. H. Driscoll, Edgewater, N. J. Packing machine. 2,114,104; Apr. 12.
- Drissen, Wallace W. (See Goldberg, M. W., and Drissen.)
- Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Metalworking machine. 2,116,565; May 10.
- Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Positive acting circular chaser die. 2,130,119; Sept. 13.
- Dri-Steam Valve Corporation. (See Pascale, Pasquale, assignor.)
- Driver-Harris Company. (See Bash, Francis E., assignor.)
- Driver-Harris Company. (See Rogers, Owen A., assignor.)
- Dri-Wear, Inc. (See Muller, Oscar F., assignor.)
- Droble, Albert W., Wayne, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Loom. 2,106,727; Feb. 1.
- Droble, Albert W., Wayne, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Pile fabric and making the same. 2,108,046; Feb. 15.
- Droble, Albert W., Wayne, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Treating pile fabrics. 2,120,801; June 14.
- Drolet, Alphonse, Quebec, Quebec, Canada. Vehicle spring. 2,112,148; Mar. 22.
- Drolet, Leon, Lowell, Mass. Double action thread catcher. 2,141,062; Dec. 20.
- Droll, Henry E., Rowena, Tex. Supporting pin for eyeglasses and the like. 2,104,612; Jan. 4.
- Droll, Joseph W., Chicago, Ill. Carbon electrode for projectors. 2,120,243; June 14.
- Droll, Joseph W., Chicago, and A. H. Olson, Evanston, assignors to Droll Patents Corporation, Chicago, Ill. Mattress filling machine. 2,110,359; Mar. 8.
- Droll Patents Corporation. (See Droll, J. W., and Olson, assignors.)
- Drouillard, Edward, Detroit, Mich. Propeller. 2,111,093; Mar. 15.
- Drovers Trust & Sav. Bank. (See Turner, Henry P.)
- Droz, Benjamin J., assignor to G. O. Smith, Cleveland, Ohio, trustee. Aeroplane. 2,111,318; Mar. 15.
- Drucker, Frederick. (See Drucker, William J., assignor.)
- Drucker, Julius, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Titanium-containing pigments. 2,118,916; May 31.
- Drucker, William J., assignor to F. Drucker, Richmond Hill, N. Y. Refrigerator display case. 2,129,996; Sept. 13.
- Druckmaschinen Aktiengesellschaft. (See Büttner, Artur, assignor.)
- Drude, Catherine, Detroit, Mich. Bumping extension. 2,134,108; Oct. 25.
- Druge, Daniel O. and O. C., Oakland, Calif. Faucet. 2,121,863; June 28.
- Druge, Otto C. (See Druge, Daniel O. and O. C.)
- Drum, George F., Millburn, N. J., assignor to American Telephone and Telegraph Company. Time of day announcing system. 2,138,147; Nov. 29.
- Drummond, Arthur, Rye, N. Y. Key check and rack. Re. 20,928; Nov. 29.
- Drummond, Robert S., Detroit, Mich. Lapping machine. 2,111,045; Mar. 15.
- Drummond, Robert S., Detroit, Mich. Machine for finishing gears. 2,121,479; June 21.
- Drummond, Robert S., Detroit, Mich. Rotary gear cutting tool. 2,126,178; Aug. 9.
- Drummond, Robert W., Oneida, and M. Rogers, Earlville, assignors to Oneida Limited, Oneida, N. Y. Display chest for silverware, etc. 2,122,738; July 5.
- Drummond, Poy M., London, England. Apparatus for purifying or washing air or other gas, or for cooling a liquid. 2,127,490; June 14.
- Druyvesteyn, Mari J., and N. Warmoltz, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 2,104,073; Jan. 4.
- Dryden, William. (See Jones, Henry R., assignor.)
- Dry Fruit Products Company. (See Percy, Earl N., assignor.)
- Dry Fruit Products Company. (See Rea, J. C., and Percy, assignors.)
- Dry Fruit Products Company. (See Webb, Wells A., assignor.)
- Dry Fruits Products Company. (See Rea, James C., assignor.)
- Dryer, Charles G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,120,244; June 14.
- Drypolcher, William, Valley Stream, N. Y. Stapling machine. 2,130,734; Sept. 20.
- Drypolcher, William, Valley Stream, assignor to L. Obstfeld, Brooklyn, and A. Obstfeld, New York, N. Y. Stapling machine. 2,131,473; Sept. 27.
- Drysdale, William D., Mount Clemens, Mich., assignor to W. J. Sugden, Boston, Mass. Refrigerant compressor. 2,110,107; Mar. 1.
- Dry-Zero Corporation. (See Lindsay, Harvey B., assignor.)
- Drzewiecki, Joseph, Detroit, Mich. Door lock for automobiles. 2,140,129; Dec. 13.
- Du-All Check Book Company. (See Frost, Charles A., assignor.)
- Du-All Scaffold Bracket Company. (See Brown, Robert C., assignor.)
- Duaei, Alexander J. (See Converse, E. M., and Duaei.)
- Dual Parking Meter Company. (See Hale, G. A., and Thuesen, assignors.)
- Dual Parking Meter Company. (See Johns, Herman S., assignor.)
- Dual Parking Meter Company. (See Magee, Carl C., assignor.)
- Dube, John E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Thermostatically controlled mixing valve. 2,141,520; Dec. 27.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,105,526; Jan. 18.
- Dubbs, Carbon P., Newstead, Paget, Bermuda, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for cracking petroleum oil. 2,112,360; Mar. 29.
- Dube, John E. (See Giesler, J. V., and Dube.)
- Dube, John E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Control mechanism. 2,112,664; Mar. 29.
- Dube, John E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Relief valve. 2,112,665; Mar. 29.
- Dube, John E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Expansion valve with automatic temperature compensation. 2,122,931; July 5.
- Dube, John E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Temperature regulator. 2,132,290; Oct. 4.
- Duberstein, Samuel. (See Lawner, N., and Duberstein.)
- Dubied, Edouard & Cie. Société Anonyme. (See Korber, Hans, assignor.)
- Dubilier Condenser Corporation. (See Bailey, William M., assignor.)
- Dubilier Condenser Corporation. (See Dubilier, William, assignor.)
- Dubilier, William, New Rochelle, N. Y. Collapsible rod. 2,130,993; Sept. 20.
- Dubilier, William, New Rochelle, assignor to Dubilier Condenser Corporation, New York, N. Y. Condenser. 2,127,352; Aug. 16.
- Dubilier, William, New Rochelle, assignor to Dubilier Condenser Corporation, New York, N. Y. Electrical condenser. 2,128,990; Sept. 6.
- Dubilier, William, New Rochelle, N. Y., assignor to Cornell-Dubilier Corporation. Electrical condenser. 2,133,086; Oct. 11.
- Dubilier, William, and J. Oppenheimer, New York, N. Y. Ceramic dielectric material and making the same. 2,128,289; Aug. 30.



- Dubner, Harry J., New York, N. Y. Corselet. 2,124,769; July 26.
- Du Bois, Alfred, Paris, France. Sacking into valve bags. 2,104,154; Jan. 4.
- Du Bois, Alfred, Paris, France. Valve bag. 2,141,737; Dec. 27.
- Du Bois, Alfred, Paris, France. Filling and weighing machine. 2,141,738; Dec. 27.
- Du Bois, Horace A., Neenah, assignor to Paper Patents Company, Neenah, Wis. Paper making. 2,132,016; Oct. 4.
- Du Bois, Kenneth W., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Brooder. 2,123,671; July 12.
- Du Bois, Kenneth W., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Thermostatic control. 2,123,672; July 12.
- Du Bois, Marvin A., Chicago, Ill., assignor, by mesne assignments, to The Post Glover Electric Company, Cincinnati, Ohio. Resistance grid. 2,128,222; Aug. 30.
- Dubonnet, André, Neuilly-sur-Seine, France. Elastic suspension system for vehicles. 2,128,694; Aug. 30.
- Dubonnet, André, Neuilly-sur-Seine, France. Wheel mounting. 2,136,586; Nov. 15.
- Du Brie, Stanley K., Detroit, Mich. Spring switch with handle. 2,125,432; Aug. 2.
- Dubry, Ernest E. (See Felger, R. G., McLellan, Griswold, and Dubry.)
- Dubsky, Arthur, Vienna, Austria. Pyrophoric igniter. 2,105,072; Jan. 11.
- Dubuar, Arthur S., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic multiswitching apparatus. 2,136,612; Nov. 15.
- Dubus, Peter A., New Orleans, La. Process of and apparatus for treating crustacea. 2,104,027; Jan. 4.
- Duby, Frederick, Miami, Fla. Adding machine. 2,129,265; Sept. 6.
- Duchan, Bennie, New York, N. Y. Knee pad for sewing machines. 2,127,209; Aug. 16.
- Duckham, Alexander, assignor to Alexander Duckham & Company Limited, London, England. Upper cylinder lubricant. 2,110,503; Mar. 8.
- Duckham, Alexander, & Company Limited. (See Duckham, Alexander, assignor.)
- Duckworth, James, Chicago, Ill. Hair pressing comb. 2,122,561; Mar. 29.
- Duclos, Aeneas J. N., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Lead extrusion apparatus. 2,110,988; Mar. 15.
- Duclos, Arthur C. (See Edmonston, A., and Duclos.)
- Ducommun, Jesse C. (See Houser, A. R., and Ducommun.)
- Ducrot, Albert, Paris, France. Reclining armchair. 2,126,098; Aug. 9.
- Dudding, Bernard P. (See Leeds, R. E., and Dudding.)
- Du Devoire, Henry J., Indianapolis, Ind. Bedspring display rack. 2,127,555; Aug. 23.
- Dudleston, William G., Chicago Heights, Ill., assignor to The Patent and Licensing Corporation, New York, N. Y. Apparatus for coating and slating roofing shingles. 2,122,739; July 5.
- Dudley, Edward C., Fresno, Calif. Hydraulic control valve. 2,127,679; Aug. 23.
- Dudley, Edward F. (See Stevens, B. D., Dudley, and Verrinder.)
- Dudley, Homer W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave transmission system. 2,105,910; Jan. 18.
- Dudley, Homer W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,115,803; May 3.
- Dudley, Homer W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for the artificial production of vocal or other sounds. 2,121,142; June 21.
- Dudley, Homer W., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stranded conductor. 2,107,177; Feb. 1.
- Dudley, Horace C., Springfield, Mo. Recovery of selenium. 2,111,112; Mar. 15.
- Dudley Lock Corporation. (See Bell, Dillwyn M., assignor.)
- Dudley Lock Corporation. (See Buettner, R. J., Found, Muntner, Neltz, and Zanig, assignors.)
- Dudley Lock Corporation, The. (See Winning, Robert K., assignor.)
- Dudte, Margaret M., et al. (See McKee, Thomas, assignor.)
- Duecker, Werner W., Pittsburgh, Pa., assignor to Texas Gulf Sulphur Company. Sulphur cement. 2,135,747; Nov. 8.
- Duemler, Oliver E. (See Aderhold, J. E., Jr., and Duemler.)
- Duering, Carl F. (See Imbertson, N. M., and Duering.)
- Duerr, Edgar, Anglesey, Wales. Stockless anchor. 2,130,120; Sept. 13.
- Duerr, Hermann H. (See Barth, W., and Duerr.)
- Duff, Edmund E., near Seattle, and A. L. Wood, assignors to Boeing Aircraft Company, Seattle, Wash. Gill opening adjusting means. 2,124,333; July 19.
- Duff, John, Jr., New Bedford, Mass. Delivery nozzle. 2,106,594; Jan. 25.
- Duff-Norton Manufacturing Company, The. (See Schwerin, Frank H., assignor.)
- Duffendack, Ora S., and R. A. Wolfe, Ann Arbor, Mich. Gaseous discharge tube. 2,122,932; July 5.
- Duffield, Frederick L., London, England. Production of iron from iron ore. 2,122,197; June 28.
- Duffield, Robert G., Jr., Boston, Mass. Envelope sealing device. 2,114,874; Apr. 19.
- Dumeld, William A., assignor to Juno Corporation Limited, Montreal, Quebec, Canada. Automatic power transmission. 2,131,619; Sept. 27.
- Duffield, William A., assignor to Juno Corporation Limited, Montreal, Quebec, Canada. Automatic power transmission. 2,136,419; Nov. 15.
- Duffy Manufacturing Company. (See Boersma, Reemer A., assignor.)
- Duffy, Michael J., Brooklyn, N. Y. Nonrefillable bottle. 2,128,922; Sept. 6.
- Duffy, Walter J., North Bergen, N. J. Electrical outlet. 2,108,581; Feb. 15.
- Dufour, Raymond J., Oak Park, assignor to Autogas Corporation, Chicago, Ill. Combustion chamber. 2,109,262; Feb. 22.
- Dufour, René A., Paris, and H. A. Leduc, Mantes-Gassicourt, France. Method and apparatus for heat-treating metallic members coated with rubber. 2,129,203; Sept. 6.
- Duga, William I. (See Garfinkel, M., Ruiz, and Duga.)
- Dugan, Frank C., Refugio, Tex. Separator. 2,140,953; Dec. 20.
- Duggan, Fred W., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Light stabilization of vinyl polymers. 2,126,179; Aug. 9.
- Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Dispensing machine. 2,128,179; Aug. 23.
- Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Coin controlled apparatus for dispensing machines. 2,128,180; Aug. 23.
- Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Dispensing machine. 2,128,181; Aug. 23.
- Duinker, Daniël M., and J. G. W. Mulder, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Ionic discharge tube. 2,117,794; May 17.
- Dujardin, Maurice. (See Decuyper, C., and Dujardin.)
- Du Jay, Inc. (See Hirsch, Jules, assignor.)
- Dukas, James K., Kingston, Pa. Automatic gravity stoker. 2,128,125; Aug. 23.
- Duke, Robert S., Houston, Tex. Lap retruing machine. 2,122,056; June 28.
- Dukelow, Arthur, Denver, Colo. Post hole forming machine. 2,135,970; Nov. 8.
- Dukelow, Arthur, Denver, and L. M. Alger, Golden, Colo. Clutch. 2,135,971; Nov. 8.
- Dukelow, Arthur, Denver, and L. M. Alger, Golden, Colo. Power shovel. 2,140,988; Dec. 20.
- Dukelow, Thomas, Chicago, Ill. Spark plug. 2,136,206; Nov. 8.
- Dukes, Thomas C., Parnell, Mo. Folding table. 2,121,398; June 21.
- Du-La Manufacturing Company. (See Hettinger, George, assignor.)
- Duldner, Karl, and R. Wadelka, Vienna, Austria, assignors, by mesne assignments to General Electric Company, Schenectady, N. Y. Frosting of glass articles. 2,110,117; Mar. 1.
- Dullea, Walter A., Milton, Mass. Tooth brush. 2,123,407; July 12.
- Dumas Engineering Company. (See Dumas, M. G., and Orr, assignors.)
- Dumas, Maxwell G., and W. S. Orr, Pittsburgh, Pa., assignors to Dumas Engineering Company, Youngstown, Ohio. Multiple pouring device. 2,129,050; Sept. 6.
- Dumert, Victor, Finchley, London, England, assignor to Johnson Laboratories Incorporated, Chicago, Ill. Molding plastic materials which do not flow easily. 2,135,803; Nov. 8.
- Dummer, Edward J., Rochester, and E. L. Plnder, Irondequoit, assignors to Multipost Company, Rochester, N. Y. Envelope handling machine. 2,136,786; Nov. 15.
- Du Mond, Jesse W. M., Pasadena, Calif. X ray generating device. 2,133,606; Oct. 18.
- Dumont, Hector, Jambes, Belgium. Propelling device for vehicles. 2,134,440; Oct. 25.
- Dumore Company, The. (See Beach, Royal A., assignor.)
- Dunaway, Sanford J., assignor to The Expello Corporation, Dover, N. H. Grooming device. 2,132,820; Oct. 11.
- Dunaway, Ulrich C., assignor to J. R. Kearney Corporation, St. Louis, Mo. Combined ferrule and insulation holder for wires. 2,141,760; Mar. 22.
- Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Co., Cambridge, Mass. Rubber overshoe. 2,108,658; Feb. 15.
- Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Co., Cambridge, Mass. Overshoe. 2,128,204; Aug. 23.
- Dunbar, Howard W., assignor to Norton Company, Worcester, Mass. Grinding and lapping machine. 2,127,210; Aug. 10.
- Dunbar, Howard W., Worcester, and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,137,821; Nov. 22.



- Dunbar, Howard W., Worcester, and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,142,020; Dec. 27.
- Dunbar, Ralph E. (See Lang, H. T., and Dunbar.)
- Dunbar, Ralph E., East Cleveland, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Commutator and making same. 2,141,268; Dec. 27.
- Dunbeck, Norman J., assignor to Eastern Clay Products, Inc., Eifort, Ohio. Composition. 2,128,404; Aug. 30.
- Duncan, Albert S., and A. L. Stowell, assignors to The Stanley Works, New Britain, Conn. Coilable measuring rule. 2,127,443; Aug. 16.
- Duncan, Archibald A., Akron, Ohio. Heater. 2,119,008; May 31.
- Duncan, Charles R. (See Sandberg, R. A., and Duncan.)
- Duncan, Charles R., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Automobile lock. 2,113,830; Apr. 12.
- Duncan, Charles R., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever. 2,126,371; Aug. 9.
- Duncan, Ed W., Blue Diamond, Ky. Drop bottom car. 2,138,695; Nov. 29.
- Duncan Electric Manufacturing Company. (See Emens, Albert L., assignor.)
- Duncan Electric Manufacturing Company. (See Green, Stanley S., assignor.)
- Duncan, Eli L., Spokane, Wash. Adjustable headrest. 2,120,310; June 14.
- Duncan, George, Olaa, Hawaii. Vacuum pan. 2,141,686; Dec. 27.
- Duncan, Herbert L., Highland Park, assignor of one-half to L. P. Threlkeld, Detroit, Mich. Variable timing device. 2,121,560; June 21.
- Duncan, James A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter system. 2,134,076; Oct. 25.
- Duncan, James F., and E. H. Barlow, Waterbury, Conn. Ballcock. 2,105,314; Jan. 11.
- Duncan, Loman A., Pittsburg, Kans. Window jack. 2,116,427; May 3.
- Duncan, Robert A. (See Burt, R. V., Duncan, and Short.)
- Duncan, Robert A. (See McAllister, W. H., Duncan, and Quimby.)
- Duncan, Robert A., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Manufacture of soap and glycerin. 2,126,099; Aug. 9.
- Duncan, Robert D., Jr., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Carrier supply system. 2,105,809; Jan. 18.
- Duncan, William B., Shawnee, Okla. Apparatus for gauging fluid levels. 2,139,810; Dec. 13.
- Dunklee, Elmer R., Mystic, assignor to The Atwood Machine Company, Stonington, Conn. Winding machine. 2,129,411; Sept. 6.
- Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce. Ultrahigh frequency radio amplifier. 2,132,208; Oct. 4.
- Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of Commerce. Radio system for automatic control of aircraft, as during landing. 2,133,285; Oct. 18.
- Dunford, Ernest, assignor to Landis Machine Company, St. Louis, Mo. Sanding wheel. 2,107,411; Feb. 8.
- Dunford, Ernest, assignor to Landis Machine Company, St. Louis, Mo. Edge trimmer grinder. 2,134,751; Nov. 1.
- Dungler, Julien, Thann, France. Opening of textile fabrics from rope form. 2,117,603; May 17.
- Dungler, Julien, Thann, France. Selvage guide apparatus for fabrics. 2,118,375; May 24.
- Dunham, Aubra R. (See Dunham, Clayton A. and A. R.)
- Dunham, Clayton A. and A. R., Glencoe, assignors to Experimental Laboratories, Inc., Chicago, Ill. Generating heating medium. 2,131,555; Sept. 27.
- Dunham Company, C. A. (See Crosthwait, D. N., Jr., Hesmer, and Brennan, assignors.)
- Dunham, Edward C., Northampton, assignor to Hampton Company, Easthampton, Mass. Method and apparatus for treating rayon cakes. 2,130,791; Sept. 20.
- Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Drive axle construction. 2,134,687; Nov. 1.
- Dunham, George S., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for distillation. 2,108,659; Feb. 15.
- Dunham, George S., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Distillation. 2,113,130; Apr. 5.
- Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,112,077; Mar. 22.
- Dunham, George W., assignor, by mesne assignments, to Winchester Repeating Arms Company, New Haven, Conn. Washing machine. 2,136,787; Nov. 15.
- Dunham, Henry V., Bainbridge, N. Y. Casein product and process of making. 2,108,582; Feb. 15.
- Dunnam, Mack W., assignor to Favorite Foods Ltd., Vancouver, British Columbia, Canada. Tamale machine. 2,134,862; Nov. 1.
- Dunham, Robert M., assignor to Brown & Root, Inc., Houston, Tex. Saw. 2,105,030; Jan. 11.
- Dunham, Thomas M., Aurora, Ill. Binder and mounting structure for catalogues or the like. 2,111,845; Mar. 22.
- Dunham, Thomas M., Aurora, Ill. Display bin structure. 2,111,846; Mar. 22.
- Dunica, Ralph W., Indianapolis, Ind. Fire extinguisher holder. 2,109,821; Mar. 1.
- Dunkelmann, Hans, Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Fuel-injecting pump for internal combustion engines. 2,130,339; Sept. 20.
- Dunkelow, Henry J. (See Batten, P. H., and Dunkelow.)
- Dunkelow, Henry J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch mechanism. 2,125,433; Aug. 2.
- Dunkelow, Henry J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,140,619; Dec. 20.
- Dunkle, Murna, Lime Rock, Conn. Support for the graphic arts. 2,115,972; May 3.
- Dunks, Herman. (See Willis, Kirk P., assignor.)
- Dunlap, John A., assignor to A. J. Cline, Chicago, Ill. Supplying paper to printing presses. 2,120,778; June 14.
- Dunlap, John C., Hutchinson, Kans. Heating apparatus for liquid. 2,119,907; June 7.
- Dunlap, William J., Long Beach, Calif. Wall washer. 2,118,176; May 24.
- Dunleavy, John J., Scranton, Pa. Automatic self-centering guide eye. 2,130,121; Sept. 13.
- Dunlop, James, Park Ridge, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,109,210; Feb. 22.
- Dunlop Rubber Company Limited. (See Anderson, J., and Langstreth, assignor.)
- Dunlop Rubber Company Limited. (See Murphy, E. A., and Madge, assignors.)
- Dunlap Rubber Company. (See Murphy, Edward A., assignor.)
- Dunlop Rubber Company. (See Smith, H., and Brentnall, assignors.)
- Dunlop Rubber Company. (See Willshaw, Harry, assignor.)
- Dunlop Rubber Company. (See Wright, J., and Trevaskis, assignors.)
- Dunlop Rubber Company Limited. (See Murphy, E. A., and Taylor, assignors.)
- Dunlop Tire and Rubber Corporation. (See Church, Franklin O., assignor.)
- Dunlop Tire and Rubber Corporation. (See McChesney, C. S., and Lukacz, assignors.)
- Dunlop Tire and Rubber Corporation. (See Parkinson, Donald, assignor.)
- Dunmire, Russell P., assignor, by mesne assignments, to The Buckeye Laboratories, Inc., Alliance, Ohio. Purification of oil. 2,116,344; May 3.
- Dunmore, Francis W. (See Diamond, H., and Dunmore.)
- Dunmore, Francis W., Washington, D. C., assignor to Government of the United States of America, as represented by the Secretary of Commerce. Aircraft blind landing beam system. 2,104,028; Jan. 4.
- Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce. Course indicator for blind flying and landing. 2,119,530; June 7.
- Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States as represented by the Secretary of Commerce. Course indicator for the double and triple modulation directive radio beacons. 2,120,245; June 14.
- Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States as represented by the Secretary of Commerce. Radio beam and receiving device for blind landing of aircraft. 2,127,954; Aug. 23.
- Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States represented by the Secretary of Commerce. Radio system for azimuth indication. 2,128,923; Sept. 6.
- Dunmore, Francis W., Washington, D. C., assignor to Government of the United States of America, as represented by the Secretary of Commerce. Automatic steering system. 2,137,241; Nov. 22.
- Dunn, Allen I., assignor to Cedar Rapids Engineering Company, Cedar Rapids, Iowa. Grinding device. 2,139,887; Dec. 13.
- Dunn, Burton B. (See Payne, R. L., and Dunn.)
- Dunn, Edward L., Livingston, N. J., assignor to Otis Elevator Company, New York, N. Y. Closure operating mechanism. 2,121,906; June 28.
- Dunn, Edward L., Livingston, N. J., and W. H. Bruns, Lincolnale, assignors to Otis Elevator Company, New York, N. Y. Moving stairway handrail guard. 2,113,173; Apr. 5.
- Dunn, Frederick R., Lockport, assignor to American District Steam Company, North Tonawanda, N. Y. Steam trap. 2,117,056; May 10.
- Dunn, Holbert E., Crafton, assignor to Southern Mineral Products Corporation, Bridgeville, Pa. Treating titaniferous ores. 2,109,917; Mar. 1.
- Dunn, James H. (See Becker, Albert W., assignor.)
- Dunn, John S. (See Himsworth, R. R., and Dunn.)
- Dunn, John S., New Orleans, La. Visualizing dioptrimeter. 2,136,735; Nov. 15.



- Dunn, John S., and F. R. Himsworth, Norton-on-Tees, and V. Lefebure, London, England, assignors to Imperial Chemical Industries Limited. Calcium sulphate plaster. 2,113,370; Apr. 5.
- Dunn, John W. (See Hathorn, C. E., and Dunn.)
- Dunn, Roland H. (See Brown, A., Dunn, and McKie.)
- Dunn, William C. (See Brodersen, T., and Dunn.)
- Dunn, William G., Clarinda, Iowa. Flexible form for masonry structures. 2,117,549; May 17.
- Dunn, William G., Clarinda, Iowa. Antenna for moving vehicles. 2,132,938; Oct. 11.
- Dunn, William G., Clarinda, Iowa. Wind driven generator structure. 2,140,152; Dec. 13.
- Dunn, William T. (See Stromquist, V. B., and Dunn.)
- Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,112,619; Mar. 29.
- Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Pump. 2,129,828; Sept. 13.
- Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Combined motor and transmission mounting. 2,129,829; Sept. 13.
- Dünnebie, Max. (See Winkler, A., and Dünnebie.)
- Dünnebie, Max, Neuwied, Germany. Process and apparatus for the manufacture of envelopes, bags, and similar articles. 2,119,951; June 7.
- Dunning, James. (See Edmonds, Elmer C., assignor.)
- Dunning Lueckel Engineering Company. (See Lueckel, William J., assignor.)
- Dunning, Orville M., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrochemical translating device. 2,106,051; Jan. 18.
- Dunning, Sanford F., Wheaton, Ill., assignor to American Telephone and Telegraph Company. Call distributing telephone system. 2,121,498; June 21.
- Dunrud, Martin C. (See Miller, R. J., and Dunrud.)
- Dunseath, Harry. (See Dunseath, James G., assignor.)
- Dunseath, James G., assignor of one-half to H. Dunseath, Reno, Nevada. Lock. 2,131,315; Sept. 27.
- Dunser, John F., Richmond Heights, Mo. Apparatus for sorting flexible sheet material. 2,132,231; Oct. 4.
- Dunseath, Percy, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Metal extrusion device. 2,108,529; Feb. 15.
- Dunseath, Percy, Kent, assignor to Henley Extrusion Machine Company Limited, London, England. Means for melting metal. 2,122,233; June 28.
- Dunstan, Albert E., assignor to Anglo-Iranian Oil Company, Limited, London, England. Polymerization of gaseous olefines. 2,128,126; Aug. 23.
- Dunston, Wayne E. (See Girt, C., Caldwell, and Dunston.)
- Duntze, George D., assignor of one-half to H. C. Stoffregen, St. Louis, Mo. Sign. 2,117,710; May 17.
- Duntze, George D., assignor of one-half to H. C. Stoffregen, St. Louis, Mo. Sign. 2,141,207; Dec. 27.
- Duo-Syndicate. (See Ballard, John R., assignor.)
- Dupelessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,108,166; Feb. 15.
- Duperron, Wilfred, Vancouver, British Columbia, Canada. Electrical measuring instrument. 2,129,204; Sept. 6.
- Duplicate Corporation. (See Sherts, J. H., and Dennison, assignors.)
- Dupler, Raymond R., Toledo, Ohio. Illuminated globe mounting. 2,127,249; Aug. 16.
- Duplex Envelope Company, The. (See Shomaker, Wesley P., assignor.)
- Duplex Printing Press Company. (See Blackley, James L., assignor.)
- Duplex Printing Press Company. (See Dean, Edmund W., assignor.)
- Duplex Printing Press Company. (See Dean, E. W., and Blackley, assignors.)
- Duplex Printing Press Company, The. (See Dowell, Arthur E., assignor.)
- Duplex Printing Press Company. (See Farley, Marcus M., assignor.)
- Duplex Printing Press Company. (See Mars, T. H., and Behrens, assignors.)
- Duplex Printing Press Company. (See Schmidt, G. H., and Behrens, assignors.)
- Duplex Totalizers Proprietary Limited. (See Watson, H. G., and Mitchell, assignors.)
- Du Pont, Carl J., and J. W. Ferris, Huntington, Ind. Truck. 2,130,418; Sept. 20.
- Du Pont, Doralne, New York, N. Y. Kit for personal wear. 2,129,915; Sept. 13.
- Du Pont, E. I., de Nemours & Company. (See Acken, Marshall F., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Allen, E. R., and Lutz, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Alles, Francis P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Alles, F. P., and Edwards, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Alt, Cornelius A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Altwegg, H., and Eichler, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Alvarado, Alfonso M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Alvarado, A. M., and Ubben, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Alvord, Earl T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Anderson, William T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Anderson, W. T., and Henry, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Armor, Horace F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Armor, B. S., and Walsh, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, E. F., and Callahan, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, H. R., and Greenwalt, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, H. R., and Lazier, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, Luther B., Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Arvin, James A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Austin, Paul E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Austin, P. R., and McCall, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Babcock, D. F., and Wertz, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bake, Louis S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Baker, L. S., Morgan, and Quid, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Ball, Robert W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Balthis, Joseph H., Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Banigan, Thomas F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Barnhart, G., and Lubs, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Barrett, Harold J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Strain.)
- Du Pont, E. I., de Nemours & Company. (See Batchelder, George W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Beard, Earl E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Belcher, Clarence F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Berchet, Gerard J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Berliner, Julius F. T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Berliner, J. F. T., and Sly, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Biswell, C. B., and Wirth, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bolter, Ernest R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bolton, Elmer K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Booge, James E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bousquet, Euclid W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bousquet, E. W., Graves, and Salzberg, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bousquet, E. W., and Salzberg, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bowlus, Harold G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bradley, John J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bradshaw, Hamilton, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brandenberger, Jacques E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brant, Gilbert W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bren, Bozotech C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brill, J. L., and Plummer.)
- Du Pont, E. I., de Nemours & Company. (See Brown, Charles N., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brown, Marshall H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brubaker, Merlin M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brubaker, M. M., and Hubbach, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bull, Benton A., assignor.)
- Du Pont, E. I., de Nemours & Co. (See Bullitt, J. B., Jr., and Edgar, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., and Filbert, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., Filbert, and Reid, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., and Noddin, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Butler, K. H., Gagnon, and Prince, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Calcott, William S., assignor.)



- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Downing, and Powers, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Campbell, D. J., and London, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Carl, Fred, assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Carothers, Wallace H., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., and Berchet, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., and Dykstra, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Carter, Albert S., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Cass, Oliver W., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Castner, J. B., and Kirst, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Castner, J. B., and Knake, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Castner, J. B., and Peterson, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Catlin, Willard E., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Chambers, A. D., and Sachs, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Charch, W. H., Brubaker, and Meigs, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Charch, W. H., and Maney, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Chylinski, Stanislas, assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Clark, Percy M., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Clarkson, R. G., and Wolff, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Clewell, John H., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Cochran, P. B., and Hucks, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Coffelt, Oscar T., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Collins, Arnold M., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Conaway, Rollin F., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Craigie, Norman A., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Cupery, Martin E., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., Bigelow, and Zwilmeyer, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Detrick, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Friedrich, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Zwilmeyer, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., Zwilmeyer, Bigelow, and Deese.)  
 Du Pont, E. I., de Nemours & Company. (See D'Alello, G. F., and Reid, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Dales, B., and Downing, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Daudt, Herbert W., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Daudt, H. W., and Woodward, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Dawson, D. H., Krehma and McKinney, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Deinet, Joseph, assignor.)  
 Du Pont, E. I., de Nemours & Company. (See de Ropp, Harold W., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Dietrich, Melvin A., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Dinwiddie, Joseph G., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Dittmar, Harry R., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Donaldson, Alfred S., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Dorough, George L., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Dorough, G. L., and Graves, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Johnson, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Pedersen, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Drew, Donald E., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Dykstra, Harry B., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Edgar, Donald E., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Eickhoff, T. H., and Arndt, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Elley, H. W., and Walker, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Ellsworth, Deane C., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Elston, Arthur A., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Engelmann, Max, assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Ensminger, George R., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Etzel-miller, Robert E., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Evans, David F., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Fields, Charles M., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Fields, Charles M. and R. T., assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Fields, Reuben T., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Filbert, William F., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Filbert, W. F., and Lawson, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Finzel, T. G., and Drew, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Fluharty, James W., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Fox, Arthur L., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Freund, Henry H., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Gilbert, Harvey N., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Gilbert, H. N., and Clare, assignors.)  
 Du Pont, E. I., de Nemours & Co. (See Gilbert, H. N., and Wernert, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Gillson, J. L., and Mentzer, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Gladding, E. K., and Adams, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Glenning, Clifford V., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Grace, W. T., and Ristau, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Graham, Donald F., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Graves, G. D., and Thomas, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Greenewalt, C. H., and Rigby, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Greenewalt, Crawford H., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Griggs, Ernest L., Jr., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Haag, Ivan L., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Hager, Charles R., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Hall, C. B., and McBurney, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Hall, C. B., McBurney, and Nollan, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Hall, D. C., and Steinbring, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Hanahan, M. L., and Prince, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Handforth, S. L., and Simon, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Hannum, C. W., and Rossander, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Hardy, Isaac A., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Hardy, Vernal R., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Harmon, Edward F., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Harmon, Jesse, assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Haskins, J. F., and Maxwell, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Haskins, Joseph F., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Hauff, T. W., and Kirst, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Haught, John W., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Havas, Emeric, assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Hawkinson, Alfred T., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Benner, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Etzel, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Parmelee, assignors.)  
 Du Pont, E. I., de Nemours & Company. (See Herrmann, Carl V., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Hershberger, Albert, assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Hetherington, Harry C., assignor.)  
 Du Pont, E. I., de Nemours & Company. (See Heyn, Walther, assignor.)



- Du Pont, E. I., de Nemours & Company. (See Higgins, Dale G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hill, J. W., and Jacobson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hinegardner, Wilbie S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hinze, Albert, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Holt, Donald A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Holt, Harold S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Holt, L. C., and Etzel, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hopkins, Horace H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Horning, Samuel C., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Hoskins, Harry J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Howell, Edward T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hucks, Robert T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hucks, R. T., and Maher, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hulse, Robert E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hunt, J. K., and Latham, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hunt, J. K., and Shipp, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Hunter, Archibald S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Hyden, W. L., and Fonda, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Izard, Emmette F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Jacobson, Ralph A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Johnson, A. J., and Strouse, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Johnson, Norman G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Jordan, H., and Rossander, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Kahn, Julius, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Karns, George M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kepfer, Raymond J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kerr, Charles P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kirst, William E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Klein, D. X., and Lee, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Knapp, Paul, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kojevnikoff, Nikolai N., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Krchma, Ignace J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kreimeler, Oscar R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kreimeler, O. R., and Maxwell, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Larson, Alfred T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Larson, Louis L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Latham, George H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lazler, Wilbur A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lazler, W. A., and Vaughn, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lee, H. R., and Klein, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Legendre, Ernest, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lenher, S., and Arnold, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lenher, S., and Gillson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lenher, Samuel, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Levin, Harry H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Levine, A. A., and Cass, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Levine, Arthur A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Levine, A. A., and Cass, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lewis, E. V., and Brainard, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lewis, H. A., and Wilson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lewis, H. A., and Woodbury, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Loder, Donald J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lulek, R. N., and Beard, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lulek, R. N., and Belcher, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lulek, Ralph N., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lycan, William H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Macallum, Alexander D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Macht, Maurice L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Macht, M. L., and Fletcher, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Macht, M. L., and Randolph, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Magill, Paul L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Magill, P. L., and Dangelmajer, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Magill, P. L. F., and Dangelmajer, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Marks, Barnard M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Martone, Thomas A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Marvel, Carl S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Maxwell, Robert W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See McAlevy, Ambrose, assignor.)
- Du Pont, E. I., de Nemours & Company. (See McCall, Francis J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See McGay, J. B., and Nicholson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See McKee, Edward R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See McKenna, William R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See McVay, Willard S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Meigs, Frederick M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Mertes, Albert T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Milas, Nicholas A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Miles, John B., Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Millington, Paul E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Monroe, Karl W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Morgan, Russell, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Moriarty, John J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Murphy, A. R., and Kvalnes, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Neal, Arthur M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nichols, James B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nicoll, William D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nieuwland, J. A., and Sowa, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Nieuwland, J. A., Hennion, and Killian, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Noddin, George A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nollau, E. H., and Rankin, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Oplinger, Floyd F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Paggi, Louis, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pardee, Fred W., Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Parker, Harold H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Parker, H. H., and Standley, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Patterson, Gordon D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Paulson, Paul M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Paulson, P. M., and Chambers, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Picard, R., and Orliol, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Pickens, John D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pitman, Earle C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Ramsdell, Robert A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Reed, James K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., Campbell, Hinegardner, and London, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., and McAllister, assignors.)



- Du Pont, E. I., de Nemours & Company. (See Ressler, Ivan L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rigby, George W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rintelman, William L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Robinson, Paul, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rossander, Swanie S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rothrock, Henry S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Russell, Peyton R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Salzberg, Paul L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schmidt, James C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schreiber, Richard S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schultz, Raymond F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schulze, John F. W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Scott, Norman D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Scott, N. D., and Hansley.)
- Du Pont, E. I., de Nemours & Company. (See Scott, N. D., and Walker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Siegel, Alfred, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sly, Caryl, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Snyder, James E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Stallmann, Otto, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Stecher, Joseph L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Strain, Daniel E., assignor.)
- Du Pont, E. I., de Nemours & Co. (See Stumpp, Anthony S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sullivan, David J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Tanner, Walton B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Tapley, Ralph A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Thomas, Raymond E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Thompson, Theodore R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Tinker, J. M., Spiegler, and Klein, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Tisdale, W. H., and Flenner, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Ubben, Richard T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Vaughen, John V., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Vautier, L. P. G., and Fays, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Walker, Joseph F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Walker, J. F., and Turnbull, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Ware, Virgil W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Watkins, William W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Werntz, James H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Weygandt, Arthur S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Whelen, Myron S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wilder, George H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Williams, Ira, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., Douglass, and Neal, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., and Mayo, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., and Neal, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., and Smith, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., and Sturgis, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, Ki, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Williams, R. V., and McKee, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, Roger, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wilson, Ellsworth M., assignor.)
- Du Pont, E. I., de Nemours & Co. (See Winslow, Seth L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wirth, Walter V., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Woodbridge, Richard G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Woodbury, Clifford A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Woodhouse, John C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wortz, Charles G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wrightsman, Philip G., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Lulek, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Young, James H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Zeisberg, Fred C., assignor.)
- Du Pont Film Manufacturing Corporation. (See Baldsiefen, Walter D., assignor.)
- Du Pont Film Manufacturing Corporation. (See Baldsiefen, W. D., and Weber, assignors.)
- Du Pont Film Manufacturing Corp. (See Conklin, Oliver E., assignor.)
- Du Pont Film Manufacturing Corporation. (See Ginman, Alvar T., assignor.)
- Du Pont Film Manufacturing Corporation. (See Marasco, Martin, assignor.)
- Du Pont Film Manufacturing Corporation. (See Marasco, M., and Middleton, assignors.)
- Du Pont Film Manufacturing Corporation. (See Middleton, E. B., and Jennings, assignors.)
- Du Pont Film Manufacturing Corporation. (See Rulon, Joseph K., assignor.)
- Du Pont, Mark S., Darby, assignor to Kellett Autogiro Corporation, Philadelphia, Pa. Aerial banner. Re. 20,840; Aug. 30.
- Du Pras, Louis. (See Sleeper, S. C., and Du Pras.)
- Dupre, Valentine H. (See Cherry, G. L., and Dupre.)
- Dupré, Valentine H., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing composite metal. 2,119,668; June 7.
- Dupuis, Noël, Seattle, Wash. Spring lock bolt. 2,138,843; Dec. 6.
- Dupuy, Henri, Paris, France. Combustion apparatus. 2,113,831; Apr. 12.
- Dupuy, Pierre, and J. Mercier, Paris, France. Suspension for vehicles. 2,115,158; Apr. 26.
- Dupuy, Pierre, and J. Mercier, Paris, France. Suspension for vehicles. 2,115,159; Apr. 26.
- Dür, Ernst, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Sulphurous dyestuffs and making same. 2,141,177; Dec. 27.
- Dür, Ernst, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Hydroxyphenyl-amino-anthracene and making same. 2,141,687; Dec. 27.
- Dura Company. (See Floraday, Burton S., assignor.)
- Durable Materials Patent Corporation. (See Brice, Bryan F., and P. E., assignors.)
- Duraj, Stanley, Russelton, Pa. Plate lifter. 2,106,391; Jan. 25.
- Durand, Albert J. M. J., Montargis, France. Frame for agricultural machines and mowing machines comprising this frame. 2,128,082; Aug. 23.
- Durand & Huguenin S. A. (See Gubler, Emil, assignor.)
- Durand & Huguenin S. A. (See Müller, M., and Ratti, assignors.)
- Durand & Huguenin S. A. (See Peyer, Eduard, assignor.)
- Durand & Huguenin S. A. (See Ratti, Roger, assignor.)
- Durand, Lee M., Monterey, Calif. Can draining means. 2,113,268; Apr. 5.
- Durant, Albert A., Honolulu, Hawaii. Centering device. 2,129,680; Sept. 13.
- Durant Manufacturing Company. (See Hennessy, Mark M., assignor.)
- Durbin, Malcolm C., Jamaica, N. Y. Forming shapes from sheet metal. 2,118,499; May 24.
- Durbin, Vernon, Newton, assignor to The Holtzer-Cabot Electric Company, Boston, Mass. Fire detecting device. 2,113,296; Apr. 5.
- Durex Products, Incorporated. (See Troeller, Grace E., assignor.)
- Durex Products, Incorporated. (See Wahlberg, Frank, assignor.)
- Durfee, Thomas. (See Aiken, C. B., and Durfee.)
- Durfee, Walter C., Boston, assignor to American Association of Textile Chemists and Colorists, Inc., Lowell, Mass. Sample rubbing machine. 2,114,831; Apr. 19.
- Durgen, Leo, San Francisco, Calif. Filter. 2,134,967; Nov. 1.
- Durham Duplex Razor Company. (See Drew, John E., assignor.)
- Durham, Hobart N., Munsey Park, N. Y., assignor to Vaco Products, Inc. Gear shifter. 2,109,615; Mar. 1.
- Durham, Hobart N., Munsey Park, Manhasset, N. Y., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,112,078; Mar. 22.
- Durham, Hobart N., Munsey Park, assignor to Eugene, Ltd., New York, N. Y. Permanent waving apparatus. 2,114,917; Apr. 19.
- Durham, Hobart N., Munsey Park, N. Y., assignor to Vaco Products, Inc. Power actuated clutch mechanism for automotive vehicles. 2,136,542; Nov. 15.
- Durham, Hobart N., Manhasset, N. Y., assignor, by mesne assignments, to Vaco Products, Inc. Vacuum-operated gear shifting device. 2,115,097; Apr. 26.



- Durham, Hobart N., Munsey Park, N. Y., and G. B. Finnegan, Jr., Mountain Lakes, N. J., assignors to Eugene, Ltd., New York, N. Y. Permanent waving device. 2,118,177; May 24.
- Durham, Hobart N., and K. E. Canfield, Munsey Park, N. Y., assignors to Detroit Compensating Axle Corporation, Detroit, Mich. Dual-wheel assembly. 2,135,568; Nov. 8.
- Durham, Kenneth P., Seattle, Wash. Vortical muffling device. 2,139,736; Dec. 13.
- Durio, Fausto. (See Gassó, T., and Durio.)
- Duriron Company, The. (See Parsons, James A., Jr., assignor.)
- Durite Plastics, Incorporated. (See Novotny, Emil E., assignor.)
- Durkee-Atwood Company. (See Atwood, Edward P., assignor.)
- Durkee, James D., Bartlesville, Okla., and E. H. Yonkers, Chicago, Ill., assignors to Phillips Petroleum Company, Bartlesville, Okla. Mechanical oscillator. 2,110,144; Mar. 8.
- Durkee, James D., Bartlesville, Okla., and E. H. Yonkers, Chicago, Ill., assignors to Phillips Petroleum Company, Bartlesville, Okla. Modulation system. 2,118,040; May 24.
- Dürkoppwerke Aktiengesellschaft. (See Pudelko, Hermann, assignor.)
- Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Tobacco stemming and threshing machine. 2,130,880; Sept. 20.
- Durno, George W., Pittsburgh, Pa. Service cock key and curb box cleaner. 2,122,340; June 28.
- Durocher, Grace D., assignor to Forest City Manufacturing Company, St. Louis, Mo. Wrap-around dress. 2,129,830; Sept. 13.
- Dur-O-Lite Pencil Company. (See Lynn, John P., assignor.)
- Duro Metal Products Company. (See Hedgpeth, Theron L., assignor.)
- Duro-Ray Limited. (See Barnes, Albert M., assignor.)
- Dürr, Fritz, Berlin-Friedenau, Germany. Dust aspirator. 2,120,397; June 14.
- Durst, Irving F. (See Begun, S. J., Durst, and Barnett.)
- Durst, Irving F., Great Neck, S. J. Begun, and H. Barnett, assignors, by mesne assignments, to C. Tucker, New York, N. Y. Public address system. 2,139,006; Dec. 6.
- Durup, Paul H., Wollaston, assignor to Art-O-Graphic Printing Company, Inc., Boston, Mass. Feeding mechanism for offset printing machines. 2,138,343; Nov. 29.
- Duryea, O. C., Corporation. (See Duryea, Otho C., assignor.)
- Duryea, O. C., Corporation. (See Simonson, Sigvard, assignor.)
- Duryea, Otho C., Waterbury, Conn. Cushioning device for railroad cars. 2,141,521; Dec. 27.
- Duryea, Otho C., Waterbury, Conn. Cushioning device for railroad cars. 2,141,522; Dec. 27.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,543; Sept. 6.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,544; Sept. 6.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,545; Sept. 6.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,546; Sept. 6.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,547; Sept. 6.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,548; Sept. 6.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,549; Sept. 6.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,550; Sept. 6.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,129,551; Sept. 6.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, New York, N. Y. Car body bolster. 2,132,232; Oct. 4.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, New York, N. Y. Cast railway car body bolster. 2,132,233; Oct. 4.
- Du Sang, Virgil L., Kokomo, Ind. Hub cap and dust cap puller. 2,108,197; Feb. 15.
- Dusenbury, Ward A., Sr., Highland Park, Mich. Fountain pen. 2,128,456; Aug. 30.
- Duskey, Wade E., Parkersburg, W. Va., assignor to United States Quarry Tile Company, Canton, Ohio. Ceramic manufacture. 2,132,257; Oct. 4.
- Duskin, Morris L., and H. L. Magill, Chicago, Ill. Venetian blind structure. 2,110,040; Mar. 1.
- Dusseault, Albert W. (See Gillette, W. L., and Dusseault.)
- Dussek, Albert E. H., Bromley, England. Composite surfacing material. 2,138,734; Nov. 20.
- Dussel, Cornelis J., assignor, by mesne assignments, of one-half to C. A. Jelier, The Hague, Netherlands. Calculating device. 2,117,155; May 10.
- Dutch, Emery, Bronx, N. Y. Extending pipe lines under pressure. 2,118,376; May 24.
- Duttera, William S., Lynbrook, N. Y., assignor to Radio Corporation of America. Antenna. 2,118,429; May 24.
- Duttera, William S., Lynbrook, N. Y., assignor to Radio Corporation of America. Insulating arrangement for antennas. 2,126,543; Aug. 9.
- Dutton, James E. (See Paden, Alonzo E., assignor.)
- Dutton, John C. (See Spencer, S. B., and Dutton.)
- Du Vall, Russell B. (See Grether, E. F., and Du Vall.)
- Du Vall, Russell B. (See Grether, E. F., Shawver, and Du Vall.)
- Duvall, Myrtle M. B. (See Duvall, Stanley A., assignor.)
- Duvall, Stanley A., Edinburg, Tex., assignor of one-half to L. V. Ruffin, Louisville, Ky. Iron stand. 2,112,336; Mar. 29.
- Duvall, Stanley A., assignor to M. M. B. Duvall, Edinburg, Tex. Connecting plug and cord. 2,140,490; Dec. 20.
- Duvall, William A., Cleveland, Ohio, and C. A. Van Derveer, Michigan City, Ind., assignors, by mesne assignments, to S. Karpen & Bros. Adjustable back chair. 2,124,367; July 19.
- Duzzel Corporation. (See Palmer, Paul C., assignor.)
- Dvorak, Myrtle C., Cicero, Ill. Crayon holder and protector. 2,134,863; Nov. 1.
- Dvorak, Wencil C., Dodge, Nebr. Paste tube. 2,134,910; Nov. 1.
- Dwight, Edmund F., Portsmouth, N. H. Cable-gripper. 2,120,066; June 7.
- Dwight & Lloyd Sintering Company. (See Hyde, Reed W., assignor.)
- Dwight & Lloyd Sintering Company et al. (See Hyde, R. W., and Cromwell, assignors.)
- Dwight & Lloyd Sintering Company, Inc. (See Lloyd, R. L., and Hyde, assignors.)
- Dwight, Russell S., Cincinnati, assignor to The Stearns & Foster Company, Lockland, Ohio. Cotton batting. 2,119,129; May 31.
- Dwork, Max, Brooklyn, N. Y. Jacking attachment. 2,128,806; Aug. 30.
- Dwyer, James E., assignor to E. Fredericks, Inc., New York, N. Y. Permanent wave clip. 2,139,737; Dec. 13.
- Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,115,064; Apr. 26.
- Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,119,574; June 7.
- Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,139,007; Dec. 6.
- Dybvig, Henry G., assignor to John Q. Sherman, Dayton, Ohio. Pin feeding device. 2,112,833; Apr. 5.
- Dybvig, Henry G., assignor to J. Q. Sherman, Dayton, Ohio. Pinwheel feeding device. 2,113,579; Apr. 12.
- Dybvig, Henry G., assignor to J. Q. Sherman, Dayton, Ohio. Pinwheel feed. 2,128,924; Sept. 6.
- Dybvig, Henry G., assignor to H. W. Moore, Dayton, Ohio. Balancing machine. 2,130,122; Sept. 13.
- Dye, Glen M., Minneapolis, Minn. Apparatus for developing films. 2,124,106; July 19.
- Dye, Glen M., Minneapolis, Minn. Method and apparatus for drying prints. 2,137,480; Nov. 22.
- Dyer, Harold L., and O. J. W. Hedlund, Battle Creek, Mich., assignors, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Machine tool. 2,110,931; Mar. 15.
- Dyer, John B., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine control apparatus. 2,105,643; Jan. 18.
- Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Vacuum cleaner. 2,128,525; Aug. 30.
- Dyer, John B., Pendleton, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starter. 2,141,178; Dec. 27.
- Dyer, John B., Pendleton, and W. E. Brown, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Starter control system. 2,105,723; Jan. 18.
- Dyer, Joseph G., assignor to Continental Oil Company, Ponca City, Okla. Perforating casings in wells. 2,117,277; May 17.
- Dyer, Joseph W. W. (See Stevens, H. P., and Dyer.)
- Dyer, Lloyd W., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,109,211; Feb. 22.
- Dyer, Lloyd W., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reclosing device for circuit breakers. 2,140,352; Dec. 13.
- Dyer, Lloyd W., Swissvale, and G. D. Camel, Wilkensburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,130,840; Sept. 20.
- Dyer, Newell V., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Roughing machine. 2,128,768; Aug. 30.
- Dyer, Robert E. (See Cunningham, A., and Dyer.)
- Dyke, Henry V., Auckland, New Zealand. Belt dressing for machinery or like. 2,119,457; May 31.
- Dykeman, Wilbur S. (See Oftedal, M. S., and Dykeman.)



- Dykes, John L. G., assignor of one-half to J. B. Allen, Chicago, Ill. Dressing room forming structure. 2,122,681; July 5.
- Dyksterhuis, Albert. (See Rust, J., and Dyksterhuis.)
- Dykstra, Harry B. (See Carothers, W. H., and Dykstra.)
- Dykstra, Harry B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation products of acetylenic compounds. 2,119,531; June 7.
- Dykstra, Harry B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of chlorobutenes. 2,123,504; July 12.
- Dykstra, Marinus, White Plains, assignor, by mesne assignments, to Electric Furnace-Man, Inc., New York, N. Y. Conveyor apparatus. 2,125,898; Aug. 9.
- Dykstra, Nicholas. (See Behling, G. J., and Dykstra.)
- Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Breathing apparatus. 2,108,256; Feb. 15.
- Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Headgear. 2,115,065; Apr. 26.
- Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Protective headgear. 2,123,275; July 12.
- Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Protective headgear. 2,136,678; Nov. 15.
- Dymock, John B. (See Joshua, W. P., Stanley, and Dymock.)
- Dysart, Arthur S., Farmington, Conn. Eraser holder. 2,129,831; Sept. 13.
- Dysart, William L., and R. J. Newlin, Louisville, Ky. Target apparatus. 2,140,671; Dec. 20.
- Dyson, George M., Cheadle Hulme, and A. Renshaw, Manchester, England, assignors to Parke, Davis & Company, Detroit, Mich. Ureido N-diaryl dicarboxylic acid halides. 2,126,180; Aug. 9.
- Dyson, Horace R., Oaklyn, N. J., assignor to Radio Corporation of America. Keying system. 2,113,371; Apr. 5.
- Dyson, Louis M., assignor to The American Hardware Corporation, New Britain, Conn. Door fastening. 2,115,680; Apr. 26.
- Dziedzic, Nicholas J. (See McKee, H. H., and Dziedzic.)
- Dziedzic, Nicholas J., assignor to Industrial Patents Corporation, Chicago, Ill. Fluid injection means. 2,110,263; Mar. 8.
- Dziembowski, Felix J., Peconic, N. Y. Bottle opener. 2,116,306; May 3.
- Dziemczyk, Emanuel, Breslau-Goldschmieden, Germany. Rosin for violin bows, etc. 2,109,416; Feb. 22.
- Dzukalo, Leo, Badaxe, Mich. Window lock. 2,106,116; Jan. 18.
- Dzus, William, West Islip, N. Y. Milling mechanism. 2,109,969; Mar. 1.
- E. A. Laboratories, Inc. (See Meyerhoefer, Carl E., assignor.)
- E. and B., The. (See Behnke, Everett E. H., assignor.)
- Eaddy, Ernest J., Spartanburg, S. C. Cleaning textile machinery. Re. 20,917; Nov. 15.
- Eaddy, Ernest J., Spartanburg, S. C. Cleaning apparatus for textile machinery. 2,120,888; June 14.
- Eaddy, Ernest J., Spartanburg, S. C. Cleaning hood for textile machinery. 2,125,774; Aug. 2.
- Eaddy, Ernest J., Spartanburg, S. C. Windshield cleaning device. 2,126,624; Aug. 9.
- Eaddy, Ernest J., Spartanburg, S. C. Cleaning textile machinery. 2,140,420; Dec. 13.
- Eades, John A., assignor to Read Machinery Company, Incorporated, York, Pa. Hopper discharge apparatus. 2,105,589; Jan. 18.
- Eadie, John R., Jarvis, Ontario, Canada. Portable motor knife grinder. 2,109,107; Feb. 22.
- Eager, Wesley W., Venice, Calif. Ventilation control. 2,115,330; Apr. 26.
- Eagle Foundry Company. (See Klemme, Maurice G., assignor.)
- Eagle Lock Co. (See Malley, Vincent E., assignor.)
- Eagle Pencil Company. (See Chesler, Isidor, assignor.)
- Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
- Eagle Pencil Company. (See Meilner, Joseph, assignor.)
- Eagle-Picher Lead Company, The. (See de Horvath, Z., and Paris, assignors.)
- Eagle-Picher Lead Company, The. (See Harner, H. R., Schultz, and Ritchie, assignors.)
- Eagle-Picher Lead Company, The. (See Kershaw, John C., assignor.)
- Eagle-Picher Lead Company, The. (See O'Harra, B. M., and Hallows, assignors.)
- Eagle-Picher Lead Company, The. (See Schaeffer, J. A., and Harner, assignors.)
- Eagle Signal Corporation. (See Freeberg, Ernest R., assignor.)
- Eagle Signal Corporation. (See Schulenburg, Edward J., assignor.)
- Eagle Signal Corporation. (See Turner, H. I., and Anderson, assignors.)
- Eagle Straw Corporation. (See Schoen, H., and Pletcher, assignors.)
- Eaglesfield, Philip. (See Auden, H. A., and Eaglesfield.)
- Eaglesfield, Philip. (See Auden, H. A., Staudinger, and Eaglesfield.)
- Eaheart, Joseph C., Richmond, Va. Brake equalizing device. 2,113,342; Apr. 5.
- Eaker, Sidney C., and E. E. Grover, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,108,478; Feb. 15.
- Eames, Edward H., Old Greenwich, assignor to The Engineering and Research Corporation, New Haven, Conn. Traffic control system and apparatus. 2,122,410; July 5.
- Eames, Edward H., Old Greenwich, Conn., assignor to Automatic Signal Corporation, New York, N. Y. Traffic control system and apparatus. 2,122,411; July 5.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,104,478; Jan. 4.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Signal system for elevators. 2,105,073; Jan. 11.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,106,833; Feb. 1.
- Eames, William F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tube rectifier voltage supply. 2,112,080; Mar. 22.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Motor control system. 2,121,588; June 21.
- Eames, William F., Pittsburgh, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Electric control system. 2,112,079; Mar. 22.
- Eames, William F., Pittsburgh, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Control system. 2,117,875; May 17.
- Eames, William F., Pittsburgh, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator dispatching system. 2,121,587; June 21.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Generator demagnetizing connection. 2,140,353; Dec. 13.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Electrical control system. 2,140,354; Dec. 13.
- Earle, James T., Cincinnati, Ohio. Carriage or trucking device. 2,113,174; Apr. 5.
- Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Fuse link construction. 2,104,899; Jan. 11.
- Earle, Theodore. (See Fischer, O., Earle, and Haffey.)
- Earle, Theodore, Pacific Palisades, Calif. Treating ores. 2,106,887; Feb. 1.
- Earle, Theodore, Pacific Palisades, Calif. Separatory flotation method. 2,106,888; Feb. 1.
- Earle, Theodore, Denver, Colo. Paper stock deinking method. 2,116,511; May 10.
- Earle, Theodore, Los Angeles, Calif. Cotton separating and recovering method. 2,122,607; July 5.
- Earles, George W. (See Cowden, Henry C., assignor.)
- Earling, Roy, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Detector mechanism for crown cap assembling machines. 2,108,257; Feb. 15.
- Earl, Charles I., York, Pa. Bracket. 2,126,953; Aug. 16.
- Earl, Charles I., deceased; M. M. Lambert, administratrix, assignor to Charles I. Earl Company, Inc., York, Pa. Trolley retriever. 2,131,223; Sept. 27.
- Early Foundry Company, The. (See Bennett, Wilbur, assignor.)
- Earnshaw Knitting Company. (See Le Coney, Joseph H., assignor.)
- Earp, Charles W., Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Radio system. 2,140,130; Dec. 13.
- Easling, Newton P., Pekin, Ill. Insectproof paper. 2,129,659; Sept. 13.
- Easling, Newton P., Pekin, Ill. Termite repellent. 2,139,225; Dec. 6.
- Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Power take-off mechanism. 2,111,847; Mar. 22.
- Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Clutch mechanism. 2,116,739; May 10.
- Eason, Clarence M., Waukesha, Wis., assignor to Industrial Clutch Company, Clutch. 2,116,740; May 10.
- Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Clutch mechanism. 2,121,075; June 21.
- Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Clutch. 2,126,760; Aug. 16.
- Eason, Clarence M., Waukesha, Wis., assignor to Industrial Clutch Company. Forming cone clutch members. 2,127,720; Aug. 23.
- Eason & Therolf Tool Company. (See Therolf, Harold L., assignor.)
- East, Claude V., Milwaukee, Wis. Tree decorating appliance. 2,126,457; Aug. 9.
- Eastburg, Clifford L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Truck. 2,114,976; Apr. 19.
- Eastburn, Samuel L., Sloatsburg, assignor, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Switch stand. 2,124,190; July 19.
- Easter, George J. (See Benner, R. C., and Easter.)
- Eastern Clay Products, Inc. (See Dunbeck, Norman J., assignor.)



- Eastern Illinois Clay Company. (See Van Antwerp, Arthur C., assignor.)
- Eastern Malleable Iron Company, The. (See Hennicke, Carl R., assignor.)
- Eastern Manufacturing Company. (See Lee, George P., assignor.)
- Eastern Refractories Company. (See Vanderpool, J. W., and Fiscus, assignors.)
- Eastern Tool & Mfg. Co. (See Anderson, Carl E., assignor.)
- Eastern Tool & Mfg. Co. (See Montan, A., and Anderson, assignors.)
- Eastes, John W. (See Bruson, H. A., and Eastes.)
- Eastham, Ward, Argillite, Ky. Artificial foot. 2,130,271; Sept. 13.
- Eastin, Rollie R., assignor of five per cent to J. C. and L. Castator, ten per cent to W. Burns, ten per cent to R. A. Gray, Jr., ten per cent to W. Burns, and fourteen per cent to R. Smith, Port Huron, Mich. Transmission mechanism. 2,118,178; May 24.
- Eastley, Mona V., Los Angeles, Calif., assignor to C. A. Mureau, Omaha, Nebr. Lip rouge applicator. 2,129,051; Sept. 6.
- Eastman, Charles E., Des Moines, Iowa. Window. 2,128,405; Aug. 30.
- Eastman, Du Bois, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Manufacture of carbon dioxide ice. 2,138,758; Nov. 29.
- Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoes. 2,111,617; Mar. 22.
- Eastman, Harold B., Philadelphia, Pa. Safety cover for match books. 2,105,141; Jan. 11.
- Eastman, Ivan L., assignor to The Aro Equipment Corporation, Bryan, Ohio. Lubricant gun set. 2,124,138; July 19.
- Eastman Kodak Company. (See Albrecht, H. F., and Branch, assignors.)
- Eastman Kodak Company. (See Babcock, George S., assignor.)
- Eastman Kodak Company. (See Bean, Frederic R., assignor.)
- Eastman Kodak Company. (See Beilenson, Bernard, assignor.)
- Eastman Kodak Company. (See Brooker, L. G. S., and Keyes, assignors.)
- Eastman Kodak Company. (See Brooker, L. G. S., and Smith, assignors.)
- Eastman Kodak Company. (See Brooker, L. G. S., and Staud, assignors.)
- Eastman Kodak Company. (See Brooker, L. G. S., and White, assignors.)
- Eastman Kodak Company. (See Carroll, Burt H., assignor.)
- Eastman Kodak Company. (See Carroll, Stewart J., assignor.)
- Eastman Kodak Company. (See Clarke, H. T., and Bean, assignors.)
- Eastman Kodak Company. (See Clement, Louis E., assignor.)
- Eastman Kodak Company. (See Crouch, W. W., and Hess, assignors.)
- Eastman Kodak Company. (See Crumrine, Chester W., assignor.)
- Eastman Kodak Company. (See Darling, H. R., and Green, assignors.)
- Eastman Kodak Company. (See Darling, Harry R., assignor.)
- Eastman Kodak Company. (See Dickey, Joseph B., assignor.)
- Eastman Kodak Company. (See Dickey, J. B., and McNally, assignors.)
- Eastman Kodak Company. (See Fallesen, G. E., and Carroll, assignors.)
- Eastman Kodak Company. (See Fallesen, G. E., and Staud, assignors.)
- Eastman Kodak Company. (See Farmen, Donald R., assignor.)
- Eastman Kodak Company. (See Faw, Wendell G., assignor.)
- Eastman Kodak Company. (See Figg, Louis J., Jr., assignor.)
- Eastman Kodak Company. (See Flynn, E. P., and Roble, assignors.)
- Eastman Kodak Company. (See Fordyce, Charles R., assignor.)
- Eastman Kodak Company. (See Fordyce, C. R., and Emerson, assignors.)
- Eastman Kodak Company. (See Fordyce, C. R., and Salo, assignors.)
- Eastman Kodak Company. (See Fuller, Albert B., assignor.)
- Eastman Kodak Company. (See Gardner, Howard S., Jr.)
- Eastman Kodak Company. (See Genung, Leo B., assignor.)
- Eastman Kodak Company. (See Gordon, J. J., and Conklin, assignors.)
- Eastman Kodak Company. (See Hamer, Frances M., assignor.)
- Eastman Kodak Company. (See Hamer, F. M., and Fisher, assignors.)
- Eastman Kodak Company. (See Harmon, Herbert H., assignor.)
- Eastman Kodak Company. (See Harmon, H. H., and Green, assignors.)
- Eastman Kodak Company. (See Hickman, Kenneth C. D., assignor.)
- Eastman Kodak Company. (See Hickman, K. C. D., and Hecker, assignors.)
- Eastman Kodak Company. (See Hickman, K. C. D., Turner, and Weyerts, assignors.)
- Eastman Kodak Company. (See Holder, William H., assignor.)
- Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
- Eastman Kodak Company. (See Hughey, Carter J., assignor.)
- Eastman Kodak Company. (See Isaac, Joseph, assignor.)
- Eastman Kodak Company. (See Koszalka, Edward, Jr., assignor.)
- Eastman Kodak Company. (See Lane, G. T., and Peters, assignors.)
- Eastman Kodak Company. (See Lindenberg, Wilhelm, assignor.)
- Eastman Kodak Company. (See Lyman, D. F., and Stoiber, assignors.)
- Eastman Kodak Company. (See Malm, Carl J., assignor.)
- Eastman Kodak Company. (See Malm, C. J., and Blanchard, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Fletcher, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Fordyce, assignors.)
- Eastman Kodak Company. (See Mannes, L. D., and Godowsky, assignors.)
- Eastman Kodak Company. (See Mannes, L. D., Godowsky, and Peterson, assignors.)
- Eastman Kodak Company. (See Martin, Lawrence R., assignor.)
- Eastman Kodak Company. (See McFarlane, John W., assignor.)
- Eastman Kodak Company. (See McGrady, L. L., and Rittenhouse, assignors.)
- Eastman Kodak Company. (See McNally, J. G., and Dickey, assignors.)
- Eastman Kodak Company. (See Mees, Charles E. K., assignor.)
- Eastman Kodak Company. (See Meyer, Lester W. A., assignor.)
- Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
- Eastman Kodak Company. (See Mihalyi, J., and Green, assignors.)
- Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
- Eastman Kodak Company. (See Milhorn, Samuel G., assignor.)
- Eastman Kodak Company. (See Moomaw, Lewis H., assignor.)
- Eastman Kodak Company. (See Morse, Richard S., assignor.)
- Eastman Kodak Company. (See Morse, R. S., and Grimwood, assignors.)
- Eastman Kodak Company. (See Murray, Alexander, assignor.)
- Eastman Kodak Company. (See Nadeau, G. F., and Couch, assignors.)
- Eastman Kodak Company. (See Nadeau, G. F., and Eilers, assignors.)
- Eastman Kodak Company. (See Nadeau, G. F., and Starck, assignors.)
- Eastman Kodak Company. (See Nadeau, Gale F., assignor.)
- Eastman Kodak Company. (See Nagel, August, assignor.)
- Eastman Kodak Company. (See Nagel, Hugo, assignor.)
- Eastman Kodak Company. (See Nelson, John B., assignor.)
- Eastman Kodak Company. (See Northrop, D. E., and Burton, assignors.)
- Eastman Kodak Company. (See Parker, J. Henry S., assignor.)
- Eastman Kodak Company. (See Pool, S. C., and Plker, assignors.)
- Eastman Kodak Company. (See Reid, Marvin J., assignor.)
- Eastman Kodak Company. (See Riddell, William A., assignor.)
- Eastman Kodak Company. (See Salo, Martti, assignor.)
- Eastman Kodak Company. (See Schubert, Alvin E., assignor.)
- Eastman Kodak Company. (See Schuler, William N., assignor.)
- Eastman Kodak Company. (See Seel, Paul C., assignor.)
- Eastman Kodak Company. (See Sheppard, S. E., and Houck, assignors.)
- Eastman Kodak Company. (See Sheppard, S. E., Houck, and Lambert, assignors.)
- Eastman Kodak Company. (See Sheppard, S. E., and Vanselow, assignors.)
- Eastman Kodak Company. (See Slack, A. D., and Young, assignors.)
- Eastman Kodak Company. (See Smith, Henry B., assignor.)
- Eastman Kodak Company. (See Smith, H. B., and Swan, assignors.)
- Eastman Kodak Company. (See Staud, Cyril J., assignor.)
- Eastman Kodak Company. (See Staud, C. J., and Connelly, assignors.)



- Eastman Kodak Company. (See Stone, H. G., and Malm, assignors.)
- Eastman Kodak Company. (See Stone, Herbert G., assignor.)
- Eastman Kodak Company. (See Talbot, Ralph H., assignor.)
- Eastman Kodak Company. (See Talbot, R. H., and Gramke, assignors.)
- Eastman Kodak Company. (See Tenney, Ashton M., assignor.)
- Eastman Kodak Company. (See Tischer, Arthur O., assignor.)
- Eastman Kodak Company. (See Trahey, John C., assignor.)
- Eastman Kodak Company. (See Vittum, Paul W., assignor.)
- Eastman Kodak Company. (See Wengel, Raymond W., assignor.)
- Eastman Kodak Company. (See Wittel Otto, assignor.)
- Eastman Kodak Company. (See Wittel, O., and Martin, assignors.)
- Eastman Kodak Company. (See Wittel, O., Martin, and Smiley, assignors.)
- Eastman Kodak Company. (See Wood, Donald L., assignor.)
- Eastman Kodak Company. (See Wynd, C. L., and Groth, assignors.)
- Eastman Kodak Company. (See Young, D'Arcy A., Jr., assignor.)
- Eastman Kodak Company. (See Zelger, Georges E., assignor.)
- Eastman Oil Well Survey Company, et al. (See Hughes, J. D., and Bolton, assignors.)
- Eastman Oil Well Survey Corporation, et al. (See Hughes, J. D., and Bolton, assignors.)
- Easton, Clarence V., Coshocton, Ohio. Footwear 2,121,907; June 28.
- Eastwick, Edward P., Jr., Greenwich, Conn. Device for preventing skidding. 2,118,776; May 24.
- Eastwood-Nealley Corporation. (See Specht, H. G., and Webb, assignors.)
- Eastwood-Nealley Corporation. (See Strecker, Charles, assignor.)
- Eastwood-Nealley Corporation. (See Webb, Nelson W., assignor.)
- Eastwood, Robert A. (See Johnson, E. W., and Eastwood.)
- Easy Lift Lid Company. (See McFarland, John W., assignor.)
- Easy Washing Machine Corporation. (See Geldhof, Peter E., assignor.)
- Easy Washing Machine Corporation. (See Little, Thomas J., Jr., assignor.)
- Easy Washing Machine Corporation. (See Nelson, Jabez C., assignor.)
- Eaton Detroit Metal Company. (See Viers, E. D., and Case, assignors.)
- Eaton, Everett R., Darien, Conn., assignor to McCall Corporation, New York, N. Y. Making plates for color printing. 2,122,859; July 5.
- Eaton, Frederick M., Carson City, Nev., assignor to E. D. Bullard Company, San Francisco, Calif. Filler for gas mask canisters. 2,115,946; May 3.
- Eaton, George R., Denver, Colo. Belt buckle. 2,132,608; Oct. 11.
- Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Burner control. 2,134,550; Oct. 25.
- Eaton Manufacturing Company. (See Carlson, G. W., and Russell, assignors.)
- Eaton Manufacturing Company. (See Charlton, George, assignor.)
- Eaton Manufacturing Company. (See Daisley, Robert H., assignor.)
- Eaton Manufacturing Company. (See Dostal, Joseph L., assignors.)
- Eaton Manufacturing Company. (See Dyer, H. I., and Hedlund, assignors.)
- Eaton Manufacturing Company. (See Findley, Howard J., assignor.)
- Eaton Manufacturing Company. (See Jardine, Robert, assignor.)
- Eaton Manufacturing Company. (See Marande, Frank, assignor.)
- Eaton Manufacturing Company. (See Miller, Clarence W., assignor.)
- Eaton Manufacturing Company. (See Phillippis, Goddie F., assignor.)
- Eaton Manufacturing Company. (See Russell, Robert C., assignor.)
- Eaton Manufacturing Company. (See Schneider, George, assignor.)
- Eaton Manufacturing Company. (See Shaw, Clarence W., assignor.)
- Eaton Paper Corporation. (See Whipple, Charles R., assignor.)
- Eaton, Roland D., Cambridge, assignor of one-third to J. A. Perrault and one-tenth to C. H. Hawes, Boston, Mass.; eighty-one fifteen-hundredths to F. C. Stanton, Allston, Mass.; one-sixth to I. W. Glover, and one hundred-fiftieth to G. W. McGann, Providence, R. I.; and nine fifteen-hundredths to L. J. Logan, Marblehead, Mass. System of optically reproducing electric impulses. 2,128,631; Aug. 30.
- Eaton, Roland D., Cambridge, assignor of one-third to J. A. Perrault and one-tenth to C. H. Hawes, Boston, Mass.; ninety fifteen-hundredths to F. C. Stanton, Allston, Mass.; one-sixth to I. W. Glover, and one hundred-fiftieth to G. W. McGann, Providence, R. I. Electronic device. 2,128,632; Aug. 30.
- Eaton, Stanley, Liverpool, England. Apparatus for automatically delivering predetermined quantities of pulverulent or granular substance or material. 2,116,105; May 3.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Vehicle control mechanism. 2,112,484; Mar. 29.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Transmission control mechanism. 2,137,939; Nov. 22.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,141,688; Dec. 27.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Vehicle control mechanism. 2,141,689; Dec. 27.
- Eaton, Wilfred A., and S. Vorech, assignors to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Power operating mechanism. 2,107,110; Feb. 1.
- Eaves, William C., assignor of one-third to C. H. Fowler, New York, N. Y. Pneumatic sound reproducer. 2,141,208; Dec. 27.
- Ebbedal, Niels J. O. J., Copenhagen, Denmark. Apparatus for closing a bottle or a similar container with a capsule. 2,136,287; Nov. 8.
- Ebbighausen, Elimar, Berlin-Treptow, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving circuit. 2,112,956; Apr. 5.
- Ebel, Friedrich, Mannheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dye-stuffs of the triazoloanthraquinone series. 2,141,707; Dec. 27.
- Ebel, Lawrence C., Richmond Hill, assignor to Anaconda Wire & Cable Company, New York, N. Y. Apparatus for determining wall thickness. 2,111,210; Mar. 15.
- Ebell, Otto M., Maraisburg, assignor of one-half to Couzin & Attwood (Proprietary) Limited, Johannesburg, Transvaal Province, Union of South Africa. Rail truck. 2,124,246; July 19.
- Eberhardt, Ernst, and F. Lieseberg, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of diacetyl. 2,110,699; Mar. 8.
- Eberly, Pearl L., Denver, Colo. Massage vibrator. 2,138,815; Dec. 6.
- Eberspächer, J., G. m. b. H. (See Boysen, Friedrich, assignor.)
- Ebert, Adolph. (See Marshauss, Anthony J., assignor.)
- Ebert, Edward, Brooklyn, N. Y. Game. 2,130,123; Sept. 13.
- Ebert, Edward A. (See Popp, W. H., and Ebert.)
- Ebert, Fritz, assignor to Mauser-Werke A. G., Oberndorf-on-the-Neckar, Germany. Chain stitch zigzag sewing machine for ornamental seams. 2,115,488; Apr. 26.
- Ebert, Fritz, assignor to Mauser-Werke A. G., Oberndorf-on-the-Neckar, Germany. Sewing machine with looper thread control. 2,121,689; June 21.
- Ebert, Fritz, assignor to Mauser-Werke A. G., Oberndorf-on-the-Neckar, Germany. Differential material feeder for sewing machines of the supporting arm type. 2,134,329; Oct. 25.
- Ebert, Fritz, assignor to Mauser-Werke A. G., Oberndorf-on-the-Neckar, Germany. Throat plate for sewing machines. 2,136,288; Nov. 8.
- Ebert, Fritz, Oberndorf-on-the-Neckar, Wurttemberg, assignor to Mauser-Werke A. G., Oberndorf-on-the-Neckar, Germany. Machine for producing combined cross and covering seams. 2,140,693; Dec. 20.
- Ebert, Joseph, Westmont, N. J., assignor to The Farastan Company, Philadelphia, Pa. Salt of ortho hydroxy quinoline. 2,107,856; Feb. 8.
- Ebinger, Andreas, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electric condenser. 2,139,447; Dec. 6.
- Eblen, Bigham D. (See Wise, Robert W., assignor.)
- Ebner, Karl, Oberursel, near Frankfurt-on-the-Main, Germany, assignor to America Lurgi Corporation, New York, N. Y. Production of metallic magnesium. 2,111,661; Mar. 22.
- Ebrite, Arthur P., assignor of one-half to E. C. Koegel, Chicago, Ill. Illuminating equipment. 2,123,408; July 12.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. High voltage bushing. 2,109,368; Feb. 22.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Stop joint for fluid filled cable. 2,112,739; Mar. 29.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. High voltage bushing. 2,114,875; Apr. 19.
- Eby, Hugh H., assignor to H. H. Eby, Inc., Philadelphia, Pa. Socket. 2,127,556; Aug. 23.
- Eby, Hugh H., Inc. (See Clark, Joseph C., assignor.)
- Eby, Hugh H., Inc. (See Draving, Arthur M., assignor.)
- Eby, Hugh H., Inc. (See Eby, Hugh H., assignor.)
- Eby, Hugh H., Inc. (See Manley, Lee L., assignor.)



- Eby Inventions, Inc. (See Caldwell, Albert E., assignor.)
- Eccles, William E., assignor to The Josten Manufacturing Company, Owatonna, Minn. Making finger rings. 2,113,442; Apr. 5.
- Eccles, William E., assignor to The Josten Manufacturing Company, Owatonna, Minn. Making bimetallic finger rings. 2,133,918; Oct. 18.
- Echternach, Wilhelmina, Philadelphia, Pa. Making a dietician's implement. 2,117,876; May 17.
- Eck, Anna, executrix. (See Eck, Joseph B.)
- Eck, Frank, New York, N. Y. Racking mechanism for knitting machines. 2,133,688; Oct. 18.
- Eck, Joseph B., deceased; A. Eck, executrix, assignor to Garton Toy Company, Sheboygan, Wis. Adjustable saddle for coaster wagon boxes. 2,126,698; Aug. 16.
- Eck, Jules J. (See Behr, H. C. A., and Eck.)
- Eckardt, Emil E., Dresden, Germany. Producing a printing plate. 2,130,735; Sept. 20.
- Eckberg, Curtis R., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission regulating system. 2,115,141; Apr. 26.
- Eckelmann, Alfred. (See Thomsen, C., Eckelmann, and Koch.)
- Eckenrode, Mark, assignor of one-half to G. C. Compton, San Diego, Calif. Vehicle front wheel banking apparatus. 2,115,256; Apr. 26.
- Eckenroth, Alfred E., Denver, Colo. Valve stem. 2,122,740; July 5.
- Eckenroth, Henry L., San Francisco, assignor of one-half to L. Hanscom, Berkeley, Calif. Air register. Re. 20,778; July 5.
- Ecker, Charles, assignor of one-half to S. Marmorek, New York, N. Y. Internal combustion engine. 2,119,877; June 7.
- Eckerlin, Hermann, Frankfort-on-the-Main, Germany. Making ruled screens. 2,123,276; July 12.
- Eckermann, Leo A., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Car loading device. 2,127,587; Aug. 23.
- Eckersall, Alphonzo B., Chicago, Ill. Head support for routing machines. 2,109,263; Feb. 29.
- Eckerson, Harold I., Flushing; M. F. Finn, New York; and S. G. Margles, Brooklyn, assignors to Otis Elevator Company, New York, N. Y. Moving stairway protective device. 2,110,547; Mar. 8.
- Eckert, Buell, Fremont, assignor of one-third to C. H. Douglass and one-third to J. Stafford, Angola, Ind. Jar lifter. 2,115,015; Apr. 26.
- Eckert, Clarence K., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Process and apparatus for coating roofing. 2,111,761; Mar. 22.
- Eckert, Wilhelm, and E. Fischer, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs and preparing them. 2,128,514; Aug. 30.
- Eckert, Wilhelm, and K. Schilling, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chromable dyestuffs of the triarylmethane series and preparing them. 2,133,780; Oct. 18.
- Eckert, Wilhelm, and O. Braunsdorf, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthracene series and preparing them. 2,138,759; Nov. 29.
- Eckert, William F., Ridley Park, Pa. Gear transmission. 2,134,109; Oct. 25.
- Eckert, William F., Ridley Park, Pa. Gear shift. 2,138,148; Nov. 29.
- Eckey, Eddy W. (See Richardson, A. S., and Eckey.)
- Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Delivery mechanism for printing presses. 2,130,841; Sept. 20.
- Eckhardt, Wolfgang. (See Riche, A., Maier-Bode, and Eckhardt.)
- Eckhoff, Violet M., Warrensburg, Mo., assignor to Binney & Smith Co., New York, N. Y. Paint box. 2,107,239; Feb. 1.
- Eckl, Karl, and O. Malterer, Munich, Germany; said Malterer assignor to said Eckl. Overhead wire clamp. 2,133,660; Oct. 18.
- Eckler, Leopold, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Supporting cameras on vehicles. 2,110,292; Mar. 8.
- Eckles, James J., Washington, D. C. Vehicle body stabilizer. 2,130,792; Sept. 20.
- Ecklund, Rudolph T., and P. C. Nelson, Chicago, Ill. Abrading device. 2,140,831; Dec. 20.
- Eckman, Meril L., assignor to The American Coach & Body Company, Cleveland, Ohio. Welding apparatus. 2,122,933; July 5.
- Eckman, Meril L., assignor to American Coach and Body Company, Cleveland, Ohio. Fluid conduit. 2,134,110; Oct. 25.
- Eckrich, Henry C. and H. J. Sr., assignors to Peter Eckrich & Sons, Inc., Kalamazoo, Mich. Meat package. 2,129,832; Sept. 13.
- Eckrich, Herman J., Sr. (See Eckrich, Henry C. and H. J., Sr.)
- Eckrich, Peter, & Sons, Inc. (See Eckrich, Henry C. and H. J., Sr., assignors.)
- Eckstein, Eldore, et al. (See Tavin, E., and Haas, assignors.)
- Eclipse Aviation Corporation. (See Allen, Joseph W., assignor.)
- Eclipse Aviation Corporation. (See Baer, Howard, assignor.)
- Eclipse Aviation Corporation. (See Baer, H., and Finnegan, assignors.)
- Eclipse Aviation Corporation. (See Deschamps, D. J., and Lane, assignors.)
- Eclipse Aviation Corporation. (See Finnegan, M. J., and Baer, assignors.)
- Eclipse Aviation Corporation. (See Havill, Clinton H., assignor.)
- Eclipse Aviation Corporation. (See Lansing, Raymond P., assignor.)
- Eclipse Aviation Corporation. (See McNeil, Charles I., assignor.)
- Eclipse Aviation Corporation. (See McNeil, C. I., and Zwack, assignors.)
- Eclipse Aviation Corporation. (See Mock, Frank C., assignor.)
- Eclipse Aviation Corporation. (See Nardone, Romeo M., assignor.)
- Eclipse Aviation Corporation. (See Nowosielski, Edward B., assignor.)
- Eclipse Aviation Corporation. (See Smith, Wesley L., assignor.)
- Eclipse Aviation Corporation. (See Stein, Fred A., assignor.)
- Eclipse Aviation Corporation. (See Zwack, Raymond T., assignor.)
- Eclipse Machine Company. (See Baldwin, Everett E., assignor.)
- Eclipse Machine Company. (See Chilton, Roland, assignor.)
- Eclipse Machine Company. (See Christian, Frank T., assignor.)
- Eclipse Machine Company. (See Doman, Albert E., assignor.)
- Eclipse Machine Company. (See Ferguson, Malcolm P., assignor.)
- Eclipse Machine Company. (See Janes, Clinton S., assignor.)
- Eclipse Machine Company. (See Kearney, Daniel P., assignor.)
- Eclipse Machine Company. (See Maurer, Paul H., assignor.)
- Eclipse Machine Company. (See McGrath, William L., assignor.)
- Eclipse Machine Company. (See Sayre, Gordon B., assignor.)
- Eclipse Machine Company. (See Sekella, Youston, assignor.)
- Eclipse Machine Company. (See Whitney, Maurice P., assignor.)
- Eclipse Textile Devices, Inc. (See Mann, John V., assignor.)
- Econo Products, Inc. (See Wilson, Sidney C., assignor.)
- Economakis, George P., Asbury Park, N. J. Key container. 2,122,934; July 5.
- Economic Machinery Company. (See Carlslein, Daniel, assignor.)
- Economic Machinery Company. (See Fenner, James O., assignor.)
- Economic Machinery Company. (See Holm, Carl, assignor.)
- Economics Laboratory Inc. (See Halvorson, H. O., Bayliss, and Wilson, assignors.)
- Economics Laboratory Inc. (See Halvorson, H. O., and Wilson, and Ordal, assignors.)
- Economy Engineering Corporation, The. (See Schwarz, Alfred, assignor.)
- Economy Faucet Co. (See Picut, Frederick C., assignor.)
- Economy Forms Company. (See Jennings, William A., assignor.)
- Economy Forms Corporation. (See Jennings, William A., assignor.)
- Economy Oil Filter Company. (See Nooney, John R., assignor.)
- Eddington Metal Specialty Co. (See Czarnecki, Walter, assignor.)
- Eddington Metal Specialty Co. (See Czarnecki, Walter and W., assignors.)
- Edison, Clifford, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Manufacture of evacuated metal envelopes. 2,141,644; Dec. 27.
- Edison, Clifford, East Orange, and E. G. Widell, Bloomfield, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Carbonizing metals for radio tubes. 2,124,162; July 19.
- Edison, William B., Ardsley on Hudson, N. Y. Motion checking apparatus. 2,121,773; June 28.
- Eddy Paper Corporation, The. (See Means, J. Z., Conklin, and Conway, assignors.)
- Eddy, Robert F., Long Beach, Calif., assignor to Joe Lowe Corporation, New York, N. Y. Method of and apparatus for harvesting frozen confectionery products. 2,109,822; Mar. 1.
- Eddy, Robert F., Long Beach, Calif., assignor to Joe Lowe Corporation, Brooklyn, N. Y. Apparatus for harvesting frozen confections. 2,113,581; Apr. 12.
- Eddy, Spencer B., et al., receivers. (See Abrams, Horace M., assignor.)
- Edeby, John A., et al. (See Nilson, Harold, assignor.)
- Edele, Harry H., St. Louis, Mo. Device for holding hinged closures in open positions. 2,129,412; Sept. 6.



- Edeleanu Gesellschaft m. b. H. (See Grote, W., and Hoppe, assignors.)
- Edeleanu Gesellschaft m. b. H. (See Grote, W., Hunds-dörfer, and Moos, assignors.)
- Edeleanu Gesellschaft, m. b. H. (See Moos, J., and Ramser, assignors.)
- Edeleanu Gesellschaft, m. b. H. (See Saegbarth, Erich, assignor.)
- Edeleanu Gesellschaft m. b. H. (See Terres, E., Moos, and Ramser, assignors.)
- Edeleanu Gesellschaft, m. b. H. (See Terres, E., Moos, and Saegbarth, assignors.)
- Edeleanu Gesellschaft, m. b. H. (See Terres, E., Saegbarth, Moos, and Ramser, assignors.)
- Edelhoff, Arthur. (See Böll, K., and Edelhoff.)
- Edelmann, E., & Co. (See Peterson, Peter, assignor.)
- Eden, Alexander M., New York, N. Y. Glove. 2,118,463; May 24.
- Edenburg, Josef, Vienna, Austria. Friction wheel pocket lighter. 2,107,372; Feb. 8.
- Edenfield, Eli E., Lakeland, Fla. Citrus fruit juice extracting machine. 2,114,217; Apr. 12.
- Edenfield, Eli E., Lakeland, Fla. Citrus fruit juicing machine. 2,114,218; Apr. 12.
- Ederer, Lothar A. (See Calkins, Chauncey L., assignor.)
- Edes, Fletcher R., and F. M. Martin, Plymouth, Mass. Apparatus for conditioning engraving plates. 2,122,198; June 28.
- Edes Manufacturing Company. (See Finkeldey, William H., assignor.)
- Edgar, Donald E. (See Bullitt, J. B., Jr., and Edgar.)
- Edgar, Donald E., Philadelphia, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous coating compositions. 2,121,690; June 21.
- Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Hob and making spline couplings. 2,112,455; Mar. 29.
- Edgar, John B., Lind, Wash. Automatic control mechanism for windmill pumps. 2,134,111; Oct. 25.
- Edge, Charles N., Parsonage Point, Rye, N. Y. Sailboat. 2,106,209; Jan. 25.
- Edgeworth, William R., assignor to Rubini Cigar Company, Chicago, Ill. Game apparatus. 2,125,236; July 26.
- Edgington, Aaron D., assignor to Cheney Weeder Company, Cheney, Wash. Harvester reel. 2,115,385; Apr. 26.
- Edinger, Frederick. (See Stasinski, J., Edinger, and Thebaud.)
- Edison Electric Appliance Company. (See Walker, Forrest A., assignor.)
- Edison General Electric Appliance Company. (See Miller, Nicholas, assignor.)
- Edison General Electric Appliance Company. (See Miller, N., and Winborne, assignors.)
- Edison General Electric Appliance Company. (See Rees, Gregory L., assignor.)
- Edison General Electric Appliance Company. (See Shroyer, Jacob L., assignor.)
- Edison General Electric Appliance Company. (See Tuttle, Will R., assignor.)
- Edison General Electric Appliance Company Incorporated. (See McCormick, Francis H., assignor.)
- Edison General Electric Appliance Company, Inc. (See Winborne, Russell A., assignor.)
- Edison General Electric Appliance Corporation. (See Ettinger, Wallace J., assignor.)
- Edison, John S., assignor to Wm. P. Neil Company, Ltd., Los Angeles, Calif. Roof structure. 2,130,419; Sept. 20.
- Edison, Sylvan M., assignor to S. N. Baskin, Chicago, Ill. Corn pad. 2,123,695; Aug. 30.
- Edison, Thomas A., Incorporated. (See Brown, Thomas C., assignor.)
- Edison, Thomas A., Incorporated. (See Dunning, Orville M., assignor.)
- Edison, Thomas A., Incorporated. (See Gramann, Heinrich F. M., assignor.)
- Edison, Thomas A., Incorporated. (See Huenlich, Charles.)
- Edison, Thomas A., Incorporated. (See Huenlich, C., and Gramann, assignors.)
- Edison, Thomas A., Incorporated. (See Langley, Sam G., assignor.)
- Edison, Thomas A., Incorporated. (See Langley, S. G., Braun, and Smith, assignors.)
- Edison, Thomas A., Incorporated. (See Miller, Walter H., assignor.)
- Edison, Thomas A., Incorporated. (See Somers, Richard M., assignor.)
- Edlund, Karl R. (See Evans, T., and Edlund.)
- Edmonds, Asbury S., Ossining, N. Y. Transmission mechanism. 2,131,556; Sept. 27.
- Edmonds, Elmer C., Lindley, assignor of one-half to J. Dunning, Corning, N. Y. Warning device for indicating overheated journals. 2,114,762; Apr. 19.
- Edmonds, Garfield J., Philadelphia, Pa. Venetian awning. 2,119,856; June 7.
- Edmondson, William H., Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control mechanism. 2,127,680; Aug. 23.
- Edmondson, William H., Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric motor. 2,138,483; Nov. 29.
- Edmonston, Allie, and A. C. Duclos, Manila, Ark. Tire pressure indicator. 2,113,474; Apr. 5.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Draft and buffing gearing. 2,118,298; May 24.
- Edson, William W., Auburndale, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network protector tripping apparatus. 2,112,081; Mar. 22.
- Educational Laboratories, Inc. (See Taylor, Carl C. and J. Y., assignors.)
- Educational Laboratories, Inc. (See Taylor, Earl A., J. Y., and C. C., assignors.)
- Educational Laboratories, Inc. (See Taylor, James Y. and C. C., assignors.)
- Edwards, Arthur W., Hollinwood, England, assignor to Ferranti Electric Inc., New York, N. Y. Radio or like receiver. 2,134,913; Nov. 1.
- Edwards, Cecil R., assignor of one-half to E. C. Ayers, Lacombe, Ore. Raker gauge. 2,123,565; July 12.
- Edwards, Charles K., London, England, assignor to F. Rey, Seine et Oise, France. Loading apparatus for vehicles. 2,130,951; Sept. 20.
- Edwards, Charles L., St. Louis, Mo. Collapsible trestle. 2,136,420; Nov. 15.
- Edwards, Chester A., Louisville, Ky., assignor to Oilco Corporation, St. Louis, Mo. Apparatus for treating petroleum. 2,112,149; Mar. 22.
- Edwards, David F. (See Wells, A. A., and Edwards.)
- Edwards, David H. (See Alles, F. P., and Edwards.)
- Edwards, Donald V., Montclair, and E. K. Smith, East Orange, N. J., assignors to Electrons, Inc. of Delaware. Cathode structure. 2,111,506; Mar. 15.
- Edwards, E. H., Company. (See White, Herbert E., assignor.)
- Edwards, Edward D., Washington, D. C. Match book. 2,118,726; May 24.
- Edwards, Fred R., Sr., Detroit, Mich. Ironing board cover. 2,119,427; May 31.
- Edwards, Henry J., Dartford, assignor to Siemens Brothers & Company Limited, London, England. Automatic switch for use in telephone or like systems. 2,108,110; Feb. 15.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,111,282; Mar. 15.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,119,633; June 7.
- Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,114,977; Apr. 19.
- Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,127,211; Aug. 16.
- Edwards, Herbert E., Wellesley, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cementing machine. 2,113,684; Apr. 12.
- Edwards, Judd E., Belvidere, and W. H. Noble, Evanston, assignors, by mesne assignments, to Master Grip-O-Matic, Inc., Belvidere, Ill. Hair tensor. 2,130,538; Sept. 20.
- Edwards, Junius D., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Stabilizing coating on aluminum. 2,126,954; Aug. 16.
- Edwards, O. M., Company, The. (See Chaffee, Edward F., assignor.)
- Edwards, O. M., Company, The. (See Edwards, O. M., and Nelson, assignors.)
- Edwards, O. M., Company Inc., The. (See Axe, Roy T., assignor.)
- Edwards, O. M., Company, Inc., The. (See Chaffee, E. F. and Anderson, assignors.)
- Edwards, O. M., Company, Inc., The. (See Edwards, Oliver M., assignor.)
- Edwards, Oliver M., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window and sash construction. 2,130,297; Sept. 13.
- Edwards, Oliver M., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Knock-down window frame. 2,131,099; Sept. 27.
- Edwards, Oliver M., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Rotatable window construction. 2,136,289; Nov. 8.
- Edwards, Oliver M., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window construction. 2,138,374; Nov. 29.
- Edwards, Oliver M., Syracuse, and R. B. Nelson, Onondaga, assignors to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,116,754; May 10.
- Edwards, Paul G., Verona, N. J., assignor to American Telephone and Telegraph Company. Apparatus for converting continuous motion into interrupted motion. 2,107,373; Feb. 8.
- Edwards, Paul G., Verona, H. G. Jordan, Fanwood, and S. P. Shackleton, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable stripping tool. 2,120,398; June 14.
- Edwards, Robert S., Milton, Mass., assignor to Rumford Chemical Works, Rumford, R. I. Abrasive, polishing, and like materials. 2,115,197; Apr. 26.
- Edwards, Russell T., assignor to Union Special Machine Company, Chicago, Ill. Fabric manipulating mechanism for sewing machines. 2,108,403; Feb. 15.



- Edwards, Thomas L., Peterborough, Ontario, Canada. Milk cooler and storage cabinet. 2,119,631; June 7.
- Edwards, Vere B., Corapolis, Pa., assignor to Dravo Corporation. Fleet testing dynamometer. 2,108,433; Feb. 15.
- Edwards, Walter, Luton, England. Shotgun cartridge. 2,125,224; July 26.
- Edwards, William C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electric switch. 2,136,494; Nov. 15.
- Edwards, William F. M., assignor to Filter Tips Limited, London, England. Manufacture of cigarettes. 2,105,412; Jan. 11.
- Edwards, William H., Great Neck, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,110,932; Mar. 15.
- Edwards, William K., Big Spring, Tex. Bottom tubing plug for oil wells. 2,106,996; Feb. 1.
- Edwards, William K., Big Spring, Tex. Flow preventer for oil wells. 2,114,373; Apr. 19.
- Edwards, William N., White Deer, Tex. Hydraulic power unit. 2,110,393; Mar. 8.
- Edwards, William N., White Deer, Tex. Latch. 2,135,209; Nov. 1.
- Edwin, Emil, Oslo, Norway. Producing metals. 2,132,149; Oct. 4.
- Edy, William C., Geneva, Ohio. Printer's tool. 2,133,501; Oct. 18.
- Efeo Manufacturing Company. (See Friedman, Irving, assignor.)
- Efromson, Philip C. (See Catland, A. C., and Efromson.)
- Efromson, Philip C. (See Howard, J. H., and Efromson.)
- Efron, Alexander, assignor to Checkmaster Plan, Inc., New York, N. Y. Bookkeeping device. 2,134,112; Oct. 25.
- Efron, George, New York, N. Y. Apparatus for operating movable members. 2,122,682; July 5.
- Effront, Ivan A., Seclin, France. Apparatus for the manufacture of yeast. 2,123,463; July 12.
- Egan, Frank J., Glen Ridge, N. J. Traveling incinerator. 2,127,328; Aug. 16.
- Egan, John J., San Francisco, Calif. Control for sink outlets. 2,112,834; Apr. 5.
- Egbert, Warren. (See Kerns, F. W., and Egbert.)
- Egeberg, Birger, Meriden, Conn., and R. W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn. Nontarnish alloy. 2,108,047; Feb. 15.
- Egeberg, Birger, Meriden, Conn., and R. W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn. Alloy. 2,108,048; Feb. 15.
- Egeberg, Birger, Meriden, Conn., and R. W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn. Nontarnish alloys. 2,108,049; Feb. 15.
- Egeberg, Birger, Meriden, Conn., and R. W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn. Alloys. 2,108,050; Feb. 15.
- Egeberg, Birger, and R. W. Tindula, assignors to International Silver Company, Meriden, Conn. Nontarnish alloy. 2,108,051; Feb. 15.
- Egeberg, Birger, and N. Promisel, assignors to International Silver Company, Meriden, Conn. Electrodeposition of silver and products obtained therefrom. 2,110,792; Mar. 8.
- Egenas, Severin L., Oak Park, assignor to H. Hille, Chicago, Ill. Flush tank. 2,122,909; July 5.
- Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Pneumatic tire tread. 2,121,955; June 28.
- Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Nonskid tire. 2,121,956; June 28.
- Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Apparatus for slitting tire treads. 2,133,438; Oct. 18.
- Edge, Walter S. (See Bonney, R. D., and Edge.)
- Edgebrecht, Carl D., Bayside, N. Y. Theftproof milk bottle receptacle. 2,127,022; Aug. 16.
- egger, Walter, Pekin, Ill. Window curtain tie-back. 2,108,198; Feb. 15.
- egger, Walter F., Lakewood, assignor to The A. P. Schraner Company, Cleveland, Ohio. Lapping machine. 2,121,025; June 21.
- Eggers, Clarence C. C., assignor to one-half to C. E. Holmes, Minneapolis, Minn. Protective signal system. 2,126,316; Aug. 9.
- Eggers, Hans A., Van Wert, Ohio. Band for containers. 2,113,443; Apr. 5.
- Eggert, Floyd H., assignor to U. S. Standard Products Company, Woodworth, Wis. Antigen preparations. 2,110,208; Mar. 8.
- Eggert, Fritz. (See Kränzlein, G., Diefenbach, and Eggert.)
- Eggert, Fritz. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)
- Eggert, Johann. (See Morgenstern, S., and Eggert.)
- Eggert, John, Leipzig-Gohlis, and F. Luft, Leipzig, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for developing film in daylight. 2,108,982; Feb. 22.
- Eggert, John, Leipzig-Gohlis, and F. Well, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Engraving roller for the manufacture of lenticular film. 2,115,198; Apr. 26.
- Eggert, John, Leipzig-Gohlis and G. Heymer, Wolfen Kreis, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for projecting lenticular film. 2,124,139; July 19.
- Eggert, John, Leipzig-Gohlis, and B. Wendt, Dessau, Germany, assignors, by mesne assignments, to Agfa Anso Corporation, Binghamton, N. Y. Color photography. 2,124,612; July 26.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of lenticular prints. 2,129,205; Sept. 6.
- Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Photographic printing. 2,132,893; Oct. 11.
- Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Valve for heating apparatus. 2,105,453; Jan. 11.
- Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating apparatus. 2,125,842; Aug. 2.
- Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Apparatus for conditioning milk or other liquids. 2,126,625; Aug. 9.
- Eggleston, Lewis W., and E. J. Dillman, assignors to Detroit Lubricator Company, Detroit, Mich. Control means. 2,120,213; June 7.
- Egli, Heinrich, Emmastad, Curacao, Dutch West Indies, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,114,524; Apr. 19.
- Egloff, Gustav, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,104,418; Jan. 4.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,119,101; May 31.
- Egloff, Hans C., assignor to Sulzer Freres Societe Anonyme, Winterthur, Switzerland. Steam generating plant. 2,119,100; May 31.
- Egry Register Company, The. (See Gochoel, Urban F., assignor.)
- Egry Register Company, The. (See Pfeiffer, William C., assignor.)
- Egry Register Company, The. (See Pfeiffer, William C. and F. E., assignors.)
- Egry Register Company, The. (See Stern, Milton C., assignor.)
- Egry Register Company, The. (See Wyrick, Clayton E., assignor.)
- Egyptian Lacquer Manufacturing Company. (See Bowlby, Walter D., assignor.)
- Egyptian Lacquer Manufacturing Company, The. (See Hall, William E., assignor.)
- Egyptian Lacquer Manufacturing Company. (See Hazen, Richard K., assignor.)
- Ehbrecht, Adolf, assignor to The Aramel Corporation, New York, N. Y. Atomizer. 2,136,940; Nov. 15.
- Ehle, Virgil, Gloversville, N. Y. Water purification apparatus and method. 2,134,113; Oct. 25.
- Ehlers, Carl H., Penfield, Pa., assignor to A. W. Wheaton Brass Works, Inc., Newark, N. J. Ingress and egress vent valve. 2,138,000; Nov. 29.
- Ehlers, Carl H., Penfield, assignor to The Atlantic Refining Company, Philadelphia, Pa. Filling device. 2,115,016; Apr. 26.
- Ehlers, George M., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Making resistor elements. 2,134,752; Nov. 1.
- Ehlers, George M., assignor to Globe-Union Inc., Milwaukee, Wis. Packaging device. 2,135,134; Nov. 1.
- Ehlers, Louis F., Banning, Calif. Extracting and filtering apparatus. 2,120,860; June 14.
- Ehlers, Max F., Long Island City, N. Y. Adjustable ventilating window shade. 2,116,237; May 3.
- Ehmann, Leslie G., assignor to Electric Steel Foundry, Portland, Oreg. Shackle. 2,124,912; July 26.
- Ehmann, Ludwig. (See Ruzicka, L., and Ehmann.)
- Ehnbom, Bo K. G., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,116,998; May 10.
- Ehnts, Fred H., Lansdowne, Pa. Lubricating nozzle. Re. 20,743; May 31.
- Ehrat, Jean J., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Diesel engine. 2,127,165; Aug. 16.
- Ehrensperger, Charles, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric valve control system. 2,119,130; May 31.
- Ehret, Clement. (See Hart, F. H. M., and Ehret.)
- Ehret, Clement, White Plains, N. Y. Stove. 2,141,741; Dec. 27.
- Ehret, Clement, White Plains, N. Y. Stove. 2,141,742; Dec. 27.
- Ehret, Emil, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid translating apparatus. 2,134,077; Oct. 25.
- Ehret, Henrietta, St. Louis, Mo. Race course game. Re. 119,046; May 31.
- Ehrgott, Karl, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Two compartment fry kettle. 2,109,212; Feb. 22.



- Ehrhardt, Adolf, assignor to Triton Belco, A. G., Hamburg, Germany. Sanitary basin and the like. 2,116,015; May 3.
- Ehrhart, Gustav. (See Bockmühl, M., and Ehrhart.)
- Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, and Ruschig.)
- Ehrhorn, Walter H., San Francisco, Calif. Bathtub receptacle. 2,113,043; Apr. 5.
- Ehrich & Graetz, Aktiengesellschaft. (See Lahde, Hermann, assignor.)
- Ehrlich, Emile E., Tampa, Fla. Retriever for electric cords. 2,108,111; Feb. 15.
- Ehrlich, Jacob. (See Almen, J. O., and Ehrlich.)
- Ehrlich, Jacob, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Infinitely variable transmission. 2,132,726; Oct. 11.
- Ehrlich, Josef, Vienna, Austria. Detecting alterations of documents. 2,123,597; July 12.
- Ehrlich, Joseph C., New York, N. Y. Microprojecting apparatus. 2,133,321; Oct. 18.
- Ehrlich, Samuel D. (See Palmieri, Mario, assignor.)
- Ehrlich, William, assignor of forty-five per cent to A. J. Fihe, Chicago, Ill. Article container and stand. 2,133,607; Oct. 18.
- Elane, Halvor O., Washington Island, Wis. Grasshopper trap. 2,108,599; Feb. 15.
- Eibert, Fritz, Munich, Germany, assignor to R. Wolff, Basel, Switzerland. Escapement. 2,108,112; Feb. 15.
- Eichblatt, Otto H., Houston, Tex. Test terminal. 2,116,388; May 3.
- Eichel, Frank A., New York, N. Y. Furniture. 2,139,071; Dec. 6.
- Eichel, Frank A., assignor to T. Lamb, New York, N. Y. Car seat. 2,121,522; June 21.
- Eichelsbach, George P., Jr. (See Stockstrom, A., and Eichelsbach.)
- Eichengrün, Arthur, Charlottenburg, Germany, assignor to Celanese Corporation of America. Molding apparatus. 2,110,570; Mar. 8.
- Eichholz, William. (See Leutwiler, R. W., and Eichholz.)
- Eichholz, Willy. (See Neresheimer, H., Ruppel, and Eichholz.)
- Eichler, Armin. (See Altwegg, H., and Eichler.)
- Eichwald, Egon, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Lubricant. 2,114,525; Apr. 19.
- Eichwald, Egon, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacturing lubricating oils. 2,127,811; Aug. 23.
- Eickemeyer, Rudolf. (See Scholler, H., and Eickemeyer.)
- Eickhoff, Theodore H., and J. P. Arndt, Cleveland, Ohio, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the production of yarn packages. 2,112,827; Apr. 5.
- Eidco, Inc. (See Hokanson, Martin, assignor.)
- Eidinger, Otto, Chicago, Ill. Collar fastener. 2,114,074; Apr. 12.
- Eighmey, David T., Jamaica, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wrench device. 2,128,991; Sept. 6.
- Eilers, Louis K. (See Nadeau, G. F., and Eilers.)
- Eilertsen, Leo W., assignor to I. F. Laucks, Inc., Seattle, Wash. Construction unit. 2,107,240; Feb. 1.
- Elison, Walter G., Winchester, England. Liquid power transmission device. 2,122,169; June 28.
- Elmco Corporation, The. (See Royle, Edwin B., assignor.)
- Einbinder, Harry, Philadelphia, Pa. Display stand. 2,109,586; Mar. 1.
- Einfall, Georg, Nuremberg, Germany. Toy railway. 2,104,510; Jan. 4.
- Einfall, George, Nuremberg, Germany. Traffic-line toy. 2,106,424; Jan. 25.
- Einhorn, Nathan, Philadelphia, Pa. Guiding action for brass musical and other instruments. 2,111,967; Mar. 22.
- Elipper, William R., Dallas, assignor to Industrial Chemical Research Company, Wilkes-Barre, Pa. Modifying natural fats, oils, and waxes. 2,137,667; Nov. 22.
- Einson-Freeman Co. (See Horr, John V., assignor.)
- Einson-Freeman Co. (See Leigh, Nathan J., assignor.)
- Einson-Freeman Co. (See Leigh, Nathan J., assignor.)
- Einwaechter, Frederick H., Jr., West Haleshorpe, Md., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Pilot and coupler structure. 2,104,857; Jan. 11.
- Elipper, Daniel C. (See Hunt, W. P., and Elipper.)
- Eirich, Anna, et al. (See Eirich, Ludwig and J.)
- Eirich, Gustav, et al. (See Eirich, Ludwig and J.)
- Eirich, Johanna, et al. (See Eirich, Ludwig and J.)
- Eirich, Ludwig, et al. (See Eirich, Ludwig and J.)
- Eirich, Ludwig, deceased, by G. L. and W. Eirich, M. Hollenbach, R. J., and A. Eirich, heirs at law, and J. Eirich, Hardheim, Germany. Edge runner mixing and kneading machine. 2,110,504; Mar. 8.
- Eirich, Rosa, et al. (See Eirich, Ludwig and J.)
- Eirich, Walburga, et al. (See Eirich, Ludwig and J.)
- Eisele, Julius. (See Koerberle, K., Scholz, and Eisele.)
- Eisele, Logan, Nashville, Tenn. Hypodermic needle guard. 2,110,123; Mar. 8.
- Eisen, Jay B., Yonkers, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Strip material for use in making center spot crowns. 2,113,595; May 24.
- Eisen, Jay B., Yonkers, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Making center spot crowns. 2,129,349; Sept. 6.
- Eisen, Jay B., Yonkers, and C. H. Rasmussen, assignors to Ferdinand Gutmann & Co., Brooklyn, N. Y. Crown cap spotting machine. 2,117,711; May 17.
- Eisen- und Stahlwerk Walter Peyinhaus. (See Bary, Victor A., assignor.)
- Eisen-u. Stahlwerk Walter Peyinghaus. (See Pesarese, Fritz, assignor.)
- Eisenberg, Charles G., Jr., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Hoisting mechanism. 2,113,044; Apr. 5.
- Eisenberg, Charles G., Jr., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Hydraulic hoist. 2,120,967; June 21.
- Eisenberg, Harry, and A. J. Zolenas, Jr., Baltimore, Md.
- Eisenberg, Irwin W., Alhambra, and F. W. Falck, Hollywood, Calif. Amusement device. 2,133,165; Oct. 11.
- Liquid dentifrice. 2,124,971; July 26.
- Eisenbrand, Josef, and M. Sienz, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Molecular compounds and preparing them. 2,140,989; Dec. 20.
- Eisendrath Glove Company. (See Kuh, William H., assignor.)
- Eisendrath, Joseph L., Jr. (See Sundhauss, Herman O., assignor.)
- Eisenhand, Edward O., Denver, Colo. Flashlight attachment for cameras. 2,124,368; July 19.
- Eisenhauer, Warren F., Watertown, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Spring clip. 2,123,772; July 12.
- Eisenhauer, Warren F., Watertown, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Spring cover and applying same. 2,128,238; Aug. 30.
- Eisenhauer, Warren F., Watertown, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Lubricating springs. 2,139,738; Dec. 13.
- Eisenhut, August. (See Pier, M., and Eisenhut.)
- Eisenhut, Otto. (See von Weinberg, A., Rein, and Eisenhut.)
- Eisenman, Arthur A., Waukegan, assignor to Stewart-Warner Corporation, Chicago, Ill. Hose coupling. Re. 20,629; Jan. 18.
- Eisenman, Louis, Brooklyn, N. Y. Separable fastener or buckle. 2,125,775; Aug. 2.
- Eisenman, Louis, Brooklyn, N. Y. Eyelash curler. 2,129,755; Sept. 13.
- Eisenmann, Frederick A., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Fixed channel selecting system. 2,115,624; Apr. 26.
- Eisenmann, Karl, Ludwigshafen-on-the-Rhine, and H. Scheuermann, Oggersheim, Germany, assignors, by mesne assignments, to Plaskon Company, Incorporated, Toledo, Ohio. Producing condensation products of methylol compounds of urea. 2,103,113; Feb. 15.
- Eisemenger, Carl H., Wilmington, Del. Dispensing apparatus for beverages. 2,116,622; May 10.
- Eisenwerk Rothe Erde G. m. b. H. (See Bentzinger, A., and Kick, assignors.)
- Eisfeld, Kurt. (See Voss, A., Eisfeld, and Freudenberger.)
- Eisler Electric Corporation. (See Laise, Clemens A., assignor.)
- Eisler Electric Corporation. (See Laise, C. A., and Kurtz, assignors.)
- Eisler, Frederick J. (See Read, G. W., and Eisler.)
- Eisler, Joseph D., assignor to Western Geophysical Company, Los Angeles, Calif. Oscilloscope apparatus. 2,108,012; Feb. 8.
- Eismann, Oswald E., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co., Dresden, Germany. Apparatus for ripping raw tobacco leaves. 2,127,329; Aug. 16.
- Eistert, Bernd. (See Krzikalla, H., and Eistert.)
- Eistert, Bernd. (See Krzikalla, H., Eistert, Mueller, and Thurm.)
- Eistert, Bernd. (See Krzikalla, H., Ufer, Eistert, and Klaproth.)
- Eitel, William W., and J. A. McCullough, San Bruno, Calif. Method and apparatus for exhausting tubes. 2,134,710; Nov. 1.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Projecting apparatus and system. 2,107,290; Feb. 8.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Ink drying means for stock quotation projecting machines. 2,108,052; Feb. 15.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Broad tape projector. 2,108,053; Feb. 15.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,108,054; Feb. 15.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Optical system. 2,108,055; Feb. 15.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. News projecting machine. 2,108,056; Feb. 15.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Tape printing and projecting apparatus. 2,109,472; Mar. 1.



- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Message transmitting system. 2,113,582; Apr. 12.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Fluid controlled tape puller. 2,114,290; Apr. 19.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Mechanism and system for transmitting messages. 2,114,291; Apr. 19.
- Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,119,532; June 7.
- Eitzen, August D., Rockville Centre, assignor of three-fourths to News Projection Corporation, New York, N. Y. Advertising machine. 2,131,168; Sept. 27.
- Ekdahl, Edward B., Irvington, assignor to Sefco, Inc., Newark, N. J. Portable strainer for insertion in the mouths of liquid containers. 2,106,453; Jan. 25.
- Ekeberg, Henning R., assignor to Aktiebolaget Svenska Elektro-Industri Companiet, Stockholm, Sweden. Fluid compass. 2,136,970; Nov. 15.
- Ekert, Edward E., Rego Park, and G. R. Richards, Manhasset, assignors to American Chic Company, Long Island City, N. Y. Drying and/or coating apparatus. 2,138,297; Nov. 29.
- Eklov, Karl V., Detroit, Mich. Automatic paint striper. 2,117,023; May 10.
- Eklund, Axel G., North Attleboro, Mass., assignor to J. F. Sturdy's Sons Co. Bracelet buckle construction. Re. 20,677; Mar. 29.
- Eklund, Joel, New Rochelle, assignor to Chemical Construction Corporation, New York, N. Y. Steam boiler. 2,122,390; June 28.
- Eklund, Helen D., Duluth, Minn. Forming service portions of foodstuffs. 2,136,361; Nov. 15.
- Ekman, Olof I. H., Stockholm, Sweden. Siren. 2,110,505; Mar. 8.
- Ekman, Olof I. H., Stockholm, Sweden. Siren. 2,110,522; Mar. 8.
- Ekman, Olof I. H., Stockholm, Sweden. Siren. 2,114,654; Apr. 19.
- Ekman, Olof I. H., Stockholm, Sweden. Siren. 2,130,716; Sept. 20.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,116,598; May 10.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,119,669; June 7.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Single stamping artillery wheel. 2,122,810; July 5.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Single stamping artillery wheel. 2,123,100; July 5.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,126,372; Aug. 9.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Symmetrical shoe brake. 2,141,127; Dec. 20.
- Eksergian, Carolus L., and P. W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Artillery wheel. 2,116,599; May 10.
- Eksergian, Carolus L., and P. W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Reinforced spoke artillery wheel. 2,123,099; July 5.
- Eksergian, Carolus L., and R. B. Temple, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake. 2,140,261; Dec. 13.
- Ekstrand, Sture O. (See Clark, J. E., Ekstrand, and Roncl.)
- Ekstromer, Edward C., Los Gatos, Calif., assignor to Electrolift Corporation, Reno, Nev. Driving mechanism. 2,112,835; Apr. 5.
- Ekstromer, Edward C., Los Gatos, Calif., assignor to Electrolift Corporation, Reno, Nev. Pumping Mechanism. 2,123,183; July 12.
- Ekstromer, Edward C., Los Gatos, Calif., assignor to Electrolift Corporation, Reno, Nev. Driving mechanism. 2,123,184; July 12.
- Elbaum, Filip, assignor to J. November, Brooklyn, and A. B. Just, Astoria, N. Y. Lock. 2,109,264; Feb. 22.
- Elean, Catherine B., Hot Springs National Park, Ark. Dental floss holder. 2,109,417; Feb. 22.
- Elder, Austin C., Canton, Ohio. Power saw. 2,137,893; Nov. 22.
- Elder, Charles J., assignor to Greenpoint Metallic Bed Co., Inc., Brooklyn, N. Y. Spring bed bottom, bed spring, or the like. 2,135,804; Nov. 8.
- Elder, Clarence, Arkley, near Barnet, England. Starting automobiles. 2,137,894; Nov. 22.
- Elder, Donald. (See Koch, O. L., Crumley, and Elder.)
- Elder, Flint C., Cleveland Heights, Ohio. Button former. 2,108,917; Feb. 22.
- Elder, Flint C., Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Tire wire and making the same. 2,135,886; Nov. 8.
- Elder, Flint C., Cleveland Heights, Ohio. Corrosion resisting steel. 2,136,736; Nov. 15.
- Elder, Frank R. (See Bedford, E. D., Willis, and Elder.)
- Elder, Frank R. (See Willis, C. H., Bedford, and Elder.)
- Elder, Frank R., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,110,700; Mar. 8.
- Elder, Frank T., Bakersfield, Calif., assignor of fifty-one one-hundredths to F. T. Elder, twenty-four and one-half one-hundredths to E. W. Smith, and twenty-four and one-half one-hundredths to A. R. Cassidy. Lock nut. 2,132,821; Oct. 11.
- Elder, John A., Boston, Mass. Radio apparatus. 2,129,756; Sept. 13.
- Elder, Thomas A., Scotia, N. Y., assignor to General Electric Company. Discharge device. 2,137,836; Nov. 22.
- Elderkin, Clair T., Sacramento, assignor to I. T. Miller, Woodland, Calif. Pulverizer. 2,128,727; Aug. 30.
- El Dorado Oil Works. (See Rees, William H., assignor.)
- Eldred, Byron E., Scarsdale, N. Y. Continuous casting of metal shapes. 2,135,465; Nov. 1.
- Eldred, Cathryn L., Rock Island, Ill. Food browner. 2,120,696; June 14.
- Eldred, Harlow R., et al. (See Johanson, Adolph T., assignor.)
- Eldridge, Howard B., and C. E. Klein, St. Louis, Mo. Machine for grinding clutch facings and the like. 2,122,978; July 5.
- Electreporter, Inc. (See Ligh, C. G., and Previn, assignors.)
- Electric Arc Cutting & Welding Company. (See Holslag, Claude J., assignor.)
- Electric Auto-Lite Company. (See Decker, Hugh L., assignor.)
- Electric Auto-Lite Company. (See Liner, Joseph I., assignor.)
- Electric Auto-Lite Company, The. (See Middleton, Leslie H., assignor.)
- Electric Boat Company. (See Chase, Irwin, assignor.)
- Electric Boat Company. (See Dennison, Edward S., assignor.)
- Electric Boat Company. (See Nibbs, Ernest, assignor.)
- Electric Boat Company. (See Tremaine, Glenville S., assignor.)
- Electric Controller & Manufacturing Company, The. (See Smith, Ward L., assignor.)
- Electric Controller & Manufacturing Company, The. (See Wilcox, Harry L., assignor.)
- Electric Controller & Manufacturing Company, The. (See Wright, David C., assignor.)
- Electric Controller & Manufacturing Company, The. (See Wright, D. C., and Wilcox, assignors.)
- Electric Furnace Company, The. (See Cope, Frank T., assignor.)
- Electric Furnace-Man, Inc. (See Dykstra, Marinus, assignor.)
- Electric Furnace-Man, Inc. (See Hall, C. H., and Hilder, assignors.)
- Electric Furnace-Man, Inc. (See Kalmbach, Frederick, assignor.)
- Electric Garages, Inc. (See Kent, Milton A., assignor.)
- Electric Heat Control Company, The. (See Bartlett, William J., assignor.)
- Electric Household Utilities Corporation. (See Engel, Edward, assignor.)
- Electric Household Utilities Corporation. (See Gerhardt, Andrew H., assignor.)
- Electric Household Utilities Corporation. (See Jensen, Joseph W., assignor.)
- Electric Household Utilities Corporation. (See Molinare, Anthony W., assignor.)
- Electric Household Utilities Corporation. (See Shute, Alfred J., assignor.)
- Electric Household Utilities Corporation. (See Whyte, John, assignor.)
- Electric Lamp Corporation. (See Martin, Curtis J., assignor.)
- Electric and Musical Industries Limited. (See Blumlein, Alan D., assignor.)
- Electric Machinery Manufacturing Company. (See Swanson, Edwin W., assignor.)
- Electric & Musical Industries Limited. (See Blumlein, A. D., Cork, and Pawsey, assignors.)
- Electric and Musical Industries Limited. (See Blythen, F., and Hardwick, assignors.)
- Electric & Musical Industries Limited. (See Bowman, Manifold, Michael, assignor.)
- Electric & Musical Industries Limited. (See Bowman, Manifold, M., and Blumlein, assignors.)
- Electric and Musical Industries Limited. (See Bowman, Manifold, M., and Cork, assignors.)
- Electric & Musical Industries Limited. (See Bowman, Manifold, M., and Percival, assignors.)
- Electric & Musical Industries Limited. (See Bowman, Manifold, M., and Spencer, assignors.)
- Electric & Musical Industries Limited. (See Broadway, Leonard F., assignor.)
- Electric & Musical Industries Limited. (See Brough, Frank W., assignor.)
- Electric and Musical Industries Limited. (See Browne, Ceil O., assignor.)
- Electric and Musical Industries Limited. (See Browne, C. O., and Hardwick, assignors.)
- Electric and Musical Industries Limited. (See Bull, C. S., and Rodda, assignors.)
- Electric & Musical Industries Limited. (See Connell, William H., assignor.)



- Electric & Musical Industries Limited. (See Cooper, A. H., and Corner, assignors.)
- Electric & Musical Industries Limited. (See Cork, E. C., and Pawsey, assignors.)
- Electric & Musical Industries, Ltd. (See Gauss, Hubert E., assignor.)
- Electric & Musical Industries Limited. (See Gillard, Frank G., assignor.)
- Electric & Musical Industries Ltd. (See Holman, Herbert E., assignor.)
- Electric & Musical Industries Limited. (See Keyston, J. E., Nicoll, and Klemperer, assignors.)
- Electric & Musical Industries Limited. (See Kinross, R. I., and Brown, assignors.)
- Electric and Musical Industries, Ltd. (See Klemperer, Otto, assignor.)
- Electric & Musical Industries Limited. (See Lett, Frederic T., assignor.)
- Electric & Musical Industries Limited. (See Mitchell, F. A., and Simon, assignors.)
- Electric & Musical Industries Limited. (See Nicoll, Frederick H., assignor.)
- Electric & Musical Industries Limited. (See Percival, W. S., and White, assignors.)
- Electric and Musical Industries Limited. (See Shoenberg, I., Bull, and Rodda, assignors.)
- Electric and Musical Industries Limited. (See Shoenberg, I., Condliffe, and Tedham, assignors.)
- Electric & Musical Industries Ltd. (See Truefitt, Edward S. V., assignor.)
- Electric & Musical Industries Limited. (See White, Eric L. C., assignor.)
- Electric & Musical Industries Limited. (See White, E. L. C., and Cork, assignors.)
- Electric & Musical Industries Limited. (See White, E. L. C., and Percival, assignors.)
- Electric Railway Improvement Company, The. (See Carlson, Noble G., assignor.)
- Electric Service Supplies Company. (See Graham, H. J., and Mageoch, assignors.)
- Electric Service Supplies Company. (See Henderson, Samuel J., assignor.)
- Electric Service Supplies Company. (See Lewis, Harry G., assignor.)
- Electric Smelting and Aluminum Company. (See Howells, L. T., Scheidt, and Williams, assignors.)
- Electric Sorting Machine Company. (See Cox, David C., assignor.)
- Electric Steam Sterilizing Company. (See Beyrodt, Kurt, assignor.)
- Electric Steel Foundry. (See de Rocher, Arthur H., assignor.)
- Electric Steel Foundry. (See Ehmann, Leslie G., assignor.)
- Electric Steel Foundry Company. (See Barnes, Brown E., assignor.)
- Electric Steel Foundry Company. (See Younie, Lewis E., assignor.)
- Electric Storage Battery Company, The. (See Hall, Clarence A., assignor.)
- Electric Storage Battery Company, The. (See Smith, Edward W., assignor.)
- Electric Storage Battery Company, The. (See Woodbridge, Joseph L., assignor.)
- Electric Switch Corporation. (See Staley, Joseph H., assignor.)
- Electric Vacuum Cleaner Company. (See Dunbar, Ralph E., assignor.)
- Electric Vacuum Cleaner Company. (See Lang, H. T., and Dunbar, assignors.)
- Electrical and Musical Industries Limited. (See Shoenberg, I., Bull, and Rodda, assignors.)
- Electrical Fono-Films Company. (See Beer, Palle-Finn, assignor.)
- Electrical Research Laboratories Inc. (See Schnell, William J., assignor.)
- Electrical Testing Laboratories. (See Gray, Samuel McK., assignor.)
- Electromatic Corporation, The. (See Toussaint, Charles F., assignor.)
- Electro-Acoustic Products Company. (See Dreisbach, Robert H., assignor.)
- Electro-Acoustic Products Co. (See Erwood, Joseph, assignor.)
- Electro-Acoustic Products Company. (See Freimann, Frank, assignor.)
- Electro-Chemical Engineering Corporation. (See Gunderson, Lewis O., assignor.)
- Electro-Chemical Engineering Corporation. (See Gunderson, L. O., and Carrick, assignors.)
- Electro Lime & Ice Corporation. (See Walker, Robert S., assignor.)
- Electro-Mechanical Research Inc. (See Perret, Albert E., assignor.)
- Electro Refractories & Alloys Corporation. (See Diamond, Grant S., assignor.)
- Electro String Instrument Corporation. (See Beauchamp, George D., assignor.)
- Electrolift Corporation. (See Ekstromer, Edward C., assignor.)
- Electroline Company. (See Berndt, Arthur A., assignor.)
- Electrolock Manufacturing Company. (See Hemingway, Wilson, Jr., assignor.)
- Electrolux Corporation. (See Eriksson-Jons, Anders, assignor.)
- Electrolux Corporation. (See Karlstrom, Johan F. R., assignor.)
- Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)
- Electrolux, Inc. (See Barrner, Jacob E., assignor.)
- Electro Manufacturing Co. (See Nemeroff, Victor, assignor.)
- Electromaster, Inc. (See Dadson, Thomas E., assignor.)
- Electro-Mechanical Research, Inc. (See Sziklai, George K., assignor.)
- Electro Metallurgical Company. (See Becket, F. M., and Franks, assignors.)
- Electronic Laboratories, Incorporated. (See Garstang, William W., assignor.)
- Electronic Supply Corp. (See Stringer, Louis C., assignor.)
- Electronic Television Company. (See Henroteau, Francois C. P., assignor.)
- Electronics Supply Corp. (See Stringer, Louis C., assignor.)
- Electrons, Inc. of Delaware. (See Edwards, D. V., and Smith, assignors.)
- Elektricitätsgesellschaft "Sanitas". (See Hofmann, Joseph, assignor.)
- Elektricitätsgesellschaft "Sanitäts" G. m. b. H. (See Hofmann, Josef, assignor.)
- Elektro-Bohner G. m. b. H. (See Pflighar, Alfons, assignor.)
- Elenbaas, Willem. (See Holst, G., Elenbaas, and van Wyk.)
- Elenbaas, Willem, Eindhoven, Netherlands, assignor to General Electric Company. Electric gaseous discharge device. 2,116,741; May 10.
- Elenbaas, Willem, Eindhoven, Netherlands, assignor to General Electric Company. Electric gaseous discharge device. 2,135,702; Nov. 8.
- Elenbaas, Willem, and G. B. Jones, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 2,116,742; May 10.
- Elenbaas, Willem, and A. van Wyk, Eindhoven, Netherlands, assignors to General Electric Company. Electric gaseous discharge device. 2,135,701; Nov. 8.
- Elerath, Arthur F., Los Angeles, Calif. Frictional composition. 2,110,571; Mar. 8.
- Elevator Supplies Co. (See Bassett, Cyrus W., assignor.)
- Elevator Supplies Company. (See Nock, Harry, assignor.)
- Elevator Supplies Company. (See Zarafu, Herman, assignor.)
- Elfers, George, Riverside, Calif. Apparatus for cleaning carpets and pile fabric materials. 2,114,631; Apr. 19.
- Elfström, Nils, Fagersta, Sweden, assignor to National Standard Company, Niles, Mich. Wire drawing apparatus. 2,135,659; Nov. 8.
- Elger, Franz, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of laevo-ascorbic acid. 2,129,317; Sept. 6.
- Elger, Franz, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Stable solutions of ascorbic acid salts of histidine and the manufacture of same. 2,134,246; Oct. 25.
- Elgin Corporation, The, et al. (See Leach, E. C., and Manthis, assignors.)
- Elgin Manufacturing Company. (See Blackman, P. M., and Baldwin, assignors.)
- Elian, John, Paris, France. Preparing iron and steel. 2,107,980; Feb. 8.
- Elias, Nathaniel M., New York, N. Y. Vacuum jacketed glass tube and shape. 2,119,009; May 31.
- Eliason, Carl J. E., Sayner, Wis. Fishhook. 2,123,598; July 12.
- Elie, Luc M. (See Ponte, M., and Elie.)
- Eliei, Leon T., Pasadena, Calif. Apparatus for aerial photography. 2,104,976; Jan. 11.
- Eliei, Leon T., Pasadena, Calif. Multiple transforming printer. 2,130,793; Sept. 20.
- Elkington, Vivian, Dover, England. Manhole cover and frame. 2,109,287; Feb. 22.
- Elledge, Harvey G., and A. Hirsch, assignors to Diamond Alkali Company, Painesville, Ohio. Producing strontium carbonate. 2,106,131; Jan. 18.
- Ellefson, Bjarne, Brooklyn, N. Y. Centrifugal torque converter. 2,118,430; May 24.
- Ellenburg, Sanford J., Berkeley, assignor to Handy-Roll Company, Oakland, Calif. Roll tape container. 2,107,603; Feb. 8.
- Eller, John A., Astoria, and H. L. Epp, Beechurst, N. Y. Diaper. 2,141,105; Dec. 20.
- Ellerstein-Gerber Corp. et al. (See Skora, Hyman, assignor.)
- Ellery, Arthur B., Akron, Ohio. Vehicle brake control mechanism. 2,125,104; July 26.
- Ellestad, Gerhard A., and F. W. Jobe, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmoscope. 2,124,344; July 19.
- Elley, Harold W., and H. W. Walker, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Gas inhibitors for gasoline. 2,107,147; Feb. 1.
- Ellies, Ernest E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rubber spring. 2,113,372; Apr. 5.



- Ellinger, Flora, Milwaukee, Wis. Water replenishing utensil cover. 2,132,609; Oct. 11.
- Ellinger, Flora, Milwaukee, Wis. Combination garment. 2,132,610; Oct. 11.
- Ellinger, Flora, Milwaukee, Wis. Flatiron support. 2,132,611; Oct. 11.
- Ellinghausen, Hermann, Bremen, Germany. Mounting propeller blades. 2,129,206; Sept. 6.
- Ellingworth, Samuel, Blackley, Manchester, England, assignor to Imperial Chemical Industries, Limited. Dye-stuff of the indigoid type. 2,109,369; Feb. 22.
- Ellinson, William J., assignor to F. E. Shudnow, Chicago, Ill. Stereopticon slide and carrier therefor. 2,114,417; Apr. 19.
- Elliott, Albert E., Atlanta, Ga., assignor, by mesne assignments, to Chase Model Bale Gin Compress Co. Compress. 2,131,502; Sept. 27.
- Elliott, Charles, Diablo, Calif. Razor blade sharpening method and means. 2,138,520; Nov. 29.
- Elliott, J. B., and F. Klaeden, San Antonio, Tex. Apparatus for mixing fluids. 2,123,185; July 12.
- Elliott Addressing Machine Company, The. (See Elliott, Harmon P., assignor.)
- Elliott Company. (See Fornerook, Lawrence M., assignor.)
- Elliott Company. (See Keebler, Paul T., assignor.)
- Elliott Core Drilling Company. (See Grainger, Reid B., assignor.)
- Elliott Core Drilling Company. (See Lohman, Ralph W., assignor.)
- Elliott Core Drilling Company. (See Snyder, Leonard L., assignor.)
- Elliott, David, Johnston, Pa., assignor of one-half to H. A. Israel, Lynn, Mass. Glare eliminator. 2,125,996; Aug. 9.
- Elliott, Eric M., Watford, assignor to Rolls Razor Limited, London, England. Razor sharpener. 2,113,233; Apr. 5.
- Elliott, Harmon P., Watertown, Mass. Stencil. 2,131,503; Sept. 27.
- Elliott, Harmon P., Watertown, Mass. Addressing and tabulating machine. 2,134,814; Nov. 1.
- Elliott, Harmon P., Watertown, Mass. Printing. 2,134,815; Nov. 1.
- Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Repeat printing attachment for addressing machines. 2,106,675; Jan. 25.
- Elliott, Harold F., Palo Alto, Calif. Carrier wave system compensated automatic gain control. 2,132,101; Oct. 4.
- Elliott, Henry, Streatham, London, England. Safety razor. 2,120,399; June 14.
- Elliott, Irwin, Harmon, N. Y. Humidifier. 2,114,594; Apr. 19.
- Elliott, John L., New York County, assignor to The International Printing Ink Corporation, New York, N. Y. Coated organic materials and processes and compositions. 2,116,065; May 3.
- Elliott, John L., Dallas, Tex., assignor to The International Printing Ink Corporation, New York, N. Y. Coated materials and to processes for producing the coating. 2,116,066; May 3.
- Elliott, Mary J. (See Elliott, Roy D. and M. J.)
- Elliott, Roff, Watertown, Mass. Card perforating machine. 2,127,681; Aug. 23.
- Elliott, Roy D., Oakland, Calif. Filter and method of operation. 2,134,114; Oct. 25.
- Elliott, Roy D. and M. J., Jersey City, N. J. Filtering. 2,106,318; Jan. 25.
- Elliott, William E., Youngstown, Ohio. Composition and method for the treatment of hydrocarbon emulsions. 2,107,473; Feb. 8.
- Ellis, Albert, assignor to Bridge Master, Inc., New York, N. Y. Game apparatus. 2,124,941; July 26.
- Ellis, Andrew J. (See Olschlager, H. L., and Ellis.)
- Ellis, Arthur C., New York, N. Y. Educational device. 2,137,447; Nov. 22.
- Ellis, Calvin T., Philadelphia, Pa. Nonvibrating tube coupling. 2,131,316; Sept. 27.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Triethanolamine resin. 2,106,522; Jan. 25.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Complex resinous body and making same. 2,106,523; Jan. 25.
- Ellis, Carleton, Montclair, N. J., assignor to Standard-I.G. Company. Hydrogenation of high oxygen coal. 2,106,973; Feb. 1.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Resinous compositions from oxalic acid and polyhydric alcohols and making same. 2,111,762; Mar. 22.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Low cellulose urea aldehyde resin and making same. 2,115,550; Apr. 26.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis Laboratories, Inc. Glass fabric rod. 2,115,667; Apr. 26.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Molding composition of urea resin and a modifying agent and making same. 2,121,076; June 21.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Glass-clear synthetic resin product and making same. 2,121,077; June 21.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Venetian blind slat. 2,121,217; June 21.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Producing substituted acrylic acid esters. 2,124,272; July 19.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Floor tile and making same. 2,124,384; July 19.
- Ellis, Carleton, Jr., Montclair, N. J., assignor to Plaskon Company, Incorporated. Composite molding composition and making same. 2,125,776; Aug. 2.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Urea resin type molding composition and making same. 2,126,677; Aug. 9.
- Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Wax acid soap and making same. 2,128,083; Aug. 23.
- Ellis, Carleton, Montclair, N. J., assignor, by mesne assignments, to Plaskon Company Incorporated, New York, N. Y. Urea aldehyde molding compositions containing a latent curing catalyst. 2,133,689; Oct. 18.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Varnish resins and making same. 2,137,242; Nov. 22.
- Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Reconstituting and dehydrogenating heavier hydrocarbons and making an anti-knock gasoline. 2,137,275; Nov. 22.
- Ellis, Charles A., Natick, assignor of fifty-one one-hundredths to C. E. Marshall, Hopkinton, Mass. Door operating device. 2,138,521; Nov. 29.
- Ellis, Emmett S., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Coiling machine. 2,134,036; Oct. 25.
- Ellis-Foster Company. (See Ellis, Carleton, assignor.)
- Ellis-Foster Company. (See Penniman, William B. D., assignor.)
- Ellis-Foster Company. (See Rust, John B., assignor.)
- Ellis, George H. (See Dreyfus, C., and Ellis.)
- Ellis, George H. (See Olpin, H. C., and Ellis.)
- Ellis, George H., New Brighton, assignor to The Insulite Company, Minneapolis, Minn. Wall. 2,117,763; May 17.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Pyrazolone azo dyestuffs. 2,134,035; Oct. 25.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Synthetic fibrous product and making the same. 2,134,659; Oct. 25.
- Ellis, George H., and A. J. Wesson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture and/or treatment of artificial materials. 2,108,803; Feb. 22.
- Ellis, George H., and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile materials. 2,112,276; Mar. 29.
- Ellis, George H., and A. J. Wesson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials. 2,120,552; June 14.
- Ellis, George H., and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial textile and like materials. 2,125,902; Aug. 9.
- Ellis, Henry A., Sharonville, and W. A. Slattery, Hamilton, Ohio, assignors to The Philip Carey Manufacturing Company. Process and apparatus for the manufacture of paper products. 2,113,297; Apr. 5.
- Ellis, Henry A., Sharonville, and W. A. Slattery, Hamilton, Ohio, assignors to The Philip Carey Manufacturing Company. Fibrous products. 2,113,298; Apr. 5.
- Ellis, Horace R., Meadville, Pa. Attaching device. 2,138,735; Nov. 29.
- Ellis, Humphrey A., Philadelphia, Pa. Tuyère plate. 2,120,589; June 14.
- Ellis, James T., Lake Charles, La. Pipe cutter. 2,108,330; Feb. 15.
- Ellis, Joseph, Columbus, Ohio. Wax modeling spatula for dental work. 2,119,908; June 7.
- Ellis, Joseph A. (See Honderille, A. L., and Ellis.)
- Ellis Laboratories, Inc. (See Ellis, Carleton, assignor.)
- Ellis, Owen W., Forest Hill, Ontario, Canada. Bimetallic sealing device. 2,118,299; May 24.
- Ellis, Ray C., and S. W. Archer, assignors to General Motors Corporation, Detroit, Mich. Radio static eliminator. 2,108,530; Feb. 15.
- Ellis, Robert H., St. Louis, Mo. Device for holding perforated records in shingled relationship. 2,134,177; Oct. 25.
- Ellis, Russell S., Vinceland, N. J. Separating particles of solid material by flotation. 2,104,537; Jan. 4.
- Ellis, Sharon J., Akron, assignor, by mesne assignments, to The Dill Manufacturing Company, Cleveland, Ohio. Rubber valve stem for inflatable articles. 2,135,569; Nov. 8.
- Ellis, Sharon J., Akron, assignor, by mesne assignments, to The Dill Manufacturing Company, Cleveland, Ohio. Manufacturing rubber valve stems. 2,135,570; Nov. 8.
- Ellis, William C., Lynbrook, N. Y., and E. S. Greiner, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephonone. 2,118,170; May 24.
- Elison, Whitfield, Capac, Mich., assignor to Sears, Roebuck and Co., Chicago, Ill. Cabinet latch. 2,115,947; May 3.



- Ells, Burdick R., Los Angeles, Calif., assignor to H. F. and H. N. Langlois, individually and as copartners doing business as Langlois Bros. Brake. 2,127,557; Aug. 23.
- Ellsworth, Deane C., deceased, by J. F. Haskins, administrator, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,123,883; July 19.
- Ellsworth, Harold D. (See Day, H. I., and Ellsworth.)
- Ellsworth, Joe K. (See Jones, L. T., and Ellsworth.)
- Ellsworth, Walter A., and E. Swedman, assignors to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator display case. 2,131,587; Sept. 27.
- Elmendorf, Armin, Chicago, Ill. Nonshrinkable wood panel. 2,108,479; Feb. 15.
- Elmendorf, Armin, Chicago, Ill. Flexible end grain wood floor covering. 2,118,841; May 31.
- Elmendorf, Armin, Chicago, Ill. Method of veneering. 2,120,642; June 14.
- Elmendorf, Armin, Winnetka, Ill. Flexible wood floor or flooring material. 2,123,409; July 12.
- Elmendorf, Armin, Winnetka, Ill. Composite roof panel or shingle. 2,130,178; Sept. 13.
- Elmendorf, Armin, Winnetka, Ill. Laying wood flooring. 2,141,708; Dec. 27.
- Elmendorf, Duryea E., Shaker Heights, Ohio, assignor to General Electric Company. Method and apparatus for prefocusing lamps. 2,136,237; Nov. 8.
- Elmenthaler, William, Cleveland Heights, Ohio. Cover for cavities. 2,132,102; Oct. 4.
- Elmer, Francis E., assignor to L. A. Darling Company, Bronson, Mich. Article display fixture. 2,123,695; July 12.
- Elmer, Lloyd A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Film sprocket. 2,122,458; July 5.
- Elmer, Robert B., assignor of two-thirds to L. G. Mouchel and Partners, Limited, and P. J. Gerard, Westminster, London, England. Construction of water cooling towers. 2,132,939; Oct. 11.
- Elmer, William B., Winchester, Mass. Tree guard for aerial wires. 2,132,258; Oct. 4.
- Elmes, John A., assignor to Keystone Driller Company, Beaver Falls, Pa. Tool guide for drilling machines. 2,108,057; Feb. 15.
- Elmes, John A., assignor to Keystone Driller Company, Beaver Falls, Pa. Sheave mounting for drillers. 2,117,084; May 10.
- Elmes, John A., assignor to Keystone Driller Company, Beaver Falls, Pa. Supporting mechanism for the crown sheave of a drilling machine. 2,121,078; June 21.
- Elmire, Howard H., Kearny, N. J. Well drilling machine. 2,139,739; Dec. 13.
- Elmslie, Wallace P. (See Knapheide, M. D., Caldwell, and Elmslie.)
- Elöd, Egon, Karlsruhe, and E. Demme, assignors to firm Carl Freudenberg G. m. b. H., Weinheim, Germany. Process for the manufacture of waterproof shaped products. 2,138,909; Dec. 6.
- Elrod, Henry E., Houston, Tex. Centrifugal separator. 2,113,175; Apr. 5.
- Elsaesser, William F., Cincinnati, Ohio. Refrigerator cabinet. 2,120,327; June 14.
- Elsey, G. W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,106,272; Jan. 25.
- Elsey, George W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Cathode for foil filming. 2,109,634; Mar. 1.
- Elsey, George W., L. E. Mumma, and E. J. Vosler, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Conductor inserting machine. 2,121,655; June 21.
- Elsey, Warren R., Elizabeth, and W. J. Meyer, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Boxcar. 2,114,763; Apr. 19.
- Elsom, James D., Evanston, assignor of twenty-four percent to L. E. Gould and twenty-four percent to F. J. O'Brien, Chicago, Ill. Filling nozzle. 2,114,705; Apr. 19.
- Elson & Robbins Limited. (See Millward, Sidney W., assignor.)
- Elston, Arthur A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorohydrocarbon emulsion. 2,140,519; Dec. 20.
- Elvin, William J., Cumberland, Md., and J. L. Killoran, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Package core holder for yarn packaging device. 2,106,799; Feb. 1.
- Elwell, Edwin L., Baltimore, Md., assignor to Eskimo Pie Corporation, Brooklyn, N. Y. Stick holder and dipping rack. 2,109,473; Mar. 1.
- Elwell, Edwin L., Baltimore, Md., assignor to Eskimo Pie Corporation, Brooklyn, N. Y. Machine for producing frozen confections. 2,128,992; Sept. 6.
- Elwell-Parker Electric Company. (See Cochran, Clyde E., assignor.)
- Elwell-Parker Electric Company, The. (See Towson, Sheldon K., assignor.)
- Ely, Charles F. (See Worrell, Guy C., assignor.)
- Ely, Cornelius G., Chicago, and E. H. Allen, Oak Park, assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Illuminated dial. 2,129,169; Sept. 6.
- Ely & Walker Dry Goods Company. (See Walter, Harry L., assignor.)
- Elysian Spring Water & Bottling Company. (See Willets, William C., assignor.)
- Elze, Walter C., Forest Hills, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Regulatable vaporizing burner. 2,111,239; Mar. 15.
- Elzer, Johann, Mistek, Czechoslovakia. Textile drafting apparatus. 2,107,818; Feb. 8.
- Emanuel, Clarence. (See Steele, C., and Emanuel.)
- Emanuel, Dewey J., Kearney, Nebr. Wrench. 2,124,163; July 19.
- Emanuel, Joseph, Cleveland, Ohio. Game marker. 2,126,373; Aug. 9.
- Emanuel, Victor, assignor of one-half to F. J. Cullomer, Chicago, Ill. Toaster. 2,138,910; Dec. 6.
- Emanuelli, Luigi, Milan, Italy, assignor to Società Italiana Pirelli. Stop joint for fluid filled cables. 2,120,889; June 14.
- Emanuelli, Luigi, Milan, Italy, assignor to Società Italiana Pirelli. High tension electrical apparatus. 2,122,281; June 28.
- Emanuelli, Luigi, Milan, Italy, assignor to Società Italiana Pirelli. Electric cable. 2,132,259; Oct. 4.
- Emanuelli, Luigi, assignor to Società Italiana Pirelli, Milan, Italy. High tension electric cable. 2,133,382; Oct. 18.
- Embleton, George J. (See Kennedy, William H., assignor.)
- Embleton, Rowland, Swinton, England, assignor to General Electric Company. Gas-arc torch. 2,106,692; Jan. 25.
- Embree, Norris D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Production of high vacuum and high vacuum pumps. 2,139,740; Dec. 13.
- Emby Photo and Film Machine Corp. (See Burlin, Moritz, assignor.)
- Emens, Albert L., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electric meter. 2,127,505; Aug. 23.
- Emerson Apparatus Company. (See Thompson, R. E., Emerson, and Jansson.)
- Emerson Apparatus Company. (See Wasson, J. E., and Bean, assignors.)
- Emerson, Charles J. (See Thompson, R. E., Emerson, and Jansson.)
- Emerson Electric Mfg. Co., The. (See Finch, Herbert I., assignor.)
- Emerson Electric Mfg. Co., The. (See Weber, Victor, assignor.)
- Emerson, John. (See Fordyce, C. R., and Emerson.)
- Emerson, John R., Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Carburetor. 2,127,444; Aug. 16.
- Emery, Everett S. (See Russell, George J., assignor.)
- Emery, George S., Tulsa, Okla. Loose leaf binder. 2,129,318; Sept. 6.
- Emery, Rolla R., Kansas City, Mo. Concealed gun carrier for motor vehicles. 2,140,870; Dec. 20.
- Emery, Walter T., Manhattan, Kans., dedicated to the free use of the People of the United States. Spray nozzle. 2,115,442; Apr. 26.
- Emmens, Hendrik. (See Van Geel, W. C., and Emmens.)
- Emmer, Charles E., assignor to Cercla, Inc., Chicago, Ill. Binding device. 2,123,625; July 12.
- Emmer, Charles E., assignor to Cercla, Inc., Chicago, Ill. Binding device. 2,141,523; Dec. 27.
- Emmer, Charles E., assignor to Cercla, Inc., Chicago, Ill. Binding device. 2,141,524; Dec. 27.
- Emmert, Kenneth L., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver alloys. 2,136,915; Nov. 15.
- Emmert, Rodger J., Birmingham, Mich., assignor to Radio Corporation of America. Making an acoustic device. 2,116,106; May 3.
- Emmett, Paul H., Washington, D. C., assignor to H. A. Wallace, Secretary of Agriculture of the United States of America. Oxidizing phosphorus. 2,107,857; Feb. 8.
- Emmey, Charles. (See Sallop, H. A., and Emmey.)
- Emmons, Herbert I., Methuen, Mass. Loom binder. 2,120,144; June 7.
- Emmons Loom Harness Company. (See Hall, James S., assignor.)
- Emmons Loom Harness Company. (See Kelly, William H., assignor.)
- Emmons, Willard O., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Radiator fin structure. 2,133,502; Oct. 18.
- Empire Brush Works. (See Iasillo, Casper.)
- Empire Fire Equipment Manufacturing Company. (See Miller, L. P., and Delavan, assignors.)
- Empire Metal Cap Co. (See Merolle, Augustus L., assignor.)
- Emrich, William, Jr., et al. (See Mitchell, Hollis F., assignor.)
- Emrick, Frank C., Kalamazoo, Mich. Fifth wheel. 2,140,990; Dec. 20.
- Emrick, George W., Brooklyn, N. Y. Tapping attachment. 2,141,209; Dec. 27.
- Emsco Asbestos Company. (See Fether, Donald W., assignor.)
- Emsco Derrick & Equipment Company. (See Davidson, W. D., and Tremolada, assignors.)



- Emsco Derrick & Equipment Company. (See Wooldridge, Mack, assignor.)
- Emulsoids, Inc. (See Knight, Hugh, assignor.)
- Emulsol Corporation, The. (See Epstein, A. K., (Reynolds, assignor), and Hartley.)
- Emulsol Corporation, The. (See Reynolds, Marvin C., assignor.)
- Enamel Products Company, The. (See Rumbarger, J. C., and Schwendler, assignors.)
- Encor Corporation. (See Specht, Harry G., assignor.)
- End, Gotthard, Schaffhausen, assignor to Schweizerische Industrie-Gesellschaft, Neuhausen (Ct. Schaffhausen, Switzerland). Automatic firearm. 2,130,383; Sept. 20.
- Endicott Johnson Corporation. (See Exley, Leo F., assignor.)
- Endicott Johnson Corporation. (See Short, Victor W., assignor.)
- Endicott, Solomon C., Eugene, Oreg. Quick-acting closure for tubes, bottles, and the like. 2,134,968; Nov. 1.
- Endowment Foundation. (See McLean, H. C., and Weber, assignors.)
- Enfield, Harold, assignor, by mesne assignments, to R. E. Manley, York, Pa. Cigar bunching machine. 2,129,997; Sept. 13.
- Enfield, William L., Shaker Heights, Ohio, assignor to General Electric Company. Light projecting device. 2,134,551; Oct. 25.
- Engberg, Axel O., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Surface treating apparatus. 2,126,761; Aug. 16.
- Engdahl, Klas J. H. (See Samuelson, F. G., Jonson, and Engdahl.)
- Engel, Abraham, Brooklyn, N. Y. Tire valve. 2,135,869; Nov. 8.
- Engel, Antonie J., Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,122,092; June 28.
- Engel, Bruno. (See Pier, M., and Engel.)
- Engel, Edward, Bloomington, assignor to Electric Household Utilities Corporation, Chicago, Ill. Cabinet ironer. 2,124,972; July 26.
- Engel, Ernst, assignor to Alfred Teves Maschinen und Armaturenfabrik Gesellschaft m. b. H., Frankfurt-on-the-Main, Germany. Pressure actuated piston lock release. 2,139,185; Dec. 6.
- Engel, Frank, Cleveland, Ohio. Wrapping machine. 2,113,269; Apr. 5.
- Engel, Frank A., and F. Hudson, Roselle, assignors to Inner-Tite Clamp Corporation, Elizabeth, N. J. Pipe joint. 2,108,848; Feb. 22.
- Engel, Friedrich V. A. E., and A. L. Hancock, London, England, assignors to Republic Flow Meters Company, Chicago, Ill. Flowmeter. 2,134,864; Nov. 1.
- Engel, Georg, Berlin-Reinickendorf, and A. Winter, assignors to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Automatic firearm. 2,133,661; Oct. 18.
- Engel, Hermann, Ostermundigen, Switzerland. Telephone system. 2,124,913; July 26.
- Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of sandals. 2,108,849; Feb. 22.
- Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt guide. 2,115,907; May 3.
- Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching seam stays. 2,136,495; Nov. 15.
- Engel, William H., Mount Vernon, Ohio, assignor to Shellmar Products Company, Chicago, Ill. Bag machine. 2,116,566; May 10.
- Engelhardt, Alfred, Gonzenheim, near Bad Homburg, assignor to Corbo-Norit-Union Verwaltungs-Gesellschaft, m. b. H., Frankfurt-on-the-Main, Germany. Treating gases containing polymerizable substances. 2,125,997; Aug. 9.
- Engelhardt, Alfred, Gonzenheim, near Bad Homburg vor der Hohe, assignor to Corbo-Norit-Union Verwaltungs-Gesellschaft, m. b. H., Frankfurt-on-the-Main, Germany. Recovery of carbon disulphide from industrial effluent waters. 2,141,349; Dec. 27.
- Engelhardt, Eric H., Detroit, Mich. Radiator filler passage. 2,128,696; Aug. 30.
- Engelhardt, George B., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Driving means for adjustable apparatus. 2,127,109; Aug. 16.
- Engelhardt, Rudolf. (See Lommel, W., and Engelhardt.)
- Engelke, Henry. (See Natkiel, Harry, assignor.)
- Engelken, Richard C. (See Hamel, S., and Engelken.)
- Engelken, Richard C., Clifton, N. J., assignor to Kliegl Bros. Universal Electric Stage Lighting Co., Inc., New York, N. Y. Color screen control. 2,133,608; Oct. 18.
- Engelman, Herman C., Oakwood Heights, assignor to Research Corporation, New York, N. Y. Electrode rapping. 2,123,464; July 12.
- Engelmann, Max. (See Leltz, L., Engelmann, and Schneider.)
- Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 2,3,6 triamino pyridine and making it. 2,136,044; Nov. 8.
- Engels, Bernhard, Waldenburg-Altwasser, Germany. Feeding molten glass. 2,121,143; June 21.
- Engels, Bernhard, Waldenburg-Altwasser, Germany. Molding hollow bodies of glass. 2,123,937; July 19.
- Engels, Eugene O., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Furnace. 2,110,209; Mar. 8.
- Engels, Eugene O., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Automatic control for gas burning apparatus. 2,113,426; Apr. 5.
- Engels, Eugene O., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Oil burner. 2,119,952; June 7.
- Engels, William H., Rahway, and G. A. Stein, Elizabeth, assignors to Merck & Co. Inc., Rahway, N. J. Bismuth allantoinate and making it. 2,104,738; Jan. 11.
- Engelson, Larry R., New York, N. Y. Combination shirt and vest. 2,111,361; Mar. 15.
- Engelson, Larry R., New York, N. Y. Vest. 2,134,473; Oct. 25.
- Engelstein, Alvin, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,126,988; Aug. 16.
- Engelstein, Alvin, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,126,989; Aug. 16.
- Engert, Caspar F., assignor to Poster Products, Inc., Chicago, Ill. Supporting unit. 2,133,915; Oct. 18.
- Engholm, Bernard A., Shaker Heights, assignor to The Rola Company, Cleveland, Ohio. Loudspeaker mounting. 2,115,098; Apr. 26.
- Engholm, Bernard A., Shaker Heights, assignor to The Rola Company, Cleveland, Ohio. Loudspeaker. 2,119,272; May 31.
- Engineering Products Corporation. (See Thomson, Frederick B., assignor.)
- Engineering and Research Corporation, The. (See Eames, Edward H., assignor.)
- Engineering and Research Corporation, The. (See Geer, C. D., and Blach, assignors.)
- Engineering and Research Corporation. (See Nelson, Robert O., assignor.)
- Engineering Laboratories, Inc. (See Neufeld, Jacob, assignor.)
- Engineering Laboratories, Inc. (See Scherbatskoy, S. A., and Neufeld, assignors.)
- Engl, Josef. (See Vogt, H., Massolle, and Engl.)
- Engl, Josef, and J. Massolle, Grunewald, and H. Vogt, Berlin-Schoneberg, Germany, assignors, by mesne assignments, to American Tri-Ergon Corporation, New York, N. Y. Photographically recording sound. 2,140,003; Dec. 13.
- Englar, Lillian G., Crestwood, N. Y. Protective electrical receptacle plate. 2,119,428; May 31.
- Englar, Lillian G., Crestwood, Yonkers, assignor, by mesne assignments, to Double E. Patents, Inc., New York, N. Y. Display device. 2,135,124; Nov. 1.
- Engle, Edgar W., Hastings-on-Hudson, N. Y., assignor, by mesne assignments, to Carboly Company, Inc. Fabricating articles of hard metal compositions. 2,122,459; July 5.
- Englen, Frederick J., Omaha, Nebr. Slicing apparatus. 2,126,458; Aug. 9.
- Engler, Max L., assignor to The General Tire & Rubber Company, Akron, Ohio. Punch. 2,122,368; June 28.
- Engler, Otto, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshoe, Germany. Apparatus for generating steam. 2,104,613; Jan. 4.
- Engler, Peter J. W., assignor to the firm of Hansa-Muhle Aktiengesellschaft, Hamburg, Germany. Continuous oil extracting apparatus. 2,117,113; May 10.
- Englerth, Louis W., Chicago, Ill. Game apparatus. 2,114,777; Apr. 19.
- Englsch, Ernst, Steyr, and H. Richter, Vienna, Austria; said Englsch assignor to the firm Steyr-Werke A. G., and said Richter assignor to Steyr-Daimler-Puch, A. G., Steyr, Austria. Manufacture of open containers. 2,113,373; Apr. 5.
- English, Edward F., Baton Rouge, La., assignor to Standard Oil Development Company. Cracking and extracting hydrocarbon oils with a selective solvent. 2,131,169; Sept. 27.
- English Electric Company Limited, The. (See Mardis, P. L., and Binney, assignors.)
- English, Sally, New York, N. Y. Handkerchief pocket-book ensemble. 2,121,561; June 21.
- Engman, Olof, Galesburg, Ill. Folding scaffold jack or trestle. 2,130,456; Sept. 20.
- Engrao, Filippo, Los Angeles, Calif. Dispensing and measuring device. 2,110,762; Mar. 8.
- Engs, William. (See Fairbairn, A. W., and Engs.)
- Engs, William, Oakland, H. W. de Jong, Berkeley, and M. W. Tamele, Oakland, assignors to Shell Development Company, San Francisco, Calif. Producing an saturated alcohols. 2,139,115; Dec. 6.
- Engster, Frank W., Washington, D. C., assignor to General Electric Company. Overhead cable installation. 2,136,238; Nov. 8.
- Engstrom, Birger, assignor, by mesne assignments, of sixty one-hundredths to The National Supply Company, Pittsburgh, Pa. Pipe thread protector. 2,141,381; Dec. 27.
- Engstrom, Ernst F., Maywood, Ill. Spring. 2,114,918; Apr. 19.
- En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Mirror sign. 2,132,472; Oct. 11.
- En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Mirror sign and electric circuits therefor. 2,132,473; Oct. 11.



- En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Mirror sign with an electric clock. 2,132,474; Oct. 11.
- En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Mirror sign for advertising or the like. 2,132,475; Oct. 11.
- En Holm, Norman, New York, N. Y., assignor to Multi Vue Signs Co., Inc. Combination mirror and clock. 2,132,476; Oct. 11.
- Enkur, Edward M. (See Greenholtz, R. E., and Enkur.)
- Enkur, Edward M., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container cap and making the same. 2,110,329; Mar. 8.
- Enkur, Edward M., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Lug cap. 2,135,635; Nov. 8.
- Enkur, Edward M., and R. E. Greenholtz, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container closure. 2,105,031; Jan. 11.
- Ennis, George H., assignor of one-half to R. V. Funk, Long Beach, Calif. Timed dump bailer. 2,141,179; Dec. 27.
- Enoch, Henry L. (See Darnell, E., Enoch, Grubb, and Freeman.)
- Enochson, Guy O., Austin, Minn. Lathe attachment. 2,105,687; Jan. 18.
- Enock, Arthur G., Wembley Park, England. Mechanism for raising bottles on to the table of a bottle filling and capping machine. 2,106,210; Jan. 25.
- Enos, Benjamin B., Salem, Mass. Vamp lining for a boot or shoe and making a boot or shoe. 2,130,794; Sept. 20.
- Ensinger, George R., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing laminated material. 2,117,085; May 10.
- Ensinger, George R., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,139,008; Dec. 6.
- Ensor, Dorsey A. (See Martin, H. E., and Ensor.)
- Ensslin, Hellmut. (See Hartmann, M., and Ensslin.)
- Ensten, Harold V. (See Hibshman, James R., assignor.)
- Ensten, Harold V. (See Sweet, Vance, assignor.)
- Ensz, Johann, and M. Hüniger, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Ultraviolet transmitting glasses. 2,107,935; Feb. 8.
- Enterprise Manufacturing Company, The. (See Case, Francis M., assignor.)
- Enterprise Manufacturing Company. (See Pfueger, Charles T., assignor.)
- Enterprise Manufacturing Company of Pennsylvania, The. (See Braun, S., and Hess, assignors.)
- Enterprise Manufacturing Company of Pennsylvania, The. (See Rabl, Hans E. A., assignor.)
- Enterprise Manufacturing Company of Pennsylvania, The. (See Rable, Hans E. A., assignor.)
- Entreprises Electriques Fribourgeoises. (See Challet, Etienne, assignor.)
- Enz, Anton, et al. (See Werner, Eugene K., assignor.)
- Enzinger-Union-Werke A. G. (See Filss, Hermann, assignor.)
- Epiphone, Inc. (See Alala, Rocco, assignor.)
- Epiphone, Inc. (See Sunshine, Herbert S., assignor.)
- Eplett, Emanuel S., Michigan City, Ind., assignor to Sullivan Machinery Company. Making honed guides. 2,125,434; Aug. 2.
- Epley, Frederic I., assignor to The Superheater Company, New York, N. Y. Superheater. 2,104,155; Jan. 4.
- Epp, Hilton L. (See Eller, J. A., and Epp.)
- Eppelheimer, Daniel, Middletown, Ohio. Transformer core structure. 2,142,066; Dec. 27.
- Eppens, Ernest G., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Fluid actuated hammer. 2,105,074; Jan. 11.
- Eppenstein, Otto, Jena, Germany, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Stereoscopic range finder having stationary measuring marks. 2,106,631; Jan. 25.
- Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Apparatus for sweating out fusible metals. 2,108,034; Feb. 15.
- Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Removing storage battery plates from their cases. 2,119,857; June 7.
- Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Storage battery stripper. 2,119,858; June 7.
- Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Storage battery stripper. 2,119,859; June 7.
- Eppers, Walter P., assignor to Fuller Company, Catsaqua, Pa. Air compressor. 2,126,247; Aug. 9.
- Epperson, Nevell M., assignor, by mesne assignments, to Taywal Ltd., Chattanooga, Tenn. Tinning compound. 2,136,496; Nov. 15.
- Eppink, Albert J., Amersfoort, Netherlands. Buckles and like ornaments for personal wear. 2,123,773; July 12.
- Eppler, Andrew, deceased, by E. P. Eppler, executrix, Lynn, and J. P. Fredericksen, Wollaston, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing the bottoms of shoes. 2,104,739; Jan. 11.
- Eppler, Elle P., executrix. (See Eppler, A., and Fredericksen.)
- Epstein, Albert K. (See Reynolds, M. C., Harris, and Epstein.)
- Epstein, Albert K., Chicago, Ill. Treatment of soya bean oil. 2,128,925; Sept. 6.
- Epstein, Albert K., Chicago, Ill. Treatment of soya bean oil. 2,128,926; Sept. 6.
- Epstein, Albert K., Chicago, Ill. Treatment of soya bean oil. 2,128,927; Sept. 6.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill. Thio-cyano-fatty acid esters. 2,123,186; July 12.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Rubber and making the same. 2,128,127; Aug. 23.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill., assignors to The Procter & Gamble Company, Cincinnati, Ohio. Making shortening. 2,132,406; Oct. 11.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill.; said Epstein assignor to said Harris. Rubber and making the same. 2,133,690; Oct. 18.
- Epstein, Albert K., H. L. Reynolds, and M. L. Hartley; said Hartley assignor to said Epstein and said Reynolds assignor to The Emulsol Corporation, Chicago, Ill. Treatment of soya bean oil. 2,140,793; Dec. 20.
- Epstein, Albert K., and M. L. Hartley, Chicago, Ill.; said Hartley assignor to said Epstein. Treatment of soya bean oil. 2,140,794; Dec. 20.
- Epstein, Hyman, Brooklyn, N. Y. Metal reinforcement for suspenders. 2,128,041; Aug. 23.
- Equipment Rental Corporation. (See Hollingsworth, Denzil M., assignor.)
- Equitable Paper Bag Co. Inc. (See Poppe, George W., assignor.)
- Eramo, Patrick A., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Manufacture of ring binders. 2,117,242; May 10.
- Erb, George C., Forest Hills West, assignor to American Can Company, New York, N. Y. Liquid dispenser. 2,138,844; Dec. 6.
- Erb, John W., Martins Ferry, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container, container stock, and making the same. 2,116,107; May 3.
- Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Automatic clutch for multiple V-belt drives. 2,104,074; Jan. 4.
- Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Air conditioning apparatus. 2,111,618; Mar. 22.
- Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Evaporative condenser. 2,117,411; May 17.
- Erbach, Fred R., and R. H. Swart, assignors to General Refrigeration Corporation, Beloit, Wis. Portable air conditioner. 2,117,410; May 17.
- Erbach, Frederick R., Beloit, assignor, by mesne assignments, to Nash Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,107,630; Feb. 8.
- Erban Operating Corporation. (See Madlé, Alain, assignor.)
- Erban Patents Corporation. (See Erban, Richard, assignor.)
- Erban, Richard, New York, N. Y. Transmission. 2,125,999; Aug. 9.
- Erban, Richard, New York, N. Y. Control mechanism for variable speed transmission. 2,127,589; Aug. 23.
- Erban, Richard, assignor to Erban Patents Corporation, New York, N. Y. Torque loading device for adhesive transmission. 2,125,998; Aug. 9.
- Erban, Richard, Vienna, Austria, assignor to Erban Patents Corporation, Gear. 2,127,588; Aug. 23.
- Erbe, Ralph R., Fort Wayne, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Automatic phonograph. 2,137,276; Nov. 22.
- Erbe, Ralph R., Fort Wayne, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Switch device. 2,138,629; Nov. 29.
- Erbe, Ralph R., Fort Wayne, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Automatic phonograph. 2,139,812; Dec. 13.
- Erdle, Reiner W., Chicago, Ill., assignor to Dental Research Corporation. Denture. 2,131,940; Oct. 4.
- Erdle, Reiner W., Chicago, Ill., assignor to Dental Research Corporation. Denture. 2,131,941; Oct. 4.
- Erdman, Harvey C., Shaker Heights, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Manufacture of screws. 2,125,272; Aug. 2.
- Erdmann, Konrad, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Production of metallic magnesium. 2,123,990; July 19.
- Erdmann, Konrad, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Production of magnesium. 2,134,969; Nov. 1.
- Erdmann, Konrad, Radenthein, Carinthia, Austria, F. Hansgirt, Konan, Korea, and G. Schichtel, Radenthein, Carinthia, Austria, assignors to American Magnesium Metals Corporation, Pittsburgh, Pa. Casting of metal. 2,137,715; Nov. 22.
- "Ergavia S. A." (See Wagner, Georges E., assignor.)
- Erhardt, Edward F., and O. A. Dammeier, New Bremen, Ohio. Amusement device. 2,111,848; Mar. 22.
- Erich, Reuben, Avenal, Calif. Inertia switch. 2,137,395; Nov. 22.



- Erich, Reuben, Avenal, assignor of one-third to W. J. Erich and one-third to W. G. Erich, San Joaquin County, Calif. Inertia switch. 2,115,948; May 3.
- Erich, Walter G., et al. (See Erich, Reuben, assignor.)
- Erich, William J., et al. (See Erich, Reuben, assignor.)
- Erichsen, Abraham M., Teltow, near Berlin, Germany. Safety device for machine parts subject to high pressures. 2,108,746; Feb. 15.
- Erichsen, Abraham M., Teltow, near Berlin, Germany. Apparatus for casting metal ingots. 2,119,321; May 31.
- Erichsen, Ruth J., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,138,228; Nov. 29.
- Ericksen, Erick, Astoria, Oreg. Hook. 2,121,908; June 28.
- Erickson, Anton E., Milwaukee, Wis., assignor to United States Rubber Products, Inc., New York, N. Y. Method and apparatus for removing articles from molds. 2,124,613; July 26.
- Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)
- Erickson, Carl R. (See Bardwell, C., Erickson, and Rose.)
- Erickson, Clarence N., Glendale, Calif. Combined resuscitator and inhalator. 2,138,845; Dec. 6.
- Erickson, David A., Hamill, S. Dak. Radiator screen. 2,118,344; May 24.
- Erickson, Erhart, Minneapolis, Minn. Fishline drying reel. 2,129,916; Sept. 13.
- Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Adjustable display rack shelf and mounting therefor. 2,127,721; Aug. 23.
- Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Display rack. 2,127,722; Aug. 23.
- Erickson, Franklin R., Marblehead, and E. D. Dickinson, Lynn, Mass., assignors to General Electric Company. Governing mechanism for elastic fluid turbines. 2,111,420; Mar. 15.
- Erickson, George R., Jackson Heights, N. Y. Level. 2,111,094; Mar. 15.
- Erickson, Gunnar, and T. Berglund, Omaha, Nebr. Collapsible tent. 2,130,919; Sept. 20.
- Erickson, John, Detroit, Mich. Hinge. 2,135,280; Nov. 1.
- Erickson, John R., assignor to Norton Company, Worcester, Mass. Increasing the efficiency of resin bonded grinding wheels. 2,142,049; Dec. 27.
- Erickson, Lawrence and T. K., Minneapolis, Minn. Adjustable waistband for trousers. 2,114,997; Apr. 26.
- Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Automobile steering wheel. 2,106,169; Jan. 25.
- Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Vibrating motor. 2,113,444; Apr. 5.
- Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Safety steering post for automobiles. 2,114,663; Apr. 19.
- Erickson, Roy, assignor of one-half to E. F. Jago, and one-half to R. G. Jago, Chicago, Ill. Handle bar secondary control device. 2,110,989; Mar. 15.
- Erickson, Thorn K. (See Erickson, Lawrence and T. K.)
- Ericson, George R., Kirkwood, Mo. Fuel cooling device. 2,120,779; June 14.
- Ericson, George R., Kirkwood, St. Louis, Mo. Carbureting device. 2,125,899; Aug. 9.
- Ericson, George R., Kirkwood, and J. H. Klasey, St. Louis, Mo., assignors, by mesne assignments, to Bendix Products Corporation, South Bend, Ind. Tire retreading machine. 2,116,512; May 10.
- Ericson, Nils, Stockholm, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Electrodynamic slip coupling. 2,120,352; June 14.
- Ericson, Richard, Chicago, Ill. Air conditioning. 2,124,289; July 19.
- Ericson, Richard, assignor to Universal Insulation Company, Chicago, Ill. Vermiculite ore treatment. 2,139,358; Dec. 6.
- Ericsson, Eric W., Brooklyn, N. Y. Scraper. 2,133,087; Oct. 11.
- Ericsson, Gunnar, Philadelphia, and J. L. Cox, Springfield Township, Montgomery County, assignors to The Midvale Company, Philadelphia, Pa. Closure for pressure vessels. 2,133,934; Oct. 18.
- Erie Resistor Corporation. (See Sherck, Harold C., assignor.)
- Erlksen, Lelf, Oslo, Norway. Producing designs in imitation of paintings. 2,117,705; May 17.
- Erikson, Ehen W., and N. M. Nesset, Glenview, Ill., assignors to Baxter Laboratories, Inc. Filtering means for liquid containers. 2,121,123; June 21.
- Erikson, Leonard O. (See Brown, Lawrence E., assignor.)
- Eriksson-Jons, Anders, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,117,329; May 17.
- Eriksson-Jons, Anders, assignor to Aktiebolaget Electrolux, Stockholm, Sweden. Vacuum cleaner. 2,125,726; Aug. 2.
- Erlandson, Ephraim A., Kennedy, Minn. Plant duster. 2,115,199; Apr. 26.
- Erling, Sven J., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Removing oil from flowing air streams. 2,125,435; Aug. 2.
- Ernst, Carl J. (See Gargen, O. F., and Ernst.)
- Ernst, Clemens J., Sidney, Ohio. Stake pocket for vehicle bodies. 2,140,074; Dec. 13.
- Ernst, Fritz, Kronshagen, near Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Internal combustion engine. 2,119,226; May 31.
- Ernst, Hans, Cincinnati, and A. H. Dall, Silverton, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Automatic dynamic balancer for machine tools. 2,142,021; Dec. 27.
- Ernst, Hans, and R. D. Wortendyke, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Infed cycle control attachment. 2,142,022; Dec. 27.
- Ernst, Herman. (See Flammang, J., Bowser, and Ernst.)
- Ernst, Otto, Larchmont, N. Y. Highway marker. 2,108,370; Feb. 15.
- Ernst, Paul J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 2,118,760; May 24.
- Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Press control system. 2,110,593; Mar. 8.
- Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Pump or motor. 2,130,298; Sept. 13.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Radial pump. 2,130,299; Sept. 13.
- Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Packing ram. 2,136,239; Nov. 8.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Triple-action drawing press. 2,136,240; Nov. 8.
- Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydraulic pump for machine tool drives. 2,137,448; Nov. 22.
- Ernst, Walter, and D. C. Youngblood, Mount Gilead, Ohio, assignors, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydraulically operated mechanical press. 2,113,110; Apr. 5.
- Errera, Attilio, Turin, Italy. Coin computing and delivering apparatus. 2,114,559; Apr. 19.
- Ertel, Fred J. (See Kehr, G. H., and Ertel.)
- Erter, John H., White Plains, assignor to Alco Products Incorporated, New York, N. Y. Condensing method and apparatus. 2,121,218; June 21.
- Ervin, Delbert L., West Palm Beach, Fla. Slur preventer for printing presses. 2,114,374; Apr. 19.
- Erwin, Weldon C., Huntington Park, assignor to J. Grant, Los Angeles, Calif. Well cleaning system. 2,107,631; Feb. 8.
- Erwin, Weldon C., and C. H. Sweet, Brea, assignors to J. Grant, Los Angeles, Calif. Well tool. 2,133,383; Oct. 18.
- Erwood, Joseph, Chicago, Ill., assignor, by mesne assignments, to Electro-Acoustic Products Co., Fort Wayne, Ind. Sound and projection apparatus. 2,127,590; Aug. 23.
- Erxleben, Herman, Albany, N. Y. Seaming device. 2,120,607; June 14.
- Esch, Carleton B., Indianapolis, Ind. Card holder. 2,127,906; Aug. 23.
- Esgr6, Sam, assignor of forty-nine one-hundredths to C. A., Mrs. C. W., and R. N. Jean, Memphis, Tenn. Merchandise dispensing system. 2,127,769; Aug. 23.
- Eshman, Louis A., Los Angeles, Calif. Hemostat. 2,104,029; Jan. 4.
- Eskimo Pie Corporation. (See Elwell, Edwin L., assignor.)
- Eskin, Samuel G., Clayton, assignor to American Thermometer Company, St. Louis, Mo. Electric thermostat. 2,121,079; June 21.
- Eslick, Frederick M., Pass Christian, Miss. Firearms sighting device. 2,128,526; Aug. 30.
- Esmond Mills, The. (See Cobb, Boughton, assignor.)
- Esnard, Miguel, Matanzas, assignor to Shelby Hart Rowlett, Habana, Cuba. Washer for faucets. 2,132,894; Oct. 11.
- Espe, Albert O., Crookston, Minn. Disk harrow. 2,114,049; Apr. 12.
- Espe, Werner. (See Kerschbaum, H., and Espe.)
- Espe, Werner, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Improving the vacuum of discharge apparatus. 2,112,082; Mar. 22.
- Espe, Werner, assignor to Siemens & Halske Aktien Gesellschaft, Berlin-Siemensstadt, Germany. Magnetron. 2,114,339; Apr. 19.
- Espe, Werner, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Emissive incandescent cathode. 2,121,589; June 21.
- Espe, Werner, assignor to Siemens Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Vacuum and gas-tight vessel for electric apparatus. 2,121,590; June 21.
- Espe, Werner, assignor to Siemens Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Glow cathode. 2,125,105; July 26.
- Espeland, Anthony B., Humboldt County, Iowa. Combined sweep rake and stacker. 2,114,706; Apr. 19.



- Espenschied, Helmut, Metuchen Township, Middlesex County, N. J., assignor to National Lead Company, New York, N. Y. Pigmentary lead titanate and making the same. 2,140,222; Dec. 13.
- Espig, Hermann, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing a phosphorescent material. 2,116,167; May 3.
- Espinosa, Harry, North Bergen, N. J. Brake equalizer. 2,130,179; Sept. 13.
- Espley, Dennis C., North Wembley, assignor to The General Electric Company Limited, London, England. Synchronizing means. 2,140,107; Dec. 13.
- Esposito, August E., Brooklyn, N. Y. Bottle cap. 2,134,178; Oct. 25.
- Esselen, Gustavus J., Swampscott, Mass., assignor to The A. S. Boyle Company, Cincinnati, Ohio. Nonshrinking woodlike plastic composition. 2,105,111; Jan. 11.
- Esselen, Gustavus J., Swampscott, Mass., assignor to The A. S. Boyle Company, Cincinnati, Ohio. Plastic material. 2,131,371; Sept. 27.
- Esserman, Samuel, Brooklyn, N. Y. Slide operated fastener installation. 2,126,317; Aug. 9.
- Essery, Evan R., Maywood, assignor to Standard Oil Company, Chicago, Ill. Liquid storing and dispensing device. 2,134,865; Nov. 1.
- Essex, Jesse L. (See Nichols, A. S., and Essex.)
- Essex Rubber Company. (See Oakley, Laurence M., assignor.)
- Essmus, Sycivrous. (See Ritter, J., Jr., and Essmus.)
- Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)
- Estate Stove Company, The. (See Kahn, B. B., and Hake, assignors.)
- Estelles, Guillermo, London, England. Adjusting driving chains. 2,139,941; Dec. 13.
- Estep, Arthur C., assignor to The Whiteacre-Green Fireproofing Company, Waynesburg, Ohio. Mold plug. 2,113,445; Apr. 5.
- Esters, Joseph H., assignor to Harnischfeger Corporation, Milwaukee, Wis. Car body. 2,134,866; Nov. 1.
- Estes, David N., Carlsbad, N. M. Sign. 2,126,678; Aug. 9.
- Estes, Joseph C., Woonsocket, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,131,462; Sept. 27.
- Estes, Joseph C., Woonsocket, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,131,463; Sept. 27.
- Estes, Joseph C., Woonsocket, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,131,464; Sept. 27.
- Estes, Joseph H., Miami, Fla., assignor to J. W. Allen and W. E. Kent, Newton, and H. W. Packer, Wellesley, Mass. Fiber liberation. 2,128,928; Sept. 6.
- Estes, Joseph H., Boston, assignor to J. W. Allen and E. E. Kent, Newton, and H. W. Packer, Wellesley, Mass. Article of manufacture from fibers of bast or leaf origin. 2,128,929; Sept. 6.
- Estes, Russell F., Laramie, Wyo. Typewriter keyboard. 2,120,174; June 7.
- Estoppey, Georges L., Dayton, Ohio. Bomb sighting device. 2,118,041; May 24.
- Estrates, Eustace D., Irvington, and A. Psihas and G. Lesfakis, Newark, N. J. Convertible typewriter cabinet. 2,125,777; Aug. 2.
- Etablissements Favant. (See Poussel, Léopold, assignor.)
- Etablissements Mighom. (See Jordi, René J., assignor.)
- Etchison, James W., Cleveland, Ohio. Hydraulic brake apparatus. 2,107,111; Feb. 1.
- Etheredge, Lucius K. (See Wilson, Paul B., assignor.)
- Etheridge, James P., et al. (See Chewning, Emmett E., assignor.)
- Ethridge, Albert S., assignor to Hummel & Downing Co., Milwaukee, Wis. Display container. 2,141,743; Dec. 27.
- Ethridge, James M., Mesilla Park, N. Mex. Delinting cotton seed. 2,124,816; July 26.
- Etsten, Morris H., assignor to Independent Lock Company, Fitchburg, Mass. Lock. 2,105,590; Jan. 18.
- Etten, Nicholas L. (See Voss, W. K., and Etten.)
- Etten, Nicholas L., Waterloo, Iowa. Slide fastener attachment. 2,111,924; Mar. 22.
- Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Wringer mechanism. 2,116,755; May 10.
- Etten, Nicholas L., and F. A. Christensen; said Etten assignor to Chamberlain Corporation, Waterloo, Iowa. Wringer mechanism. 2,127,479; Aug. 16.
- Ettinger, Armin. (See Baumann, K., and Ettinger.)
- Ettinger, Wallace J., Chicago, Ill., assignor to Edison General Electric Appliance Corporation, Inc. Temperature control device. 2,128,807; Aug. 30.
- Etl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Machine for handling strip material. 2,125,336; Aug. 2.
- Etl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Drying apparatus. 2,128,697; Aug. 30.
- Etl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Drying apparatus. 2,128,698; Aug. 30.
- Etzel, Gastao. (See Henke, C. O., and Etzel.)
- Etzel, Gastao. (See Holt, L. C., and Etzel.)
- Etzel, Paul, Buffalo, N. Y. Hinge mounting for doors and the like. 2,121,790; June 28.
- Etzelmiller, Robert E., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing and printing compositions. 2,138,572; Nov. 29.
- Etzenhouser, Merrill A., and W. D. Hawn, Independence, Mo.; said Hawn assignor to said Etzenhouser. Cutting device. 2,140,901; Dec. 20.
- Euclid Road Machinery Company, The. (See Armington, Arthur P., assignor.)
- Eugene, Ltd. (See Calvete, Isidoro B., assignor.)
- Eugene, Ltd. (See Durham, Robert N., assignor.)
- Eugene, Ltd. (See Durham, H. N., and Finnegan, assignors.)
- Eugene, Ltd. (See Finnegan, George B., Jr., assignor.)
- Eugene, Ltd. (See Moulin, Pierre L., assignor.)
- Eugene Ltd. (See Suter, Eugene F., assignor.)
- Eugene Ltd. (See Suter, E. F., and Finnegan, assignors.)
- Eula, Marte. (See Mednick, M., and Eula.)
- Eule, Martin, Berlin-Spandau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator with forced passage of the operating medium. 2,113,833; Apr. 12.
- Eule, Martin, Berlin-Spandau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator with forced passage of the operating medium. 2,126,248; Aug. 9.
- Eulenhöfer, Adolf, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Picture telegraph. 2,137,606; Nov. 22.
- Euler, Arthur E., Oakland, Calif. Spectacle and eyeglass frame or mounting. 2,136,679; Nov. 15.
- Euler, Arthur E., Oakland, Calif. Fitover frame for glasses. 2,141,063; Dec. 20.
- Euler, Hans V., H. Albers, and F. Schlenk, Stockholm, Sweden, assignors to E. Bilhuber, Inc., Jersey City, N. J. Nonsynzymatic activator and making same. 2,141,128; Dec. 20.
- Eureka Prospect. (See Stott, George F., assignor.)
- Eureka Vacuum Cleaner Company. (See Aitken, Alex, assignor.)
- Eustis, Irving N., assignor to Fairmont Railway Motors, Inc., Fairmont, Minn. Mounting mechanism for vehicle bodies. 2,138,484; Nov. 29.
- Eustis, J. P., Manufacturing Company. (See Keefe, Thomas C., assignor.)
- Eustis, Warner, Newton, assignor to The Kendall Company, Walpole, Mass. Surgical dressing. 2,133,609; Oct. 18.
- Euth, John E., Chicago, Ill., assignor to United Autographic Register Co. Typewriter attachment. 2,109,288; Feb. 22.
- Euth, John E., assignor to United Autographic Register Co., Chicago, Ill. Cash receptacle. 2,111,319; Mar. 15.
- Euth, John E., Chicago, Ill., assignor to United Autographic Register Co. Carbon holding device. 2,121,499; June 21.
- Euth, John E., Chicago, Ill., assignor to United Autographic Register Co. Carbon holding and retracting device for duplicating machines. 2,132,068; Oct. 4.
- Euwer, Herbert D., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. Air conditioning unit. 2,112,277; Mar. 29.
- Euwer, Herbert D., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. Reversible flow air conditioning system. 2,139,262; Dec. 6.
- Evans, Arthur J., Columbus, N. Mex. Windmill governor. 2,125,222; July 26.
- Evans, Benjamin A. (See Stewart, G. H., and Evans.)
- Evans Case Company. (See Bowen, William F., assignor.)
- Evans Case Company. (See Gibson, Thomas M., assignor.)
- Evans Case Company. (See Harrer, Hans, assignor.)
- Evans Case Company. (See Kun, Eugene, assignor.)
- Evans Case Company. (See Reilly, Alfred E., assignor.)
- Evans Case Company. (See Wakefield, Frank E., assignor.)
- Evans Case Company. (See Zipper, Walter, assignor.)
- Evans, Charles E., Aurora, Ill. Spectacle lens. 2,109,474; Mar. 1.
- Evans, Charles E., Aurora, Ill. Lens grinding machine. 2,112,836; Apr. 5.
- Evans, Charles E., Seattle, Wash.; M. A. Evans, owner by decree of distribution. Rope tying machine. 2,124,770; July 26.
- Evans, Charles E., assignor of one-fourth to L. G. Howard, Council Bluffs, Iowa. Sealing device. 2,128,128; Aug. 23.
- Evans, Charles E., assignor of one-fourth to L. G. Howard, Council Bluffs, Iowa. Vacuum indicating device. 2,130,180; Sept. 13.
- Evans, Charles E., Council Bluffs, Iowa. Animal trap. 2,138,092; Nov. 29.
- Evans, Charles J., and S. C., Lowestoft, England. Electromagnetic switching system. 2,131,942; Oct. 4.
- Evans, Charles S. (See Murad, Walter, assignor.)
- Evans, Charles S., Oakland, Calif. Measuring instrument. 2,124,550; July 26.
- Evans, Charles S., Oakland, assignor to Forreder Cornice Works, San Francisco, Calif. Refrigerator. 2,106,909; Feb. 1.



- Evans, Clarence T., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Alternating current electromagnet. 2,109,741; Mar. 1.
- Evans, Clarence T., Wauwatosa, and H. E. Heller, West Allis, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,134,179; Oct. 25.
- Evans, Clifford F., assignor to Gordon Novelty Company, Los Angeles, Calif. Game apparatus. 2,104,740; Jan. 11.
- Evans Concinnum Limited. (See Barker, Henry J., assignor.)
- Evans, David E., assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Carding device for interchangeable artificial teeth. 2,111,095; Mar. 15.
- Evans, David F., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Article closure and applying same. 2,141,744; Dec. 27.
- Evans, Edwin J., Venice, Calif., assignor to E. B. McCabe, Salt Lake City, Utah. Can opener and cover. 2,104,978; Jan. 11.
- Evans, Eugene M., assignor of one-tenth to E. J. Tietjen, Jefferson City, Mo. Power generating apparatus. 2,129,413; Sept. 6.
- Evans, Eugene M., assignor of ten per cent to E. J. Tietjen, Jefferson City, Mo. Water ejector. 2,130,300; Sept. 13.
- Evans, Francis C. (See Farmer, P. M., and Evans.)
- Evans, Frank E. (See Travis, Alvin J., assignor.)
- Evans, Gordon M., Dearborn, Mich. Heat transferring tube structure. 2,107,031; Feb. 1.
- Evans, Gordon M., Dearborn, Mich. Shaft seal. 2,127,591; Aug. 23.
- Evans, Griffith, Detroit, Mich. Razor blade sharpener. 2,114,919; Apr. 19.
- Evans, Harry W. (See Knox, H. A., and Evans.)
- Evans, Harry O. N., Jr., Pittsburgh, Pa. Radio program announcer. 2,105,527; Jan. 18.
- Evans, Howard R., and W. C. Hulsman, San Jose, Calif. Can stacking machine. 2,135,805; Nov. 8.
- Evans, James B., South Williamsport, Pa. Piston expander. 2,115,304; Apr. 26.
- Evans, James M., Detroit, Mich., assignor, by mesne assignments, to Grade Crossing Guard Corporation, Memphis, Tenn. Pump structure. 2,105,999; Jan. 18.
- Evans, John, Collingswood, N. J., assignor to Radio Corporation of America. Constant radio frequency generator. 2,104,916; Jan. 11.
- Evans, John, Collingswood, N. J., assignor to Radio Corporation of America. Ultrahigh frequency oscillator. 2,113,310; Apr. 5.
- Evans, John, Oaklyn, N. J., assignor to Radio Corporation of America. Ultrahigh frequency apparatus. 2,125,900; Aug. 9.
- Evans, John G., and C. E. Salkeld, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Finishing textile materials. 2,125,901; Aug. 9.
- Evans, John G., Blackley, and S. A. Slater, Strefford, England, assignors to Imperial Chemical Industries Limited. Treating cellulosic fiber. 2,130,460; Sept. 20.
- Evans, Louis P., Woodbury, N. J., assignor to The Texas Company, New York, N. Y. Counterflow apparatus. 2,121,318; June 21.
- Evans, Luke P., Swanwick, near Alfreton, England. Heating building. 2,117,712; May 17.
- Evans Manufacturing Company, The. (See Lion, H. S., and Rohrer, assignors.)
- Evans, Merlin H., and C. H. Sayre, assignors to Trayer Products Incorporated, Elmira, N. Y. Brake pedal depressor. 2,138,911; Dec. 6.
- Evans, Minnie A. (See Evans, Charles E.)
- Evans, Percival T., Coventry, England. Method of and apparatus for manufacturing links for V-beltting from sheet material. 2,117,057; May 10.
- Evans, Powell, Haverford, Pa. Fire extinguisher. 2,127,395; Aug. 16.
- Evans, Powell, Haverford, assignor to Merchant & Evans Company, Philadelphia, Pa. Fire control apparatus. 2,138,149; Nov. 29.
- Evans Products Company. (See Christman, John N. H., assignor.)
- Evans Products Company. (See Lintern, William, assignor.)
- Evans Products Company. (See Lintern, William and J. B., assignors.)
- Evans Products Company. (See Strid, S. J., and Taylor, assignors.)
- Evank, Ralph L., New York, and E. G. McDonough, Mount Vernon, assignors to Zotos Corporation, New York, N. Y. Waving hair. 2,111,558; Mar. 22.
- Evans, Raymond J. (See Scheider, J. L., Flugge, and Evans.)
- Evans, Richard B. (See Parkes, D. W., and Evans.)
- Evans, Robert G. N., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Bearing. 2,131,170; Sept. 27.
- Evans, Ronald K. (See Stief, R., and Evans.)
- Evans, Samuel J., Princeton, W. Va. Automatic resetting trap. 2,139,674; Dec. 13.
- Evans, Seth, Houston, Tex. Packing for pipe joint. 2,104,799; Jan. 11.
- Evans, Sidney J., Cleveland, Ohio. Chemical receptacle for attachment to garment hangers. 2,139,404; Dec. 6.
- Evans, Stanley C. (See Evans, Charles J. and S. C.)
- Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilization of aliphatic symmetrical isoethers. 2,107,069; Feb. 1.
- Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilization of aliphatic mixed ethers. 2,114,832; Apr. 19.
- Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilized compositions comprising aliphatic ethers. 2,130,078; Sept. 13.
- Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Inhibition of peroxide formation in aliphatic symmetrical isoethers. 2,130,079; Sept. 13.
- Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Inhibition of peroxide formation in aliphatic ethers. 2,130,080; Sept. 13.
- Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilized compositions comprising aliphatic ethers. 2,132,017; Oct. 4.
- Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Inhibition of peroxide formation in ethers. 2,132,018; Oct. 4.
- Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Inhibition of peroxide formation in aliphatic ethers. 2,132,019; Oct. 4.
- Evans, Theodore, Martinez, assignor to Shell Development Company, San Francisco, Calif. Dehydration of organic oxy compounds. 2,140,694; Dec. 20.
- Evans, Theodore, Oakland, and K. R. Edlund, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Concentrating organic acids. 2,107,527; Feb. 8.
- Evans, Theodore, Martinez, and K. R. Edlund, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Mixed tertiary ethers. 2,139,359; Dec. 6.
- Evans, Walter P., et al. (See Bullington, Aubrey E., assignor.)
- Evans, Wayne S. (See Rosenberg, F., Evans, and Lutz.)
- Evans, William E., Waterbury, assignor to Waterbury Lock & Specialty Company, Milford, Conn. Measuring rule device. 2,110,210; Mar. 8.
- Evans, William J., Bulwell, Nottingham, England. Drawing apparatus. 2,141,350; Dec. 27.
- Evans, Willie, London, England. Pianoforte. 2,113,045; Apr. 5.
- Evanson Company, The. (See Schmidt, Richard W., assignor.)
- Even-Cut Abrasive Band & Equipment Corporation. (See Maddox, William J., assignor.)
- Evered & Company Limited. (See Mitchell, James G., assignor.)
- Everel Products Corporation. (See Everts, Walter W., assignor.)
- Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Receptacle cleaning and filling machine. 2,107,474; Feb. 8.
- Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Container filling machine. 2,136,421; Nov. 15.
- Everett, Charles V., assignor to The Massey-Harris Company, Racine, Wis. Combined wide and tandem disk harrow. 2,113,832; Apr. 12.
- Everett, E. A., Inc. (See Everett, Edward A., assignor.)
- Everett, Edward A., Long Island City, N. Y. Electric bond and method of attachment for rail joints. 2,112,694; Mar. 29.
- Everett, Edward A., Long Island City, N. Y. Drilling machine. 2,113,723; Apr. 12.
- Everett, Edward A., deceased; G. A. Nelson and W. R. Loughridge, executors, assignors to E. A. Everett, Inc., Long Island City, N. Y. Lightning arrester. 2,131,717; Sept. 27.
- Everett, R. O., et al. (See Utsman, George W., assignor.)
- Everett, Samuel J. (See Raebuck, L. N., and Everett.)
- Everhard, Harry H., Canton, Ohio. Screen construction. 2,126,544; Aug. 9.
- Everhart, E. E., et al. (See Everhart, Gillock, assignor.)
- Everhart, George W., et al. (See Everhart, Gillock, assignor.)
- Everhart, Gillock, assignor of one-third to G. W. Everhart, Lawrence, Kans., and one-third to E. B. Everhart, Kansas City, Mo. Automatic cable release lock for cameras. 2,129,998; Sept. 13.
- Everlastik, Incorporated. (See Hesse, Richard, assignor.)
- Everlastik, Incorporated. (See Holskins, Albert A., assignor.)
- Evansole, James F., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Making formaldehyde. 2,111,584; Mar. 22.
- Everson, Roy E., Chicago, Ill. Gas measuring and dispensing apparatus. 2,135,302; Nov. 1.
- Everson, Roy E., Chicago, Ill. Swimming pool cleaner. 2,111,811; Dec. 27.
- Everts, Walter W., assignor to Everel Products Corporation, Baltimore, Md. Propeller. 2,134,269; July 19.
- Everts, Walter W., assignor to Everel Products Corporation, Baltimore, Md. Adjustable propeller. 2,134,660; Oct. 20.



- Everts, Walter W., assignor to Everel Propeller Corporation, Baltimore, Md. Variable pitch propeller. 2,134,661; Oct. 25.
- Eves, Harold T., assignor to J. & T. M. Greeves Limited, Belfast, Northern Ireland. Machine for drawing flax, wool, and other fibers for forming slivers or yarn. 2,111,925; Mar. 22.
- Eves, Reginald V., assignor to J. & T. M. Greeves Limited, Belfast, Northern Ireland. Machine for drawing flax, wool, and other fibers for forming slivers or yarn. 2,111,926; Mar. 22.
- Evjen, Haakon M., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Gravimeter. 2,117,471; May 17.
- Eyulich, Anton, San Francisco, Calif. Door stop. 2,105,216; Jan. 11.
- Ewald, Charles J., Columbus, Ohio. Attachment for beds. 2,106,834; Feb. 1.
- Ewald, George A. (See Havourd, R. M., and Ewald.)
- Ewald, Heinrich K. F., Chemnitz, assignor to Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges. Schonau-Chemnitz, Germany. Device for calculating machines, accounting machines, writing and like machines. 2,107,374; Feb. 8.
- Ewald, Heinrich K. F., Chemnitz, and J. Gebhardt, assignors to Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges., Siegmarsch-Schonau, Germany. Control mechanism for calculating machines. 2,141,269; Dec. 27.
- Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Peeling knife. 2,123,187; July 12.
- Ewald, Wolfgang F., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning indicator circuit. 2,122,562; July 5.
- Ewerhardt, Frank H., St. Louis, Mo. Articulated posture manikin. 2,136,207; Nov. 8.
- Ewest, Hans, Berlin-Lichterfelde-Ost, and G. Gaidies, Berlin-Pankow, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,116,672; May 10.
- Ewing, Elmer T., Auburn, Wash. Paint brush holder and conditioning device. 2,127,682; Aug. 23.
- Ewing, Frederick J., Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Purifying naphthenic acids. 2,133,765; Oct. 18.
- Ewing, Frederick J., Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Purification of naphthenic acids. 2,133,766; Oct. 18.
- Ewing, Hugh W., Chicago, Ill. Air inlet means for incinerators and furnaces. 2,119,322; May 31.
- Ewing, Hugh W., Chicago, Ill. Garbage burner. 2,124,447; July 19.
- Ewing, Samuel C., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,109,370; Feb. 22.
- Ewing, Wylie B., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Composite pipe. 2,106,404; Jan. 25.
- Ewing, Wylie B., Wheeling, W. Va., assignor, by mesne assignments, to Vulcan Rail and Construction Company, Maspeth, N. Y. Post supporting structure and manufacture thereof. 2,129,999; Sept. 13.
- Excel Auto Radiator Company. (See Sperry, Philmore F., assignor.)
- Excel Curtain Company. (See Holt, T. W., and Levan, assignors.)
- Ex-Cell-O Corporation. (See Alden, Carroll R., assignor.)
- Ex-Cell-O Corporation. (See Snader, I. J., and Birkebak, assignors.)
- Excello Hosiery Mills et al. (See Rinehart, A., and Mendelsohn, assignors.)
- Excelsior Accordion Manufacturing Co. Inc. (See Pancotti, Roberto, assignor.)
- Exel, George, Clifton, N. J. Two-cycle engine. 2,119,878; June 7.
- Exhibit Supply Company. (See Binks, Melvin J., assignor.)
- Exhibit Supply Company. (See Kramer, E., Shields, and Gitelson, assignors.)
- Exhibit Supply Company. (See Radtke, Bruno, assignor.)
- Exhibit Supply Co. (See Radtke, B., and Kirk, assignors.)
- Exley, Leo F., Johnson City, assignor to Endicott Johnson Corporation, Endicott, N. Y. Mold for shoe counters. 2,116,940; May 10.
- Exline, Katharine H. (See Exline, Marcus P. and K. H.)
- Exline, Marcus P., and K. H., Dallas, Tex. Cravat or necktie. 2,104,977; Jan. 11.
- Exner-Dodge Packer Company, The. (See Fulkerson, Richard E., assignor.)
- Expanded Metal Company, The. (See Clay, Ralph A., assignor.)
- Expello Corporation. (See Dunaway, Sanford J., assignor.)
- Experimental Laboratories, Inc. (See Dunham, Clayton A. and A. R., assignors.)
- Extractol Process, Ltd. (See Bonatto, Michele, assignor.)
- Eyerly, Lee U., Salem, Oreg. Rotating amusement device. 2,113,131; Apr. 5.
- Eynon, Howard B., and M. C. Burr, assignors to Pure Carbon Company, Inc., St. Marys, Pa. Self-lubricating bearing. 2,117,550; May 17.
- Fyrick, Philip A., Arlington, and W. B. Hopkins, Marshfield, assignors to National Company, Inc., Malden, Mass. Ice crusher. 2,123,827; July 12.
- Fyring, Herbert, North Olmsted, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Ornamented grille blade. 2,123,003; July 5.
- Ezaki, Seiichi, Nishiyodogawa-Ku, Osaka, Japan. Producing powdered cocoa substitution. 2,106,372; Jan. 25.
- Ezell, Augustus L., Bessemer, Ala. Mortaring device. 2,115,142; Apr. 26.
- Ezell, Lemuel M., Nashville, Tenn. Food cutter. 2,126,100; Aug. 9.
- F. N. F. Limited. (See Morton, James, assignor.)
- F. N. F. Limited. (See Morton, J., and Hannay, assignor.)
- Faas, Walter, South Orange, assignor to The Bates Manufacturing Company, West Orange, N. J. Perforator. 2,137,716; Nov. 22.
- Fabbrica Italiana Magneti Marelli Società Anonima. (See Kamenarović, Leone, assignor.)
- Fabbrica Italiana Magneti Marelli Soc. An. (See Quintavalle, Umberto, assignor.)
- Fabbro, Antonio, Tampa, Fla. Expansion joint. 2,131,798; Oct. 4.
- Faber, Erich, Bridgeport, Conn., assignor to General Electric Company. Agitator for washing machines. 2,110,661; Mar. 8.
- Faber, Ernst, Stuttgart, Germany. Vacuum cleaner. 2,107,819; Feb. 8.
- Faber, Ernst, Stuttgart, Germany. Polishing machine. 2,113,475; Apr. 5.
- Faber, Gertrude. (See Faber, Philip, assignor.)
- Faber, Herbert A., Cincinnati, Ohio. Air filter and humidifier. 2,106,025; Jan. 18.
- Faber, Herbert A., Cincinnati, Ohio. Structural unit. 2,129,369; Sept. 6.
- Faber, Herbert A., Cincinnati, Ohio. Expansion providing roof structure. 2,133,088; Oct. 11.
- Faber, Herbert A., Cincinnati, Ohio. Monolithic slab floor construction. 2,140,283; Dec. 13.
- Faber, John, Jr., Haledon, N. J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Curtain stretching and drying apparatus. 2,126,762; Aug. 16.
- Faber, John, Jr., Haledon, N. J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Shirt gusset pressing machine. 2,135,614; Nov. 8.
- Faber, John P., Dunellen, assignor to Ransome Concrete Machinery Company, Plainfield, N. J. Seal for rotary concrete mixing drums. 2,122,249; June 28.
- Faber, John P., Dunellen, assignor to Ransome Concrete Machinery Company, Plainfield, N. J. Concrete mixer with two compartment drum. 2,136,045; Nov. 8.
- Faber, Philip, assignor to Gertrude Faber, Brooklyn, N. Y. Game. 2,127,396; Aug. 16.
- Faber & Schleicher. (See Reinartz, Robert, assignor.)
- Faber & Schleicher, A. G. (See Wormser, Arthur, assignor.)
- Faber-Schneider Radiator Co. (See Steffey, Grover C., assignor.)
- Fabian, August, New York, N. Y. Animal trap. 2,128,808; Aug. 30.
- Fabbrica Italiana Magnetica Marelli Soc. An. (See Quintavalle, Umberto, assignor.)
- Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Sealed receptacle. 2,113,176; Apr. 5.
- Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Sealed receptacle. 2,134,359; Oct. 25.
- Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Making receptacle sealing caps. 2,141,856; Dec. 27.
- Fabriksaktiebolaget Haldatexametern. (See Ostberg, Karl G., assignor.)
- Fabry, W. H. (See Tucker, Edgar M., assignor.)
- Fabula, Andrew. (See Margles, S. G., and Fabula.)
- Fackler, Ceta M., assignor of one-half to W. O. Weiskotten, San Diego, Calif. Hat stand. 2,107,178; Feb. 1.
- Facktt, George P. (See Pearne, F. Y., and Facktt.)
- Factor, Samuel R. (See Alstadt, B. E., and Factor.)
- Fader, James W., Dorchester, Mass. Manifold mechanism for typewriters. 2,141,064; Dec. 20.
- Faffer, Rhoda, trustee. (See Lewis, Frank D., assignor.)
- Fafnir Bearing Company, The. (See Leister, Fayette, assignor.)
- Fafnir Bearing Company, The. (See Searles, Raymond R., assignor.)
- Fafnir Bearing Company, The. (See Smith, John W., assignor.)
- Fagan, John P., assignor to Interlake Iron Corporation, Chicago, Ill. Road surface and paving blocks for forming such surface. 2,138,270; Nov. 29.
- Fagan, Lewis E., Chicago, and A. B. Mojonnier, Park Ridge, Ill., assignors to Mojonnier Bros. Co. Bottle capping machine. 2,138,271; Nov. 29.
- Fageol, Frank R. and W. B. Kent, Ohio, assignors of one-fifth to Strauch & Hoffman, Washington, D. C. Unit section automotive vehicle. 2,128,930; Sept. 6.
- Fageol, William B. (See Fageol, Frank R. and W. B.)
- Fageol, William B. (See Leibing, W. E., and Fageol.)
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Motor vehicle and vehicle driving mechanism. 2,118,810; May 31.
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Driving mechanism. 2,118,811; May 31.



- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Driving mechanism. 2,118,812; May 31.
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Cooling apparatus for automotive vehicles. 2,123,991; July 19.
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Pneumatic-tired highway and rail vehicle. 2,140,421; Dec. 13.
- Fahey, Richard J. (See Waring, R. W., and Fahey.)
- Fahlberg-List Aktiengesellschaft Chemische Fabriken. (See Hahn, H., and Memminger, assignors.)
- Fahlberg-List Aktiengesellschaft Chemische Fabriken. (See Memminger, Karl, assignor.)
- Fahlen, Frederick T., Phoenix, Ariz. Single-trigger device. 2,134,604; Oct. 25.
- Fahrne, Peter J., Rochester, N. Y. Egg container. 2,138,418; Nov. 29.
- Faile, Fred G., assignor to The Leonard Electric Manufacturing Company, Cleveland, Ohio. Electric switch device. 2,111,421; Mar. 15.
- Failing, George E., Supply Company, The. (See Gargile, Clifton, assignor.)
- Failor, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,114,899; Apr. 19.
- Fain, Charles W., Daytona Beach, Fla. Tooth brush. 2,120,604; June 14.
- Fair, Gordon M., and W. F. Wells, Cambridge, Mass.; said Wells assignor to said Fair. Odor observer and odor meter. 2,136,844; Nov. 15.
- Fair, Irvin E., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crystal holder. 2,123,236; July 12.
- Fair, James M., Pittsburgh, Pa. Rail anchor. 2,138,447; Nov. 29.
- Fairall Color Corporation. (See Fairall, Harry K., assignor.)
- Fairall, Harry K., Hollywood, Calif., assignor to Fairall Color Corporation. Color motion picture producing apparatus. 2,138,846; Dec. 6.
- Fairbairn, Alasdair W., and W. Engs, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of unsaturated ketones. 2,139,360; Dec. 6.
- Fairbairn, George C. (See Ransom, S. H., Jr., and Fairbairn.)
- Fairbanks, E. and T., and Company. (See Jacobus, A. B., and Hadley, assignors.)
- Fairbanks, Edwin B., Coldwater, assignor to General Railway Signal Company, Rochester, N. Y. Detachable terminal board for electrical devices. 2,125,256; July 26.
- Fairbanks, Morse & Co. (See Anderson, Gordon R., assignor.)
- Fairbanks, Morse & Co. (See Antonsen, Anker K., assignor.)
- Fairbanks, Morse & Company. (See Cook, Robert V., assignor.)
- Fairbanks, Morse & Co. (See Dehn, William C., assignor.)
- Fairbanks, Morse & Co. (See Frankel, Mortimer, assignor.)
- Fairbanks, Morse & Co. (See Gebert, Sever C., assignor.)
- Fairbanks, Morse & Co. (See Grutzner, Fritz P., assignor.)
- Fairbanks, Morse & Co. (See Guthrie, Bernard M., assignor.)
- Fairbanks, Morse & Co. (See Hobart, Franklin G., assignor.)
- Fairbanks, Morse & Co. (See Macnabb, Vernon C., assignor.)
- Fairbanks, Morse & Co. (See Ritz, Frederick, assignor.)
- Fairbanks, Morse & Co. (See Taylor, James H., assignor.)
- Fairchild Aerial Camera Corporation. (See Black, William A., assignor.)
- Fairchild Aerial Camera Corporation. (See Weiblen, E. C., and Doyle, assignors.)
- Fairchild, Alice M., assignor to Sears, Roebuck and Co., Chicago, Ill. Spark plug. 2,128,457; Aug. 30.
- Fairchild, Charles O., St. Albans, assignor to Charles Tagliabue Mfg. Co., Brooklyn, N. Y. Recording on a strip chart. 2,121,346; Sept. 27.
- Fairey Aviation Company, The. (See Lobell, M. J. O., and Voss, assignors.)
- Fairey, Charles R., Hayes, England. Blade for airscrews and the like. 2,135,887; Nov. 8.
- Fairfield Engineering Company, The. (See Haines, George H., assignor.)
- Fairfield, T. J. (See Farmer, C. S., Beaver, and Fairfield.)
- Fairlie, Matthew. (See Vobach, A. C., and Fairlie.)
- Fairlie, Matthew, Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining. 2,136,788; Nov. 15.
- Fairmont Creamery Co., The. (See Chavers, N. B., W. C. and L. Kinsey and Howe.)
- Fairmont Railway Motors, Inc. (See Eustis, Irving N., assignor.)
- Fairmont Railway Motors, Inc. (See Midgley, Joseph, assignor.)
- Fairmount Glass Works, Inc. (See Sweeney, J. A., and Ren, assignors.)
- Fairmount Tool and Forging Company, The. (See Kroecker, Jacob J., assignor.)
- Fairrie, James L., London, England. Molding machine. 2,117,156; May 10.
- Fairway Real Estate Company, The. (See Phillips, Charles H., assignor.)
- Fairweather, David A. W. (See Goldstein, R. F., McQueen, and Fairweather.)
- Fairweather, David A. W., Grangemouth, Scotland, assignor to Imperial Chemical Industries Limited. Manufacture of bromonaphthoic acid. 2,129,917; Sept. 13.
- Faitelowitz, Arnold, Suresnes, France, assignor of seventy-five per cent to M. Bunimovitch, Brussels, Belgium. Reducing potatoes and other starch-containing vegetables to the form of a dry powder. 2,119,155; May 31.
- Faiver, Amiel L., Buena Park, assignor to Diffuser Corporation, Fullerton, Calif. Diffuser. 2,122,639; July 5.
- Falck, Fritz W. (See Eisenberg, I. W., and Falck.)
- Falcon Machine and Tool Co. (See Schmadeke, Herman R., assignor.)
- Falconbridge Nickel Mines Limited. (See Gronningsaeter, Anton M., assignor.)
- Falconer, Douglas, et al. (See Davies, William J., assignor.)
- Fales, Emanuel F., Sr., Portsmouth, Va. Cleanout device for stoves. 2,141,812; Dec. 27.
- Falge, Robert N., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Head lamp testing apparatus. 2,111,585; Mar. 22.
- Falge, Robert N., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lens. 2,137,079; Nov. 15.
- Falk-Baxter, Inc. (See Hoelzel, Frederick, assignor.)
- Falk, Bernard S., Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Lock. 2,104,981; Jan. 11.
- Falk Corporation, The. (See Bade, Alfred G., assignor.)
- Falk Corporation, The. (See Brown, Ralph W., assignor.)
- Falk Corporation, The. (See Falk, Herman W., assignor.)
- Falk Corporation, The. (See Kelley, J. B., and Schmitter, assignors.)
- Falk Corporation, The. (See Schmitter, Walter P., assignor.)
- Falk, Harry N., Chicago, assignor to Baxter Laboratories, Inc., Glenview, Ill. Container. 2,108,583; Feb. 15.
- Falk, Herman W., assignor to The Falk Corporation, Milwaukee, Wis. Machine tool transmission. 2,127,023; Aug. 16.
- Falk, Morris, Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Escutcheon plate or the like. 2,114,340; Apr. 19.
- Falkenberg, William F., Chicago, Ill. Liquid fuel burner. 2,108,918; Feb. 22.
- Falkenstein, Engelbert, Dusseldorf-Gerresheim, and E. Barthelmess, Dusseldorf-Oberkassel, Germany. Drier for granular and like materials. 2,106,869; Feb. 1.
- Fall, Harold N., Toledo, Ohio. Fluid distributing system and apparatus. 2,129,918; Sept. 13.
- Faller, Ernest A., Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Synchronizing clock. 2,120,353; June 14.
- Fallesen, George E., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Print-out emulsion. 2,126,318; Aug. 9.
- Fallesen, George E., and B. H. Carroll, assignors to Eastman Kodak Company, Rochester, N. Y. Print-out emulsion. 2,126,319; Aug. 9.
- Fallesen, George E., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Print-out emulsion. 2,129,207; Sept. 6.
- Fallon, John, Smethwick, near Birmingham, England. Roller for conveyor furnaces. 2,135,175; Nov. 1.
- Falloon, Shirley W. H. W., Chelmsford, England, assignor to Radio Corporation of America. Electrical oscillation generator. 2,110,001; Dec. 13.
- Falout, Harold J., Teaneck, N. J. Adjustable telescoping hanger for drying clothes. 2,120,436; June 14.
- Falls Steel Tube & Manufacturing Company. (See Holmes, Earl K., assignor.)
- Falson, Dalton E., Beacon, and R. M. Whittaker, New York, assignors to Hammond Paint & Chemical Co., Inc., Beacon, N. Y. Protecting material employing pest proofing media and material so protected. 2,119,458; May 31.
- Fankbener, Harland, assignor to The Goss Printing Press Company, Chicago, Ill. Method and apparatus for preparing stereotype matrices. Re. 20,835; Sept. 13.
- Fanner Manufacturing Company, The. (See Gibson, Samuel H., assignor.)
- Fanner Manufacturing Company, The. (See Schane, Edward H., assignor.)
- Fanning, Carroll C., Berkeley, assignor to Altes Heating & Ventilating Co., Ltd. San Francisco, Calif. Blower. 2,109,742; Mar. 1.
- Fanning, Walter N., Alameda, Calif. Control system. 2,109,175; Mar. 1.
- Fanstel Metallurgical Corporation. (See Austin, Miner M., assignor.)
- Fanstel Metallurgical Corporation. (See Balke, Clarence W., and C. C., assignors.)
- Fanstel Metallurgical Corporation. (See Balke, C. W., Hunter, and D. J., assignors.)
- Fantle Willard E. (See Rantz, Frank E., assignor.)
- Farnbough, George M., Rogers, Ark. Cutaneous agent. 2,110,075; Dec. 13.



- Farastan Company, The. (See Ebert, Joseph, assignor.)  
 Faries Manufacturing Company. (See Hansen, Jasper, assignor.)  
 Faries Manufacturing Company. (See McDonald, Edward F., assignor.)  
 Faries, Robert, St. Davids, Pa. Motor truck. 2,123,505; July 12.  
 Faries, Robert, St. Davids, Pa. Truck. 2,132,612; Oct. 11.  
 Faries, Robert, St. Davids, Pa. Truck. 2,138,485; Nov. 29.  
 Farina, Giovanni, Turin, Italy. Hydraulic brake mechanism. 2,127,290; Aug. 16.  
 Farina, Julius, Springfield, Mass. Footwear. 2,140,422; Dec. 13.  
 Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Pedal slot closure. 2,123,004; July 5.  
 Farkas, Frank F., et al. (See Snyder, Ward H., assignor.)  
 Farley, Marcus M., assignor to Duplex Printing Press Company, Battle Creek, Mich. Stereotype metal furnace. 2,128,129; Aug. 23.  
 Farley, Myron M., Portland, Oreg. Heel and arch cushion and support. 2,119,807; June 7.  
 Farm Tools, Inc. (See Warne, Frederick C., assignor.)  
 Farmen, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Camera attachment. 2,132,683; Oct. 11.  
 Farmer, Bertha F., executrix. (See Farmer, C. S., Beaver, and Fairfield.)  
 Farmer, Charles S., deceased, by B. F. Farmer, executrix, Welwyn Garden City, and C. J. Beaver and T. J. Fairfield, Bowdon, assignors to W. T. Glover and Company Limited, Manchester, England. Apparatus for extruding metal. 2,131,799; Oct. 4.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor suspension device. 2,110,701; Mar. 8.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Power reverse gear. 2,110,702; Mar. 8.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake device. 2,110,703; Mar. 8.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,110,704; Mar. 8.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Coupling. 2,112,417; Mar. 29.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vent protector. 2,113,615; Apr. 12.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air strainer. 2,114,341; Apr. 19.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,115,551; Apr. 26.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake system. 2,115,552; Apr. 26.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake device. 2,118,398; May 24.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Dirt collector. 2,121,538; June 21.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control for high speed trains. 2,125,155; July 26.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air strainer. 2,132,940; Oct. 11.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmington, Del. Sealing and lubricating device. 2,135,251; Nov. 1.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. High speed brake equipment. 2,140,620; Dec. 20.  
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Railway vehicle acceleration control apparatus. 2,140,642; Dec. 20.  
 Farmer, Clyde C., Pittsburgh, assignor to the Westinghouse Air Brake Company, Wilmerding, Pa. Piston lubricating device. 2,141,149; Dec. 20.  
 Farmer, Clyde C., Pittsburgh, and R. E. Miller, Wilkinsburg, assignors to Westinghouse Air Brake Company, Wilmerding, Pa. Electro-pneumatic brake. 2,108,788; Feb. 22.  
 Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,108,789; Feb. 22.  
 Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control for high speed trains. 2,109,166; Feb. 22.  
 Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,128,084; Aug. 23.  
 Farmer, Frank T., and S. D. Loud, assignors to Worcester Lawn Mower Company, Worcester, Mass. Lawn mower. 2,121,219; June 21.  
 Farmer, Paul M., Maplewood, N. J., and F. C. Evans, Great Kills, Staten Island, N. Y., assignors to American District Telegraph Company, Jersey City, N. J. Diaphragm switch. 2,109,145; Feb. 22.  
 Farmer, Trester B. (See Riggs, C. A., and Farmer.)  
 Farner, Louis, and L. Ricci, New Kensington, Pa. Combination curtain and shade holder. 2,134,078; Oct. 25.  
 Farnham, Ivan R., F. W. Sturm, and F. W. Mueller, assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,124,614; July 26.  
 Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiver. 2,111,763; Mar. 22.  
 Farnham, Paul O., Boonton, N. J., assignor to Radio Corporation of America. Audio transmission characteristic control circuit. 2,112,595; Mar. 29.  
 Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic transmission control. 2,115,844; May 3.  
 Farnham, Paul O., Boonton, N. J., assignor to Radio Corporation of America. Tone control circuit. 2,118,075; May 24.  
 Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiving system. 2,128,993; Sept. 6.  
 Farnsworth, Harold I., Lunenburg, assignor to Fosgood Corporation, Leominster, Mass. Ornamental band and making same. 2,139,541; Dec. 6.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Electron multiplier. Re. 20,759; June 14.  
 Farnsworth, Philo T., San Francisco, Calif., assignor to Farnsworth Television Incorporated. Luminescent screen and use. 2,104,253; Jan. 4.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Image receiving tube. 2,118,186; May 24.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Beam scanning dissector. 2,124,057; July 19.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Operating electron multipliers. 2,128,580; Aug. 20.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Multipactor. 2,135,615; Nov. 8.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Multipactor oscillator. 2,137,528; Nov. 22.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Secondary emission electrode. 2,139,813; Dec. 13.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Cathode ray tube. 2,139,814; Dec. 13.  
 Farnsworth, Philo T., San Francisco, Calif., assignor to Farnsworth Television Incorporated. Projecting oscillograph. 2,140,284; Dec. 13.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Charge storage dissector. 2,140,695; Dec. 20.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Controlling electron multipliers. 2,140,832; Dec. 20.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Charge storage dissector tube. 2,141,836; Dec. 27.  
 Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Multistage multipactor. 2,141,837; Dec. 27.  
 Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Multiplier coupling system. 2,140,285; Dec. 13.  
 Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Split cathode multiplier tube. 2,141,838; Dec. 27.  
 Farnsworth, Philo T., San Francisco, and D. K. Lippincott, Larkspur, assignors to Farnsworth Television Incorporated, San Francisco, Calif. Radiation frequency converter. 2,107,782; Feb. 8.  
 Farnsworth, Philo T., San Francisco, and F. J. Somers, San Jose, assignors to Farnsworth Television Incorporated, San Francisco, Calif. High power projection oscillograph. 2,109,289; Feb. 22.  
 Farnsworth Television Incorporated. (See Brolly, Archibald H., assignor.)  
 Farnsworth Television Incorporated. (See Farnsworth, Philo T., assignor.)  
 Farnsworth Television Incorporated. (See Farnsworth, P. T., and Lippincott, assignors.)  
 Farnsworth Television Incorporated. (See Farnsworth, P. T., and Somers, assignors.)  
 Farnsworth Television Incorporated. (See Gardner, Bernard C., assignor.)  
 Farnsworth Television Incorporated. (See Rutherford, Robert E., assignor.)



- Farr, D. E., et al. (See Rose, Lynn E., assignor.)  
 Farr, Stewart M., Genesee Depot, Wis. Acidophilus product and making it. 2,119,739; June 7.  
 Farr, Walter G., South Orange, N. J., assignor to Congoleum-Nairn Inc. Surfacing structure and making same. 2,118,076; May 24.  
 Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,123,101; July 5.  
 Farrand, Clair L., Larchmont, assignor to United Research Corporation, Long Island City, N. Y. Polarizing and output circuit for photosensitive devices. 2,125,273; Aug. 2.  
 Farrand, Clair L., Beverly Hills, assignor to United Research Corporation, Burbank, Calif. Acoustic device. 2,127,110; Aug. 16.  
 Farrar, John R., Cleveland, Ohio. Golf ball. 2,135,210; Nov. 1.  
 Farrar, Merritt L., South Acton, assignor to G. M. Nay, Wellesley, Mass. Carding machine. 2,128,130; Aug. 23.  
 Farrel-Birmingham Company. (See Kuhns, Austin, assignor.)  
 Farrel-Birmingham Company. (See Kuhns, A., and Gasser, assignors.)  
 Farrel-Birmingham Company. (See Schnuck, Carl F., assignor.)  
 Farrell, James P., Berkeley, Calif. Carburetor control. 2,110,211; Mar. 8.  
 Farrell, Joseph E., assignor to Automotive Devices Corporation, Washington, D. C. Automatic electric service line protector. 2,107,820; Feb. 8.  
 Farrell, Joseph E., assignor to Automotive Devices Corporation, Washington, D. C. Automatic switch for electric service lines. 2,107,821; Feb. 8.  
 Farrell Manufacturing Company. (See Crossen, R. W., Jr., and Somervell, assignors.)  
 Farrell Manufacturing Company. (See Kuss, Ralph L., assignor.)  
 Farrell, Stephen A., Brooklyn, assignor to Acme Propeller Corporation, New York, N. Y. Variable pitch and reversing propeller mechanism. 2,108,660; Feb. 15.  
 Farrelly, Joseph, Pelham, N. Y. Cap retainer. 2,141,709; Dec. 27.  
 Farrier, Louis H., and R. H. Harlin, Poughkeepsie, N. Y. Apparatus for purifying and aging liquor. 2,108,661; Feb. 15.  
 Farris, John K., Sentinel, Okla. School bus. 2,112,150; Mar. 22.  
 Farval Corporation, The. (See Acker, George H., assignor.)  
 Farval Corporation, The. (See Hillis, David R., assignor.)  
 Farwell Ozmun Kirk & Co. (See Marzolf, George B., assignor.)  
 Fasold, George A. (See Greider, H. W., and Fasold.)  
 Fasshacht, Karl, Cranston, assignor to Speidel Corporation, Providence, R. I. Jewelry structure. 2,138,596; Nov. 29.  
 Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Dust counter. 2,129,527; Sept. 6.  
 Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,135,870; Nov. 8.  
 Fassotte, Adolphe D. H. L., Neerpelt, and R. Favre, Overpelt, assignors to Compagnie des Metaux d'Overpelt-Lommel et de Corphalie Société Anonyme, Overpelt-Neerpelt, Belgium. Purifying metallic cadmium. 2,112,191; Mar. 22.  
 Fastip Corporation. (See Reiter, Otis E., assignor.)  
 Fator, Charles D., San Antonio, Tex. Control unit for projector and sound reproducing installations. 2,125,903; Aug. 9.  
 Faubion, Charles A., San Antonio, assignor of one-half to G. C. Rehmet and C. E. Wolcott, Alice, Tex. Electric generator. 2,137,738; Nov. 22.  
 Faulds, John, Oak Park, Ill. Bake oven. 2,106,052; Jan. 18.  
 Faulhaber, Albert J. (See Wagener, C. R., and Faulhaber.)  
 Faulhaber, Roland W., assignor to The Lohdel Emery Manufacturing Company, Alma, Mich. Saddle for cycles. 2,104,511; Jan. 4.  
 Faulkner, Harold C. (See Allen, E. B., Knox, and Faulkner.)  
 Faulkner, Michael, assignor of one-half to W. R. Smith, Weston, W. Va. Switch. 2,121,124; June 21.  
 Faulkner, Seymour, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Manufacture of catalysts. 2,140,400; Dec. 13.  
 Faultless Caster Corporation. (See Noelting, William H., assignor.)  
 Faultless Manufacturing Company, The. (See Hardie, Harry, assignor.)  
 Faultless Manufacturing Company, The. (See Hardie, H., and Hargreaves, assignors.)  
 Faultless Manufacturing Company, The. (See Joyce, Lyndon W., assignor.)  
 Faunce, Leroy L., Dorchester, Mass. Model positioning means for grading machines. 2,116,108; May 3.  
 Fauner, Joseph F., Irvington, N. J. Weather protector. 2,131,100; Sept. 27.  
 Fauner, Joseph F., Irvington, N. J. Weather strip. 2,132,403; Oct. 4.  
 Faure, Leonard L. (See De Groote, M., Keiser, Faure, and Wirtel.)  
 Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Lag plate for watt-hour meters. 2,128,131; Aug. 23.  
 Fausek, Arthur J. and I. F. Clayton, Mo. Torch. 2,127,723; Aug. 23.  
 Fausek, Arthur J. and I. F. Clayton, Mo. Hose structure. 2,139,888; Dec. 13.  
 Fausek, Irwing F. (See Fausek, Arthur J. and I. F.)  
 Fausek, Irwing G. (See Fausek, Arthur J. and I. F.)  
 Fausett, Floyd, assignor to Supreme Instruments Corporation, Greenwood, Miss. Tube testing apparatus. 2,133,610; Oct. 18.  
 Fausett, Ernest R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Manufacture of flared frustrums. 2,120,024; June 7.  
 Faust, Erich, and E. Jung, assignors to Hochofenwerk Lübeck Aktiengesellschaft, Herrenwyk, Lübeck, Germany. Production of iron. 2,120,740; June 14.  
 Faust, Frederick A., assignor to The Bristol Company, Waterbury, Conn. Automatic control system. 2,128,406; Aug. 30.  
 Fauth, Philipp L., Wiesbaden-Dotzheim, assignor to Gesellschaft zur Verwertung Fauth'scher Patente m. b. H., Wiesbaden, Germany. Apparatus for dehydrating oil-containing material, having a high water content, particularly whale flesh. 2,105,782; Jan. 18.  
 Favery, Clyde B., assignor, by mesne assignments, to M. C. Bates, Chicago, Ill. Oil vaporizer control. 2,122,683; July 5.  
 Favery, Clyde B., assignor to M. C. Bates, Chicago, Ill. Vaporizer starting system. 2,123,884; July 19.  
 Favery, Clyde B., assignor to M. C. Bates, Chicago, Ill. Gas treatment. 2,123,885; July 19.  
 Favery, Clyde B., H. J. Smith, and P. C. L. Van Bueren, assignors to M. C. Bates, Chicago, Ill. Fuel vaporizing system. 2,109,743; Mar. 1.  
 Faville, F. A., et al. (See Cornell, Mead, assignor.)  
 Faville, Frederick A., Chicago, Ill. Testing lubricants. 2,106,170; Jan. 25.  
 Faville-Le Vally Co. (See Cornell, Mead, assignor.)  
 Favorite Foods Ltd. (See Dunnam, Mack W., assignor.)  
 Favre, Rene. (See Fassotte, A. D. H. L., and Favre.)  
 Faw, Wendell G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Treating yarns, fibers, and filaments. 2,129,414; Sept. 6.  
 Fawcett, Charles W., St. Louis, Mo. Air duct. 2,123,410; July 12.  
 Fawcett, Eric W., and J. L. McCowen, Northwich, England, assignors to Imperial Chemical Industries Limited. Apparatus for high vacuum distillations. 2,109,129; Feb. 22.  
 Fawcett, Eric W., Northwich, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Drying oil. 2,128,354; Aug. 30.  
 Fawcett, Harold W., Harrogate, England. Centrifugal separator. 2,136,127; Nov. 8.  
 Fawick, Thomas L., Akron, Ohio. Brake. 2,109,722; Mar. 1.  
 Fawick, Thomas L., Akron, Ohio. Assembly for driving clutches and the like. 2,111,422; Mar. 15.  
 Fawick, Thomas L., Akron, Ohio. Assembly for clutches and the like. 2,120,400; June 14.  
 Fawick, Thomas L., Akron, Ohio. Assembly for universal joints and the like. 2,141,645; Dec. 27.  
 Fawick, Thomas L., Akron, Ohio, assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,107,112; Feb. 1.  
 Fawkes, Charles E. (See Wilson, W. C., and Fawkes.)  
 Fawkes, Charles G., Denver, Colo. Cap opener. 2,131,136; Sept. 27.  
 Fay, Carl F., Davenport, Iowa. Foot-treatment device. 2,139,263; Dec. 6.  
 Fay, Edgar E., New York, N. Y. Supporting rack. 2,130,000; Sept. 13.  
 Fay, Harry H. (See Hathaway, L. A., and Fay.)  
 Fay, Horace B. (See Quinn, Nelson J., assignor.)  
 Fay, Joseph W., Villa Park, assignor of one-half to E. F. Chambliss, Chicago, Ill. Cork stopper. 2,130,081; Sept. 13.  
 Fay, Ray H., assignor to Aluminum Goods Manufacturing Co., Manitowoc, Wis. Cooking utensil handle. 2,127,250; Aug. 16.  
 Faye, Roy A., Watertown, Mass., assignor to Mays Manufacturing Company, Inc. Memorandum pad holder for telephones. 2,130,920; Sept. 20.  
 Fays, René. (See Picard, R., and Fays.)  
 Fays, René E. (See Vautier, L. P. G., and Fays.)  
 Fear, Ernest D., assignor to De Raet Corporation, Kansas City, Mo. Chocolate milk powder. 2,136,661; Nov. 15.  
 Fear, Ernest D., and T. L. Stebenthaler, assignors to De Raet Corporation, Kansas City, Mo. Indicating scale. 2,126,377; Aug. 9.  
 Fear, Fred, & Co. (See Dossie, Harvey, Jr., assignor.)  
 Fear, Fred & Co. (See Heden, Folke, assignor.)  
 Fearing, Allen C., South Weymouth, assignor to United Carr Fastener Corporation, Cambridge, Mass. Clip. 2,100,213; Feb. 22.  
 Fearing, Justin I., Scarsdale, N. Y. Wave generating method and circuits. 2,141,971; July 26.  
 Feather, David C., assignor to N. and F. Corporation, Portland, Oreg. Shims. 2,130,539; Sept. 20.



- Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Installation of rail bonds. 2,135,888; Nov. 8.
- Fechheimer, Paul R., and M. Hallead, assignors to The Karl Kiefer Machine Company, Cincinnati, Ohio. Effecting closures in collapsible tubes by welding. 2,141,241; Dec. 27.
- Fechner, Fritz W. (See Wussow, R., and Fechner.)
- Fecht, John B., Dubuque, Iowa. Automatic hurdle. 2,119,808; June 7.
- Fedders Manufacturing Company. (See Buchs, William L., assignor.)
- Fedders Manufacturing Company. (See Lear, Joseph D., assignor.)
- Fedders Manufacturing Company. (See Minkel, Frank J., assignor.)
- Fedders Manufacturing Company. (See Przyborowski, Stanislaus, assignor.)
- Fedders Manufacturing Company. (See Smith, Lawrence C., assignor.)
- Fedders Manufacturing Company. (See Whistler, L. V., Saabye, and Tingle, assignors.)
- Fedeler, John H., New York, N. Y. Filing and display case. 2,133,347; Oct. 18.
- Feder, Leo, South Pasadena, Calif. Foot support and exerciser. 2,114,526; Apr. 19.
- Feder, Milton, Lancaster, Calif. Continuous method of treating edible fluids. 2,125,778; Aug. 2.
- Federal Aircraft Corporation. (See Cox, L. C., and Carisi, assignors.)
- Federal Brilliant Company. (See Kehl, Frank L., assignor.)
- Federal Chain Company. (See Biedermann, William F., assignor.)
- Federal Electric Company. (See Barclay, Robert E., assignor.)
- Federal Electric Company. (See Hammar, Herbert G., assignor.)
- Federal File Envelope Co., The. (See Winokar, Maurice, assignor.)
- Federal Glass Company, The. (See Nicholson, Albert H., assignor.)
- Federal Merchandise Company. (See Hueglin, Herman C., assignor.)
- Federal Products Corporation. (See Street, Chauncey C., assignor.)
- Federal Telegraph Company. (See Levy, Sol J., assignor.)
- Federal Telegraph Company. (See Suydam, Clinton H., assignor.)
- Federal Telegraph Company. (See Webster, Fullerton D., assignor.)
- Federighi, George J., San Francisco, Calif. Handwheel for grinders. 2,106,319; Jan. 25.
- Federmann, Wolfgang, and J. Richter, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,137,202; Nov. 15.
- Fee, Thomas A., assignor to Gasoline Energy Distributors Limited, Vancouver, British Columbia, Canada. Thermostatically controlled variable-throw crankpin mounting device. 2,131,729; Oct. 4.
- Fedrail Corporation. (See Glasgow, Ernest M., assignor.)
- Feehr, Edwin R., and W. G. Kuhnert, Steelton, Pa., assignors to Bethlehem Steel Company. Measurement of eccentricity of hollow shafting. 2,123,355; July 12.
- Feeney, John D. (See Toskey, C. M., Feeney, and Colegrove.)
- Feese, Glen V., assignor of one-half to Kansas Milling Co., Wichita, Kans. Machine for the introduction of moisture to wheat or the like. 2,120,437; June 14.
- Fegley, Thomas J., Jenkintown, and G. O. Leopold, assignors to North Bros. Mfg. Co., Philadelphia, Pa. Push drill. 2,126,626; Aug. 9.
- Fehr, Frank R., Passaic, N. J. Bowling card game. 2,138,272; Nov. 29.
- Fehr, Harry W., Whitemarsh, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Temple roller. 2,108,013; Feb. 8.
- Fehr, John R., assignor to General Motors Corporation, Dayton, Ohio. Removable cover for latch mechanisms. 2,137,002; Nov. 15.
- Fehr, Karl E., Heinemann, and W. Schneider, Rauxel, Westphalia, assignors to the firm Rütgerswerke-Aktiengesellschaft, Berlin, Germany. Converting liquid pitch into a fragmentary, transportable form. 2,136,208; Nov. 8.
- Fehrenbach, Anton, New York, N. Y. Massage and shampoo device. 2,116,864; May 10.
- Fehrenbach, Anton, New York, N. Y. Slip-on shower spray holder. 2,133,020; Oct. 11.
- Fehrenbach, Daniel W., assignor to Kansas City Journal-Post Company, Kansas City, Mo. Apparatus for shutting off fuel supply to a furnace or the like. 2,129,053; June 7.
- Fehse, Adolf. (See Pirani, M., and Fehse.)
- Fehse, Werner. (See Baumhauer, H., and Fehse.)
- Feige, Gustav, Des Moines, Iowa. Propeller. 2,133,853; Oct. 18.
- Feight, Oscar J. (See Ossing, S. F., and Feight.)
- Feight, Oscar J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Apparatus for breaking down materials. 2,105,764; Jan. 18.
- Feigley, William, Bremerton, Wash. Hydraulic equalizer for automobile mechanical brakes. 2,123,102; July 5.
- Feikert, Adrian H., assignor to American Anode Inc., Akron, Ohio. Protection of footwear and other articles. 2,117,305; May 17.
- Feil, Morris, New York, N. Y. Trimming attachment for sewing machines. 2,105,032; Jan. 11.
- Feild, Alexander L., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Production of rustless iron. 2,112,485; Mar. 29.
- Feild, Alexander L., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Production of rustless iron. 2,113,880; Apr. 12.
- Feild, Alexander L., Baltimore County, assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Rustless iron manufacture. 2,118,701; May 24.
- Feiler, Malwin, Frankfurt-on-the-Main, Germany. Face shield. 2,141,972; Dec. 27.
- Feiler, Paul. (See Winkler, F., and Feiler.)
- Feilka, Heinrich, Offenbach-on-the-Main, assignor to Lange & Geilen, Halle-on-the-Saale, Germany. Fluid control system for hydraulic motors. 2,141,429; Dec. 27.
- Feinberg, Benjamin G., New York, N. Y. Renapping process. 2,107,528; Feb. 8.
- Feinberg, Herman, San Francisco, Calif. Utility cabinet. 2,104,223; Jan. 4.
- Feinberg, Joseph H. (See Lubow, George M., assignor.)
- Feinbloom, William, New York, N. Y. Contact lens. 2,129,304; Sept. 6.
- Feinbloom, William, New York, N. Y. Contact lens. 2,129,305; Sept. 6.
- Feinbloom, William F., assignor to Champion Knitwear Company, Inc., Rochester, N. Y. Applying flock. 2,106,132; Jan. 18.
- Feinson, Mac B. (See Dobkin, William J., assignor.)
- Feisst, Walter. (See Martin, F., Roelen, and Feisst.)
- Feisst, Walter. (See Roelen, O., and Feisst.)
- Felber, John B., Cleveland, Ohio. Pill dispensing device. 2,134,180; Oct. 25.
- Feldbush, Harry A., Short Hills, N. J., and G. Steven, Buffalo, assignors to Worthington Pump and Machinery Corporation, New York, N. Y. Compressor. 2,138,093; Nov. 29.
- Feldhoff, Paul, Radevormwald/Rhineland, assignor to "Kronprinz" Aktiengesellschaft für Metallindustrie, Solingen-Ohligs/Rhineland, Germany. Threadless tube connection. 2,125,552; Aug. 2.
- Feldman, Carl B. H., Little Silver, and F. A. Polkinghorn, Montclair, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Diversity radio receiver. 2,130,485; Sept. 20.
- Feldman, Elias. (See Berner, Adolf E. G., assignor.)
- Feldman, Henry, New York, N. Y. Furniture. 2,137,717; Nov. 22.
- Feldman, Morris, Philadelphia, Pa. Skylight. 2,132,848; Oct. 11.
- Feldstein, Henry H. (See Grill, H. E., and Feldstein.)
- Felger, Rudolph G., A. C. McLellan, A. S. Griswold, and E. E. Dubry, Detroit, Mich. Tuyère block. 2,123,355; Aug. 30.
- Felix, Friedrich and W. Huber, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Sulpho-acetonitrile dyestuffs. 2,120,401; June 14.
- Felix, Friedrich, and J. Scheidegger, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs and making the same. 2,132,560; Oct. 11.
- Felix, Friedrich, and J. Scheidegger, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,132,561; Oct. 11.
- Felix, Otto. (See Ralston, H. D., and Felix.)
- Felix, Otto, assignor to Sears, Roebuck and Co., Chicago, Ill. Hinge for loose-leaf catalogues or the like. 2,138,847; Dec. 6.
- Fell, Louis F. R., assignor to Armstrong Siddeley Motors Limited, Coventry, England. Built-up crankshaft. 2,109,526; Mar. 1.
- Feller, Albert L. (See Getty, Ralph J., assignor.)
- Fellers, William M. (See Richardson, H. C., and Fellers.)
- Fellers, William M., Washington, D. C., and F. B. Gross, Rosslyn, Va. Catapult. 2,125,904; Aug. 9.
- Fellipone, Michael, East Peoria, Ill. Bathtub. 2,139,942; Dec. 13.
- Fellman, Evan L., assignor to E. L. Bruce Company, Memphis, Tenn. Termite control. 2,135,391; Nov. 1.
- Fellmer, Ernst, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs containing a heavy metal in a complex form. 2,111,559; Mar. 22.
- Fellmer, Ernst, Leverkusen-I. G. Werk, G. Mauthe, Cologne-Holweide, and H. Noerr, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Leather dyed with mono- or disazo dyestuffs. 2,110,394; Mar. 8.
- Fellow Gear Shaper Company, The. (See Stubbs, Everard, assignor.)
- Fellowcrafters Incorporated. (See Belash, Constantine A., assignor.)
- Fellowes, Harry L., assignor to Bankers Box Company, Chicago, Ill. Collapsible filing cabinet. 2,121,190; June 21.
- Fellowes, Harry L., assignor to Bankers Box Company, Chicago, Ill. Collapsible filing drawer. 2,136,184; Nov. 8.



- Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
- Fellows Gear Shaper Company, The. (See Slömer, William F., assignor.)
- Fellows Gear Shaper Company, The. (See Stubbs, Everard, assignor.)
- Fellows, Harrison E., and B. T. Wiechers, assignors to Webster Electric Company, Racine, Wis. Fuel regulator valve for oil burners. 2,119,740; June 7.
- Fells Company Incorporated, The. (See Westervelt, C., Storm, and Kaufmann, assignors.)
- Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 2,123,411; July 12.
- Felsenthal, G., & Sons. (See Nelson, Norman D., assignor.)
- Felsher, Benjamin, Brooklyn, N. Y. Baby walker convertible into high chair. 2,115,257; Apr. 26.
- Felsing, Howard, Wheeling, W. Va. Ingot stool. 2,134,970; Nov. 1.
- Felt & Tarrant Mfg. Co. (See Niemann, Frederick A., assignor.)
- Felt & Tarrant Mfg. Co. (See Niemann, F. A., and Turck, assignors.)
- Felt and Tarrant Mfg. Co. (See Noyes, J. H., and Moore, assignors.)
- Felt & Tarrant Mfg. Co. (See Smith, A. J., and Coupe, assignors.)
- Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Braun, Alfred, assignor.)
- Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Klümmer, Franz, assignor.)
- Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Meerbeck, Gottfried, assignor.)
- Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Interbusch, F., and Bodenmann, assignors.)
- Feltner, Walter, San Marcos, Tex. Fan. 2,112,766; Mar. 29.
- Felton, Donald A., London, England, assignor, by mesne assignments, to American-La France-Foamite Corporation, New York, N. Y. Apparatus for detecting fires. 2,118,837; May 31.
- Felton, Gladys, et al. (See Rose, Lynn E., assignor.)
- Feminella, John G., Brooklyn, N. Y. Dental flask. 2,117,086; May 10.
- Fend, Kurt, Pforzheim, Germany. Selective multiple lead pencil. 2,113,320; Apr. 5.
- Fend, Kurt, Pforzheim, Germany. Interchangeable lead pencil. 2,136,290; Nov. 8.
- Fennell, Charles A. F., assignor to C. E. Foster, Letchworth, England. Control device. 2,131,943; Oct. 4.
- Fennell, Florence L., Northville, Mich. Post-surgical gasket. 2,112,666; Mar. 29.
- Fennema, Gabe R., Baldwin, N. Y. Cooling bakery products. 2,114,595; Apr. 19.
- Fenner, James O., assignor to Economic Machinery Company, Worcester, Mass. Bottle labeling machine. 2,106,997; Feb. 1.
- Fenner, Robert C., Evanston, assignor to Dixie-Vortex Company, Chicago, Ill. Cup for packaging confections. 2,125,069; July 26.
- Fensin, Erwin R., Chicago, Ill. Seat construction. 2,141,710; Dec. 27.
- Fenske, Merrell R., State College, Pa. Packing material. 2,135,703; Nov. 8.
- Fenske, Merrell R., State College, Pa., assignor to Pennsylvania Petroleum Research Corporation. Process and apparatus for treating mineral oils. 2,116,428; May 3.
- Fenske, Merrell R., State College, Pa., assignor to Pennsylvania Petroleum Research Corporation. Apparatus for treating mineral oils. 2,132,150; Oct. 4.
- Fenske, Merrell R., State College, and C. E. Andrews, Overbrook, assignors to Röhm & Haas Company, Philadelphia, Pa. Separating a mixture of trimethylamine and ammonia. 2,125,905; Aug. 9.
- Fenske, Merrell R., State College, and W. B. McClure, Bradford, Pa., assignors to Pennsylvania Petroleum Research Corporation. Apparatus for treating mineral oils. 2,132,151; Oct. 4.
- Fenske, Merrell R., and W. B. McClure, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Process and apparatus for treating mineral oils. 2,139,943; Dec. 13.
- Fenstermacher, John D., Piedmont, and B. B. Sumner, Burlingame, Calif. Car underframe. 2,127,683; Aug. 23.
- Fenton, Bruton, Murphysboro, Ill., assignor to United Shoe Machinery Corporation, Paterson, N. J. Toe latching mechanism. 2,131,837; Oct. 4.
- Fenton, Frank, and H. M. Dodge, Akron, Ohio, assignors to the B. F. Goodrich Company, New York, N. Y. Doll head. 2,105,810; Jan. 18.
- Fenton, George B., assignor to Blackburn Aircraft Limited, Brough, near Hull, England. Laterally controlling aircraft. 2,136,845; Nov. 16.
- Fenton, Joseph A., Washington, D. C., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Baling machine. 2,109,527; Mar. 1.
- Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Separable fastener. 2,106,728; Feb. 1.
- Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Resilient attaching clip. 2,113,132; Apr. 5.
- Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener attaching means. 2,128,640; Aug. 30.
- Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener assembly. 2,131,347; Sept. 27.
- Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener. 2,134,037; Oct. 25.
- Fentress, William D., Sharonville, Ohio. Animated toy. 2,134,079; Oct. 25.
- Fenwick, Leslie C., London, England. Process and compound for coloring the surfaces of metal articles. 2,138,295; Nov. 29.
- Feragen, A. E., Inc. (See Bennett, Claude C., assignor.)
- Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Dough mixing machine. 2,118,500; May 24.
- Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Wrapping window packages. 2,130,680; Sept. 20.
- Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cooled delivery for wrapping machines. 2,133,348; Oct. 18.
- Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Bread wrapping machine. 2,133,503; Oct. 18.
- Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Slicing machine for bakery products. 2,141,904; Dec. 27.
- Ferguson, Rector C., Moline, Ill., assignor to International Harvester Company. Corn harvester gathering mechanism. 2,134,867; Nov. 1.
- Ferguson, Arthur P., assignor to Lyon Cover Company, Detroit, Mich. Tire cover. 2,104,156; Jan. 4.
- Ferguson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Wheel cover and lock mechanism. 2,109,664; Mar. 1.
- Ferguson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Spare wheel assembly. 2,109,665; Mar. 1.
- Ferguson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover. 2,109,666; Mar. 1.
- Ferguson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover. 2,118,596; May 24.
- Ferguson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Ornamental fender skirt. 2,122,563; July 5.
- Ferguson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Ornamental fender skirt. 2,122,564; July 5.
- Ferguson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover. 2,134,360; Oct. 25.
- Ferguson, Alexander D., Michigan City, Ind., assignor to Sullivan Machinery Company. Compressor. 2,137,752; Nov. 22.
- Ferguson, Berlin S., assignor to Harnischfeger Corporation, Milwaukee, Wis. Structural member. 2,129,466; Sept. 6.
- Ferguson Brothers Manufacturing Company. (See Boardman, Whitlock, assignor.)
- Ferguson, Charles, Elizabeth, N. J. Device for detecting ethyl alcohol. 2,141,646; Dec. 27.
- Ferguson, Elma P. (See Hart, Roland W., assignor.)
- Ferguson, Frank M., Caretta, assignor of one-half to C. I. Johnston, Six, W. Va. Automatic cigarette lighter. 2,115,099; Apr. 26.
- Ferguson, Frank R., assignor of one-half to J. S. Dods-worth, Kansas City, Mo. Check and like books. 2,139,889; Dec. 13.
- Ferguson, George E., Spring Valley, N. Y., assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,118,597; May 24.
- Ferguson, George K. S., assignor to The Baltimore Paper Box Company, Baltimore, Md. Package. 2,133,021; Oct. 11.
- Ferguson, Harold W., Rochester, N. Y. Scalp cooling appliance. 2,110,463; Mar. 8.
- Ferguson, Harold W., Rochester, N. Y. Scalp cooling appliance. 2,110,648; Mar. 8.
- Ferguson, Harold W., Rochester, N. Y. Hair waving apparatus. 2,123,566; July 12.
- Ferguson, Henry G., Belfast, Northern Ireland. Tractor for agricultural implements. 2,118,180; May 24.
- Ferguson, Henry G., Belfast, Northern Ireland. Tractor for agricultural implements. 2,118,181; May 24.
- Ferguson, J. L., Company. (See Ferguson, John L., assignor.)
- Ferguson, J. L., Company. (See Ferguson, J. L., and Talbot, assignors.)
- Ferguson, John L., assignor to J. L. Ferguson Company, John, Ill. Carton sealing machine. 2,135,904; Nov. 15.
- Ferguson, John L., Joliet, assignor to J. L. Ferguson Company, Chicago, Ill. Weighing machine. 2,141,296; Dec. 27.
- Ferguson, John L., assignor to J. L. Ferguson Company, Joliet, Ill. Carton peeler and sealer. 2,141,320; Dec. 27.
- Ferguson, John L., and R. C. Talbot, assignors to J. L. Ferguson Company, Joliet, Ill. Case holder. 2,141,296; July 26.



- Ferguson, John S., Schenectady, N. Y., assignor to General Electric Company. Catalytic material and making the same. 2,106,597; Jan. 25.
- Ferguson, Lee C., Marion, Ind., assignor to Chicago Railway Equipment Company, Chicago, Ill. Track bolt washer. 2,120,462; June 14.
- Ferguson, Malcolm P., assignor to Delipso Machine Company, Elmira, N. Y. Borecase release for internal combustion engines. 2,125,370; Aug. 2.
- Ferguson, Otto. (See Loney, N. M., Van Berg, and Ferguson.)
- Ferguson, Robert B., Plainfield, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,104,858; Jan. 11.
- Ferguson, William F., Yonkers, N. Y. Fastening device for badges. 2,140,795; Dec. 20.
- Fergusson, David, assignor to James Cunningham, Son & Company, Rochester, N. Y. Vehicle track. 2,113,018; Apr. 5.
- Ferm, John F., Midland, assignor to Pittsburgh Crucible Steel Company, Pittsburgh, Pa. Apparatus for treating plated strip metal. 2,141,382; Dec. 27.
- Fermann, Joseph A., Baldwin, and J. H. Mosley, Jackson Heights, Long Island, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Carton closing machine. 2,135,806; Nov. 8.
- Fernier, George F., and J. C. Stokes, assignors to Reed Roller Bit Company, Houston, Tex. Casing hook. 2,124,692; July 26.
- Fernald, Merritt C. (See Hill, A. J., and Fernald.)
- Fernbach, Auguste, Paris, France. New plastic material and manufacturing the same. 2,132,782; Oct. 11.
- Fernberg, Eric B., Edgware, England, assignor to The Edward G. Budd Manufacturing Company, Philadelphia, Pa. Roller leveler machine. 2,141,151; Dec. 20.
- Fernberger, Harry M. (See Lemmers, E., and Fernberger.)
- Ferngren, Enoch T., Toledo, Ohio, assignor, by mesne assignments, to Plax Corporation, Hartford, Conn. Shaping sheet material. 2,120,328; June 14.
- Ferngren, Enoch T., Toledo, Ohio, assignor by mesne assignments, to Plax Corporation, Hartford, Conn. Molding plastic materials. 2,128,239; Aug. 30.
- Ferngren, Enoch T., Jackson Heights, N. Y., assignor, by mesne assignments, to Plax Corporation, Hartford, Conn. Method and automatic device for handling fluent plastic material in dipping machines. 2,136,185; Nov. 8.
- Fernseh Aktiengesellschaft. (See Heimann, Walter, assignor.)
- Fernseh Aktiengesellschaft. (See Ruska, Ernst, assignor.)
- Fernseh Aktien-Gesellschaft. (See Schubert, Georg, assignor.)
- Fernseh Aktiengesellschaft. (See Schunack, Johannes, assignor.)
- Fernseh Aktien-Gesellschaft. (See Schwartz, Erich, assignor.)
- Fernseh Aktiengesellschaft, The firm of. (See Ruska, E., and Schwartz, assignors.)
- Fer-O-Con Corporation. (See Kitrbaty, Guy F., assignors.)
- Feroda and Asbestos Inc. (See Longley, James N., assignor.)
- Ferrall, Thomas L. (See Roberts, E. W., and Ferrall.)
- Ferrall, Thomas L., assignor to Roberts Brass Manufacturing Company, Detroit, Mich. Control means for lighter mechanism. 2,119,385; May 31.
- Ferranti Electric Inc. (See Edwards, Arthur W., assignor.)
- Ferranti Electric Inc. (See Taylor, M. K., and Atkinson, assignors.)
- Ferrari, André, Saint-Victor-sur-Rhins, France. Producing an elastic fabric. 2,140,696; Dec. 20.
- Ferree, Clarence E., and G. R., Baltimore, Md. Central vision scotometer. 2,124,229; July 19.
- Ferree, Clifford B., Pittsburgh, Pa. Draw oven. 2,130,420; Sept. 20.
- Ferree, Gertrude R. (See Ferree, Clarence E. and G. R.)
- Ferreira, Charles E., and L. U. McAbee, assignors to Art Rattan Works, Oakland, Calif. Chair. 2,115,258; Apr. 26.
- Ferrel, Charles, Chicago, and J. G. Colling, Evanston, Ill. Spark plug testing device. 2,119,634; June 7.
- Ferrero, Paul, Tentre, C. Vandendries, Baucour, and F. Berbé, St. Ghislain, assignors to Societe Carbochimique, Société Anonyme, Brussels, Belgium. Preparations of glycols from oxides of olefines. 2,108,936; Feb. 22.
- Ferri, Tito A., assignor of one-half to B. L. Riesner, Miami, Fla. Window structure. 2,131,251; Sept. 27.
- Ferrier, Alan, Ottawa, Ontario, assignor to Canadian Vickers Limited, Montreal, Quebec, Canada. Winter landing gear for aeroplanes. 2,108,962; Feb. 22.
- Ferrier, Peter H., Brookfield, Ill. Combined steam and electric locomotive. 2,122,341; June 28.
- Ferriot Bros. Inc. (See Ferriot, Joseph V., assignor.)
- Ferriot, Joseph V., assignor to Ferriot Bros. Inc., Akron, Ohio. Footwear. 2,110,839; Mar. 8.
- Ferris, Eugene C., assignor to Starline Inc., Harvard, Ill. Gutter scraper. 2,109,636; Mar. 1.
- Ferris, Herbert. (See Halstead, R. H., and Ferris.)
- Ferris, Howard J., assignor to Starline Inc., Harvard, Ill. Ventilating window for barns. 2,112,280; Mar. 29.
- Ferris, John W. (See Du Pont, C. J., and Ferris.)
- Ferris, Malcolm, Boonton Township, Morris County, N. J. Resistance attenuator. 2,131,101; Sept. 27.
- Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Grip for manila rope and the like. 2,112,281; Mar. 29.
- Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Preserving green fodder and product. 2,117,058; May 10.
- Ferris, Seymour W., Alden, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oil. 2,107,291; Feb. 8.
- Ferris, Seymour W., Alden, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,111,968; Mar. 22.
- Ferris, Seymour W., Alden, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,130,126; Sept. 13.
- Ferris, Seymour W., Alden, and E. R. Birkhimer, assignors to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,109,476; Mar. 1.
- Ferris, Seymour W., Alden, and H. C. Cowles, Jr., assignors to The Atlantic Refining Company, Philadelphia, Pa. Revivification of clay and the like. 2,128,931; Sept. 6.
- Ferris, Wallace A., Los Angeles, Calif. Form spreader. 2,140,153; Dec. 13.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Pump or motor. 2,105,454; Jan. 11.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Garage door construction. 2,114,419; Apr. 19.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Hinge. 2,137,529; Nov. 22.
- Ferris, William D., and N. M. Foulds, assignors to Frantz Manufacturing Co., Sterling, Ill. Door latch. 2,114,418; Apr. 19.
- Ferro Enamel Corporation. (See Robson, J. T., and Sylvester, assignors.)
- Ferro Enameling Company. (See Brooks, H. L., and MacIntyre, assignors.)
- Ferro Enameling Company. (See Hauch, Henry G., assignor.)
- Ferrocort Corporation of America. (See Fill, John V., assignor.)
- Ferrocort Corporation of America. (See Vogt, Hans, assignor.)
- Ferrocon Corporation. (See Kotrbaty, Guy F., assignor.)
- Ferrolene Oxygen Co. of Ohio, The. (See Medsker, Charles A., assignor.)
- Ferrone, Samuel C., Altoona, Pa. Waterproof "zipper" closure. 2,119,621; June 7.
- Ferro Stamping and Manufacturing Company. (See Roethel, John H., assignor.)
- Ferry, Joseph D., Harrisburg, Pa. Material treating and handling apparatus. 2,119,909; June 7.
- Ferry, Joseph D., Harrisburg, Pa. Mechanism for coating food forms. 2,119,910; June 7.
- Ferry, Joseph D., Harrisburg, Pa. Food impelling mechanism. 2,130,082; Sept. 13.
- Ferst, M. A., Ltd. (See Ferst, Monie A., assignor.)
- Ferst, Monie A., assignor to M. A. Ferst, Ltd., Atlanta, Ga. Lead pencil, lead therefor, and making the same. 2,131,657; Sept. 27.
- Fertig, William A. (See Gaines, O. I., and Fertig.)
- Fessler, Douglas F., Woodstock, Ill. Knife. 2,109,108; Feb. 22.
- Fessenden, George R., Mount Vernon, N. Y. Preserving the natural color in plant specimens. 2,105,688; Jan. 18.
- Fessenmeyer, Gustav, Cleveland, Ohio. Spinning pot. 2,111,180; Mar. 15.
- Fessler, Albra H. (See McDougal, T. G., Fessler, and Schwartzwalder.)
- Fessler, Albra H., Flint, assignor to General Motors Corporation, Detroit, Mich. Ceramic compositions and making the same. 2,106,598; Jan. 25.
- Fessler, Albra H., Flint, assignor to General Motors Corporation, Detroit, Mich. Bond for mineral or rock wool. 2,128,290; Aug. 30.
- Fessler, Charles T., assignor to General Motors Corporation, Detroit, Mich. Weather strip. 2,139,329; Dec. 6.
- Fessler, Julius H., Berkeley, and H. C. Johnson, Davis, assignors of one-third to Mt. Diablo Wine Association, Emeryville, Calif. Treating liquids. 2,117,604; May 17.
- Fether, Donald W., assignor to Emsco Asbestos Company, Downey, Calif. Friction tape wrapping. 2,105,881; Jan. 18.
- Fetters, Andy M., Payette, Idaho. Thinning and weeding machine. 2,134,816; Nov. 1.
- Fetzer, Paul L., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam jet refrigeration apparatus. 2,129,098; Sept. 6.
- Fetzer, Walter R., St. Louis, Mo., assignor to Union Starch and Refining Company, Columbus, Ind. Manufacture and use of malt adjunct from corn. 2,107,529; Feb. 8.
- Feucht, Albert. (See Curtis, J. C., and Feucht.)
- Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,107,198; Feb. 1.



- Feuer, Sidney R., H. Freedman, H. Hozinsky, and A. Balbinder, Brooklyn, N. Y. Continuous outlet system. 2,105,833; Jan. 18.
- Feussener, Natalie, administratrix. (See Fuessner, O., and Jedele.)
- Feussner, Otto, deceased, by N. Feussner, administratrix, and A. Jedele, assignors to W. C. Heraeus Gesellschaft mit beschränkter Haftung, Hanau-on-the-Main, Germany. Palladium alloy. 2,123,330; July 12.
- Feustel, Ernest A., Hasbrouck Heights, N. J. Yarn carrier. 2,126,249; Aug. 9.
- Few, Frederick C. (See Buell, E. J., and Few.)
- Fewster, James F., Morrisville, Pa. Garment hanger. 2,132,895; Oct. 11.
- Fey, Frank E., Portland, Oreg. Rail cross-over. 2,124,247; July 19.
- Ffolliott, Charles F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Alarm signaling system. 2,122,460; July 5.
- Fiat Società Anonima. (See Accardi, Ferruccio, assignor.)
- Fibreboard Products, Inc. (See Hill, Forrest W., assignor.)
- Fibreboard Products, Inc. (See Lewis, Boyd R., assignor.)
- Fibreboard Products, Inc. (See Stitt, Claude M., assignor.)
- Fibre Making Processes, Inc. (See Coolidge, Harry, assignor.)
- Fibre Processing Limited. (See Brown, William T., assignor.)
- Fichtel, James J., Pottstown, Pa. Tailor's measuring device. 2,106,729; Feb. 1.
- Fick, Bernice, assignor to Kroger Grocery & Baking Company, Cincinnati, Ohio. Preparing stable chocolate milk. 2,106,089; Jan. 18.
- Fick, George, Brooklyn, N. Y., assignor to M. H. Loughridge, Bogota, N. J., trustee. Refrigerating system and apparatus. 2,132,234; Oct. 4.
- Ficken, Elmer W., Bison, Kans. Furrow damming implement. 2,112,767; Mar. 29.
- Fickett, Ernest L., W. O. Forman, and P. E. Arthur, assignors to Fitchburg Engineering Corporation, Fitchburg, Mass. Steam engine. 2,113,936; Apr. 12.
- Fickett, Ernest L., W. O. Forman, and P. E. Arthur, Fitchburg, assignors, by mesne assignments, to United Shoe Machinery Corporation, Boston, Mass. Pressure treating device. 2,114,998; Apr. 26.
- Fickett, Ernest L., W. O. Forman, P. E. Arthur, Fitchburg, assignors, by mesne assignments, to United Shoe Machinery Corporation, Boston, Mass. Pressure treating apparatus. 2,114,999; Apr. 26.
- Fickett, Ernest L., W. O. Forman, and C. H. McKay, assignors to Fitchburg Engineering Corporation, Fitchburg, Mass. Apparatus for treating wood. 2,130,457; Sept. 20.
- Fiddymont, John C., Lockport, Ill. Nutcracker. 2,139,264; Dec. 6.
- Fidelitone Records, Inc. (See Lichten, Maurice A., assignor.)
- Fidelity Machine Company. (See Collar, George D., assignor.)
- Fidelity Machine Company. (See Sherlin, E. C., and Larkin, assignors.)
- Fidelity Trust Company et al., administrators. (See Hunter, Percy E.)
- Fidelity Trust Company et al., administrators. (See Hunter, P. E., and Nightingale.)
- Fidelity Union Trust Company, executor. (See Wenzel, Albert W.)
- Fidelman, Paul, New York, N. Y. Coloring photographs, prints, lantern slides, positive transparencies, and the like. 2,139,492; Dec. 6.
- Fidiam, James F., Jr. (See Loomis, A. G., Byck, and Fidiam.)
- Fiedler, Kurt, Stuttgart, and G. Hegwein, and O. Merten, Dessau, and F. W. Stockmeyer, Stuttgart, assignors to Junkers & Co., G. m. b. H., Dessau, Germany. Controller for gas-heated apparatus. 2,126,378; Aug. 9.
- Fiedler, Max G., Chester, Pa. Piston construction. 2,126,627; Aug. 9.
- Fiegel, William J., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Joining metal strips. 2,123,626; July 12.
- Field, Burr D., Freeport, N. Y. Boat game indicator. 2,139,493; Dec. 6.
- Field, Crosby, Brooklyn, N. Y., assignor to Flakice Corporation, Wilmington, Del. Heat exchange apparatus. 2,112,596; Mar. 29.
- Field, Edward A., Jr. (See Field, Edward A., and E. A., Jr.)
- Field, Edward A. and E. A., Jr., Chicago, Ill. Draft stabilizer. 2,105,724; Jan. 18.
- Field, Edward A. and E. A., Jr., Chicago, Ill. Draft stabilizer. 2,122,640; July 5.
- Field, Edward S., Kansas City, Mo. Shingle mill. 2,125,371; Aug. 2.
- Field, Frank F., Akron, Ohio. Smoker's pipe. 2,126,545; Aug. 9.
- Field, Hugh W. (See Smith, L. B., Fumsten, and Field.)
- Field, Joseph C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective signal system. 2,106,498; Jan. 25.
- Field, Leslie O. (See Field, Wanda G., and L. O.)
- Field Manufacturing Company. (See Butterfield, Thomas F., assignor.)
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Thermal operated circuit controlling device. 2,109,169; Feb. 22.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Light signal for railroads. 2,125,257; July 26.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Snubbing device for three-position relays. 2,128,205; Aug. 23.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,135,496; Nov. 8.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railway signaling systems. 2,135,497; Nov. 8.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Railway track circuit. 2,135,498; Nov. 8.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Railway track circuit. 2,135,499; Nov. 8.
- Field, Oscar S., and J. E. Willing, assignors to General Railway Signal Company, Rochester, N. Y. Highway crossing signaling system. 2,106,682; Jan. 25.
- Field, Samuel B. (See Rue, H. E., and Field.)
- Field, Walter S., London, assignor to The Pyrene Company Limited, Brentford, England. Lithographic printing plate. 2,126,181; Aug. 9.
- Field, Wanda G. and L. O. Nappanee, Ind. Heel cover for ladies' shoes. 2,109,193; Feb. 22.
- Field, Woolsey H. (See Sadtler, S. S., and Field.)
- Fields, Charles M., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for polymerization of organic compounds. 2,136,425; Nov. 15.
- Fields, Charles M. and R. T., Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization process. 2,136,423; Nov. 15.
- Fields, Charles M. and R. T., Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization. 2,136,424; Nov. 15.
- Fields, Hubert, London, Ky. Fuel supplying means for brooder stoves. 2,122,314; June 28.
- Fields, James E., assignor of one-half to J. K. Weyant, Fresno, Calif. Booster for pressure regulators. 2,112,438; Mar. 29.
- Fields, Reuben T. (See Fields, Charles M. and R. T.)
- Fields, Reuben T., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization. 2,136,422; Nov. 15.
- Fiene, Marcus E., Ballston Lake, N. Y., assignor to General Electric Company. Heat transfer system. 2,116,389; May 3.
- Fies, Herbert W., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Clutch. 2,124,734; July 26.
- Fioux, Jean, assignor of one-half to Schneider & Cie, Paris, France. Tachymetric correcting device, more particularly for use in connection with sighting apparatus for artillery. 2,106,998; Feb. 1.
- Fioux, Jean, assignor of one-half to Schneider & Cie., Paris, France. Gyroscope. 2,124,817; July 26.
- Figard, Pierre, Paris, France. Spark plug. 2,120,890; June 14.
- Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Antiseptics. 2,117,796; May 17.
- Figge, Wilhelm, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Portaging guns. 2,138,229; Nov. 29.
- Figlioli, Daniel. (See Bingham, E. C., and Figlioli.)
- Filbe, Albert J. (See Ehrlich, William, assignor.)
- Fikentscher, Hans, and C. Heuck, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of polymerization products. 2,123,599; July 12.
- Fikentscher, Hans, and C. Heuck, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of polymerization products. 2,110,018; Dec. 13.
- Fijux, George F., Laurelton, N. Y. Medicine dosage container. 2,109,838; Mar. 1.
- Filatex Corporation. (See Kratz, George D., assignor.)
- Filatex Corporation. (See Spencer, William M., assignor.)
- Filbert, William F. (See Burrows, L. A., and Filbert.)
- Filbert, William F. (See Burrows, L. A., Filbert, and Field.)
- Filbert, William F., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. New compositions of matter. 2,115,066; Apr. 26.
- Filbert, William F. and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ignition compositions. 2,118,501; May 24.
- Fille, Howard, assignor to A. F. Staley Manufacturing Company, Decatur, Ill. Solid starch and preparing the same. 2,129,919; Sept. 13.
- Filer Fibre Company. (See Daly, L., and Melners, assignors.)
- Filer & Stowell Co. The. (See Read, Everett C., assignor.)



- Filicky, August A., San Francisco, Calif. Internal combustion engine. 2,130,529; Sept. 20.
- Filippi, Hugo, Chicago, Ill., assignor to Illinois Brick Company. Brick cutting machine. 2,118,552; May 24.
- Filkins, Arthur J., assignor to Paul Dickinson, Inc., Chicago, Ill. Roof drain. 2,121,220; June 21.
- Fill, John V., Chicago, Ill., assignor to Ferrocarril Corporation of America, New York, N. Y. Dual band antenna transformer. 2,135,234; Nov. 1.
- Fillinger, Charles, assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Spinning ring and traveler therefor. 2,132,260; Oct. 4.
- Fillinger, Charles, assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Spinning ring and traveler therefor. 2,132,261; Oct. 4.
- Fillinger, Julio, Sao Paulo, Brazil. Centrifugal filter or separator. 2,114,778; Apr. 19.
- Fillo, Francis B., St. Louis, Mo., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,126,182; Aug. 9.
- Film Treatizer Corporation. (See Soman, Lester, assignor.)
- Filshie Lead Head Nail Company. (See Kaplan, Robert, assignor.)
- Filshie Lead Head Nail Company. (See Upton, John M., assignor.)
- Filss, Hermann, assignor to Enzinger-Union-Werke A. G., Worms-on-the-Rhine, Germany. Filling device. 2,104,454; Jan. 4.
- Filter Tips Limited. (See Edwards, William F. M., assignor.)
- Filter Tips Limited. (See May, Rowland F., assignor.)
- Filtration Equipment Corporation. (See Laughlin, William C., assignor.)
- Filtrol Company of California. (See Hutchins, G. H., and Hartigan, assignors.)
- Finch, Evans W., Riverside, Calif. Advertising novelty. 2,107,693; Feb. 8.
- Finch, Herbert L., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Circulating fan. 2,105,315; Jan. 11.
- Finch, James L. (See Latimer, C. W., Finch, and Beverage.)
- Finch, James L. (See Young, L. L., and Finch.)
- Finch, William G. H., Spuyten Duyvil, N. Y. Image broadcasting system. Re. 2,076,767; June 21.
- Finch, William G. H., Spuyten Duyvil, N. Y. Continuous sheet facsimile recorder. 2,109,109; Feb. 22.
- Finch, William G. H., Spuyten Duyvil, Bronx County, N. Y. Sound recording system. 2,109,627; Mar. 1.
- Finch, William G. H., Spuyten Duyvil, N. Y. Projecting mechanism. 2,136,209; Nov. 8.
- Finch, William G. H., Spuyten Duyvil, N. Y. Method of and apparatus for facsimile signaling. 2,141,973; Dec. 27.
- Finch, William G. H., Spuyten Duyvil, N. Y. Multiple stylus facsimile recorder. 2,141,975; Dec. 27.
- Finch, William G. H., New York, N. Y. Manufacture of newspaper sound record supplements. 2,106,245; Jan. 25.
- Finch, William G. H., New York, N. Y. Telepicture synchronizing system. 2,108,983; Feb. 22.
- Finch, William G. H., New York, N. Y. Electronic distributor. 2,110,548; Mar. 8.
- Finch, William G. H., New York, N. Y. Dual tone telegraphy system. 2,118,917; May 31.
- Finch, William G. H., New York, N. Y. Facsimile recording tube. 2,123,721; July 12.
- Finch, William G. H., New York, N. Y. Automatic printing telegraphy system. 2,133,811; Oct. 18.
- Finch, William G. H., New York, N. Y. Telepicture electro-optical system. 2,136,789; Nov. 15.
- Finch, William G. H., New York, N. Y. High speed facsimile recorder. 2,141,974; Dec. 27.
- Finck, Joseph L. (See Webster, M. M., and Finck.)
- Fincke, Donald M., Great Neck, N. J., assignor to American Machine & Foundry Company. Sealing mechanism for bread wrapping machines. 2,114,833; Apr. 19.
- Findell, George, Flushing, N. Y. Device for operating Venetian blinds. 2,127,330; Aug. 16.
- Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Apparatus for making metallic tubular workpieces. 2,141,129; Dec. 20.
- Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Guide device. 2,141,130; Dec. 20.
- Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Guide device. 2,104,117; Jan. 4.
- Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Guide device. 2,141,131; Dec. 20.
- Findley, Howard J., Euclid, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automobile heater. 2,114,050; Apr. 12.
- Findley, Howard J., Euclid, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automobile air heating and conditioning device. 2,116,145; May 3.
- Findley, Howard J., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Electric motor. 2,127,166; Aug. 16.
- Findley, Leger L., Yoakum, Tex. Tooth paste compact. 2,111,181; Mar. 15.
- Findley, William G., Columbia, Pa. Sled. 2,115,489; Apr. 26.
- Findley, William M., New York, N. Y., assignor to Daue Surgical Appliance Corp., Roselle, N. J. Pessary. 2,123,148; July 5.
- Findon, Frederick, H., Jr., assignor of one-fourth to G. L. Ralston, and one-fourth to E. E. Malcolm, Freeport, Pa. Hanger. 2,120,891; June 14.
- Fine, Bernard M., assignor to The Midvale Company, Philadelphia, Pa. Apparatus for vibrating ingot molds. 2,109,528; Mar. 1.
- Fine, David S., New York, N. Y. Strand former for parallel wire cables. 2,118,187; May 24.
- Fineout, Jesse C. (See Jones, E., and Fineout.)
- Finestone, Arthur, Montreal, Quebec, Canada. Fuel heating and vaporizing system for internal combustion engines. 2,135,001; Nov. 1.
- Finfrock, John C., Kansas City, Mo. Self-shaking dust mop. 2,104,614; Jan. 4.
- Finger, Paul E., New Kensington, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car roof. 2,120,354; June 14.
- Finishing Systems Incorporated. (See Robertson, Benjamin G., assignor.)
- Fink, Colin G., New York, N. Y. Halogenation of materials. 2,104,741; Jan. 11.
- Fink, Colin G., and P. Deren, New York, N. Y., assignors to Vereinigte Chemische Fabriken zu Leopoldshall, Ashersleben, Germany. Electroplating. 2,138,573; Nov. 29.
- Fink, David E., Kansas City, Mo. Product based upon maté and making the same. 2,126,374; Aug. 9.
- Fink, Ferdinand, Newark, N. J., assignor to National Ice Supply Company. Safety device for saw tables. 2,116,194; May 3.
- Fink, Gail J., La Grange, assignor to National Aluminate Corporation, Chicago, Ill. Treating water. 2,140,401; Dec. 13.
- Fink, George, Yonkers, N. Y. Flashing brick or tile. 2,115,067; Apr. 26.
- Fink, Heinrich, and R. Hofstadt, Wolfen (Kreis Bitterfeld), assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing solutions of cellulose in sulphuric acid. 2,141,383; Dec. 27.
- Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Easy opening container. 2,119,533; June 7.
- Fink, Henry W. (See Will, C. H., and Fink.)
- Fink, John, New York, N. Y. Embroidering machine. 2,118,077; May 24.
- Fink, Louis, Cut Bank, Mont. Flat head plug. 2,134,330; Oct. 25.
- Fink, Morris, New York, N. Y. Portable printing and developing dark cabinet. 2,128,042; Aug. 23.
- Finke, Herman, St. Louis, Mo. Corner construction. 2,118,598; May 24.
- Finkel, Louis, Buffalo, N. Y. Feather renovator. 2,140,200; Dec. 13.
- Finkeldey, William H., Hastings on Hudson, N. Y., assignor to Edes Manufacturing Company, Plymouth, Mass. Zinc alloy engraving plate. 2,141,813; Dec. 27.
- Finkenbeiner, Hermann, Constance, and W. Schmäche, Buchschlag, assignors to Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler, Frankfurt-on-the-Main, Germany. Preparation of formaldehyde concentrates. 2,116,783; May 10.
- Finkl, A., & Sons Company. (See Finkl, William F., assignor.)
- Finkl, William F., assignor to A. Finkl & Sons Company, Chicago, Ill. Die block. 2,104,979; Jan. 11.
- Finkl, William F., assignor to A. Finkl & Sons Company, Chicago, Ill. Steel alloy. 2,104,980; Jan. 11.
- Finlayson, Donald, and L. Latham, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for the treatment of textile materials. 2,111,211; Mar. 15.
- Finlayson, Donald, and R. Bezant, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial materials. 2,132,463; Oct. 11.
- Finlayson, Donald, and R. G. Perry, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,139,542; Dec. 6.
- Finlayson, Donald, and R. G. Perry, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of crimped artificial filaments, fibers, and the like. 2,139,543; Dec. 6.
- Finley, Max S., Indianapolis, Ind. Paper sack for re-tailing eggs. 2,137,277; Nov. 22.
- Finley, Sam E., Atlanta, Ga. Paving. 2,128,291; Aug. 30.
- Finley, Thomas M., St. Louis, Mo. Propeller driven vehicle. 2,115,711; May 3.
- Finley, Walter H., and C. H. Hamilton, Nashville, Tenn. Faucet apparatus. 2,109,958; Mar. 1.
- Finn, Charles O., Cincinnati, Ohio, assignor to Novo Engine Company, Lansing, Mich. Pavement breaking equipment. 2,121,480; June 21.
- Finn, John, Jr., assignor of one-tenth to P. Frohwitter, Berkeley, Calif. Catalytic device. 2,106,910; Feb. 1.
- Finn, Maurice F. (See Eckerson, H. I., Finn, and Margles.)
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to shoe bottoms. 2,117,306; May 17.



- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine and method for applying pressure to shoe bottoms. 2,124,654; July 26.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Bottom filling machine. 2,125,156; July 26.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to soles and shoes. 2,135,660; Nov. 8.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for applying soles to shoes. 2,138,960; Dec. 6.
- Finn, Thomas A., Daly City, Calif. Safety device for fuel conduits. 2,128,292; Aug. 30.
- Finnegan, George B., Jr. (See Durham, H. N., and Finnegan.)
- Finnegan, George B., Jr. (See Suter, E. F., and Finnegan.)
- Finnegan, George B., Jr., Mountain Lakes, N. J., assignor to Eugene, Ltd., New York, N. Y. Permanent waving apparatus. 2,122,134; June 28.
- Finnegan, Martin J. (See Baer, H., and Finnegan.)
- Finnegan, Martin J., New York, N. Y., and H. Baer, Jersey City, assignors to Eclipse Aviation Corporation, East Orange, N. J. Power plant. 2,119,156; May 31.
- Finnegan, Martin J., New York, N. Y., and H. Baer, Jersey City, assignors to Eclipse Aviation Corporation, East Orange, N. J. Spark plug. 2,136,497; Nov. 15.
- Finnegan, William, Kenogami, Quebec, Canada, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Apparatus for disintegrating fibrous substances. 2,120,697; June 14.
- Finnegan, William J., Hollywood, Calif. Freezing and preserving comestibles. 2,129,572; Sept. 6.
- Finnell, Lloyd O., Morning View, Ky. Signal for automobiles. 2,128,769; Aug. 30.
- Fins, Garvie, Lynch, Ky. Power churn. 2,138,296; Nov. 29.
- Finson-Freeman Co. (See Leigh, Nathan J., assignor.)
- Finkel, Herrmann, Frankfort-on-the-Main, Germany. Up-setting apparatus. 2,113,583; Apr. 12.
- Finkel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material and making the same. Re. 20,847; Sept. 6.
- Finkel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material and making same. 2,108,804; Feb. 22.
- Finkel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent materials and producing same. 2,108,805; Feb. 22.
- Finkel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose materials and treating same. 2,108,806; Feb. 22.
- Finkel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent material and making same. 2,108,807; Feb. 22.
- Finkel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent material and making same. 2,108,808; Feb. 22.
- Finkel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material and making the same. 2,108,809; Feb. 22.
- Finkel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent material and composition of matter for producing same. 2,108,810; Feb. 22.
- Flondella, Jean A., East Haven, Conn., assignor to Milton Bradley Company, Springfield, Mass. Game device. 2,126,628; Aug. 9.
- Flore, Casimir, Brooklyn, assignor to E. Gumbel, Woodside, N. Y. Fountain pen. 2,131,016; Sept. 20.
- Floroni, Walter. (See Moser, W., and Fioroni.)
- Flot Società Anonima. (See Valletta, Vittorio, assignor.)
- Fireman, Peter, Lambertville, N. J., assignor to Magnetic Pigment Company, New York, N. Y. Production of iron compounds. 2,127,907; Aug. 23.
- Firestone Cotton Mills. (See Delagrang, Carl R., assignor.)
- Firestone Steel Products Company, The. (See Brink, Winfield S., assignor.)
- Firestone Steel Products Company, The. (See Brown, Archibald M., assignor.)
- Firestone Steel Products Company, The. (See Monahan, Thomas G., assignor.)
- Firestone Steel Products Company, The. (See Olcott, L. B., Soper, Garache, and Runals, assignors.)
- Firestone Steel Products Company, The. (See Shields, Jesse W., assignor.)
- Firestone Steel Products Company, The. (See Van Halteren, Andrew S., assignor.)
- Firestone Tire & Rubber Company, The. (See Beyer, J. E., and Leegman, assignors.)
- Firestone Tire & Rubber Company, The. (See Caldwell, John R., assignor.)
- Firestone Tire & Rubber Company, The. (See Crisp, P. P., and Haggan, assignors.)
- Firestone Tire & Rubber Company, The. (See Dillon, J. H., and Johnston, assignors.)
- Firestone Tire & Rubber Company, The. (See Hale, James E., assignor.)
- Firestone Tire & Rubber Company, The. (See Hoover, Clair G., assignor.)
- Firestone Tire & Rubber Company, The. (See Hulslander, Raymond D., assignor.)
- Firestone Tire & Rubber Company, The. (See Putt, Roy R., assignor.)
- Firestone Tire & Rubber Company, The. (See Riesing, Ellwood F., assignor.)
- Firestone Tire & Rubber Company, The. (See Stevens, Horace D., assignor.)
- Firestone Tire & Rubber Company, The. (See Stevens, H. D., and Allen, assignors.)
- Firestone Tire & Rubber Company, The. (See Taylor, R. S., Torrance, and Anderson, assignors.)
- Firestone Tire & Rubber Company, The. (See Workman, Clarence E., assignor.)
- Firestone Tire & Rubber Company, The. (See Workman, C. E., and Kubaugh, assignors.)
- Firmitana Metallkeramik G. m. b. H. (See Heimberger, Walter, assignor.)
- Firner, William B., Detroit, Mich. Airplane construction. 2,132,529; Oct. 11.
- Firshing, William M., West New Brighton, Staten Island, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,133,979; Oct. 25.
- First Caisson Machinery & Boring Co. (See Satre, Hilmar E., assignor.)
- First National Bank in Bartlesville, The, administrator. (See Frey, F. E., Fitch, and Snow.)
- First National Bank and Trust Company of Minneapolis, trustee. (See Harper, Harry D., assignor.)
- First National Bank of Birmingham, The. (See Terwilliger, Charles O., assignor.)
- First National Bank of Chicago, The, et al., executors. (See Reynolds, Marvin C.)
- First National Bank of Chicago et al., executor. (See Reynolds, M. C., Harris, and Epstein.)
- Firth Carpet Company, The. (See Wilcox, William T., assignor.)
- Firth, Richard S., Ridley Park, Pa. Draft gear centering clip. 2,135,704; Nov. 8.
- Firth-Sterling Steel Company. (See Welch, Elmer B., assignor.)
- Firth, Thos., and John Brown Limited. (See Hatfield, William H., assignor.)
- Fiscel, Harry E., Pittsburgh, Pa. Dry concentrator. 2,139,944; Dec. 13.
- Fisch, Willi. (See Kraus, W., and Fisch.)
- Fischel, Eduard, Berlin-Charlottenburg, assignor to Siemens Apparate und Maschinen G. m. b. H., Berlin, Germany. Automatic speed stabilizing device for aircraft. 2,110,622; Mar. 8.
- Fischel, Eduard, Berlin-Tempelhof, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Aileron control for airplanes. 2,137,974; Nov. 22.
- Fischel, Milton O., Du Bois, Pa. Electrical connector. 2,123,103; July 5.
- Fischer, Adelbert K., and G. B. Petsche, assignors to Schutte & Koerting Co., Philadelphia, Pa. Rotameter. 2,130,981; Sept. 20.
- Fischer, Albert C., Chicago, Ill. Composition material. 2,106,943; Feb. 1.
- Fischer, Albert C., Chicago, Ill. Paving. 2,106,944; Feb. 1.
- Fischer, Albert C., Chicago, Ill. Sponged sheet material. 2,111,113; Mar. 15.
- Fischer, Albert C., Chicago, Ill. Expansion joint for paving structures. 2,111,114; Mar. 15.
- Fischer, Albert C., Chicago, Ill. Ice tray. 2,118,538; May 24.
- Fischer, Albert C., Chicago, Ill. Paving and expansion joint structure. 2,125,857; Aug. 2.
- Fischer, Albert C., Chicago, Ill. Apparatus for making composition strips. 2,132,152; Oct. 4.
- Fischer, Albert C., Chicago, Ill. Apparatus for making composition strips. 2,133,441; Oct. 18.
- Fischer, Albert C., Chicago, Ill. Roofing. 2,133,854; Oct. 18.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Constructional products. 2,115,687; Apr. 26.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Insulating and water proofing material. 2,123,696; July 12.
- Fischer, Alfred E., Milwaukee, Wis. Skater's overshoe. 2,109,566; Mar. 1.
- Fischer, Anthony J., Jackson Heights, assignor to The Dorr Company, Inc., New York, N. Y. Sewage treatment. 2,110,721; Mar. 8.
- Fischer, Anthony J., Jackson Heights, Long Island, assignor to The Dorr Company, Inc., New York, N. Y. Sewage treatment. 2,120,267; Sept. 6.
- Fischer, Anthony J., Jackson Heights, Long Island, and N. E. Lund, Sanford, assignors to The Dorr Company, Inc., New York, N. Y. Sewage digestion. 2,129,266; Sept. 6.



- Fischer, August C., St. Louis County, Mo. Textile treatment. 2,127,252; Aug. 16.
- Fischer, Charles, New York, N. Y. Goggles. 2,122,461; July 5.
- Fischer, Charles, New York, N. Y. Clasp for goggles. 2,126,379; Aug. 9.
- Fischer, Charles, New York, N. Y. Hinge. 2,128,085; Aug. 23.
- Fischer, Charles, New York, N. Y. Goggles. 2,130,127; Sept. 13.
- Fischer, Earl K. (See Ryan, L. W., and Fischer.)
- Fischer, Edward F., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Heat treated aluminum base alloy. 2,123,886; July 19.
- Fischer, Edward F., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Magnesium alloy. 2,127,253; Aug. 16.
- Fischer, Edward F., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Magnesium alloy. 2,127,254; Aug. 16.
- Fischer, Edwin L., Jackson Heights, Long Island, assignor to United Research Corporation, Long Island City, N. Y. Film driving mechanism. 2,106,974; Feb. 1.
- Fischer, Emanuel M., New York, N. Y. Aproned absorbent bath mat. 2,140,902; Dec. 20.
- Fischer, Erich. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)
- Fischer, Ernst. (See Eckert, W., and Fischer.)
- Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazodyestuffs insoluble in water. 2,111,890; Mar. 22.
- Fischer, Franz, Berlin, assignor to Sueddeutsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany. Rectifier. 2,130,384; Sept. 20.
- Fischer, Franz, and H. Koch, assignors to Studien- und Verwertungs-Gesellschaft mit beschränkter Haftung, Mulheim-Ruhr, Germany. Treating synthetic benzene products from hydrogen and the oxides of carbon. 2,128,994; Sept. 6.
- Fischer, Frederick K., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Barometric condenser. 2,127,908; Aug. 23.
- Fischer, Fritz, Berlin-Charlottenburg, and L. Rellstab, Berlin-Nikolassee, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Distance measuring means and method. 2,108,766; Feb. 15.
- Fischer, H. G., & Co. (See Osborn, Howard H., assignor.)
- Fischer, Hans, Crestwood, assignor to Lanova Corporation, New York, N. Y. Injection engine. 2,113,881; Apr. 12.
- Fischer, Hans, Crestwood, assignor to Lanova Corporation, New York, N. Y. Injection engine. 2,119,781; June 7.
- Fischer, Heinrich, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Synthetic tans and producing the same. 2,112,361; Mar. 29.
- Fischer, Heinrich, assignor to E. Horn, Nuremberg, Germany. Toy vehicle. 2,137,159; Nov. 15.
- Fischer, Herbert G. M., Westfield, and C. E. Gustafson, Elizabeth, N. J., assignors to Standard Oil Development Company. Motor fuel. 2,137,080; Nov. 15.
- Fischer, Hermann, Basel, Switzerland. Glyoxal-semiacetals. 2,116,016; May 3.
- Fischer, James B., Detroit, Mich. Electromagnetic control means. 2,121,657; June 21.
- Fischer, John F., Drexel Hill, assignor to Abrasive Company, Philadelphia, Pa. Grinding wheel. 2,121,656; June 21.
- Fischer, Joseph, New York, N. Y. Bracket. 2,121,144; June 21.
- Fischer, Max W., Washington, D. C. Pyrotechnic device. 2,120,246; June 14.
- Fischer, Maximilian J. (See Kruse, W., and Fischer.)
- Fischer, Oscar, Denver, Colo., T. Earle, Pacific Palisades, Calif., and E. F. Haffey, Tacoma, Wash. Concentration of ores. 2,106,800; Feb. 1.
- Fischer, Oskar, Kappelhof, near Friedrichshafen, Germany. Typewriting machine. 2,127,251; Aug. 16.
- Fischer, Philip, Chicago, Ill. Game apparatus. 2,118,037; May 24.
- Fischer, Stefan, Prague, Czechoslovakia. Freewheeling clutch. 2,104,320; Jan. 4.
- Fischer, Thomas, assignor to Bamag-Meuquin Aktiengesellschaft, Berlin, Germany. Absorption, in highly concentrated nitric acid, of nitrous gases formed by the combustion of ammonia. 2,128,527; Aug. 30.
- Fischer, William F. (See Anderson, Gilbert V., assignor.)
- Fischer, William H., Jersey City, N. J. Drill grinding tool. 2,119,741; June 7.
- Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric appliance construction. 2,111,849; Mar. 22.
- Fischlmayr, Hans. (See Zwick, K., Deckel, Fischlmayr, and Ulsamer.)
- Fiscus, Raymond E. (See Vanderpool, J. W., and Fiscus.)
- Fisette, Charles E., Los Angeles, Calif. Hydraulic master brake cylinder control. 2,107,565; Feb. 8.
- Fish, Charles T., Scituate, Mass. Attachment for lawn mowers. 2,104,343; Jan. 4.
- Fish, James, Bristol, Pa., and A. J. Barea, assignors to Brown Company, Berlin, N. H. Method of and apparatus for forming a pulp web. 2,116,168; May 3.
- Fish Machinery Corporation. (See Hunt, William H., assignor.)
- Fish, Mortimer W., assignor to General Motors Corporation, Dayton, Ohio. Liquid level gauge. 2,111,283; Mar. 15.
- Fish, Ned D., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reservoir desk stand. 2,124,771; July 26.
- Fishburn, Otto E., and H. F. Patterson, Detroit, and R. C. Aland, Highland Park, assignors to Chrysler Corporation, Detroit, Mich. Power transmission. 2,127,353; Aug. 16.
- Fishburn, Otto E., and H. F. Patterson, Detroit, and R. C. Aland, Highland Park, assignors to Chrysler Corporation, Detroit, Mich. Power transmission. 2,127,354; Aug. 16.
- Fisher, Adam J., Palisades Park, N. J., assignor to International Agents Development Company, Wilmington, Del. Can feeding machine. 2,104,224; Jan. 4.
- Fisher, Adam E., Minneapolis, Minn., assignor to A. Parker-Smith, New York, N. Y., as trustee. Automatic clutch control. 2,129,350; Sept. 6.
- Fisher, Alexander, Mass., assignor to General Electric Company. Inductor dynamo-electric machine. 2,108,662; Feb. 15.
- Fisher, Andrew J., Sparrows Point, Md., assignor to The Brown Instrument Company, Philadelphia, Pa. Regulator. 2,137,607; Nov. 22.
- Fisher, Arthur W., Forest Hills, and W. B. Wells, Wilkesburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,140,576; Dec. 20.
- Fisher, Carl G., Miami Beach, Fla. Model. 2,136,006; Nov. 8.
- Fisher, Cecil C., assignor to The Magnavox Company, Fort Wayne, Ind. Acoustic apparatus. 2,115,924; May 3.
- Fisher, Charles E., Peekskill, N. Y. Dual oiling system for internal combustion engines. 2,110,662; Mar. 8.
- Fisher, Charley W., Coffeyville, Kans. Oil well valve. 2,109,351; Feb. 22.
- Fisher, Chester F., assignor to J. M. Stockett, Providence, R. I. Feather plucking machine. 2,112,230; Mar. 29.
- Fisher, D. Crockett. (See Mocharnuk, John, assignor.)
- Fisher, Donald, Elizabeth, and G. B. Parker, East Orange, N. J., assignors to American Telephone and Telegraph Company. System and method for identification of conductors in cables. 2,133,384; Oct. 18.
- Fisher, Earl M. (See Nelson, Frank A., assignor.)
- Fisher, Edward E. (See Jesse, R. A., and Fisher.)
- Fisher, Elbert E., St. Louis, Mo. Manufacture of barium compounds. 2,105,940; Jan. 18.
- Fisher, Ernest E., assignor to National Maté Corporation, New York, N. Y. Sandwich cutting device. 2,111,910; Mar. 22.
- Fisher, Ernest F., Springfield, Ill. Drying oven. 2,137,682; Nov. 22.
- Fisher Flouring Mills Co. (See Sisley, L. J., and White, assignors.)
- Fisher, Francis C., Syracuse, N. Y. Indicator tap knob. 2,137,668; Nov. 22.
- Fisher, Francis C., assignor to Fisher Products, Inc., Syracuse, N. Y. Faucet indicator knob and adapter. 2,112,017; Mar. 22.
- Fisher, George. (See Tandler, W. S., and Fisher.)
- Fisher, George H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,109,062; Feb. 22.
- Fisher, George, and W. S. Tandler, assignors to Lefter Patent Company, Inc., New York, N. Y. Pattern control mechanism. 2,136,076; Nov. 8.
- Fisher, Gerald M., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of lead manganese naphthenate. 2,116,884; May 10.
- Fisher, Gerhard R. (See Coulter, H. N., and Fisher.)
- Fisher, Glenn, Bowling Green, Ky. Hair waving pad wringer. 2,136,737; Nov. 15.
- Fisher, Harmon F., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric dehydrator. 2,108,258; Feb. 15.
- Fisher, Harmon F., assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,109,130; Feb. 22.
- Fisher, Harmon F., assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,109,131; Feb. 22.
- Fisher, Harry C., Cincinnati, assignor to The Gardner-Richardson Company, Middletown, Ohio. Deinking paper. 2,112,562; Mar. 29.
- Fisher, Harry P., Seattle, Wash. Power driven scaffold. 2,112,837; Apr. 5.
- Fisher, Henry A., Parkersburg, W. Va. Glass sheet, method and apparatus for making same. 2,108,811; Feb. 22.
- Fisher, Henry C., assignor to Norton Company, Worcester, Mass. Refractory. 2,118,789; May 24.
- Fisher, Henry C., assignor to Norton Company, Worcester, Mass. Refractory for induction furnaces. 2,141,600; Dec. 27.



- Fisher, Isadore J., Dallas, Tex. Machine for hulling nut meats from their shells. 2,135,393; Nov. 1.
- Fisher, J. M., Company. (See Chilson, Lewis S., assignor.)
- Fisher, Jacob, Philadelphia, Pa. Roller bearing. 2,117,877; May 17.
- Fisher, John F., Manheim, Pa., assignor to H. M. Brooks, New York, N. Y., W. T. Gardiner, Boston, Mass., and J. H. Nissley, Manheim, Pa., as trustees. Stoker. 2,109,332; Feb. 22.
- Fisher, Joseph R., Brooklyn, and C. O. Mallinckrodt, Forest Hills, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical transmission control. 2,116,600; May 10.
- Fisher, Joseph S., New York, N. Y. Combined writing instrument and calendar. 2,111,362; Mar. 15.
- Fisher, Lawrence E. (See Frank, W. H., and Fisher.)
- Fisher, Lawrence E., and W. H. Frank, Detroit, Mich. Switch. 2,108,812; Feb. 22.
- Fisher, Lawrence E., and W. H. Frank, Detroit, Mich. Switch. 2,116,673; May 10.
- Fisher, Lawrence E., and W. H. Frank, Detroit, Mich. Electric switch. 2,139,072; Dec. 6.
- Fisher, Leon, Auburn, N. Y. Scaling and dispensing means for bottles. 2,114,797; Apr. 19.
- Fisher, Lloyd H., deceased, Wilmington, by A. B. Nixon, administrator, Holly Oak, assignor to Hercules Powder Company, Wilmington, Del. Blasting composition. 2,104,513; Jan. 4.
- Fisher, Lloyd H., deceased, Wilmington, by A. B. Nixon, administrator, Holly Oak, assignor to Hercules Powder Company, Wilmington, Del. Production of alkyl halides. 2,108,937; Feb. 22.
- Fisher, Lyman C. (See Frank, W. H., and Fisher.)
- Fisher, Lyman C., and W. H. Frank, Detroit, Mich. Electrical distribution system. 2,128,995; Sept. 6.
- Fisher, Lyman C., and W. H. Frank, Detroit, Mich. Detachable collector. 2,134,753; Nov. 1.
- Fisher, Martin M., Seattle, Wash. Recapping tires. 2,110,293; Mar. 8.
- Fisher, Nellie I. (See Hamer, F. M., and Fisher.)
- Fisher Products, Inc. (See Fisher, Francis C., assignor.)
- Fisher, Ralph, assignor to Speed Systems Corporation, New York, N. Y. Communication means. 2,112,456; Mar. 29.
- Fisher, Ralph D., Long Beach, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Spider. 2,135,070; Nov. 1.
- Fisher, Robert P., assignor of fifty-one per cent to R. Pagaman, and twenty-four per cent to P. W. Koontz, Los Angeles, Calif. Rotary drill bit. 2,133,022; Oct. 11.
- Fisher, William V., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Forming glass molds. 2,110,360; Mar. 8.
- Fisk, David, Astoria, assignor to Fisk & Fisk, Inc., New York, N. Y. Combination liquid cooler and stirrer. 2,120,201; June 7.
- Fisk, Edwin J., Cleveland, Ohio. Tappet. 2,116,109; May 3.
- Fisk, Ernest T., Sydney, New South Wales, Australia. Sound excluding ventilating window. 2,125,669; Aug. 2.
- Fisk & Fisk, Inc. (See Fisk, David, assignor.)
- Fisk, Frank B., assignor to Pitman-Moore Company, Indianapolis, Ind. Amine hydriodides. 2,128,741; Aug. 30.
- Fisk, Gustaf L., New York, N. Y. Flying shear. 2,121,145; June 21.
- Fisk, Leonard E., and L. E. Lucas, Topeka, Kans. Current diversion means. 2,106,564; Jan. 25.
- Fisk, Merton L., Somerville, Mass. Spraying nozzle. 2,140,903; Dec. 20.
- Fisk Rubber Corporation, The. (See Hubach, Gustave, assignor.)
- Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Purifying tetraphosphoric acid. 2,128,182; Aug. 23.
- Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Free-mixing finely divided material and inhibiting its normal flocculation or cohesion. 2,131,431; Sept. 27.
- Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Improving the keeping qualities of reactive materials. 2,131,432; Sept. 27.
- Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Baking powder and improving the keeping qualities of the same. 2,131,433; Sept. 27.
- Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Acid calcium tetraphosphate and making the same. 2,133,286; Oct. 18.
- Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Baking powder. 2,138,029; Nov. 29.
- Fitch, Benjamin F., Greenwich, Conn. Lock controlling mechanism for transferable freight containers. 2,108,813; Feb. 22.
- Fitch, Benjamin F., Greenwich, Conn. Apparatus for transferring freight containers. 2,126,763; Aug. 16.
- Fitch, Benjamin F., Greenwich, Conn. Railway car. 2,126,761; Aug. 16.
- Fitch, Benjamin F., Greenwich, Conn. Freight handling vehicle. 2,127,482; Aug. 16.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Transportable cable-winding mechanism. 2,105,476; Jan. 18.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Freight handling apparatus. 2,107,292; Feb. 8.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals, Inc., Cleveland, Ohio. Freight transferring apparatus. 2,127,058; Aug. 16.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Transfer system for freight containers. 2,127,480; Aug. 16.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Apparatus for transferring freight. 2,127,481; Aug. 16.
- Fitch, Benjamin F., Greenwich, Conn., and R. A. Norbom, Clifton, N. J., assignors to Motor Terminals Company, New York, N. Y. Transportation system. 2,114,707; Apr. 19.
- Fitch, Clyde J. (See Lemmon, W. S., and Fitch.)
- Fitch, Ellery R. (See Hewitt, E. E., and Fitch.)
- Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,106,479; Jan. 25.
- Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Piston lubricator. 2,141,150; Dec. 20.
- Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,121,539; June 21.
- Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,132,914; Oct. 11.
- Fitch, Ellery R., Irwin, and G. T. McClure, McKeesport, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,106,480; Jan. 25.
- Fitch, Ian C. (See Moritz, M. R., and Fitch.)
- Fitch, Louis H., Jr. (See Frey, F. E., Fitch, and Snow.)
- Fitch, Louis H., Jr., and F. E. Frey, assignors to Phillips Petroleum Company, Bartlesville, Okla. Producing resinous reaction products of sulphur dioxide and olefins. 2,113,584; Apr. 12.
- Fitch, Louis H., Jr., and F. E. Frey, assignors to Phillips Petroleum Company, Bartlesville, Okla. Preparation of resinous reaction products of sulphur dioxide and olefins. 2,128,932; Sept. 6.
- Fitchburg Engineering Corporation. (See Fickett, E. L., Forman, and Arthur, assignors.)
- Fitchburg Engineering Corporation. (See Fickett, E. L., Forman, and McKay, assignors.)
- Fitchett, Darline E., Denver, Colo. Auxiliary music rack for pianos. 2,128,293; Aug. 30.
- Fitchett, Thomas S., assignor to F. X. Hooper Company, Inc., Glen Arm, Md. Slotter head. 2,105,033; Jan. 11.
- Fitchett, Thomas S., assignor to F. X. Hooper Company, Inc., Glenarm, Md. Printer slotter. 2,110,212; Mar. 8.
- Fitchett, Thomas S., assignor to F. X. Hooper Company, Inc., Glen Arm, Md. Creaser. 2,139,890; Dec. 13.
- Fitchett, Thomas S., and H. B. Greenwood, assignors to F. X. Hooper Company, Inc., Glenarm, Md. Duplex cut-off. 2,122,031; June 28.
- Fites, Cyril B. (See Stroup, F. H., Dick, and Fites.)
- Fitos, Miklos, Woodbridge, N. J. Spring seat. 2,132,291; Oct. 4.
- Filton, Cyrus J. (See Yingling, Frank B., assignor.)
- Fitts, George M., Washington, D. C. Flexible spacer for valve mechanism. 2,130,001; Sept. 13.
- Fitz, Charles L., assignor to H. A. De Vry, Inc., Chicago, Ill. Film gate and framing mechanism. 2,140,738; Dec. 20.
- Fitz Gerald, Alan S., Wynnewood, Pa. Electric control system. 2,129,920; Sept. 13.
- Fitz Gerald, Alan S., Wynnewood, assignor of one-half to F. H. Fleer Corporation, Philadelphia, Pa. Paper registering system. 2,108,767; Feb. 15.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric timing and counting device. 2,110,015; Mar. 1.
- Fitz Gerald, Alan S., Wynnewood, assignor of one-half to Frank H. Fleer Corporation, Philadelphia, Pa. Paper registering control. 2,119,670; June 7.
- Fitzgerald, Alex E. (See Heuer, R. P., and Fitzgerald.)
- Fitzgerald, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for attaching shoe soles. 2,104,118; Jan. 4.
- Fitzgerald, George E. (See Cook, H. J., and Fitzgerald.)
- Fitz Gerald, John J., New York, N. Y. Receptacle. 2,135,392; Nov. 1.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. Re. 2,068,686; Apr. 5.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Device for preventing unintentional locking of automobile doors. 2,105,350; Jan. 11.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Filter. 2,110,124; Mar. 8.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,130,046; Nov. 8.
- Fitzgerald Manufacturing Company. (See Fitzgerald, Albert D., assignor.)



- Fitzgerald Manufacturing Company, The. (See Fitzgerald, Patrick J., assignor.)
- Fitzgerald Manufacturing Company, The. (See Novey, W., and Tromba, assignors.)
- Fitzgerald, Martin D., assignor to Fitzgerald Manufacturing Company, Torrington, Conn. Gasket. 2,114,442; Apr. 19.
- Fitzgerald, Martin D., assignor to Fitzgerald Manufacturing Company, Torrington, Conn. Gasket. 2,134,868; Nov. 1.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Thickness indicator for papermaking machines. 2,117,841; May 17.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. All-metal gasket. 2,135,807; Nov. 8.
- Fitzhugh, John, assignor of one-half to F. Lange, Aberdeen, Wash. Hydraulic transmission. 2,118,464; May 24.
- Fitzky, Wilhelm, Frankfort-on-the-Main-Hochst, assignor to L. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Halogen-substituted alcohols and preparing them. 2,124,851; July 26.
- Fitzner, Alexander. (See White, J. H., and Fitzner.)
- Fitz-On Sales Corporation. (See Critchley, James V., assignor.)
- Fitzpatrick, Jeremiah, Weymouth, Mass. Foot measuring device. 2,139,741; Dec. 13.
- Fitz, Wilhelm, Essen, Germany, assignor, by mesne assignments, to Koppers Company. Continuous-vertical retort oven. 2,110,377; Mar. 8.
- Fiumedoro, Ali J., Dedham, Mass. Necktie. 2,122,811; July 5.
- Flader, Herman A., Denver, Colo. Connector for pressure lines. 2,135,889; Nov. 8.
- Flader, Konrad, Hochheim, near Erfurt, assignor to Olympia Büromaschinenwerke Aktiengesellschaft, Erfurt, Berlin, Germany. Key cap. 2,120,553; June 14.
- Flader, Louis, Chicago, Ill. Combined half-tone screen and negative. 2,134,080; Oct. 25.
- Flagler, Dudley W., assignor to Crosman Seed Corporation, Inc., East Rochester, N. Y. Folding display rack. 2,137,895; Nov. 22.
- Flagler, Harold G., Chicago, Ill. Method of and machine for bending sheet metal. 2,105,240; Jan. 11.
- Flagstad, Oscar A., Minneapolis, Minn. Ironing table. 2,110,108; Mar. 1.
- Flaherty, Harold J., Saugus, Mass., assignor to General Electric Company. Luminaire. 2,109,990; Mar. 1.
- Flaherty, James J., Newark, N. J., assignor to Wabash Appliance Corporation, Brooklyn, N. Y. Making frosted bulbs. 2,137,683; Nov. 22.
- Flaherty, Mark, Haddonfield, N. J., assignor to Radio Corporation of America. Television receiver. 2,119,102; May 31.
- Flakall Corporation. (See Mathews, C. B., Adams, and Berry, assignors.)
- Flakice Corporation. (See Field, Crosby, assignor.)
- Flamm, Joseph, West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Controlling the cooling system of internal combustion engines. 2,134,662; Oct. 25.
- Flammang, John, University City, P. L. Bowser, St. Louis, and H. Ernst, Pine Lawn, assignors to The Sterling Corporation, St. Louis, Mo. Casting pistons. 2,113,585; Apr. 12.
- Flammang, John, and P. L. Bowser, University City, and H. Ernst, Pine Lawn, assignors to The Sterling Corporation, St. Louis, Mo. Making castings. 2,117,948; May 17.
- Flammang, John, University City, and P. L. Bowser and H. Ernst, assignors to The Sterling Corporation, St. Louis, Mo. Method and apparatus for casting. 2,119,242; May 31.
- Flammang, John, and P. L. Bowser, assignors to The Sterling Corporation, St. Louis, Mo. Molding machine. 2,129,351; Sept. 6.
- Flammang, Peter J., Beech Grove, Ind. Multiple rotary mower. 2,134,115; Oct. 25.
- Flanagan, George W., Chicago, Ill. Artificial bait or lure. 2,107,436; Feb. 8.
- Flanagan, William E. (See Nichols, J. A., and Flanagan.)
- Flanders, Hyrum E., assignor to The American Rolling Mill Company, Middletown, Ohio. Hard alloy cutting tool. 2,124,877; July 26.
- Flanders, William E., Detroit, Mich. Portable seat. 2,108,531; Feb. 15.
- Flannery Bolt Company. (See Peirce, W. B., and Kouche, assignors.)
- Flannery, John L. (See Boden, G., and Flannery.)
- Flarsheim, Edwin S. (See Liebel, J. G. H., and Flarsheim.)
- Flashfold Box Corporation. (See Fries, Nestor, assignor.)
- Flatley, John H., Little York, Ill. Smoker's pipe. 2,134,781; Nov. 1.
- Platto, George, assignor to The Ribbon Mills Corporation, New York, N. Y. Bow. 2,105,436; Jan. 11.
- Flavin, Walter K., Arlington, Mass. Guard for rakes. 2,137,608; Nov. 22.
- Flaxman, Marcellus T. (See Barnes, C. D., and Flaxman.)
- Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Anti-foaming and antifreezing mixtures. 2,127,490; Aug. 16.
- Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Foam controlling composition. 2,127,491; Aug. 16.
- Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Anhydrous lubricant. 2,130,540; Sept. 20.
- Fleak, Glen D., Beaumont, Tex., assignor of one-fourth to H. A. Mitchem, one-fourth to C. M. Lewis, Lake Charles, La., and one-fourth to W. D. Fleak, Chicago, Ill. Amusement device. 2,135,176; Nov. 1.
- Fleak, W. D., et al. (See Fleak, Glen D., assignor.)
- Fleckenstein, George A., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,138,760; Nov. 29.
- Fleckenstein, George A., Stratford, and M. L. Waterman, Fairfield, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,114,958; Apr. 19.
- Fleckenstein, George A., Stratford, and M. L. Waterman, Fairfield, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,120,127; June 7.
- Fleer, Frank H., Corporation. (See Fitz Gerald, Alan S., assignor.)
- Fleetwings, Inc. (See de Ganahl, Carl, assignor.)
- Flegal, John R., New York, N. Y., and N. Y. Priessman, Wyoming, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical device. 2,106,344; Jan. 25.
- Fleischel, Gaston, Blenau, France. Variable speed mechanism. 2,136,971; Nov. 15.
- Fleischer, Curt H., Wethersfield, Conn. Toy. 2,104,742; Jan. 11.
- Fleischer, Joseph, East Alton, Ill., assignor to Servel, Inc., New York, N. Y. Absorption refrigeration. 2,136,790; Nov. 15.
- Fleischer, Joseph, East Alton, Ill., assignor to Servel, Inc., New York, N. Y. Working fluid for absorption refrigerating machines. 2,136,791; Nov. 15.
- Fleischer, Max, New York, N. Y. Making motion picture cartoons. 2,130,541; Sept. 20.
- Fleischer, Paul, assignor to Sun Radiator Cover, Inc., Cleveland, Ohio. Chair construction. 2,122,935; July 5.
- Fleischhack, Friedrich K., Leipzig, Germany. Mechanical process for making ready impressions. 2,108,707; Feb. 15.
- Fleischhauer, Richard, Frankfort-on-the-Meisenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs. 2,113,151; Apr. 5.
- Fleischhauer, Richard, Frankfort-on-the-Meisenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs. 2,133,439; Oct. 18.
- Fleischhauer, Richard, Frankfort-on-the-Meisenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs. 2,134,038; Oct. 25.
- Fleischli, John A., and J. M. Kountzman, assignors to Cupples Company, Manufacturers, St. Louis, Mo. Apparatus for securing valve stems to rubber tubes. 2,121,957; June 28.
- Fleischmann, Martin. (See Newell, H. D., and Fleischmann.)
- Fleischmann, Richard. (See Sturm, E., and Fleischmann, assignors.)
- Fleisher, Walter L. (See Blackshaw, Joseph L., assignor.)
- Fleisher, Harry, assignor to Princeton Inc., Watertown, Conn. Inlaid knitted fabric. 2,123,847; July 12.
- Fleisher, Harry, assignor to Princeton Inc., Watertown, Conn. Knitted pile fabric. 2,124,361; July 19.
- Fleisher, Harry, assignor to Princeton, Inc., Watertown, Conn. Napping machine. 2,126,629; Aug. 9.
- Fleisher, Walter L., New City, N. Y. Air conditioning system. 2,105,882; Jan. 18.
- Fleisher, Walter L., New City, N. Y. Air conditioning system. 2,124,290; July 19.
- Fleisher, Walter L., New York, N. Y. Air conditioning. 2,124,291; July 19.
- Fleisher, Walter L., New York, N. Y. Air conditioning apparatus. 2,139,675; Dec. 13.
- Fleisig, Harry, Long Beach, N. Y. Combined doll's valise and baby carriage. 2,113,427; Apr. 5.
- Fleming, Clifford D., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Apron for flatwork ironers. 2,139,544; Dec. 6.
- Fleming, Cornelius S., Berkeley, assignor to E. D. Bullard Company, San Francisco, Calif. Filler for gas mask canisters. 2,115,973; May 3.
- Fleming, Donald L., Glenshaw, assignor of one-half to S. H. Harper, Pittsburgh, Pa. Typewriting machine. 2,111,619; Mar. 22.
- Fleming, Herbert J., assignor to Bendix Products Corporation, South Bend, Ind. Tire cutting machine. 2,105,316; Jan. 11.
- Fleming, Howard M., West Orange, assignor to Gardner Company, Orange, N. J. Register. 2,106,273; Jan. 25.
- Fleming, John S., Niagara Falls, N. Y., assignor, by mesne assignments, to Gilman Fanfold Corporation. Manifold device. 2,110,594; Mar. 8.
- Fleming, Robert E. (See Dick, H. J., and Fleming.)
- Fleming, William B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyor. 2,121,628; June 21.



- Flemington, Alex B. (See Brooks, K. S., and Henel, assignors.)
- Flemming, Charles F., assignor to Roth Rubber Company, Cicero, Ill. Producing a rubber article. 2,138,761; Nov. 29.
- Flemming, Walter L., Hartsdale, and R. C. Reichart, Bronxville, assignors to Century Fan & Ventilator Company, New York, N. Y. Ventilating device. 2,112,524; Mar. 29.
- Flenner, Albert L. (See Tisdale, W. H., and Flenner.)
- Flescher, Pierre H. E., Paris, assignor to Doré & Fils, of Fontaine-les-Grès, Aube, France. Manufacture of knitted articles such as silk stockings. 2,111,850; Mar. 22.
- Flesh, Alfred L., assignor to The Piqua Hosiery Company, Inc., Piqua, Ohio. Bathing suit. 2,115,443; Apr. 26.
- Flesher, Thomas R., McAlester, Okla. Light ray director. 2,109,959; Mar. 1.
- Fleshman, Otis F., St. Joseph, Mo. Hanger. 2,115,625; Apr. 26.
- Fletcher, Boyd, Courtland, Calif. Antislip means for wrist watch chains. 2,114,466; Apr. 19.
- Fletcher, Charles L. (See Malm, C. J., and Fletcher.)
- Fletcher, David A. (See Macht, M. L., and Fletcher.)
- Fletcher, Ernest M., et al. (See Mimeo, Frederick W., assignor.)
- Fletcher, Frank M., Los Angeles, Calif. Color key indicator. 2,112,457; Mar. 29.
- Fletcher, George A., assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn. Garment. 2,119,227; May 31.
- Fletcher, Hardy L., Toronto, Ontario, Canada. Protective beading for motor car fenders. 2,119,429; May 31.
- Fletcher, John, Kenmore, assignor to Plastergon Wall Board Company, Buffalo, N. Y. Building construction. 2,125,286; Aug. 2.
- Fletcher, John, Kenmore, assignor to Plastergon Wall Board Company, Buffalo, N. Y. Coating of fibrous surfaces. 2,130,530; Sept. 20.
- Fletcher Oil Well Desander Corporation. (See McCune, Burton W., assignor.)
- Fletcher, Theodore, assignor to R. D. Ward, Wilmington, Del. Erasing shield. 2,134,688; Nov. 1.
- Fletcher Works, Incorporated. (See Moore, Charles W., assignor.)
- Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Alkyl phenol compounds. 2,133,287; Oct. 18.
- Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Dyeing. 2,133,288; Oct. 18.
- Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of nuclear alkyl derivatives of phenols. 2,134,711; Nov. 1.
- Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of alkyl phenol sulphates. 2,134,712; Nov. 1.
- Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Sulphuric acid derivatives of fatty acid diesters of glycols. 2,136,379; Nov. 15.
- Fleury, Ovilva W. (See Dinkel, Andrew J., assignor.)
- Fleury, Werner, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Shaft coupling. 2,107,070; Feb. 1.
- Flexible Steel Lacing Company. (See Olsen, John C., assignor.)
- Flexlume Corporation. (See Vandermcer, Bartlett, assignor.)
- Fli-Bac Products Corporation. (See Nye, Alvin F., assignor.)
- Flichtenfeld, Carl, and N., New York, N. Y. Fastener for umbrella covers. 2,123,722; July 12.
- Flichtenfeld, Nathan. (See Flichtenfeld, Carl, and N.)
- Flick, Zeno E., Jackson, Mich., and J. R. Price and L. G. Seacat, Kansas City, Mo. Bearing packing. 2,117,472; May 17.
- Flight Refuelling Limited. (See Cobham, Alan J., assignor.)
- Flinchbaugh, Henry K., York, Pa. Automatic filling nozzle. 2,111,851; Mar. 22.
- Flinchbaugh, Henry K., York, Pa. Automatic filling nozzle. 2,111,852; Mar. 22.
- Flinker, Leon A., Detroit, Mich., assignor of one-fourth to J. A. Geismar, Toledo, Ohio. Razor sharpener. 2,113,299; Apr. 5.
- Flint, Clarence H., Westport, assignor to Peter Paul, Inc., Naugatuck, Conn. Chewing gum. 2,138,804; Nov. 29.
- Flint, Dutee W. (See De Millar, Floyd O., assignor.)
- Flint, Forrest F. T., Detroit, Mich., assignor to Automotive Devices Incorporated. Fluid pressure motor. 2,124,735; July 26.
- Flint, Francis C., Zanesville, Ohio, assignor to Hazel Atlas Glass Company, Wheeling, W. Va. Glass batch. 2,113,105; Apr. 5.
- Flint, Francis C., Zanesville, Ohio, assignor to Hazel Atlas Glass Company, Wheeling, W. Va. Glass batch. 2,114,623; May 10.
- Flint, Harry M., and C. Schermerhorn, assignors to The Gates Rubber Company, Denver, Colo. Apparatus for forming automobile floor mats. 2,134,754; Nov. 1.
- Flint, James A., Columbus, Ohio, assignor to The Traylor Vibrator Company. Vibratory feeding apparatus. 2,118,182; May 24.
- Flint, James A., Bexley, Ohio, assignor to The Traylor Vibrator Company. Vibratory screening device. 2,137,753; Nov. 22.
- Flint, Perley G., Brockton, Mass. Shoe. 2,127,255; Aug. 16.
- Flip-Top, Ltd. (See Pellerin, Fabienne, assignor.)
- Floclin, Nels E., and T. R. Weber, Latrobe, Pa., assignors to American Locomotive Company, New York, N. Y. Journal box and lid therefor. 2,126,546; Aug. 9.
- Floclin, Victor E., Oak Park, assignor to Crane Co., Chicago, Ill. Rotary valve operating mechanism. 2,139,632; Dec. 6.
- Floeter, Frederick S., assignor to Wickes Bros., Saginaw, Mich. Broaching machine. 2,136,680; Nov. 15.
- Flogaus, Howard A., Pleasant Ridge, assignor to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Bumper. 2,113,616; Apr. 12.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Attaching device. 2,119,228; May 31.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Printing machine. 2,121,864; June 28.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Ticket strip. 2,121,865; June 28.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag remarker. 2,122,412; July 5.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Printing and pinning machine. 2,125,626; Aug. 2.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag fastening device. 2,131,372; Sept. 27.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Attaching and printing machine and method. 2,136,941; Nov. 15.
- Floraday, Burton S., assignor to Dura Company, Toledo, Ohio. Dome light assembly. 2,106,144; Jan. 18.
- Floraday, Burton S., assignor to Dura Company, Toledo, Ohio. Vehicle lamp. 2,106,145; Jan. 18.
- Floraday, Burton S., assignor to Dura Company, Toledo, Ohio. Making lamp housings. 2,116,345; May 3.
- Florance, Warren M., Bethlehem, Pa., assignor to Bethlehem Steel Company. Highway guard structure. 2,135,705; Nov. 8.
- Floreck, Edward M., Rockaway, N. J., assignor to Stapling Machines Co. Clutch mechanism. 2,130,486; Sept. 20.
- Floreck, Edward M., Rockaway, N. J., assignor to Stapling Machines Co. Work-positioning means for box blank machines. 2,134,116; Oct. 25.
- Florence Pipe Foundry & Machine Company. (See Camerota, Louis A., assignor.)
- Florence-Wehrle Stove Co. (See Pickup, George E., assignor.)
- Florian, Berkeley J., Plantsville, Conn. Folding scissors. 2,126,699; Aug. 16.
- Floridagold Citrus Corporation. (See Hawkins, Orville R., assignor.)
- Florman, Irving, New York, N. Y. Automobile signaling device. 2,109,381; Feb. 22.
- Florman, Irving, New York, N. Y. Electric dry shaver. 2,114,219; Apr. 12.
- Florman, Irving, New York, N. Y. Container. 2,117,157; May 10.
- Florman, Irving, New York, N. Y. Dry shaver. 2,131,317; Sept. 27.
- Floss, Carl W., Detroit, Mich. Transmission. 2,106,870; Feb. 1.
- Floss, Carl W., Detroit, Mich. Transmission. 2,109,007; Feb. 22.
- Flower, Archibald T., Jenkintown, Pa. Insulator bracket. 2,105,112; Jan. 11.
- Flower, Arthur H. (See Geyer, H. D., Flower, and Philippi.)
- Flower, William A., Twin Falls, Idaho. Closure for containers. 2,120,491; June 14.
- Flowers, Eloise. (See Martin, James A., assignor.)
- Flowers, Henry E., Findlay, Ohio. Road vehicle system with power steering mechanism. 2,110,213; Mar. 8.
- Flowers, Henry E., Findlay, Ohio. Truck construction for vehicles. 2,110,214; Mar. 8.
- Flowers, Walter T. (See Hoffman, C. W., Schmidt, and Flowers.)
- Floyd, Henry G., assignor to The McVane Cast Iron Pipe Co., Birmingham, Ala. Horizontal core machine. 2,122,199; June 28.
- Floyd, Henry G., and W. L. Rausche, assignors to McVane Cast Iron Pipe Co., Birmingham, Ala. Plant for and method of manufacturing metal castings. 2,134,117; Oct. 25.
- Floyd, John M., assignor to Bendix Products Corporation, South Bend, Ind. Universal joint. 2,134,408; Oct. 25.
- Floyd, Robert W. (See Gaudrey, F. M., and Floyd.)
- Floyd Wells Company, The. (See Schneider, Frank H., assignor.)
- Floyd Wells Company, The. (See Schneider, F. H., and Schneider, assignors.)
- Floyd Wells Company, The. (See Weston, Richard S., assignor.)



- Flügel, Heinrich, Duisburg, Germany. Drying method and apparatus. 2,118,078; May 24.
- Flugge, Sylvester L. (See Schneider, J. L., Flugge, and Evans.)
- Fluharty, James W., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Destructible drum opener. 2,138,538; Nov. 29.
- Fluharty, William G., Rockville Centre, assignor to The Western Union Telegraph Company, New York, N. Y. Duplex balance indicator. 2,125,670; Aug. 2.
- Flumerfelt, William A., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Joint construction. 2,108,814; Feb. 22.
- Flumerfelt, William A., assignor to Bonded Scale Company, Columbus, Ohio. Weighing scale. 2,121,481; June 21.
- Fluor Corporation, The. (See Fluor, John S., Jr., assignor.)
- Fluor Corporation, The. (See Fluor, J. S., Jr., and Ash, assignors.)
- Fluor, John S., Jr., Santa Ana, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. System for removing crankcase vapors. 2,114,375; Apr. 19.
- Fluor, John S., Jr., Santa Ana, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Engine and exhaust pipe cooling system. 2,138,001; Nov. 29.
- Fluor, John S., Jr., and P. W. Ash, Santa Ana, assignors to The Fluor Corporation Ltd., Los Angeles, Calif. Air cooled muffler. 2,110,395; Mar. 8.
- Fluor, John S., Jr., and P. W. Ash, Santa Ana, assignors to The Fluor Corporation Ltd., Los Angeles, Calif. Air-cooled muffler. 2,121,319; June 21.
- Fluor, John S., Jr., and P. W. Ash, Santa Ana, assignors to The Fluor Corporation Ltd., Los Angeles, Calif. Muffler and ventilator system. 2,130,385; Sept. 20.
- Fluor, John S., Jr., and P. W. Ash, Santa Ana, assignors to The Fluor Corporation Ltd., Los Angeles, Calif. Muffler and ventilator system. 2,130,386; Sept. 20.
- Flury, William J., Long Beach, Calif. Water circulating fishing tool. 2,124,772; July 26.
- Flury, William J., assignor of one-sixth to F. Halfen, one-sixth to L. P. Brandel, and one-half to P. Cavins, Long Beach, Calif. Differential pressure bailer. 2,109,008; Feb. 22.
- Flygare, Carl G. (See Garside, J. I., and Flygare.)
- Flygare, Carl G. (See Silven, H. A., and Flygare.)
- Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Roll grinding machine. 2,132,941; Oct. 11.
- Flynn, Alfred A., Cleveland Heights, assignor to Mueller Electric Company, Cleveland, Ohio. Battery connector. 2,136,814; Nov. 15.
- Flynn, Benjamin H., Alexandria, La. Level indicating device. 2,105,034; Jan. 11.
- Flynn, Benjamin H., Alexandria, La. Wheeled supporting means for heavy machines. 2,106,090; Jan. 18.
- Flynn, Edmund J., Palmerton, Pa., assignor to The New Jersey Zinc Company. Manufacture of pigment. 2,105,834; Jan. 18.
- Flynn, Edward P., and G. F. Robie, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic paper punching machine. 2,117,797; May 17.
- Flynn, Edward J., and J. T. M. Malpica, Schenectady, N. Y., assignors to General Electric Company. Furnace temperature indicator. 2,118,642; May 24.
- Flynn & Emrich Company. (See Turner, J. F., and Breidenbaugh, assignors.)
- Flynn, Joe M., Rutledge, Ala. Mixing apparatus. 2,104,191; Jan. 4.
- Flynn, John B., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Combined window operator and lock. 2,138,539; Nov. 29.
- Flynn, Michael F., Salem, Mass. Leather dyeing machine. 2,140,833; Dec. 20.
- Flynn, Theodore P. (See Allin, G. S., and Flynn.)
- Flynn, Theodore P., and R. E. Neils, Portland, Oreg., dedicated to the free use of the People of the United States. Cutting edge bit for grading equipment. 2,138,150; Nov. 29.
- Flynt, Robert C., assignor of two-fifths to F. G. Miles, Winston-Salem, N. C. Envelope moistener and sealer. 2,121,166; June 21.
- Foard, William G., Jr., Kalamazoo, Mich. Hooding, filling, and capping milk bottles. 2,108,114; Feb. 15.
- Focht, Louis, Trenton, N. J. Floor supporting structure. Re. 20,872; Oct. 4.
- Focht, Louis, Trenton, N. J. Floor supporting structure. 2,120,802; June 14.
- Focke, Theodore B. (See Chadwick, L. S., and Focke.)
- Fodor, Joseph, London, England. Sign. 2,119,157; May 31.
- Fodor, Joseph, London, England. Sign. 2,139,815; Dec. 13.
- Fogden, Frank T. (See Chase, Arthur A., assignor.)
- Fogelberg, Herbert I., St. Paul, Minn. Window screen. 2,116,261; May 3.
- Fogelberg, Herbert I., St. Paul, Minn. Glass block closure. 2,129,921; Sept. 13.
- Fogelson, Emil, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Flexing machine. 2,106,171; Jan. 25.
- Fogerty, Clifford W. (See Fogerty, Esther W., C. G., and C. W.)
- Fogerty, Esther W., C. G., and C. W., Hialeah, Fla. Fire-place. 2,104,254; Jan. 4.
- Fogg, Forest A., Bath, Maine. Electric heater for steam radiators. 2,128,809; Aug. 30.
- Foilfilm, Inc. (See Kittredge, H. G., and Broderick, assignors.)
- Foilfilm, Inc. (See Kittredge, H. G., and Williams, assignors.)
- Foisy, George A., assignor to Winchester Repeating Arms Company, New Haven, Conn. Disintegrating bullet. 2,105,528; Jan. 18.
- Foisy, George A., New Haven, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,114,443; Apr. 19.
- Folberth, Frederick G. and W. M., Cleveland, Ohio. Vehicle control apparatus. 2,135,071; Nov. 1.
- Folberth, William M. (See Folberth, Frederick G. and W. M.)
- Földi, Zoltán, Budapest, Hungary. Polyhydroxy leuco derivatives of triphenylmethane and their production. 2,116,827; May 10.
- Földi, Zoltán, Budapest, Hungary. Etherified derivatives of pentahydroxyfuchson and process for their production. 2,134,247; Oct. 25.
- Foley, Charles F., and C. W. Anklam, assignors to C. M. Hall Lamp Company, Detroit, Mich. Vehicle lamp. 2,122,342; June 28.
- Foley Greenhouse Manufacturing Company, The. (See Foley, Philip J., Jr., assignor.)
- Foley, John P., Lorain, Ohio, assignor to National Tube Company. Checkerwork for hot-blast stoves. 2,139,073; Dec. 6.
- Foley, John W. (See Dietze, E., and Foley.)
- Foley, Joseph H., Schenectady, N. Y., assignor to General Electric Company. Electric valve translating system. 2,122,282; June 28.
- Foley, Philip J., Jr., River Forest, Ill., assignor to The Foley Greenhouse Manufacturing Company. Greenhouse construction. 2,122,005; June 28.
- Foley, Thomas A., Astoria, N. Y. Crane construction. 2,130,487; Sept. 20.
- Folgar, Roy C., Cleveland Heights, Ohio, assignor to The Cowles Detergent Company. Treating siliceous materials. 2,141,132; Dec. 20.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Feeding mechanism for slicing machines. 2,121,350; June 21.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,126,380; Aug. 9.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,128,407; Aug. 30.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,136,792; Nov. 15.
- Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Injector overflow mechanism. 2,131,871; Oct. 4.
- Folke, Bengt E., Mamaroneck, and W. E. Wollheim, assignors to Nathan Manufacturing Company, New York, N. Y. Ratchet mechanism. 2,107,662; Feb. 8.
- Folkers, Herman, Omaha, Nebr. Electrode for windmill generators. 2,108,663; Feb. 15.
- Folkman, Robert A., assignor to Nebel Knitting Company, Charlotte, N. C. Stocking. 2,136,426; Nov. 15.
- Follet, Vermont, Elmhurst, Ill., assignor to Standard Screw Company, Hartford, Conn. Lamp joint and adapter. 2,119,987; June 7.
- Follett, Charles A., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand. 2,129,122; Sept. 6.
- Follisain Syndicate Limited. (See Leverick, Frank, assignor.)
- Follisain Syndicate Limited. (See Sainderichin, Nicolas, assignor.)
- Folmer Grafex Corporation, The. (See Hineline, Edson S., assignor.)
- Folmer Grafex Corporation. (See Petit, W. H., and Hineline, assignors.)
- Folsom, Robert H., Los Angeles, Calif. Dehumidifier. 2,128,641; Aug. 30.
- Folsom, Robert H., Glendale, Calif., assignor to Young Radiator Company, Racine, Wis. Air conditioning system with regenerative localized cooling. 2,124,107; July 19.
- Foltz, Wallie, Milwaukee, Wis. Knife. 2,124,615; July 26.
- Fonarrow, Nelson J. (See Geller, Leon W., assignor.)
- Fonda, Gorton R., and R. P. Johnson, Schenectady, N. Y., assignors to General Electric Company. Fluorescent lamp and fluorescent material therefor. 2,141,905; Dec. 27.
- Fonda, Harold H., Skaneateles, assignor to Nye-Wait Company, Inc., Auburn, N. Y. Textile fabric and making the same. 2,121,909; June 28.
- Fonda, John S. (See Hyden, W. L., and Fonda.)
- Fon Dersmith, Charles R., and W. W. Bergmann, assignors to The American Rolling Mill Company, Middletown, Ohio. Ingot mold stool. 2,125,496; Aug. 2.
- Fondiller, William, Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic switch. 2,115,804; May 3.
- Fonseca, Edward L., assignor to The Wilcolator Company, Newark, N. J. Thermostat for electric ranges. 2,125,627; Aug. 2.
- Fontan, Le Roy H., Rutherford, N. J. Mirror provided lipstick receptacle. 2,121,221; June 21.



- Fontan, Le Roy H., Rutherford, N. J. Article of jewelry and the like. 2,121,344; June 21.
- Fontana, Sylvester L., St. Louis, Mo. Nut-cracking machine. 2,138,473; Nov. 29.
- Fontenot, Abel, Fort Benning, Ga. Suction pump. 2,129,415; Sept. 6.
- Food Concentrates, Inc. (See Northcutt, R. T., and Johnston.)
- Food Devices Incorporated. (See Reinecke, Marshall C., assignor.)
- Food Machinery Corporation. (See Bucher, J., and Tullar, assignors.)
- Food Machinery Corporation. (See Cutler, Frank W., assignor.)
- Food Machinery Corporation. (See Hait, James M., assignor.)
- Food Machinery Corporation. (See Hoffeld, Alfred, assignor.)
- Food Machinery Corporation. (See Johnson, Joe E., assignor.)
- Food Machinery Corporation. (See Jones, Lloyd E., assignor.)
- Food Machinery Corporation. (See Lewis, Harold R., assignor.)
- Food Machinery Corporation. (See Marsden, George P., assignor.)
- Food Machinery Corporation. (See Mintert, H. J., and Tate, assignors.)
- Food Machinery Corporation. (See Morse, James W., assignor.)
- Food Machinery Corporation. (See Morse, J. W., and Phillips, assignors.)
- Food Machinery Corporation. (See Obermiller, Albert I., assignor.)
- Food Machinery Corporation. (See Paxton, Gerald C., assignor.)
- Food Machinery Corporation. (See Paxton, G. C., Benson, and Johnson, assignors.)
- Food Machinery Corporation. (See Paxton, Hale, assignor.)
- Food Machinery Corporation. (See Paxton, H., and O'Donnell, assignors.)
- Food Machinery Corporation. (See Pierce, Harold C., assignor.)
- Food Machinery Corporation. (See Reinstein, Maurice, assignor.)
- Food Machinery Corporation. (See Seloske, Frederick W., assignor.)
- Food Machinery Corporation. (See Sharma, Jagan N., assignor.)
- Food Machinery Corporation. (See Skinner, Bronson C., assignor.)
- Food Machinery Corporation. (See Stebler, Fred, assignor.)
- Food Machinery Corporation. (See Stebler, F., and Marsden, assignors.)
- Food Machinery Corporation. (See Tate, John B., assignor.)
- Food Machinery Corporation. (See Thompson, Albert R., assignor.)
- Food Machinery Corporation. (See Thompson, A. R., and de Back, assignors.)
- Food Machinery Corporation. (See Thompson, A. R., and Kerr, assignors.)
- Food Machinery Corporation. (See Thompson, A. R., and Magnuson, assignors.)
- Food Machinery Corporation. (See Twomley, Herbert E., assignor.)
- Foot Filter, Inc. (See Lynch, J. J., Semke, and Womsley, assignors.)
- Foot-Burt Company, The. (See Schiltz, Bernard P., assignor.)
- Foot Company, The. (See Lundbye, Axel E., assignor.)
- Foot, Daniel J. (See Habram, C. E., and Foot.)
- Foot, Daniel J. (See Schamp, C. H., and Foot.)
- Foot, Harold S., Chicago, Ill. Medical case or the like. 2,110,572; Mar. 8.
- Foot, James W., Highland, Calif., assignor, by mesne assignments, to Pestco Laboratories, Inc. Vertical dust applicator. 2,132,727; Oct. 11.
- Foot, Theodore, Pilger, Nebr. Egg lift. 2,124,464; July 19.
- Foot, Thomas W., Cleveland, Ohio. Chair iron. 2,122,555; July 5.
- Foothrap, Harry A., Harrisburg, Pa., assignor to Underwood Elliott Fisher Co., New York, N. Y. Combined calculating and recording machine. 2,126,320; Aug. 9.
- Forbes, Allan D., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hanger. 2,114,876; Apr. 19.
- Forbes, Edward M., Virginia Beach, Va. Concrete form or mold. 2,129,208; Sept. 6.
- Forbes, Elizabeth C., Baltimore, Md. Coffee chocolate sirup concentrate. 2,139,304; Dec. 6.
- Forbes, Henry C., assignor to Colonial Radio Corporation, Buffalo, N. Y. Motor vehicle antenna system. 2,138,961; Dec. 6.
- Forbes, James B. (See Barclay, J. M., and Forbes.)
- Forbes, James B., Oak Park, assignor to John Lloyd Wright, Inc., Chicago, Ill. Toy building set. 2,119,990; Mar. 15.
- Forbes, John S., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Forged valve body and making same. 2,133,742; Oct. 18.
- Forbes, Lewis J.-B., St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Mold for the manufacture of articles of glass in combination with plastic materials. 2,137,472; Nov. 22.
- Forbes Lithograph Manufacturing Company. (See Larkin, James L., assignor.)
- Forbes Lithograph Manufacturing Company, The. (See Nelson, George S., assignor.)
- Forbush, Augustus D., Pueblo, Colo. Air cooler. 2,104,119; Jan. 4.
- Force, Harold W., Oakland, Calif., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Manufacture of welded spiral pipe. 2,115,925; May 3.
- Force, William A., III. (See Muller, William F., assignor.)
- Forcey, George W. (See Abrams, A., and Forcey.)
- Forcella, Pietro, Rome, Italy. Rail joint. 2,104,157; Jan. 4.
- Forcella, Pietro, Rome, Italy. Rail joint. 2,128,770; Aug. 30.
- Forcica, Ernest A., Minneapolis, Minn. Log cabin structure. 2,130,231; Sept. 13.
- Ford, H. F. (See Kinnard, D. H., and Ford.)
- Ford, Ben K., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,126,250; Aug. 9.
- Ford, Charles R., Alhambra, Calif. Garment protector and support. 2,127,024; Aug. 16.
- Ford, Ernest L., and T. F. W. Brown, Darlington, England. Chimney and/or ventilating cowl. 2,120,605; June 14.
- Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,123,237; July 12.
- Ford, George E. (See Hastings, H., and Ford.)
- Ford, George E., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Temperature indicator. 2,127,592; Aug. 23.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Power operated clutch and brake mechanism. 2,104,455; Jan. 4.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Motor vehicle. 2,123,005; July 5.
- Ford, Henry, H. W. Simpson, and A. O. Roberts, assignors to Ford Motor Company, Dearborn, Mich. Transmission. 2,132,728; Oct. 11.
- Ford Instrument Company. (See Poitras, E. J., and Tear, assignors.)
- Ford, James G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat transfer fluid. 2,139,945; Dec. 13.
- Ford, James G., Forest Hills, and C. F. Hill, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dielectric liquid for electrical apparatus. 2,139,946; Dec. 13.
- Ford, James G., Forest Hills, and C. F. Hill, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dielectric liquid for electrical apparatus. 2,139,947; Dec. 13.
- Ford, James G., Forest Hills, and C. F. Hill, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dielectric liquid for electrical apparatus. 2,139,948; Dec. 13.
- Ford, James W., Chicago, Ill. Orthodontic appliance. 2,104,192; Jan. 4.
- Ford, Jared H., assignor to Kilgore Development Corporation, Washington, D. C. Butyl esters of alpha, alpha-dimethyl-alpha'-carboxydidhydro-gama-pyrone and to making the same. 2,138,540; Nov. 29.
- Ford, Jay T., Flint, assignor by mesne assignments, to General Motors Corporation, Detroit, Mich. Anti-corrosion process for zinc base castings. 2,128,550; Aug. 30.
- Ford, Joseph, Trenton, N. J. Audible signaling handle. 2,107,981; Feb. 8.
- Ford, Julius C., Memphis, Tenn. Nonglare headlighting assembly. 2,122,443; July 5.
- Ford Motor Box Company, The. See Phillips, James A., assignor.)
- Ford Motor Company. (See Farkas, Eugene J., assignor.)
- Ford Motor Company. (See Ford, Henry, assignor.)
- Ford Motor Company. (See Ford, H. L., Simpson, and Roberts, assignors.)
- Ford Motor Company. (See Galamb, Joseph, assignor.)
- Ford Motor Company. (See Galamb, J., and Kramer, assignors.)
- Ford Motor Company. (See Groven, Fredrick J., assignor.)
- Ford Motor Company. (See Holm, Charles L., assignor.)
- Ford Motor Company. (See Olsen, Nick H. E., assignor.)
- Ford Motor Company. (See Peters, William H., assignor.)
- Ford Motor Company. (See Ploch, William F., assignor.)
- Ford Motor Company. (See Sorensen, C. E., and McCarroll, assignors.)
- Ford Motor Company. (See Tache, August, assignor.)
- Ford, Robert V., San Francisco, Calif. Valve and packing cartridge. 2,118,300; May 24.
- Ford Samuel, Denver, Colo. Typist's copyist gauge. 2,115,341; Apr. 26.
- Ford Warren A., Schenectady, N. Y., assignor to General Electric Company. Piezoelectric crystal oscillator. 2,130,777; Sept. 13.
- Ford, Wesley H., and L. G. Walton, Salt Lake City, Utah. Seed display rack. 2,129,049; Dec. 6.



- Forderer Cornice Works. (See Evans, Charles S., assignor.)
- Fordham, Free. (See Beckwith, L. C., Leuschner, and Fordham.)
- Fordyce, Charles R. (See Malm, C. J., and Fordyce.)
- Fordyce, Charles R., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Hydrolyzed cellulose acetate. 2,129,052; Sept. 6.
- Fordyce, Charles R., and J. Emerson, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Manufacture of higher mixed esters of cellulose. 2,113,300; Apr. 5.
- Fordyce, Charles R., and M. Salo, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate lacquers containing oxidized cellulose acetate. 2,132,869; Oct. 11.
- Fordyce, John R., Hot Springs, Ark. Highway. 2,139,816; Dec. 13.
- Foreign Rights (Precision Meters) Limited. (See Horton, Frank, assignor.)
- Forbesman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid heater. 2,140,520; Dec. 20.
- Forbesman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat generating apparatus. 2,140,521; Dec. 20.
- Forbesman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combustion apparatus. 2,140,522; Dec. 20.
- Forbesman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combustion apparatus. 2,140,523; Dec. 20.
- Forbesman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid heating apparatus. 2,140,524; Dec. 20.
- Forest City Foundries Company, The. (See Kuenhold, Otto J., assignor.)
- Forest City Manufacturing Company. (See Durocher, Grace D., assignor.)
- Forest Wadding Company. (See Bangs, Ralph L., assignor.)
- Forester, Arthur E., Cincinnati, Ohio. Seat structure. 2,104,982; Jan. 11.
- Forester, Daniel S., Pennington Gap, Va. Saw set device. 2,136,291; Nov. 8.
- Forgar, Albert H. (See O'Keefe, Cornelius P., assignor.)
- Forged-Trak Co. (See Kuchar, Joseph, assignor.)
- Forges & Ateliers de Constructions Electriques de Jeumont, Societe Anonyme. (See Heidmann, Leon, assignor.)
- Forkardt, Hermann P. M., deceased, by H. Forkardt, geb. Ippelsheim, legal representative, Dusseldorf-Oberkassel, Germany. Operating mechanism for chucks. 2,134,227; Oct. 25.
- Forkardt, Lotte. (See Forkardt, Hermann P. M.)
- Forker, James B., Jr., Cleveland, assignor, by mesne assignments, to The Cleveland Crane and Engineering Company, Wickliffe, Ohio. Switch. 2,138,962; Dec. 6.
- Forkois, Harold. (See Forkois, Joseph and H.)
- Forkois, Joseph, South Ozone Park, N. Y., and H. Forkois, Washington, D. C. Valve mechanism. 2,117,551; May 17.
- Forman, Laurence P., Oakmont, and W. Pancoast, Jeanette, assignors to American Window Glass Company, Pittsburgh, Pa. Manufacture of sheet glass. 2,121,958; June 28.
- Forman, Paris R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Pressure fluid engine. 2,115,845; May 3.
- Forman, William O. (See Fickett, E. L., Forman, and Arthur.)
- Forman, William O. (See Fickett, E. L., Forman, and McKay.)
- Formfit Company, The. (See Abeles, Jerome, assignor.)
- Formhals, Anton, assignor of forty-five one-hundredths to R. Schreiber-Gastell, Mainz, Germany. Artificial fiber construction. 2,109,333; Feb. 22.
- Formhals, Anton, assignor of forty-five one-hundredths to R. Schreiber-Gastell, Mainz, Germany. Method and apparatus for the production of fibers. 2,116,942; May 10.
- Formhals, Anton, assignor of forty-five per cent to Richard Schreiber-Gastell, Mainz, Germany. Method and apparatus for the production of fibers. 2,123,992; July 19.
- Formhals, Richard, assignor to Chemische Fabrik Grünau, Landshoff & Meyer Akt. Ges., Berlin-Grünau, Germany. Protein-carbohydrate fertilizer. 2,117,087; May 10.
- Formica Insulation Company, The. (See Cochrane, John D., Jr., assignor.)
- Formica Insulation Company, The. (See Dryer, John F., assignor.)
- Formica Insulation Company, The. (See Deters, John L., assignor.)
- Fornerbrook, Lawrence M., assignor to Elliott Company, Pittsburgh, Pa. Vacuum cooling unit. 2,112,563; Mar. 29.
- Forney, William E., Merchantville, N. J., assignor to Power Patents Company, Hillside, N. J. Manufacture of sulphurized hydrocarbons. 2,109,692; Mar. 1.
- Forni, George, Oakland, Calif. Meter box. 2,126,700; Aug. 16.
- Fornwalt, Alexander E., Johnstown, Pa. Train pipe valve. 2,126,101; Aug. 9.
- Forrest, Henry C., Merchantville, N. J. Method and apparatus for making and treating artificial fiber. 2,103,285; Feb. 15.
- Forsberg, Albin L., Chicago, and W. J. Chambers, Oak Park, Ill., assignors to The Warfield Company. Cover for cans. 2,141,351; Dec. 27.
- Forsberg, Albin L., Chicago, and W. J. Chambers, Oak Park, Ill., assignors to The Warfield Company. Can cover. 2,141,352; Dec. 27.
- Forsberg, Carl D., Winnetka, Ill. Trouser hanger. 2,108,555; Feb. 15.
- Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Portable electric tool. 2,112,695; Mar. 29.
- Forssell, Harry, and H. Öfverholm, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Regulating means for current rectifying or converting apparatus. 2,128,771; Aug. 30.
- Forster, Alfred L., Glasgow, Scotland, assignor to Owens-Illinois Glass Company. Apparatus for making glass fiber mats. 2,135,072; Nov. 1.
- Förster, August, and L. Ruckert, Würzburg, Germany. Orthopedic boot or shoe. 2,136,815; Nov. 15.
- Forster, Percy M., Berkeley, Calif. Gas burner. 2,132,020; Oct. 4.
- Forster, Percy M., Berkeley, Calif. Orchard heater. 2,132,021; Oct. 4.
- Forstner Chain Corporation. (See Forstner, Walter, assignor.)
- Forstner Chain Corporation. (See Kastner, William, assignor.)
- Forstner, Walter, Irvington, N. J., assignor to Forstner Chain Corporation. Belt ornament end connection. 2,104,833; Jan. 11.
- Forstner, Walter, Irvington, N. J. Connector for adjustable apparel belt chain ends. 2,135,616; Nov. 8.
- Forstner, William, Irvington, N. J., assignor to Forstner Chain Corporation. Elastic band construction. 2,110,872; Mar. 15.
- Forstrom, Edward E., Stratford, assignor to The Bryant Electric Company, Bridgeport, Conn. Electric switch. 2,120,424; June 14.
- Forstrom, Edward E., Stratford, assignor to The Bryant Electric Company, Bridgeport, Conn. Switch with thermal releases. 2,137,134; Nov. 15.
- Forsyth, Alfred, London, England. Closure means for cans and the like containers. 2,107,437; Feb. 8.
- Forsyth, Arthur W., Maplewood, assignor to Wallace Pencil Company, St. Louis, Mo. Pencil and eraser. 2,132,942; Oct. 11.
- Forsyth, George H., Oak Park, Ill. Advertising device. 2,136,429; Nov. 15.
- Forsyth, Robert, assignor to R. N. Burton, Chicago, Ill. Process and apparatus for deriving fiber from flax straw or the like. 2,130,681; Sept. 20.
- Forsythe, John W., Wilkesburg, Pa. Conveyer. 2,105,142; Jan. 11.
- Forsythe, John W., Wilkesburg, and W. Stewart, North Braddock, Pa. Apparatus for handling molten slag. 2,139,949; Dec. 13.
- Fort Wayne Corrugated Paper Company. (See Nickerson, Orva O., assignor.)
- Fort, Joseph W., Brooklyn, N. Y. Comb and hair liquid device. 2,122,715; July 5.
- Forthoffer, Ernest R., Middletown, N. Y. Display cabinet. 2,123,774; July 12.
- Fortier, Russell A. (See Wright, H. C., and Allen, assignors.)
- Fortine, Charles E., Masury, Ohio. Combined flashlight and tester. 2,128,810; Aug. 30.
- Forton, Harold R., Detroit, Mich. Metalizing spray gun. 2,133,504; Oct. 18.
- Fortuna, Frank, assignor of one-third to G. Di Ruscio, and one-third to D. Guarino, Niagara Falls, N. Y. Whistle. 2,133,440; Oct. 18.
- Fortuna-Werke Spezialmaschinen-Fabrik Aktiengesellschaft. (See Danner, Hermann, assignor.)
- Forward, Chauncey B., Urbana, Ohio, assignor, by mesne assignments, to Forward Process Company, Dover, Del. Refining and converting oils. 2,121,026; June 21.
- Forward, Chauncey B., Urbana, Ohio, assignor, by mesne assignments, to Forward Process Company, Dover, Del. Cracking hydrocarbons. 2,121,027; June 21.
- Forward Process Company. (See Forward, Chauncey B., assignor.)
- Forward, Worthy J. F., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Tool head for milling machines. 2,106,835; Feb. 1.
- Forward, Worthy J. F., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Machine tool. 2,106,836; Feb. 1.
- Forward, Worthy J. F., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Machine tool. 2,109,960; Mar. 1.
- Fosdick Machine Tool Company, The. (See Linden, C. E., and McClellan, assignors.)
- Fosgood Corporation. (See Farnsworth, Harold I., assignor.)
- Fosgood Corporation. (See Graham, Philip J., assignor.)
- Fosgood Corporation. (See Richards, Harry C., assignor.)
- Fosnot, Louis P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Pump lubricator. 2,130,583; Sept. 20.



- Foss, Clifton T., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Stock quotation monitoring and automatic shelf selection system. 2,134,118; Oct. 25.
- Foss, Clifton T., Stewart Manor, assignor to Arma Engineering Co., Inc., Brooklyn, N. Y. Synchronous control device. 2,138,912; Dec. 6.
- Foss, Ernest. (See Hess, Harry A., assignor.)
- Foss, Ferdinand H. H., Chicago, Ill. Lock rod operating device. 2,120,202; June 7.
- Foss, Levi, Wilmot, S. Dak. Hand duplicator. 2,108,115; Feb. 15.
- Foss, Robert D., Karns City, Pa. Foldable cardboard display carton. 2,109,636; Mar. 1.
- Foss, Wilfred C., Greenville, N. H., assignor to Otis Company, Ware, Mass. Dyeing yarn with indigo. 2,110,595; Mar. 8.
- Fossa, Joseph, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for lacing shoe uppers. 2,106,320; Jan. 25.
- Foster, Benjamin, Company. (See Foster, B., and Seydel, assignors.)
- Foster, Benjamin, and C. J. Seydel, assignors to Benjamin Foster Company, Philadelphia, Pa. Bituminous emulsion. 2,129,416; Sept. 6.
- Foster, Benjamin N., assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Power wrench. 2,140,223; Dec. 13.
- Foster, Bernard W. (See Williams, V. H., and Foster.)
- Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Method and apparatus for treating textile fibers. 2,110,215; Mar. 8.
- Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Fabric and rubber belt. 2,112,525; Mar. 29.
- Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Method and apparatus for treating textile fibers and for making elastic yarn. 2,139,320; Dec. 6.
- Foster Brothers Manufacturing Company. (See Foster, William B., assignor.)
- Foster, Charles E. (See Fennell, Charles A. F., assignor.)
- Foster, Charles M. (See Hill, Tom F., assignor.)
- Foster, Clarence W. (See Atkinson, V. L., and Foster.)
- Foster, Claud H., South Euclid, Ohio. Shock absorber. 2,135,281; Nov. 1.
- Foster, Clifford R., Avoca, Tex. Rotary oil well drill bit. 2,130,639; Sept. 20.
- Foster, David T., Khaur, Punjab, India, assignor to Regan Forge & Engineering Company. Rotary well drilling apparatus. 2,107,475; Feb. 8.
- Foster, Dudley E. (See Mountjoy, G. and Foster.)
- Foster, Dudley E., Orange, N. J., assignor to Radio Corporation of America. Signal converter circuit. 2,111,764; Mar. 22.
- Foster, Dudley E., Orange, N. J., assignor to Radio Corporation of America. Tuning indicator circuit. 2,122,567; July 5.
- Foster, Dudley E., Morristown, N. J., assignor to Radio Corporation of America. Receiver volume range expansion circuit. 2,112,278; Mar. 29.
- Foster, Dudley E., Morristown, N. J., assignor to Radio Corporation of America. Automatic frequency control circuits. 2,128,642; Aug. 30.
- Foster, Dudley E., Morristown, N. J., assignor to Radio Corporation of America. Automatic volume control circuits. 2,128,996; Sept. 6.
- Foster, Dudley E., Morristown, N. J., assignor to Radio Corporation of America. Automatic frequency control circuit. 2,129,085; Sept. 6.
- Foster, Dudley E., Morristown, N. J., and G. Mountjoy, Bayside, N. Y., assignors to Radio Corporation of America. Automatic frequency control circuit. 2,121,735; June 21.
- Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic frequency control circuits. 2,120,974; June 21.
- Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic frequency control circuits. 2,121,736; June 21.
- Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic frequency control circuit. 2,128,997; Sept. 6.
- Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic frequency control circuit. 2,129,123; Sept. 6.
- Foster, Dudley E., South Orange, N. J., and G. Mountjoy, Bayside, Long Island, N. Y., assignors to Radio Corporation of America. Electron ray tube indicator circuit. 2,135,571; Nov. 8.
- Foster, Edward A., Borger, Tex. Crankshaft dressing tool. 2,133,192; Oct. 11.
- Foster, Edwin E., Austin, Tex. Sugar dispenser. 2,128,933; Sept. 6.
- Foster, Ernest A., Manteca, Calif. Earth cutting, digging, and moving machine. 2,131,373; Sept. 27.
- Foster, Frank A., Maywood, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,126,877; Aug. 16.
- Foster, Frank G., Doncaster, and L. J. Lambie, Hamstead, London, England. Engine, pump, meter and the like. 2,124,140; July 19.
- Foster, Fred L., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Radiator. 2,106,091; Jan. 18.
- Foster, Fred L., assignor to Ranap Company Inc., Lynn, Mass. Flocking. 2,128,811; Aug. 30.
- Foster, Harold B., Williamsville, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Purification of phthalic anhydride. 2,105,911; Jan. 18.
- Foster, Harold B., Williamsville, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Making maleic acid and anhydride. 2,114,798; Apr. 19.
- Foster, Harold B., Williamsville, and E. B. Punnett, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Purification of phthalic anhydride. 2,118,918; May 31.
- Foster, Herbert E. (See Hammond, Clayton R., assignor.)
- Foster, Herbert K., Riverside, N. J. Electrical connector. 2,108,708; Feb. 15.
- Foster, James A. (See Moore, Charlie A., assignor.)
- Foster, James W. (See Baynton, H. H., and Foster.)
- Foster Machine Company. (See Alderman, Eugene R., assignor.)
- Foster Machine Company. (See McKean, John O., assignor.)
- Foster, Mortimer, Bronxville, N. Y. Inorganic building system. 2,109,265; Feb. 22.
- Foster, Neal W., Wollaston, assignor to Boston Gear Works, Inc., North Quincy, Mass. Flexible coupling. 2,116,195; May 3.
- Foster, Richard M., Camden, N. J., assignor to Hastings & McIntosh Truss Company, Philadelphia, Pa. Elastic fabric. 2,115,627; Apr. 26.
- Foster, Robert, Bradley, Ohio. Drill. 2,128,240; Aug. 30.
- Foster, Robert J., assignor of one-third to S. G. Lipford and one-third to J. C. V. Connelly, Philadelphia, Pa. Gas saver for internal combustion engines. 2,122,414; July 5.
- Foster, Rose G., et al. (See Foster, William G., assignor.)
- Foster, Rose G., Norwalk, Conn. Educational apparatus. 2,141,526; Dec. 27.
- Foster, Theodore W., & Bro. Co. (See Parkin, Winfred T., assignor.)
- Foster, Tony E., assignor to Herff-Jones Co., Indianapolis, Ind. Finger ring. 2,119,229; May 31.
- Foster, Wade H., Bad Axe, Mich. Hive handling apparatus. 2,108,480; Feb. 15.
- Foster, Walter W., Wichita Falls, Tex. Spinner hoist cat-head control. 2,116,497; May 10.
- Foster, Warren D., Washington Township, Bergen County, N. J., assignor to Kinatome Patents Corporation, New York, N. Y. Machine control. 2,106,730; Feb. 1.
- Foster, Warren D., Washington Township, Bergen County, assignor to Kinatome Patents Corporation, Ridgewood, N. J. Film handling apparatus. 2,135,500; Nov. 8.
- Foster Wheeler Corporation. (See Artsay, Nicholas C., assignor.)
- Foster Wheeler Corporation. (See Blizzard, John, assignor.)
- Foster Wheeler Corporation. (See Buell, Wales S., assignor.)
- Foster Wheeler Corporation. (See Carleton, Hugh E., assignor.)
- Foster Wheeler Corporation. (See Denney, Courtlandt F., assignor.)
- Foster Wheeler Corporation. (See Frisch, Martin, assignor.)
- Foster, Wheeler, Corporation. (See Nelis, Joseph J., assignor.)
- Foster Wheeler Corporation. (See Swanson, Harry R., assignor.)
- Foster Wheeler Corporation. (See Swanson, H. R., and Wallis, assignors.)
- Foster Wheeler Corporation. (See Wallis, J. S., and Swanson, assignors.)
- Foster, William B., assignor to Foster Brothers Manufacturing Company, Utica, N. Y. Spring filling construction for mattresses and cushions. 2,120,093; June 7.
- Foster, William H., Bayside, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Label eating device. 2,107,858; Feb. 8.
- Foster, William H., Elkhart, Ind., assignor to Walco, Incorporated, Detroit, Mich. Lifting jack. 2,125,493; Aug. 2.
- Foster, William H., Norwalk, assignor of ten percent to M. Weiss, Bridgeport, and ninety percent to R. G. Foster, Norwalk, Conn. Windshield. 2,122,366; July 5.
- Fosta, Leopold, and T. Laurent, Bellevue, and F. J. Laurent, Pinbury, Manitoba, Canada. Fire escape. 2,122,315; June 28.
- Fotsch, William G., assignor to Reliable Electric Co., Chicago, Ill. Electrical connector. 2,107,829; Feb. 8.
- Fotsch, William G., assignor to Reliable Electric Co., Chicago, Ill. Nut retainer for split shaft connectors. 2,129,086; Sept. 6.
- Fotsch, William G., assignor to Reliable Electric Co., Chicago, Ill. Conductor clamping means. 2,131,171; Sept. 27.
- Fotsch, William G., assignor to Reliable Electric Co., Chicago, Ill. Automatic line spher. 2,138,918; Dec. 6.



- Föttinger, Hermann, Berlin-Charlottenburg, Germany. Power transmission device. 2,114,179; Apr. 12.
- Föttinger, Hermann, Berlin-Charlottenburg, Germany. Turbomechanical transmission gear. 2,126,547; Aug. 9.
- Föttinger, Hermann, Berlin-Wilmersdorf, Germany. Hydraulic transmission gear. 2,116,461; May 3.
- Föttinger, Hermann, Berlin-Wilmersdorf, Germany. Rotating bowl pump. 2,124,914; July 26.
- Föttinger, Hermann, Berlin-Charlottenburg, Germany. Turbotorque transformer. 2,130,717; Sept. 20.
- Föttinger, Hermann, Berlin-Charlottenburg, Germany. Power transmission device. 2,135,282; Nov. 1.
- Fouch, Noah B. (See Builard, J. O., and Fouch.)
- Fouinart, Jacques, Paris, France, assignor to Guerlain Inc., New York, N. Y. Case for lipstick or similar article. 2,128,515; Aug. 30.
- Foukal, Anthony, Cleveland, assignor to Truscon Steel Company, Youngstown, Ohio. Liner plate. 2,114,834; Apr. 19.
- Foulds, Andrew K., Grosse Pointe Park, assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,139,616; Dec. 6.
- Foulds, Neil M. (See Ferris, W. D., and Foulds.)
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Gaseous electric discharge device and operating the same. 2,116,677; May 10.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric gaseous discharge device. 2,116,678; May 10.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Gaseous electric discharge device and operating same. 2,116,970; May 10.
- Foulks, Albert, Mount Holly, N. J. Automobile signal device. 2,141,210; Dec. 27.
- Found, Clifton G., Schenectady, N. Y., assignor to General Electric Company. Producing polychromatic light. 2,135,283; Nov. 1.
- Found, Clifton G., Schenectady, N. Y., assignor to General Electric Company. Cathodic lamp. 2,135,284; Nov. 1.
- Found, Robert A. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)
- Fountain, Lawrence L. (See West, C. P., Harder, and Fountain.)
- Fouques, Raoul, and J. Lenfant, Paris, France. Electro-mechanical winding device. 2,118,790; May 24.
- Fouques, Raoul, and J. Lenfant, Paris, France. Commutator brush control. 2,129,757; Sept. 13.
- Fouquet, Walter, Zeuthen (Mark), Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric current converting system. 2,112,083; Mar. 22.
- Fouquet, Walter, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric control for workpiece shaping tools. 2,114,835; Apr. 19.
- Fouquet, Walter, Zeuthen (Mark), Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier system. 2,137,046; Nov. 15.
- Fourcade, Henry G., Humansdorp, Cape Province, South Africa. Construction of maps from photographs taken from the air. 2,125,553; Aug. 2.
- Fourment, Marcel, Paris, France. Apparatus for conveying objects treated in continuously operating furnaces. 2,122,200; June 28.
- Fournes, Ernst, and H. Diamant-Eerde, Vienna, Austria. Photographic developer. 2,138,486; Nov. 29.
- Fourness, Charles A. (See Wolthuis, H., and Fourness.)
- Fourness, Charles A., Appleton, assignor to Paper Patents Company, Neenah, Wis. Wadding. 2,106,246; Jan. 25.
- Fourness, Charles A., Appleton, and J. M. Graef, Neenah, Wis., assignors, by mesne assignments, to International Cellulose Products Company, Chicago, Ill. Cord coating machine. 2,111,853; Mar. 22.
- Fourness Development Corporation Ltd. (See Fourness, Wilfred, assignor.)
- Fourness, Girard, Hollywood, Calif. Telephone switch. 2,106,299; Jan. 25.
- Fourness, Wilfred, Oakland, Calif., assignor, by mesne assignments, to Fourness Development Corporation, Ltd. Compressor system. 2,105,765; Jan. 18.
- Fourness, Wilfred, Oakland, Calif., assignor, by mesne assignments, to Fourness Development Corporation Ltd. Reciprocating compressor. 2,134,782; Nov. 1.
- Fournier, Trefle E., Fitchburg, Mass. Fastener. 2,120,606; June 14.
- Four Wheel Auto Drive Company, The. (See Dodge, Harry B., assignor.)
- Four Wheel Drive Auto Company. (See Simonds, George D., assignor.)
- Fouse, Frederick Z. (See Klein, C. J., and Fouse.)
- Fouts, Samuel E. (See Bowyer, Abbie G., assignor.)
- Fowler, Albert A., North Hollywood, and R. M. Otis, Pasadena, Calif. Making light-weight molded material. 2,117,605; May 17.
- Fowler, Anna. (See Schmitt, Paula F., assignor.)
- Fowler, Carl H. (See Eaves, William C., assignor.)
- Fowler, Frank E., Athens, Ga., assignor to Continental Can Company, Inc., New York, N. Y. Can head seaming machine. 2,141,976; Dec. 27.
- Fowler, Frederick A., Nevada City, Calif. Mounting. 2,137,669; Nov. 22.
- Fowler, Glenn O. (See Little, Alonzo H., assignor.)
- Fowler, Harry R., Toledo, Ohio. Electric current wave handling. 2,133,980; Oct. 25.
- Fowler, Herman J., Los Angeles, Calif., assignor to Photo-Vox, Inc. Lobby display machine. 2,127,724; Aug. 23.
- Fowler, Ival G., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in treating glass sheets. 2,118,183; May 24.
- Fowler, John, and Company (Leeds) Limited. (See Sanders, Arthur F., assignor.)
- Fowler, L. W. (See Lumpkin, Ray E., assignor.)
- Fowler, Lester T., Oaklyn, N. J., assignor to Radio Corporation of America. Sensitivity control system for automobile radio receivers. 2,121,427; June 21.
- Fowler, Lewis M., et al. (See Amidon, Roy C., assignor.)
- Fowler, Linton S., Milledgeville, Ga. Building block. 2,115,160; Apr. 26.
- Fowler, Maltby S. (See Lilley, S. C., and Fowler.)
- Fowler, Morris G., and L. M. Barker, Clarkdale, Ariz., assignors, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y. Treatment of steel. 2,107,328; Feb. 8.
- Fowler, Owen H., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,111,320; Mar. 15.
- Fowler, Paul L., Portland, Oreg. Making range boilers. 2,123,169; July 12.
- Fowler, Ralph R. (See Saunders, N. H., and Fowler.)
- Fowler, Richard G. (See Owens, J. S., Peake, and Fowler.)
- Fowler, Robert A., Medford, Mass. Baseball pitching target. 2,126,102; Aug. 9.
- Fowler, Thomas P., Pittsburgh, Pa. Pitchometer. 2,132,407; Oct. 11.
- Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Indigoid dye reduction products and making the same. 2,136,427; Nov. 15.
- Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Unsymmetrical modified leuco derivatives of indigoid dyes. 2,136,428; Nov. 15.
- Fox, Charles, Brooklyn, N. Y. Smoker's stand. 2,114,527; Apr. 19.
- Fox, Charles A., assignor to James R. Kearney Corporation, St. Louis, Mo. Connecting device. 2,140,904; Dec. 20.
- Fox, Charles H., assignor to The Ahrens-Fox Fire Engine Company, Cincinnati, Ohio. Parallel series centrifugal pump. 2,107,694; Feb. 8.
- Fox, Charles H., assignor to The Ahrens-Fox Fire Engine Company, Cincinnati, Ohio. Centrifugal pump. 2,112,651; Mar. 29.
- Fox, Cyril A., Mars, Pa. Roll grinding machine and method. 2,115,908; May 3.
- Fox, Douglas P. S., London, England, assignor to The De Laval Separator Company, New York, N. Y. Clarifying and sterilizing beer and other liquids. 2,131,885; Oct. 4.
- Fox Film Corporation. (See Laube, G., Stevens, and Miller.)
- Fox Film Corporation. (See Stevens, Robert C., assignor.)
- Fox, Frederick L., Washington, D. C., assignor to Crown Stove Works, Cicero, Ill. Safety appliance for stoves and ranges. 2,115,305; Apr. 26.
- Fox, Harold C., Waterloo, Iowa. Margin-regulating stop. 2,135,177; Nov. 1.
- Fox, John H., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass building block. 2,118,643; May 24.
- Fox, John H., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Double glazing unit. 2,125,372; Aug. 2.
- Fox, Lena E., Liberal, Kans. Work holding and guiding apparatus. 2,112,768; Mar. 29.
- Fox, Martin, assignor to The Seng Company, Chicago, Ill. Sofa bed. 2,107,993; Feb. 8.
- Fox, Otto, assignor to The Bryant Heater Company, Cleveland, Ohio. Combined diaphragm valve and pressure regulator. 2,111,560; Mar. 22.
- Fox, Raymond S. (See Terry, S. B., and Fox.)
- Fox-Williams, Jack, London, England. Mechanism for opening and closing hinged windows and the like. 2,119,911; June 7.
- Foxboro Company, The. (See Beal, A. G., and Holmberg, assignors.)
- Foxboro Company, The. (See Frymoyer, Webster W., assignor.)
- Frace, Arleen, and H. Van Bree, Racine, Wis. Clipper. 2,107,750; Feb. 8.
- Fradette, Donald F., Cleveland, Ohio. Roof. 2,129,833; Sept. 13.
- Fraim, Freeman W. (See Little, R., and Fraim.)
- Fraim, Freeman W. (See Little, R., Traver, Wood, and Fraim.)
- Frais, Samuel, known as Sam Frais, London, England. Pad for the shoulders of wearing apparel. 2,110,951; Mar. 15.
- Frakes, James H. (See Watts, T. R., and Frakes.)
- Frailick, Syles R., Northbrook, assignor to Kwikon Company, Chicago, Ill. Service entrance device. 2,139,742; Dec. 13.



- Frame, Robert M., assignor to The Clark Thread Company, Newark, N. J. Roll-forming machine. 2,134,914; Nov. 1.
- Francescon, Elio V., Boston, Mass. Antirattler device for windows and the like. 2,105,414; Jan. 11.
- Franchetti, James P., Santa Rosa, Calif. Interchangeable facing. 2,129,922; Sept. 13.
- Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of alcohols. 2,118,881; May 31.
- Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of alcohols. 2,118,882; May 31.
- Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Refining of oils. 2,133,691; Oct. 18.
- Francis, Chas. E., Co. (See Daley, Eugene G., assignor.)
- Francis, Charles E., and B. S. Greensfelder, Martinez, assignors to Shell Development Company, San Francisco, Calif. Suppressing wax in oils. 2,141,601; Dec. 27.
- Francis, Clifford B., Washington Mills, N. Y. Crutch or cane spike. 2,116,941; May 10.
- Francis, Cyril J. (See Savage, L. F., and Francis.)
- Francis, Earle V., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Fine grinding mill. 2,105,766; Jan. 18.
- Francis, Earle V., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Control system for pulverized fuel burners. 2,137,754; Nov. 22.
- Francis, Eldon E., Bakersfield, Calif. Sliding screw adjustable wrist pin. 2,106,945; Feb. 1.
- Francis, Joseph N., Woburn, assignor to Standard Coin Wrappers, Incorporated, Boston, Mass. Article feeding and packaging mechanism. 2,106,975; Feb. 1.
- Francis, Lester V., North Kansas City, and J. H. Grafues, Kansas City, Mo. Loading and transporting watermelons. 2,112,486; Mar. 29.
- Francis, Loren J. (See Huttleston, Fred, assignor.)
- Francis, Louis, Miami, Fla. Calking unit. 2,138,696; Nov. 29.
- Francis, Lynn M., Birmingham, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Vehicle body. 2,119,671; June 7.
- Francis, Lynn M., Birmingham, assignor to Mechanical Handling Systems Inc., Detroit, Mich. Tandem wheel trailer. 2,121,245; June 21.
- Francis, Lynn M., Birmingham, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Movable deck for vehicles. 2,132,464; Oct. 11.
- Francis, Merlin J., Evansville, Wis. Telescope sun visor. 2,120,892; June 14.
- Francis, Oliver T., Renville, Minn. Television system. 2,131,886; Oct. 4.
- Francis, William H. (See Hansen, N. C., and Francis.)
- Francisco, Ferris L., New York, N. Y. Cigarette package and blank or wrapper therefor. 2,106,499; Jan. 25.
- Frank, George B., Berwyn, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Line valve. 2,125,554; Aug. 2.
- Frank, Robert P., Huntington Park, assignor to Bennett Fittings, Vernon, Calif. Pipe fitting for wall supported water closets. 2,107,663; Feb. 8.
- Frango-British Electrical Company Limited, The. (See Brackensee, Auguste H., assignor.)
- Francis-Bongarcon, Aimé P. J., Paris, France. Apparatus for charging furnaces. 2,141,506; Dec. 27.
- Francou, Jacques, Paris, France. Manufacture of formaldehyde. 2,111,469; Mar. 15.
- Francou, Jacques, Paris, assignor to Société Industrielle des Carburants et Solvants, Ivry sur Seine, France. Hydrogenation catalyst. 2,132,613; Oct. 11.
- Frango Company, The. (See Schwalbe, Franz G., assignor.)
- Franchin, Byron, Paris, France, assignor to British Hygienic Containers Limited, London, England. Mechanism for fashioning hollow bodies. 2,114,596; Apr. 19.
- Frank, Emil, Cincinnati, Ohio. Sifting and measuring container. 2,125,497; Aug. 2.
- Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Wheel. 2,105,317; Jan. 11.
- Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Brake drum. 2,109,110; Feb. 22.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 2,121,146; June 21.
- Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Wheel. 2,124,773; July 26.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,127,725; Aug. 23.
- Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Wheel. 2,130,881; Sept. 20.
- Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,134,509; Oct. 25.
- Frank, Georg. (See Sindt, O., and Frank.)
- Frank, George H., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Device for roughening roll surfaces. 2,121,959; Jan. 28.
- Frank, Harrison J. L., Detroit, Mich. Switch cabinet. 2,116,658; May 10.
- Frank, Harrison J. L., assignor to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,107,412; Feb. 8.
- Frank, Harrison J. L., and J. A. Messing, Detroit, Mich. Trolley and current collector means. 2,117,552; May 17.
- Frank, Harrison J. L., and J. A. Messing, Detroit, Mich. Making electrical connectors. 2,126,183; Aug. 9.
- Frank, Harrison J. L., and W. A. Harper, Detroit, Mich. Trolley duct. 2,128,998; Sept. 6.
- Frank, Harrison J. L., and J. A. Messing, Detroit, Mich. Trolley collector for electrical distribution systems. 2,132,022; Oct. 4.
- Frank, Harry S., New York, N. Y. Sachet. 2,124,396; July 19.
- Frank, Herbert, Kassel-Wilhelmshöhe, Germany, assignor to The Superheater Company, New York, N. Y. Tubular unit for water walls or the like. 2,140,739; Dec. 20.
- Frank, Joseph, Brooklyn, N. Y. Light screen for automobiles. 2,106,889; Feb. 1.
- Frank, Michael, and D. Willinger, Freeport, N. Y. Hair-pin dispenser. 2,105,811; Jan. 18.
- Frank, William A., Jersey City, N. J. Conveyer and rotary drum therefor. 2,107,890; Feb. 8.
- Frank, William H. (See Fisher, L. C., and Frank.)
- Frank, William H. (See Fisher, L. E., and Frank.)
- Frank, William H. (See Harper, W. A., and Frank.)
- Frank, William H., Detroit, Mich. Electrical distribution system. 2,106,565; Jan. 25.
- Frank, William H., Detroit, Mich. Circuit breaker. 2,131,800; Oct. 4.
- Frank, William H., and L. C. Fisher, Detroit, Mich. Electrical distribution system. 2,134,755; Nov. 1.
- Frank, William H., and L. E. Fisher, Detroit, Mich. Contact set. 2,139,074; Dec. 6.
- Frank, William H., and J. A. Messing, Detroit, Mich. Switch. 2,116,675; May 10.
- Frank, William H., and L. E. Fisher, Detroit, Mich. Electrical distribution system. 2,116,676; May 10.
- Frank, William H., and J. W. Harper, Detroit, Mich. Electrical distribution system. 2,117,307; May 17.
- Frank, William H., and L. E. Fisher, Detroit, Mich. Switch. 2,128,999; Sept. 6.
- Frank, William H., and L. C. Fisher, Detroit, Mich. Electrical distribution system. 2,129,170; Sept. 6.
- Frank, William H., and J. A. Messing, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,124,413; July 19.
- Frankel, Clarence S., St. Louis, Mo. Clinker disposal device. 2,116,017; May 3.
- Frankel, Erich, assignor to firm of Carl Zeiss, Jena, Germany. Cam follower mechanism. 2,137,081; Nov. 15.
- Frankel, Karl. (See Worobjoff, Ilja, assignor.)
- Frankel, Edward M., New York, and E. H. Barry, Dobbs Ferry, assignors to West Virginia Pulp & Paper Company, New York, N. Y. Operating digesters and apparatus therefor. 2,141,384; Dec. 27.
- Frankel, Ferdinand, Jr., New York, N. Y. Solderless lug. 2,123,506; July 12.
- Frankel, Hermann. (See Maisch, Wilhelm O., assignor.)
- Frankel, Jacob W. (See Safir, Jacob A., assignor.)
- Frankel, Leo, assignor to Lampen-und Metallwaren-fabriken R. Ditmar Gebrüder Brunner A. G., Vienna, Austria. Camera diaphragm adjusting and indicating mechanism. 2,124,248; July 19.
- Frankel, Mortimer, Indianapolis, Ind., assignor to Fairbanks, Morse & Co., Chicago, Ill. Refrigerator cabinet. 2,129,923; Sept. 13.
- Frankel, William, New York, N. Y. Peephole device. 2,124,525; July 26.
- Frankenfield, Miles R., Freeport, Ill. Sack opening and loading device. 2,126,184; Aug. 9.
- Frankenstein, William P., Cincinnati, Ohio. Collapsible carton. 2,116,513; May 10.
- Frankenthal, Alex M., et al. (See Landau, Charles, assignor.)
- Frankfurt, Elsie, and E. Ravkind, Dallas, Tex. Material garment ensemble. 2,141,814; Dec. 27.
- Frankl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Operation of smelting and reducing furnaces. 2,131,102; Sept. 27.
- Frankl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Smelting and reduction of minerals. 2,136,130; Nov. 15.
- Franklin, Albert W., New York, N. Y. Condenser. 2,109,266; Feb. 22.
- Franklin, Albert W., New York, N. Y. Electric socket. 2,109,770; Mar. 1.
- Franklin, Albert W., New York, N. Y. Radio tube socket and support. 2,109,771; Mar. 1.
- Franklin, Benjamin B. (See Kechnel, Roy B. and N., assignors.)
- Franklin, Charles S., Poldhu, near Mullion, England, assignor to Radio Corporation of America. Radio direction finder. 2,104,075; Jan. 4.
- Franklin, Charles S., London, England, assignor to Radio Corporation of America. Aerial feeder arrangement. 2,130,387; Sept. 20.
- Franklin Creamery Company, The. (See MacLean, J. Showles, assignor.)
- Franklin, David, Reusselach, N. Y. Projection timing device. 2,141,037; Dec. 20.
- Franklin, Lawrence W., DeWanna, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Home record cut out assembly. 2,106,693; Jan. 25.



- Franklin, Leslie U., Sweetwater, Tex., assignor, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Acid treatment of petroleum oils. 2,121,167; June 21.
- Franklin, Lester K., Chicago, Ill. Locking handle for automobile hoods. 2,105,912; Jan. 18.
- Franklin Railway Supply Company. (See Zouck, George H., assignor.)
- Franklin Rayon Corporation. (See Little, Royal, assignor.)
- Franklin Rayon Corporation. (See Little, R., and Fraim, assignors.)
- Franklin Rayon Corporation. (See Little, R., Traver, Wood, and Fraim, assignors.)
- Franklin Steel Works. (See Long, George, assignor.)
- Franklin Steel Works. (See Long, G., and Larsen, assignors.)
- Franklin, Stephens, Chicago, Ill. Grille structure for accordions. 2,133,089; Oct. 11.
- Franklin Tile Company. (See McElroy, Harold S., assignor.)
- Franklin, Walter V. A., New York, N. Y. Chromatic harp. 2,137,160; Nov. 15.
- Franks, Christopher J. (See Loughlin, W. D., and Franks.)
- Franks, Christopher J., Boonton, N. J., assignor to Radio Corporation of America. Automatic volume control. 2,111,765; Mar. 22.
- Franks, James B., Jr., assignor to A. R. McCown, Philadelphia, Pa., trustee. Foot control device. 2,139,010; Dec. 6.
- Franks, Roy W., Salt Lake City, Utah. Draft control device. 2,135,501; Nov. 8.
- Franks, Russell. (See Becket, F. M., and Franks.)
- Franks, Russell, Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide & Carbon Corporation. Welded joint and making the same. 2,113,937; Apr. 12.
- Franks, Russell, Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Chromium steel. 2,120,554; June 14.
- Franks, Russell, Niagara Falls, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Turbine blade. 2,140,905; Dec. 20.
- Franks, Willie H., assignor of one-half to E. M. Cieri, Shreveport, La. Journal cap for fishing reels. 2,130,826; Sept. 20.
- Franson, Carl V. (See Storck, F. W., and Franson.)
- Frantz, Edna L., Slatington, Pa. Attachment for hair waving machines. 2,122,201; June 28.
- Frantz, Ezra A., Weatherford, Tex. Wireworking machine. 2,110,793; Mar. 8.
- Frantz, Ezra A., Weatherford, Tex. Bale band buckle. 2,110,794; Mar. 8.
- Frantz Manufacturing Co. (See Ferris, William D., assignor.)
- Frantz, Samuel G., and B. S. McCutchen, Princeton, N. J., assignors to Radio Corporation of America. Transmission and reception of intelligence. 2,130,421; Sept. 20.
- Frantz, Walter A. (See Te Pas, Edmund J., assignor.)
- Frantz, Walter A., Cleveland, Ohio. Electrical connector. 2,125,555; Aug. 2.
- Frantz, Walter A., Cleveland Heights, and J. J. McCabe, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Clothes wringer. 2,111,586; Mar. 22.
- Frankwick, Edmond J., assignor to Hanau Engineering Company, Inc., Buffalo, N. Y. Dental articulator. 2,130,083; Sept. 13.
- Franz, Ehrhart, Leipzig, Germany. Continuous bleaching process. 2,110,649; Mar. 8.
- Franz, Ehrhart, Leipzig, Germany. Washing process for textile materials. 2,131,137; Sept. 27.
- Franz, Erhart, Leipzig, and M. Hardtmann, Naunhof, near Leipzig, Germany. Printing paste thickener. 2,127,770; Aug. 23.
- Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for winding material. 2,108,664; Feb. 15.
- Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for winding material. 2,123,238; July 12.
- Franz, Philipp, assignor to Aktiebolaget Svenska Kapsylfabriken, Stockholm, Sweden. Making closing means, especially for collapsible tubes. 2,134,119; Oct. 25.
- Franzen, Hjalmar, Bodsjo, Sweden. Swivel for preventing the twisting of fishing lines of spinning tackles and the like. 2,137,016; Nov. 15.
- Franzheim, George W., Dunkirk, N. Y. Furnace. 2,127,506; Aug. 23.
- Franzmann, Emile C., Arlington, Mass. Heating device. 2,122,936; July 5.
- Fraser, Douglas, & Sons Limited. (See Fraser, Gordon S., assignor.)
- Fraser, George H., Brooklyn, N. Y. Air and other separators. 2,113,586; Apr. 12.
- Fraser, Gordon S., assignor to Douglas Fraser & Sons Limited, Arbroath, Angus, Scotland. Drawing frame, roving frame, and like textile frames. 2,131,172; Sept. 27.
- Fraser, John, Clerkenwell Green, London, assignor to Avery-Hardoll Limited, London, England. Liquid measuring and dispensing apparatus. 2,126,103; Aug. 9.
- Fraser, Le Roy B., Woodbridge, Conn. Gun. 2,122,415; July 5.
- Fraser, Lewis H. D., Sheffield, Ala. Anodic oxidation of ferro-phosphorus. 2,133,289; Oct. 18.
- Fraser, Lewis H. D., Sheffield, Ala. Anodic oxidation of ferro-phosphorus. 2,133,290; Oct. 18.
- Fraser, Ronald G. J., Aymerton, England, assignor to Imperial Chemical Industries Limited. Fractional short-path distillation. 2,128,223; Aug. 30.
- Fraser, William, Liverpool, England. Hydraulic torque transmitting mechanism. 2,110,722; Mar. 8.
- Fraters, William M., Balboa Island, Calif. Floor drain. 2,127,167; Aug. 16.
- Fratis, Joseph E. (See Davis, W. N., Cushman, and Fratis.)
- Fratis, Joseph E. (See Hampton, W. H., Cushman, and Fratis.)
- Frayer, Lee A., Kent, assignor to The Lamson & Sessions Company, Cleveland, Ohio. Feed and cut-off mechanism. 2,106,275; Jan. 25.
- Frayer, Lee A., Kent, assignor to The Lamson & Sessions Company, Cleveland, Ohio. Apparatus for making bolts or the like. 2,108,709; Feb. 15.
- Frayer, Lee A., and C. L. Harvey, Kent, assignors to The Lamson & Sessions Company, Cleveland, Ohio. Apparatus for cutting bar stock. 2,106,274; Jan. 25.
- Frazee, Arthur J. (See Parrish, F. T., and Frazee.)
- Frazee, Doniphan H., assignor to Pan American Engineering Corporation, Ltd., Berkeley, Calif. Regulating mechanism. 2,140,954; Dec. 20.
- Frazee, Frank D., assignor to W. C. Armbruster, Springfield, Ill., doing business as R. H. Armbruster Mfg. Co. Awning mechanism. 2,140,286; Dec. 13.
- Frazier, Oliver E. (See Frazier, Pinkney P., assignor.)
- Frazier, Pinkney P., Memphis, Tenn., assignor of one-half to O. E. Frazier, Hermondale, Mo. Boiler. 2,121,562; June 21.
- Frazier, Philip A., Oak Park, Ill. Printing. 2,127,955; Aug. 23.
- Frazier, Philip A., Oak Park, Ill., assignor to Frazier Processes Incorporated, New York, N. Y. Printing element and making and using same. 2,133,981; Oct. 25.
- Frazier Processes Incorporated. (See Frazier, Philip A., assignor.)
- Frazier-Simplex, Inc. (See Amsler, Walter O., assignor.)
- Frazier, William G., Philadelphia, Pa. Automatically ignited and extinguished hot water shaving brush. 2,132,943; Oct. 11.
- Frazier, William G., Philadelphia, Pa. Clam opener. 2,136,816; Nov. 15.
- Frearson, Thomas B. (See Moncrieff, R. W., Hill, and Frearson.)
- Freber, Elmer C., assignor of one-half to J. L. Wille, St. Louis, Mo. Roller grip wrench. 2,119,622; June 7.
- Freda, Angelo R., Orange, N. J. Window cleaning device. 2,104,615; Jan. 4.
- Freddino, Carney, assignor to The Bridgeport Chain & Manufacturing Company, Bridgeport, Conn. Coupling device for flexible members. 2,105,689; Jan. 18.
- Frede, Charles F., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Axle structure. 2,106,345; Jan. 25.
- Fredenhagen, Walter S., and M. S. Schmidt, Naperville, Ill. Drink mixing apparatus. 2,136,355; Nov. 8.
- Frederick, Charles, Columbiana, Ohio. Erasing device. 2,115,806; May 3.
- Frederick, Donald S. (See Marvel, C. S., and Frederick.)
- Frederick, Louis T., Valparaiso, Ind., assignor to Continental-Diamond Fibre Company, Newark, Del. Socket. 2,128,132; Aug. 23.
- Frederick Post Company, The. (See Hinman, Walker M., assignor.)
- Frederick, Tilghman G., Orange, N. J. Looped film motion picture projector. 2,129,467; Sept. 6.
- Fredericks, John J., Bronx, N. Y. Automatic bath and shower diverter valve. 2,115,628; Apr. 26.
- Fredericks, Kenneth. (See Johnson, Harold G., assignor.)
- Fredericksen, James P. (See Eppler, A., and Frederickson.)
- Fredericksen, James P., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Device for operating upon shoe soles. 2,123,277; July 12.
- Fredericksen, James P., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Insole and making the same. 2,131,838; Oct. 4.
- Fredericksen, James P., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stitch-down shoe. 2,123,278; July 12.
- Frederickson, Carl G., Roslindale, Mass. Wick for oil burners. 2,128,356; Aug. 30.
- Frederickson, Clayton E., Chicago, Ill. Differential mechanism. 2,106,946; Feb. 1.
- Frederickson, Clayton E., Chicago, Ill. Differential mechanism. 2,139,405; Dec. 6.
- Frederickson, Edward A. (See Zinkil, R. H., and Frederickson.)
- Frederickson, Edward A., assignor to Crane Co., Chicago, Ill. Stopper for use in the conventional manner with lavatories, bathtubs, and the like. 2,139,361; Dec. 6.
- Frederickson, Gustav, Forestville, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Magnetizer. 2,125,628; Aug. 2.
- Frederics, E., Inc. (See Brown, James C., assignor.)



- Frederics, E., Inc. (See Dwyer, James E., assignor.)  
 Frederics, Ernest O., Bronxville, N. Y. Hair waving pad. 2,107,438; Feb. 8.  
 Frederics, Ernest O., Bronxville, and J. C. Brown, Mount Vernon, N. Y.; said Brown assignor to said Frederics. Hair waving compound and process. 2,115,161; Apr. 26.  
 Frederics, Ernest O., Bronxville, and J. C. Brown, Mount Vernon, N. Y.; said Brown assignor to said Frederics. Hair treating compound. 2,126,375; Aug. 9.  
 Frederikson, Gunnar, Stockholm, Sweden. Cover for sinks provided with sprinkling means. 2,121,866; June 28.  
 Free, John W. (See Hogg, G., Free, and Carroll.)  
 Free, John W., Alliquippa, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Apparatus for welding. 2,136,772; Nov. 15.  
 Freeberg, Ernest R., assignor to Eagle Signal Corporation, Moline, Ill. Variable timer. 2,133,247; Oct. 11.  
 Freeborn, James E., assignor to Freeborn Power Converters Limited, London, England. Variable speed power transmission apparatus. 2,112,487; Mar. 29.  
 Freeborn Power Converters Limited. (See Freeborn, James E., assignor.)  
 Freed, Edith F. (See Freed, Joseph P., assignor.)  
 Freed, Edward A., Moline, Ill. Self aligning bearing. 2,114,051; Apr. 12.  
 Freed, Joseph P., assignor to E. F. Freed, Los Angeles, Calif. Fluid flow control and silencer. 2,121,482; June 21.  
 Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,113,561; Apr. 12.  
 Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt and belt connector. 2,121,125; June 21.  
 Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,121,222; June 21.  
 Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,124,668; July 26.  
 Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Strainer. 2,127,397; Aug. 16.  
 Freedlander, Abraham L., and J. Rockoff, assignors to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Veneer roll. 2,113,724; Apr. 12.  
 Freedlander, Abraham L., and N. J. Ritzert, assignors to The Dayton Rubber Mfg. Company, Dayton, Ohio. Belt connector. 2,120,698; June 14.  
 Freedlander, Abraham L., and N. J. Ritzert, assignors to The Dayton Rubber Mfg. Company, Dayton, Ohio. Oil well belt connector. 2,140,201; Dec. 13.  
 Freedlander, Abraham L., and N. J. Ritzert, assignors to The Dayton Rubber Mfg. Company, Dayton, Ohio. Fiber bearing belt connector. 2,140,202; Dec. 13.  
 Freedman, Hyman. (See Feuer, S. R., Freedman, Hozinsky, and Balbinder.)  
 Freedman, Louis. (See Hienenz, W., and Freedman.)  
 Freedman, Ruth, New York, N. Y. Shoulder strap clip. 2,110,549; Mar. 8.  
 Freedman, Ruth, New York, N. Y. Combined brassiere and bathing suit. 2,112,151; Mar. 22.  
 Freeland, Frank J. (See Burch, E. S., and Freeland.)  
 Freeland Spool and Bobbin Corp. (See Markle, George B., Jr., assignor.)  
 Freeman, Albert E. (See Darnell, E., Enoch, Grubb, and Freeman.)  
 Freeman, Antony P., San Francisco, Calif. Bucky grid and making same. 2,122,135; June 28.  
 Freeman, Antony P., assignor to one-half to M. P. Grauenhorst, San Francisco, Calif. Musical instrument. 2,122,396; July 5.  
 Freeman, Antony P., San Francisco, Calif. X-ray grid and making same. 2,133,385; Oct. 18.  
 Freeman, Benjamin W., Cincinnati, Ohio. Die. 2,125,494; Aug. 2.  
 Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 2,140,697; Dec. 20.  
 Freeman, Claud W., Fort Worth, Tex. Foldable furniture. 2,127,398; Aug. 16.  
 Freeman, Fador L., Chicago, Ill., assignor to American Optical Company, Southbridge, Mass. Ophthalmic instrument. 2,110,330; Mar. 8.  
 Freeman, Paul B., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Rectifier seating. 2,126,765; Aug. 16.  
 Freeman, Raymond A., Mount Vernon, assignor to R. Hoe & Co., Inc., New York, N. Y. Web roll supply mechanism. 2,123,673; July 12.  
 Freeman, Roy K., Los Angeles, Calif. Automatic electric flasher. 2,122,416; July 5.  
 Freeman, Samuel, New York, N. Y. Hair curling device. 2,110,550; Mar. 8.  
 Freeman, Samuel, New York, N. Y. Lipstick. 2,130,345; Sept. 20.  
 Freeman, Samuel, New York, N. Y. Metal closure and cap for jars, bottles, and the like. 2,132,944; Oct. 11.  
 Freeman, Walter B., Cuyahoga Falls, Ohio, assignor to The E. P. Goodrich Company, New York, N. Y. Ten shoe device. 2,117,412; May 17.  
 Freeman, Walter B. (See Boldt, W. F., and Freeman.)  
 Freeman, Walter R., University, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake control mechanism. 2,113,915; Apr. 12.  
 Freeman, Walter R., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Clutch and brake control mechanism. 2,131,944; Oct. 4.  
 Freemon, John P., assignor to A. A. Burnand, Jr., Los Angeles, Calif. Self-venting valve. 2,113,046; Apr. 5.  
 Freepot Sulphur Company. (See Axelrad, Bernard A., assignor.)  
 Freepot Sulphur Company. (See Lee, Clarence O., assignor.)  
 Freer, Phelps M., Detroit, Mich. Packing ring. 2,107,241; Feb. 1.  
 Frees, Willis S., Garrettsville, Ohio. Self-adjusting auto seat. 2,140,423; Dec. 13.  
 Freese, Hermann, and H. Müller, assignors to Klangfilm G. m. b. H., Berlin, Germany. Light and electrical impulse conversion apparatus. 2,124,031; July 19.  
 Freetag, Henry C., H. P. O'Dell, and F. W. Smith, Kansas City, Kans. Communion set. 2,136,916; Nov. 15.  
 Freeze, Jonathan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Method and apparatus for making helical lock seam culverts. 2,136,942; Nov. 15.  
 Freeze, Jonathan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Manufacture of helical lock seam pipe. 2,136,943; Nov. 15.  
 Frehner, Paul. (See Schwager, A. C., and Frehner.)  
 Frei, John, Jr., assignor to The Glolite Corporation, Chicago, Ill. Artificial Christmas tree. 2,125,906; Aug. 9.  
 Frei, John, Jr., assignor to The Glolite Corporation, Chicago, Ill. Artificial Christmas tree and producing same. 2,125,907; Aug. 9.  
 Freiberg, Ernest, Brooklyn, N. Y. Bandage binder clip. 2,105,725; Jan. 18.  
 Freidel, Edward, Syracuse, N. Y., assignor to Kingan & Co., Incorporated, Indianapolis, Ind. Processing cheese. 2,126,679; Aug. 9.  
 Freimann, Frank, assignor to Electro-Acoustic Products Company, Fort Wayne, Ind. Carrying case for picture projecting apparatus. 2,121,910; June 28.  
 Freimann, Frank, assignor to Electro-Acoustic Products Company, Fort Wayne, Ind. Combined sound and picture reproducing apparatus. 2,139,152; Dec. 6.  
 Freistadt, Willy. (See Weichardt, R., and Freistadt.)  
 Freistadt, Willy. (See Weichardt, R., Freistadt, and Hicke.)  
 Freitag, Friedrich, Wallstadt, assignor to Zellstofffabrik Waldhof, Mannheim-Waldhof, Germany. Automatic return device for control members. 2,127,909; Aug. 23.  
 Frelin, Fritjof, Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Cooling device for pistons. 2,108,532; Feb. 15.  
 French, Alfred W., Chicago, Ill. Apparatus for treating and laying concrete mix. 2,111,261; Mar. 15.  
 French, Alfred W., Chicago, Ill. Producing plastic concrete. 2,134,361; Oct. 25.  
 French, Alfred W., Chicago, Ill. Machine for spreading and finishing plastic pavements. 2,134,689; Nov. 1.  
 French, Alfred W., Chicago, Ill. Machine for treating concrete mix and laying and surfacing the same. 2,136,917; Nov. 15.  
 French, Alfred W., Jr., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Expressing press. 2,122,202; June 28.  
 French Bauer Incorporated. (See Baumann, Lewis A., assignor.)  
 French, Charles A., Riverside, assignor to M. C. Bates, Chicago, Ill. Oil burning. 2,113,252; Apr. 5.  
 French, Charles A., Riverside, Ill., assignor to M. C. Bates. Vaporizing relatively heavy oils. 2,122,684; July 5.  
 French, Charles A., Riverside, assignor to M. C. Bates, Chicago, Ill. Oil vaporizing apparatus. 2,122,685; July 5.  
 French, Charles A., Riverside, Ill., assignor, by mesne assignments, to M. C. Bates. Fuel vaporizer. 2,123,887; July 19.  
 French, Damas, Grafton, N. Dak. Cutting machine for seed potatoes. 2,144,527; Dec. 27.  
 French, Earl W., Haines, Alaska. Vehicle wheel. 2,118,702; May 24.  
 French, Edward M., Garden City, assignor to Rand Rubber Company, Inc., Brooklyn, N. Y. Making garment protectors. 2,125,495; Aug. 2.  
 French, George F., Manchester, England. Curtain suspension and curtain raising appliance. 2,117,606; May 17.  
 French, George F., assignor to Thomas French & Sons Limited, Manchester, England. Triple warp ladder web. 2,111,038; Dec. 20.  
 French & Hecht, Incorporated. (See Beckman, R. H., and Ploehn, assignors.)  
 French, Henry C., assignor to The Heil Co., Milwaukee, Wis. Rotary drier. 2,113,047; Apr. 5.  
 French, Henry C., and H. C. Frenzler, Jr., assignors to The Heil Co., Milwaukee, Wis. Drier furnace. 2,118,502; May 24.  
 French, Henry G., Schenectady, N. Y., assignor to General Electric Company. Current collecting device. 2,109,394; Mar. 1.



- French, Henry G., Schenectady, N. Y., assignor to General Electric Company. Making current collecting devices. 2,109,992; Mar. 1.
- French, James W., assignor to Barr and Stroud Limited, Anniesland, Glasgow, Scotland. Rangefinder and like optical measuring instrument. 2,115,626; Apr. 26.
- French, Jay C., San Gabriel, Calif., assignor to American Concrete & Steel Pipe Company. Water ring for concrete pipe forms. 2,108,371; Feb. 15.
- French, John W., Warren, and J. O. E. Carlson, Youngstown, assignors, by mesne assignments, to Mullins Manufacturing Corporation, Salem, Ohio. Method and apparatus for working sheet metal articles. 2,131,027; Sept. 27.
- French Oil Mill Machinery Company, The. (See French, Alfred W., Jr., assignor.)
- French, Orville B. (See Conrad, F., Aalborg, and French.)
- French, Thomas, & Sons Limited. (See French, George F., assignor.)
- Frentzel, Herman C., Jr., assignor to The Heil Co., Milwaukee, Wis. Draft regulator. 2,122,641; July 5.
- French Renovating Company, The. (See Beitman, Albert B., assignor.)
- French, William J., Nunhead, London, England. Advertising or display device. 2,117,088; May 10.
- French, William J., Nunhead, London, England. Advertising display device. 2,127,910; Aug. 23.
- Frenkel, Leo, New York, assignor to The Hatters' Fur Exchange, Inc., Walden, N. Y. Treating animal fibers. 2,111,391; Mar. 15.
- Frenning, Alfred B. (See Lister, A., and Frenning.)
- Frentzel, Herman C., Jr. (See French, H. C., and Frentzel.)
- Frentzel, Herman C., Jr., assignor to The Heil Co., Milwaukee, Wis. Power transmitting mechanism. 2,112,458; Mar. 29.
- Frérotte, Auguste, Liege, Belgium, assignor to Henry Simon Limited, Stockport, England. Roll adjusting means for grain milling machines. 2,131,277; Sept. 27.
- Frérotte, Auguste, Liege, Belgium, assignor to Henry Simon Limited, Stockport, England. Milling machine for grain. 2,141,647; Dec. 27.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Temperature controlling means for railway cars. 2,117,243; May 10.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Electric valve operating means. 2,119,481; May 31.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. High frequency electrical switch and electromagnetic actuating means therefor. 2,125,436; Aug. 2.
- Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Air cooling system for railway cars. 2,135,125; Nov. 1.
- Freshel, Curtis P., assignor to Bakon Yeast, Inc., New York, N. Y. Treatment of yeast and the product produced thereby. Re. 20,635; Jan. 25.
- Freter, Roy J., assignor to The E. J. Manville Machine Company, Waterbury, Conn. Method of and apparatus for making rivets and the like. 2,114,420; Apr. 19.
- Freundenberg, Carl, G. m. b. H. (See Becker, O. W., and Freundenberg, assignors.)
- Freundenberg, Carl, G. m. b. H. (See Elöd, E., and Demme, assignors.)
- Freundenberg, Carl, G. m. b. H. (See Freundenberg, R., and Lange, assignors.)
- Freundenberg, Carl, G. m. b. H. (See Freundenberg, Richard and H. Runkel, and Lange, assignors.)
- Freundenberg, Carl, G. m. b. H. (See Runkel, Roland, assignor.)
- Freundenberg & Co. G. m. b. H. (See Freundenberg, H., and Haas, assignors.)
- Freundenberg, Gotthard, assignor to The Nestle-Lemur Company, New York, N. Y. Hair-waving heater. 2,134,869; Nov. 1.
- Freundenberg, Gotthard, New York, N. Y., and A. E. Reimers, Harrington Park, N. J., assignors to The Nestle-Lemur Company, New York, N. Y. Hair waving. 2,108,963; Feb. 22.
- Freundenberg, Gotthard, New York, N. Y., and A. E. Reimers, Harrington Park, N. J., assignors to The Nestle-Lemur Company, New York, N. Y. Electrical circuit for hair waving machines. 2,108,964; Feb. 22.
- Freundenberg, Gotthard, O. Seiter, and A. A. Boll, assignors to The Nestle-Le Mur Company, New York, N. Y. Hair clamp and supporting bracket. 2,141,385; Dec. 27.
- Freundenberg, Hans. (See Becker, O. W., and Freundenberg.)
- Freundenberg, Hans. (See Freundenberg, Richard and H. Runkel, and Lange.)
- Freundenberg, Hans, and O. W. Becker, Weinheim, Germany. Manufacture of artificial sausage skins or casings. 2,114,220; Apr. 12.
- Freundenberg, Hans, and P. Haas, Weinheim, assignors to Freundenberg & Co. G. m. b. H., Frankfurt-on-the-Main, Germany. Finishing leather articles. 2,126,321; Aug. 9.
- Freundenberger, Henry, Philadelphia, Pa. Picture hook. 2,137,837; Nov. 22.
- Freundenberg, Richard, H. Freundenberg, R. Runkel, and G. Lange, Weinheim, assignors to the firm Carl Freundenberg G. m. b. H., Weinheim, (Badenia), Germany. Manufacture of spun goods, fabrics and the like. 2,105,035; Jan. 11.
- Freundenberg, Richard, and G. Lange, assignors to firm Carl Freundenberg G. m. b. H., Weinheim, Germany. Manufacture of spun goods, fabrics, and other textiles. 2,105,036; Jan. 11.
- Freundenberger, Heinrich. (See Voss, A., Eisfeld, and Freundenberger.)
- Freundenheim, Mendel E., assignor to L. Rubin, New York, N. Y. Fingerprinting. 2,104,586; Jan. 4.
- Freund, Henry H., Cliffside Park, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dressing textile threads. 2,126,000; Aug. 9.
- Freund, Henry L., and W. L. R. Menges, St. Louis, Mo. Container. 2,116,567; May 10.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Matrix font distinguisher. 2,127,467; Aug. 16.
- Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Distributor signal for typographical machines. 2,138,785; Nov. 29.
- Freund, Morris, Cleveland, Ohio, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Wire spring for cushioned seats and backs. 2,123,888; July 19.
- Freund, Morris, Cleveland, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Wire spring and spring structure for cushioned seats and backs. 2,124,655; July 26.
- Freund, Morris, Cleveland, Ohio, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Wire spring for cushioned seats of vehicles. 2,127,558; Aug. 23.
- Freund, Morris, Cleveland, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Wire spring for cushioned seats of vehicles. 2,133,611; Oct. 18.
- Freund, Otto, Jena, Germany, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Supplementary device for binocular range finders. 2,106,632; Jan. 25.
- Frevert, Robert A., and J. B. Hickey, St. Louis, Mo., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for heating. 2,114,018; Apr. 12.
- Frey, Albert, Riehen, near Basel, and H. M. Wüest, Arlesheim, near Basel, Switzerland, assignors to Hoffman-La Roche Inc., Nutley, N. J. Obtaining morphine and codeine. 2,132,945; Oct. 11.
- Frey, Albert A., Wilkensburg, Pa., and F. Bitter, Cambridge, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnetic material and producing the same. 2,112,084; Mar. 22.
- Frey, Charles N. (See Gore, H. C., and Frey.)
- Frey, Charles N. (See Schultz, A. S., and Frey.)
- Frey, Elmer E., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Tire cover. 2,107,783; Feb. 8.
- Frey, Frank W., assignor to Superior Fastener Corporation, Chicago, Ill. Connector. 2,117,308; May 17.
- Frey, Frederick E. (See Fitch, L. H., Jr., and Frey.)
- Frey, Frederick E., assignor to Phillips Petroleum Company, Bartlesville, Okla. Converting hydrocarbons. 2,104,296; Jan. 4.
- Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Converting hydrocarbons. 2,138,541; Nov. 29.
- Frey, Frederick E., and R. D. Snow, assignors to Phillips Petroleum Company, Bartlesville, Okla. Producing resinous reaction products. 2,112,986; Apr. 5.
- Frey, Frederick E., L. H. Fitch, Jr., and R. D. Snow, Bartlesville, Okla.; The First National Bank in Bartlesville, administrator of said L. H. Fitch, deceased; assignors to Phillips Petroleum Company. Polymerization products and processes for producing the same. 2,114,292; Apr. 19.
- Frey, Frederick E., and H. J. Hepp, Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacturing hydrocarbon oils. 2,116,723; May 10.
- Frey, Frederick E., and P. A. Bury, Bartlesville, Okla., assignors to Phillips Petroleum Company. Molding compositions and producing the same. 2,118,813; May 31.
- Frey, Henry, assignor of one-third to J. H. Goulet, Oakland, and one-third to R. D. Williams, Alameda, Calif. Rack for neckties and the like. 2,138,914; Dec. 6.
- Frey, Karl. (See Gams, A., Widmer, and Frey.)
- Frey, Karl, Dueren, Germany. Metallic packing. 2,119,158; May 31.
- Frey, Peter, Chicago, Ill. Perambulator. 2,120,425; June 14.
- Frey, Sigmund, Los Angeles, Calif. Gate apparatus for surface irrigation pipes. 2,129,758; Sept. 13.
- Freyberg, Ernst, Chemische Fabrik Delitia. (See Freyberg, W., and Haupt, assignors.)
- Freyberg, Werner, and W. Haupt, assignors to Ernst Freyberg Chemische Fabrik Delitia, Delitzsch/Sachsen, Germany. Exterminating corn beetles and other vermin. 2,117,158; May 10.



- Freydberg, Ralph M., New York, assignor to Acme Backing Corporation, Brooklyn, N. Y. Thermoplastic adhesive and laminated fabric comprising same. 2,120,054; June 7.
- Frey Engineering Company. (See Bleibtreu, Herman, assignor.)
- Frey Engineering Company. (See Rice, Owen R., assignor.)
- Froysinger, John B., assignor to North and Judd Manufacturing Company, New Britain, Conn. Clasp. 2,115,362; Apr. 26.
- Friberg, Bengt F., assignor to Laclede Steel Company, St. Louis, Mo. Making embedded bars. 2,137,718; Nov. 22.
- Frick, Chester A., Muncie, Ind. Metal shearing machine. 2,135,002; Nov. 1.
- Frick Company. (See Buehler, Leon, Jr., assignor.)
- Frick Company. (See Crawford, Robert B. P., assignor.)
- Frick Company. (See Labus, O. A., and Crawford, assignors.)
- Frick Company. (See Shenton, Francis, assignor.)
- Frick Company. (See Small, N. M., and Buehler, assignors.)
- Frick, Frederick F., and J. P. Cooper, Anaconda, Mont., assignors to Anaconda Copper Mining Company, New York, N. Y. Lead recovery. 2,104,076; Jan. 4.
- Frick-Gallagher Mfg. Co. (See Mueller, Arthur W., assignor.)
- Frick, William H., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Oven. 2,109,382; Feb. 22.
- Frick, William H., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Oven. 2,122,093; June 28.
- Fricke, Ernst, Berlin-Pankow, Germany, assignor to General Electric Company. Remote signaling system. 2,128,812; Aug. 30.
- Fricke, Guy C., Pleasant Ridge, Mich. Refrigerant compression unit. 2,122,462; July 5.
- Fricke, Hans. (See Wilmanns, G., Fricke, and Birr.)
- Fridaker, Albert B. (See Winkelmann, H. A., and Fridaker.)
- Friday, Ralph W., Pittsburgh, Pa. Staybolt. 2,107,604; Feb. 8.
- Friden, Carl M. F., Piedmont, Calif., assignor by mesne assignments, to International Business Machines Corporation, New York, N. Y. Recorder. 2,128,357; Aug. 30.
- Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Thin metal container. 2,112,085; Mar. 22.
- Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Collapsible tube finishing machine. 2,117,713; May 17.
- Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Tube coating machine. 2,118,599; May 24.
- Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Making collapsible tubes. 2,141,602; Dec. 27.
- Fridolph, Annette, New York, N. Y. Infant's garment. 2,122,417; July 5.
- Friebus, Reginald T., Montclair, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated. Sound reproducing system. 2,114,019; Apr. 12.
- Fried, Benjamin, Brooklyn, N. Y. Novelty. 2,128,133; Aug. 23.
- Fried, Krupp Germaniawerft Aktiengesellschaft. (See Hanschke, Albert, assignor.)
- Fried, Krupp Grusonwerk Aktien-Gesellschaft. (See Johannsen, P., and Völkel, assignors.)
- Fried, Krupp Grusonwerk Aktiengesellschaft. (See Linke, Hans G., assignor.)
- Fried, Nathan, assignor to Johnson Belting Company, New York, N. Y. Method of and machine for stretching leather. 2,125,223; July 26.
- Fried, William B., Pittsburgh, Pa., assignor to Briktex Incorporated, Newark, N. J. Building covering unit. 2,135,572; Nov. 8.
- Friedberg, Albert, et al. (See Gilowitz, Benjamin, assignor.)
- Friedberg, Leonard, New York, N. Y. Powder puff. 2,110,907; Mar. 15.
- Friedberg, Leonard, assignor to Paris Cosmetics, Inc., New York, N. Y. Cosmetic carrier and applier. 2,112,620; Mar. 29.
- Friedberger Aaron Manufacturing Company. (See Aull, Harry, assignor.)
- Friedberger Aaron Manufacturing Company. (See Clement, William D., assignor.)
- Friedel, Arthur C., assignor to Lowman Folding Box Corporation, Syracuse, N. Y. Paper carton and making the same. 2,107,999; Feb. 8.
- Friedemann, Paul E., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Guide control means for web material. 2,117,878; May 17.
- Friedler, Leonard P., assignor to General Textile Mills, Inc., New York, N. Y. Parachute. 2,134,367; Oct. 25.
- Friedrich, Ernst, Berlin Charlottenburg, and H. W. Klose, Berlin Reinickendorf, assignors to Allgemeine Elektrizitäts Gesellschaft, Berlin, Germany. Heater manufacture. 2,131,887; Oct. 4.
- Friedinger, Albert, Furstenfeldbruck, Germany. Sheet metal container. 2,138,061; Nov. 29.
- Friedl, Joseph, Milwaukee, Wis. Dispensing package for candies, nuts, and the like. 2,126,185; Aug. 9.
- Friedland, Samuel N., assignor to Champion Knitwear Company, Inc., Rochester, N. Y. Athletic shirt and making the same. 2,126,186; Aug. 9.
- Friedland, Walter J. (See Crisler, V. J., and Friedland.)
- Friedlander, Bertha. (See Friedlander, Philip M., assignor.)
- Friedlander, Philip M., assignor to B. Friedlander, Brooklyn, N. Y. Bag. 2,141,906; Dec. 27.
- Friedlein, Robert E., Mountain View, N. J., and D. Juelss, Brooklyn, N. Y., assignors to The American Lead Pencil Company, Hoboken, N. J. Mechanical pencil. 2,110,551; Mar. 8.
- Friedlob, Fred M. (See Amberg, Walter E., assignor.)
- Friedman, Allan, Brooklyn, and B. S. Colmes, Mount Vernon, N. Y. Advertising display device. 2,120,519; June 14.
- Friedman, Edward I. (See Weiner, H., and Friedman.)
- Friedman, Harry M., Bayonne, N. J. Plug-in switch. 2,137,569; Nov. 22.
- Friedman, Henry L., East Cleveland, and M. Pollock, Cleveland; said Pollock assignor to W. J. Wesseler, East Cleveland, Ohio. Liquid spraying device. 2,124,551; July 26.
- Friedman, Irving, et al. (See Horowitz, Max, assignor.)
- Friedman, Irving, assignor to Efec Manufacturing Company, Newark, N. J. Watch cleaning machine. 2,104,456; Jan. 4.
- Friedman, Isadore. (See Brussell, Jacob, assignor.)
- Friedman, John H., assignor to The National Machinery Co., Tiffin, Ohio. Double stroke cold header. 2,104,297; Jan. 4.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Machine for making bolts. 2,104,944; Jan. 11.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Machine for making bolts and the like. 2,109,918; Mar. 1.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Die for forming bolt blanks. 2,111,046; Mar. 15.
- Friedman, Joseph B., San Francisco, Calif. Gas range. 2,116,885; Mar. 10.
- Friedman, Joseph B., San Francisco, Calif. Confection. 2,135,808; Nov. 8.
- Friedman, Louis. (See Miller, J. S., and Waller, assignors.)
- Friedman, Morris, et al. (See Horowitz, Max, assignor.)
- Friedman, Morris, Chicago, Ill. Pressing machine. 2,132,562; Oct. 11.
- Friedman, Sigmund, New York, N. Y. Wearing apparel. 2,138,230; Nov. 29.
- Friedman, William F., Washington, D. C. Cryptographic apparatus. 2,139,676; Dec. 13.
- Friedman, William F., Washington, D. C. Cryptographic device. 2,140,424; Dec. 13.
- Friedmann, Albert, Wyomissing, Pa., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Knitting machine. 2,111,262; Mar. 15.
- Friedmann, Albert, Wyomissing, Pa., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Knitted fabric and knitting the same. 2,133,323; Oct. 18.
- Friedmann, Alex. (See Deutsch, Hans, assignor.)
- Friedmann, Alex. (See Nemetz, Gustav, assignor.)
- Friedrich, Martin E. (See Dahlen, M. A., and Friedrich.)
- Friend, Eusta, Marysville, Wash. Corset. 2,139,305; Dec. 6.
- Fries, Daniel, Sr., and D. G., Jr., assignors to The Fries & Son Steel Construction and Engineering Company, Covington, Ky. Cell door locking and operating device. 2,129,171; Sept. 6.
- Fries, Daniel G. (See Fries, Daniel, Sr., and D. G., Jr.)
- Fries, Eduard, Oerlikon, Switzerland. Alternating current arc welding transformer. 2,133,049; Oct. 18.
- Fries, Joel S., Stockholm, Sweden. Arrangement in bogies for railway carriages and the like. 2,118,345; May 24.
- Fries, Nestor, assignor to Flashfold Box Corporation, Fort Wayne, Ind. Strip cutting and applying machine. 2,105,726; Jan. 18.
- Fries & Son Steel Construction and Engineering Company. (See Fries, Daniel, Sr., and D. G., Jr., assignors.)
- Friess, Gustave A., Rye, assignor to News Syndicate Co., Inc., New York, N. Y. Ink fountain construction for use in printing presses. 2,112,459; Mar. 29.
- Friedelt, Arthur A., McHenry, Ill. Steering controller. 2,114,444; Apr. 10.
- Fried, Carl H., Clayton, N. Y. Wheel crane for snow plows. 2,121,960; June 28.
- Fried, Nelson S., Norwood, Mass. Process for Crown Cork & Seal Company, Inc., Bellingham, Md. Cork composition and method of making. 2,121,594; June 28.
- Friedle, Frederlek B., Seattle, Wash. Brake drag measuring machine. 2,126,459; Aug. 9.
- Frich, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Pulverizing system. 2,116,601; May 10.
- Frisch, Martin, Cranford, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Method and apparatus for combustion. 2,118,600; May 24.



- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Fuel combustion system. 2,140,991; Dec. 20.
- Frische, Carl A. (See Moseley, F. L., Cooke, and Frische.)
- Frisina, Umberto, Cranbrook, British Columbia, Canada. Nonskidable plate. 2,113,343; Apr. 5.
- Fristoe, R. E., et al. (See O'Rourke, James R., assignor.)
- Frisz, George E., Indianapolis, Ind. Brake adjusting gauge. 2,119,206; May 31.
- Fritsch, Lewis A., Cincinnati, Ohio. Belt support. 2,117,309; May 17.
- Fritsch, Rudolph E., assignor to Tube-Turns, Incorporated, Louisville, Ky. Method and apparatus for making pipe bends. 2,105,075; Jan. 11.
- Fritsche, Susanne E., St. George, Staten Island, N. Y. Individual coffee or tea bag and separate cover. 2,133,166; Oct. 11.
- Fritts, Wilfred G., Lexington, N. C. Tire tread remover. 2,132,896; Oct. 11.
- Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,111,263; Mar. 15.
- Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultrashort wave antenna system. 2,112,282; Mar. 29.
- Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finding system. 2,112,283; Mar. 29.
- Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron generator. 2,130,002; Sept. 13.
- Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,130,124; Sept. 13.
- Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,132,946; Oct. 11.
- Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,136,101; Nov. 8.
- Fritz, Karl, and R. von Radinger, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,115,521; Apr. 26.
- Fritz, Otto A., Melrose, Mass. Power unit. 2,120,175; June 7.
- Fritze, Otto, Berlin, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,135,706; Nov. 8.
- Fritzsch, Frank A., Cincinnati, Ohio. Power transmission mechanism. 2,105,914; Jan. 18.
- Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Lathe. 2,105,913; Jan. 18.
- Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Guideway for carriages. 2,111,096; Mar. 15.
- Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Tailstock. 2,124,164; July 19.
- Frizzelle, Jasper B. (See Willis, Elijah J., assignor.)
- Froböse, Ernst, Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Magnetic testing device. 2,130,882; Sept. 20.
- Froeliger, William E., Lawrence, Kans. Vehicle window silencer. 2,132,104; Oct. 4.
- Froemming, Frederick M., West Allis, Wis. Resurfacing hone or file. 2,112,152; Mar. 22.
- Frohman, Harry, assignor to Brown Grease Gun Corporation, Charlotte, N. C. Pressure operated switch. 2,111,969; Mar. 22.
- Frohwitter, Phyllis. (See Finn, John, Jr., assignor.)
- Froland, Olav, assignor to J. R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,129,270; Sept. 6.
- Froland, Olav, assignor to James R. Kearney Corporation, St. Louis, Mo. Fuse switch. 2,140,906; Dec. 20.
- Froland, Olav, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,140,907; Dec. 20.
- Frolander, Anna E., Elizabeth, N. J. Sealed oil filter package. 2,114,485; Apr. 19.
- Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,104,859; Jan. 11.
- Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company, New York, N. Y. Typographical composing machine. 2,116,018; May 3.
- Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,125,671; Aug. 2.
- Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,135,748; Nov. 8.
- Frolich, Andrew K., and A. Lundteigen, Jr., Louisville, Nebr., assignors to Ash Grove Lime & Portland Cement Co., Kansas City, Mo. Process and apparatus for manufacturing cement. 2,140,471; Dec. 13.
- Fröllich, Ernst. (See Holzapfel, Attalus, assignor.)
- Fröllich, Lill K., Louisville, Nebr. Plate warming table pad. 2,139,153; Dec. 6.
- Frolich, Per K., Roselle, N. J., assignor to Standard Oil Development Company. Thickened lubricating oil. 2,109,772; Mar. 1.
- Frolich, Per K., Roselle, N. J., assignor to Standard Oil Development Company. Obtaining valuable products from petroleum residues. 2,115,846; May 3.
- Fromm, Harry E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Boat propelling apparatus. 2,130,125; Sept. 13.
- Fromm, Herbert, Hamburg, Wis. Homogenizer. 2,140,076; Dec. 13.
- Fromm, Otto W., Frankfort-on-the-Main, Germany, assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,108,850; Feb. 22.
- Fromm, Otto W., Frankfort-on-the-Main, Germany, assignor to United Shoe Machinery Corporation, Paterson, N. J. Smoothing roll. 2,138,094; Nov. 29.
- Fromwiller, Edward, Brooklyn, N. Y. Coffee maker. 2,123,331; July 12.
- Fronefield, Louis H., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Perforated record sorting machine. 2,120,355; June 14.
- Fronney Electrocut Co. (See Fronney, Maynard A., assignor.)
- Fronney, Maynard A., assignor to Fronney Electrocut Co., Racine, Wis. Machine for preparing food products. 2,114,020; Apr. 12.
- Fronmuller, Douglas, Middle Village, and F. M. Boyles, Brooklyn, assignors to Coffee Products Corporation, New York, N. Y. Carbonated coffee beverages. 2,118,184; May 24.
- Frontalini, Alfredo, Numana, Italy. Resounding board for accordions. 2,122,094; June 28.
- Frost, Charles A., Brooklyn, N. Y., assignor to Du-All Check Book Company, Inc. Check-cash book. 2,136,186; Nov. 8.
- Frost, Clayton H. (See Lozier, M., and Frost.)
- Frost, Parmenas F., Mount Vernon, N. Y., and J. C. Anderson, Keyport, N. J. Wire coiling and interweaving mechanism. 2,106,454; Jan. 25.
- Frost, Paul. (See Goldhammer, L., and Frost.)
- Frost Veneer and Plywood Company. (See Thomas, Francis C. O., assignor.)
- Frostad, George O. (See Hanson, R. E., and Frostad.)
- Frötschner, Hellmuth, Berlin-Steglitz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Analyzer. 2,125,908; Aug. 9.
- Fruehauf Trailer Company. (See Reid, Frederick M., assignor.)
- Frühauf, Gerhard. (See Willheim, R., and Frühauf.)
- Fruit & Produce Packing, Inc. (See Mohler, Ernest E., assignor.)
- Frusher, Tom, Jr., Groton, Conn., assignors to Rodney Hunt Machine Company, Orange, Mass. Fulling canal. 2,107,476; Feb. 8.
- Frushour, Earle G., Beatrice, Nebr. Strainer lid for milk pails. 2,120,893; June 14.
- Fruth, Hal F. (See Imes, R. H., and Fruth.)
- Fruth, Hal F., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Resistance element. 2,134,870; Nov. 1.
- Fruth, Hal F., Riverside, Ill., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Resistance contactor. 2,135,809; Nov. 8.
- Fry, Harry R. (See Wicknick, W., and Fry.)
- Frye, Charles F., Chicago, Ill. Valve seat structure. 2,104,419; Jan. 4.
- Frye, Robert, Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Ammonolysis of halogeno-aromatic compounds to produce amines. 2,104,983; Jan. 11.
- Frye, Robert, Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Separation of nitrilines. 2,128,699; Aug. 30.
- Frye, Robert, and N. H. Vagenius, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Ammonolysis of nitro-phenols. 2,128,700; Aug. 30.
- Frye, Robert, and G. M. O'Neal, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Nitration of para cresol. 2,136,187; Nov. 8.
- Fryer, Roy C., Cincinnati, Ohio, assignor to The Orion Electric Company, Wilmington, Del. Electrical distribution system. 2,124,693; July 26.
- Frykdahl, Carl E. H., assignor to The Coolerator Company, Duluth, Minn. Ice refrigerator. 2,118,185; May 24.
- Frykdahl, Carl E. H., assignor to The Coolerator Company, Duluth, Minn. Ice refrigerator. 2,141,270; Dec. 27.
- Frykman, Victor L. (See Norton, L. D., and Frykman.)
- Frymoyer, Webster W., assignor to The Foxboro Company, Foxboro, Mass. Compensated measuring instrument. 2,107,632; Feb. 8.
- Fuchs, Arthur J., St. Louis, Mo. Heating and cooling system for trailer vehicles. 2,118,884; May 31.
- Fuchs, Charles A., Hollis, assignor, by mesne assignments, to Burnell Laboratory Company, Incorporated, Locust Valley, N. Y. Printing instrumentality for typewriting machines. 2,127,507; Aug. 23.
- Fuchs, Charles A., Hollis, assignor, by mesne assignments, to Burnell Laboratory Company, Incorporated, Locust Valley, N. Y. Typewriting machine. 2,127,508; Aug. 23.
- Fuchs, Charles A., Plainview, Hicksville, assignor, by mesne assignments, to Burnell Laboratory, Incorporated, Locust Valley, N. Y. Typewriting machine. 2,127,509; Aug. 23.



- Fuchs, Eugene A., Atlanta, Ga. Closure cap for containers. 2,140,077; Dec. 13.
- Fuchs, Franz.** (See Hertlein, Carl J., assignor.)
- Fuchs, Henry, assignor to W. H. Miner, Inc., Chicago, Ill. Quick take-up mechanism for hand brakes. 2,123,584; July 12.
- Fuchs, Henry, assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,141,353; Dec. 27.
- Fuchs, Henry O. (See Wise, A. G., Mapes, Chryst, and Fuchs.)
- Fuchs, John E. (See Tingle, R. J., Barcy, and Fuchs.)
- Fuchs, Julius, assignor of one-half to H. F. Hellman, Cleveland, Ohio. Electric switch. 2,106,837; Feb. 1.
- Fuchs, Karl, Nuremberg, Germany. Steerable and reversible toy vehicle. 2,104,365; Jan. 4.
- Fuchs, Leo, Berlin, Germany. Combination lock. 2,125,607; Aug. 2.
- Fuchsman, Jacob, Brooklyn, N. Y. Sash construction. 2,104,860; Jan. 11.
- Fuehrer, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Braking device. 2,121,563; June 21.
- Fuehrer, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Muffling device. 2,128,742; Aug. 30.
- Fuehrer, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,138,915; Dec. 6.
- Fuehrer, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Water connection. 2,139,226; Dec. 6.
- Fuehrer, George H., Phillipsburg, and G. W. Hulshizer, Stewartville, assignors to Ingersoll-Rand Company, Jersey City, N. J. Centralizer for drill steels. 2,108,035; Feb. 15.
- Fuehrer, Herbert R., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,115,516; Apr. 26.
- Fuel Development Corporation. (See Kimball, Leo B., assignor.)
- Fuel Treating Products Co. (See Martin, Peter R., assignor.)
- Fuglie, Elmer, and O. Oelkers, Mazeppa, Minn. Crankshaft grinder. 2,130,003; Sept. 13.
- Fuhrmann, Alvin O., Rock Island, Ill., assignor to National Battery Company, St. Paul, Minn. Mold for plastic materials and making the same. 2,129,268; Sept. 6.
- Fuhrmann, Warren, Kearney, and W. G. Sand, Keansburg, N. J. Amusement device. 2,121,223; June 21.
- Fujii, Kitaro, Otomura, Nakakouchi-gun, Prefecture Osaka, and S. Iwamoto, Osaka, Japan. Process for manufacturing metal coated thread. 2,109,839; Mar. 1.
- Fujii, Masakichi, Nippori Machi, Arakawa Ku, Tokyo, Japan. Operating mechanism of vehicular toys. 2,108,434; Feb. 15.
- Fujikura Electric Cable Works, Ltd. (See Yasuoka, Hitoshi, assignor.)
- Fujita, Zensai, Yotsuya-ku, Tokyo, Japan. Device for purifying the breathing air in a vapor bath for therapeutic use. 2,130,718; Sept. 20.
- Fulcher, Mary B. (See Fulcher, R. G., and Carle, assignors.)
- Fulcher, Roy G., and W. T. Carle, assignors to M. B. Fulcher, Chicago, Ill. Controlling the starting of internal combustion engines. 2,119,672; June 7.
- Fulda, Wilhelm, Lautawerk, E. Wiedbrauck, and K. Bueche, Essen, assignors to firm Th. Goldschmidt A.-G., Essen-Ruhr, Germany. Recovery of aluminum compounds from aluminiferous minerals. 2,123,650; July 12.
- Fulford, G. T., Company Limited. (See Baker, Richard O., assignor.)
- Fulk, George L., San Francisco, Calif., assignor to Carbon Interleaved Forms Corporation, Norwalk, Ohio. Machine for making manifold forms. 2,114,293; Apr. 19.
- Fulk, Muri E. (See Shattuck, O. M., and Fulk.)
- Fulke, Frank L., Terre Haute, Ind., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Making mining machine chain cutter bits. 2,137,215; Nov. 15.
- Fulkerson, Richard E., assignor to The Exner Dodge Packing Company, Coffeyville, Kans. Packing anchor. 2,126,047; Nov. 8.
- Fuller, Albert B., assignor to Eastman Kodak Company, Rochester, N. Y. Control device for a photographic apparatus. 2,119,846; June 7.
- Fuller, Calvin S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Enameling wire. 2,122,463; July 5.
- Fuller Company. (See Douglass, Alfred E., assignor.)
- Fuller Company. (See Eppers, Walter P., assignor.)
- Fuller Company. (See Lenhart, Herbert S., assignor.)
- Fuller Company. (See Redfield, Snowden B., assignor.)
- Fuller Company. (See Redfield, S. B., and Lenhart, assignors.)
- Fuller, Edgar L., assignor to Japer Engineering Corporation, Dallas, Tex. Producing moving pictures of the stereoscopic variety. 2,111,414; Mar. 15.
- Fuller, Everett W. (See Moran, R. C., Fuller, and Crum dall.)
- Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Mail sorter. 2,115,805; May 3.
- Fuller, Frederick L., and G. F. Daly, West Orange, N. J., assignors to International Business Machines Corp., New York, N. Y. Department store machine. 2,110,854; Mar. 15.
- Fuller, Frederick L., West Orange, N. J., and S. Brand, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Combined printing and sorting machine. 2,122,136; June 28.
- Fuller, Hannah. (See Dillon, James P., assignor.)
- Fuller, Hermoine. (See Fuller, William W., assignor.)
- Fuller, Roger A. (See Briggeman, H. F., and Fuller.)
- Fuller, Wallace W. J., Washington, D. C. Converting speech into visible indicia. 2,137,888; Nov. 22.
- Fuller, William W., assignor to H. Fuller, Norfolk, Va. Power steering apparatus for vehicles. 2,109,418; Feb. 22.
- Fuller, William W., assignor to H. Fuller, Norfolk, Va. Power steering apparatus. 2,132,023; Oct. 4.
- Fullman, James M. G. (See Corbett, A., and Fullman.)
- Fullman, James M. G., Sewickley, Pa., assignor, by mesne assignments, to National Electric Products Corporation. Connector for electrical conduits. Re. 20,873; Oct. 4.
- Fullman, James M. G., Sewickley, Pa., assignor to National Electric Products Corporation. Electrical cover attachment. 2,119,782; June 7.
- Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Cosmetic holder. 2,118,399; May 24.
- Fullvision Outdoor Advertising Corporation. (See Stevens, William, assignor.)
- Fulmer, Joseph H., Nazareth, Pa. Apparatus for dehydrating green forage crops. 2,135,636; Nov. 8.
- Fulps, Robert L., Waco, Tex. Seam opener and turner for pants. 2,108,372; Feb. 15.
- Fulton, James H. (See Schreyer, Charles G., assignor.)
- Fulton Company, The. (See Thorp, Joel R., assignor.)
- Fulton Company, The. (See Thorp, J. R., and Strand, assignors.)
- Fulton, Karl H., and J. L. Illig, Pittsburgh, Pa., assignors to Ball Chemical Company. Film deposition. 2,136,681; Nov. 15.
- Fulton, Loyd R., Ellensburg, Wash. Sash holder. 2,113,019; Apr. 5.
- Fulton, Melissa B., Chicago, Ill. Alarm. 2,108,851; Feb. 22.
- Fulton, Otho, New York, N. Y. Apparatus for use in facsimile transmitting systems. 2,127,331; Aug. 16.
- Fulton, Stephen M. (See Arnett, G. A., Black, and Fulton.)
- Fulton, Stephen M. (See Kimpton, W. H., and Fulton.)
- Fulton, Stephen M. (See Taylor, M. M., and Fulton.)
- Fulton, Stewart C. (See Cross, T., Jr., and Fulton.)
- Fulton, Stewart C. (See Steik, K. T., and Fulton.)
- Fulton, Stewart C., Elizabeth, N. J., assignor to Standard Oil Development Company. Naphtha reforming. 2,125,714; Aug. 2.
- Fulton, Stewart C., and H. G. Vesterdal, Elizabeth, N. J., assignors to Standard Oil Development Company. Preparing improved acid derivatives of hydrocarbon oils and products thereof. 2,111,911; Mar. 22.
- Fulton, Stewart C., Elizabeth, and J. M. Whiteley, Roselle, N. J., assignor to Standard Oil Development Company. Improved process for separating wax from hydrocarbon oils containing the same. 2,114,467; Apr. 19.
- Fulton, Stewart C., and H. G. Vesterdal, Elizabeth, N. J., assignors to Standard Oil Development Company. Treating oils with sulphuric acid and for preparing improved wetting agents and detergents. 2,115,807; May 3.
- Fulton, Stewart C., Elizabeth, N. J., and T. Cross, Jr., Baton Rouge, La., assignors to Standard Oil Development Company. Producing valuable polymers from olefine mixtures. 2,126,001; Aug. 9.
- Fulton, Stewart C., and T. Cross, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Production of liquid hydrocarbons from gaseous olefines. 2,129,732; Sept. 13.
- Fulton, Stewart C., and T. Cross, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Production of liquid hydrocarbons from gaseous olefines. 2,129,733; Sept. 13.
- Fulton, Sylphon Company, The. (See Calkins, Paul E., assignor.)
- Fulton Sylphon Company, The. (See Dole, John B., assignor.)
- Fulton Sylphon Company, The. (See Giesler, Jean V., assignor.)
- Fulton Sylphon Company, The. (See Giesler, J. V., and Dube, assignors.)
- Fulton, Weston M., assignor to W. J. Savoy Company, Inc., Knoxville, Tenn. Automatic stoker. 2,126,104; Aug. 9.
- Fulton, William H., West Orange, N. J. Means for spiking fuel. 2,137,510; Aug. 23.
- Funderburk, Otis C., Weston, Mass. Intake manifold system for internal combustion engines. 2,119,707; June 7.
- Funk, Alfred, Cincinnati, Ohio. Shifting device. 2,129,834; Sept. 13.
- Funk, Edwin Vienna Austria. Device for controlling a plurality of luminous tubes. 2,114,618; Apr. 19.
- Funk, Robert T., Pittsburgh, Pa. Advertising sign holder. 2,117,714; May 17.



- Funk, Isaac. (See Funk, Samuel W., P. S., and I.)
- Funk, Nelson E., assignor to American Coating Mills, Inc., Elkhart, Ind. Paper box and blank for producing the same. 2,130,488; Sept. 20.
- Funk, Nelson E., assignor to American Coating Mills, Inc., Elkhart, Ind. Paper box and blank for producing the same. 2,130,489; Sept. 20.
- Funk, Paul S. (See Funk, Samuel W., P. S., and I.)
- Funk, Robert V. (See Ennis, George H., assignor.)
- Funk, Rufus B., Washington, D. C. Air control device. 2,115,909; May 3.
- Funk, Rufus B., Washington, D. C. Air control device. 2,115,910; May 3.
- Funk, Samuel W., Charter Oak, P. S. Funk, Covina, and I. Funk, Charter Oak, Calif. Duplicating machine. 2,120,247; June 14.
- Funk, Truman B., assignor to "Yard-Man", Inc., Jackson, Mich. Lawn mower construction. 2,138,786; Nov. 29.
- Funsten, Stanard R. (See Smith, L. B., Funsten, and Field.)
- Funston, Frederick D. (See Rossman, E. F., and Funston.)
- Furibondo, Alfonso. (See Geraci, Vito, assignor.)
- Furlong, Francis A., assignor to Autogas Corporation, Chicago, Ill. Heating system. 2,115,988; May 3.
- Furlong, Joseph P., Jersey City, assignor to Amarel Corporation, Newark, N. J. Conversion of hydrocarbons. 2,129,269; Sept. 6.
- Furlong, Joseph P., Pawtucket, R. I., assignor to Amarel Corporation, Newark, N. J. Apparatus for converting hydrocarbons. 2,140,816; Dec. 13.
- Furlotti, Amato, Milan, Italy. Lubricating oil. 2,136,846; Nov. 15.
- Furman, Frank J. (See Mills, A. W., Rabenda, and Furman.)
- Furmingier, Henry S., Appleton, Wis. Paper making machine. 2,108,116; Feb. 15.
- Furnas Electric Company. (See Furnas, W. C., and Thompson.)
- Furnas, William C. (See Furnas, W. C., and Thompson, assignors.)
- Furnas, William C., West Allis, and S. R. Thompson, Milwaukee, Wis.; said Thompson assignor to said Furnas, doing business under the name and style of Furnas Electric Company. Switch assemblage. 2,108,883; Feb. 22.
- Furnas, William C., West Allis, and Sigurd R. Thompson, Milwaukee, Wis.; said Thompson assignor to said Furnas, doing business under the name and style of Furnas Electric Company. Switch assemblage. 2,137,481; Nov. 22.
- Furness, William H., assignor to American Rayon Company, Inc., Riverton, N. J. Treatment of cellulose and cotton materials. 2,111,531; Mar. 15.
- Furness, William H., East Riverton, N. J. Steering device for automobiles. 2,116,307; May 3.
- Furness, William H., assignor to American Rayon Company, Inc., Riverton, N. J. Apparatus for producing steel cables. 2,139,011; Dec. 6.
- Furrer, Emery C., Chicago, Ill. Container. 2,123,723; July 12.
- Furst, John S., Philadelphia, Pa. Finger sight for guns. 2,109,993; Mar. 1.
- Fusco, John M., Altoona, Pa. Game apparatus. 2,134,461; Oct. 25.
- Fuselier, Julius D., Port Arthur, Tex. Tongue depressor dispenser. 2,119,912; June 7.
- Fusetti, Jack, and J. Tamea, West Hazelton, Pa. Fifth wheel brake. 2,130,004; Sept. 13.
- Fuwa, Kitsuzo, Tokyo, and S. Ito, Yokohama, Japan, assignors to General Electric Company. Improved dielectric material and making the same. 2,137,135; Nov. 15.
- Fuykers, Theodor, Dusseldorf, Germany. Drying device for traveling webs. 2,124,669; July 26.
- Fye, William A., assignor to McLanahan & Stone Corporation, Hollidaysburg, Pa. Washer. 2,117,553; May 17.
- Fye, William A., assignor to McLanahan & Stone Corporation, Hollidaysburg, Pa. Vibrating screen. 2,119,273; May 31.
- Fyfe, George T., Toronto, Ontario, and J. G. Catterall, Lansing, Ontario, Canada, assignors to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,110,855; Mar. 15.
- Fyler, George W., Stratford, Conn., assignor to General Electric Company. High frequency receiver. 2,104,616; Jan. 4.
- Fyler, George W., Schenectady, N. Y., assignor to General Electric Company. Antenna system for motor vehicles. 2,110,016; Mar. 1.
- Fyler, George W., Schenectady, N. Y., assignor to General Electric Company. Amplifier neutralizing system. 2,117,949; May 17.
- Fyler, George W., Stratford, Conn., assignor to General Electric Company. Antenna system for motor vehicles. 2,133,855; Oct. 18.
- Fyler, George W., Schenectady, N. Y., assignor to General Electric Company. Receiving system. 2,138,655; Nov. 29.
- G. & A. Laboratories. (See Hasselstrom, Torsten, assignor.)
- G. B. M. Electric Company. (See Moore, G. S., and Streckfuss, assignors.)
- G G G Metal Stamping Company. (See Aubitz, Edward C., assignor.)
- G. M. Co. Manufacturing Co. (See Borroughs, Frank S., assignor.)
- G-M Laboratories, Inc. (See McMaster, Archie J., assignor.)
- G-M Laboratories, Inc. (See McMaster, A. J., and Christy, assignors.)
- G-M Laboratories, Inc. (See McMaster, A. J., and Van Guilder, assignors.)
- G-M Laboratories, Inc. (See Sommermeyer, Karl H., assignor.)
- G. M. S. Corporation. (See Sloan, Theodore H., assignor.)
- Gaal, Andreas. (See Lorenz, A., and Gaal.)
- Gaarder, Herbert M., Chicago, Ill., assignor to Wilson & Co. Interiorly supported filter pad. 2,124,370; July 19.
- Gaarder, Herbert M., Chicago, Ill., assignor to Wilson & Company. Filter pad. 2,138,736; Nov. 29.
- Gaba, Achille E., Paris, France. Adjustable pitch propeller. 2,133,487; Nov. 29.
- Gabb, Archibald H., Bristol, assignor to The Tan-Sad Chair Company (1931) Limited, Birmingham, England. Back rest or support of chairs, seats, and the like. 2,114,920; Apr. 19.
- Gabb, Archibald H., Bristol, assignor to the Tan-Sad Chair Company (1931) Limited, Birmingham, England. Chair, seat, and the like. 2,137,335; Nov. 22.
- Gabbott, Edgar P., Chorlton-cum-Hardy, Manchester, and R. P. Peters, Bollington, Altrincham, England. Manufacture of cartons, barrels, and the like. 2,129,573; Sept. 6.
- Gabeler, William H., A. C. Wilson, T. O. Tongue, and M. Shoeld, Baltimore, Md., assignors, by mesne assignments, to The Davison Chemical Corporation. Treatment of superphosphate. 2,136,793; Nov. 15.
- Gabert, Paul H. (See Kirby, Alfert F., assignor.)
- Gabor, Dénes, Rugby, England. Cathode ray device. 2,122,095; June 28.
- Gabor, Dénes, Rugby, England. Electric discharge device. 2,136,292; Nov. 8.
- Gabriel, Joseph A., Rocky River, Ohio. Thermooperative valve. 2,132,262; Oct. 4.
- Gabrielsen, Carl S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Exhausting apparatus. 2,110,991; Mar. 15.
- Gabrielson, Carl, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,123,938; July 19.
- Gabrielson, William A., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,127,812; Aug. 23.
- Gachet, Ernest J., and H. E. Humphries, assignors to Siemens Brothers & Company Limited, London, England. Electric switching device. 2,124,694; July 26.
- Gadd, Edward, et al. (See Hazey, George W., assignor.)
- Gade, Harold F., Philadelphia, Pa., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Setscrew. 2,135,637; Nov. 8.
- Gadeau, Robert A., Saint Jean de Maurienne, assignor to Compagnie de Produits Chimiques et Electrometallurgiques, Alais, Froges et Camargue, Paris, France. Electrolytic preparation of alkaline-earth alloys. 2,111,470; Mar. 15.
- Gaebel, Alfred, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electron tube. 2,137,609; Nov. 22.
- Gaede, John E., Newton, Kans. Wrench. 2,134,081; Oct. 25.
- Gaede, John E., assignor to W. S. Goertzen, Newton, Kans. Bob for a fishing line. 2,110,596; Mar. 8.
- Gaenssle, Paul W. (See Eksergian, C. L., and Gaenssle.)
- Gaenzle, Luther E., assignor to Armstrong Cork Company, Lancaster, Pa. Insulated structure. 2,127,111; Aug. 16.
- Gaess, Albert H., Waterbury, Conn. Method and apparatus for forming metal articles. 2,112,284; Mar. 29.
- Gaess, Albert H., Waterbury, Conn. Apparatus for forming metal slugs. 2,138,488; Nov. 29.
- Gaess, Helmut H., assignor to T. E. Gaess, Palisade, N. J. Cigarette case. 2,138,916; Dec. 6.
- Gaess, Theodore E. (See Gaess, Helmut H., assignor.)
- Gaetke, George O., San Francisco, Calif. Form clamp. 2,126,251; Aug. 9.
- Gaffney, Clifford, Springfield, Ill. Treating surfaces. 2,139,306; Dec. 6.
- Gage, Alexander D. (See Collin, Francis E., assignor.)
- Gage, Everett C. (See Lincoln, John S., assignor.)
- Gage, Robert B., West Trenton, N. J. Post. 2,128,294; Aug. 30.
- Gagg, Rudolph F. (See Chilton, R., and Gagg.)
- Gagle, Merlin S., Middlesboro, Ky. Electric socket plug. 2,128,813; Aug. 30.
- Gagnaire, Jean F. (See Wernert, G. R., and Gagnaire.)
- Gagné, Augustin. (See Lawson, R. H., and Gagné.)
- Gagné, Augustin. (See Lawson, R. H., Smith, and Gagné.)
- Gagné, Augustin, assignor to Hemphill Company, Central Falls, R. I. Latch opener. 2,123,551; July 12.
- Gagne, Gideon R., assignor to Snap-On Tools, Inc., Kenosha, Wis. Tube flaring device. 2,132,947; Oct. 11.



- Gagné, Gideon R., Kenosha, Wis., and L. Spraker, Indianapolis, Ind., assignors to Snap-On Tools, Inc., Kenosha, Wis. Valve refacing device. 2,136,188; Nov. 8.
- Gagnier, George E., et al. (See Lavigne, Joseph P., assignor.)
- Gagnier, George E. (See Place, Bion C., assignor.)
- Gagnier, Martin F., Detroit, Mich. Window construction. 2,126,381; Aug. 9.
- Gagnon, Rodolphe A. (See Butler, K. H., Gagnon, and Prince.)
- Gahl, Rudolf, Berkeley, Calif. Metallurgical reduction process. 2,125,909; Aug. 9.
- Gahl, William E. (See Tintera, G. E., and Gahl.)
- Gaidies, Georg. (See Ewest, H., and Gaidies.)
- Gaidies, Georg, Berlin-Pankow, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,135,707; Nov. 8.
- Gail, Cyril J., Santa Monica, Calif. Dental cabinet. 2,119,047; May 31.
- Gailor, Chester F. (See Moore, Milburn, assignor.)
- Gaines, Eugene F., Merion, assignor to H. B. Taylor and C. W. Larner, Philadelphia, Pa. Hose and supporter. 2,135,434; Nov. 1.
- Gaines, Floyd W., and W. H. Williams, Portland, Oreg. Retrievable sinker. 2,109,693; Mar. 1.
- Gaines, Frederick W., 3rd. (See Criley, W. W., and Gaines.)
- Gaines, Oliver I., and W. A. Fertig, Edgewood, Md. Universal facepiece for gas masks. 2,131,730; Oct. 4.
- Gains, Chester R., La Porte, Ind., assignor to American Timer Corporation. Selected time reminder. 2,122,057; June 28.
- Gair, Robert, Company. (See Hughes, Hector P., assignor.)
- Gair, Robert, Company. (See Weiss, Arthur J., assignor.)
- Gaisman, Lucien, Woodley, Manchester, England. Rubber products. 2,124,774; July 26.
- Gaisser, Friedrich. (See Schneider, A., and Gaisser.)
- Gakle, Wendolyn F., assignor to Kuhlman Electric Company, Bay City, Mich. Welding transformer. 2,128,086; Aug. 23.
- Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Automobile body construction. 2,104,457; Jan. 4.
- Galamb, Joseph, and C. F. Kramer, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Automobile seat construction. 2,132,729; Oct. 11.
- Galante, Antonio, Medford, Mass. Mixer can. 2,123,600; July 12.
- Galbraith, Alexander, Dalmuir, Scotland. Safety razor. 2,114,679; Apr. 19.
- Galbraith, Arch. H., Pittsburgh, Pa. Underground tank system. 2,129,924; Sept. 13.
- Galbraith, Arnour, C., Suffern, N. Y. Lifeboat construction. 2,110,017; Mar. 1.
- Gale, Leslie A. (See Lakeman, A. H., and Gale.)
- Gale, Percy T., and W. A. Sexton, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Compounds of the triarylmethane series and preparing them. 2,110,973; Mar. 15.
- Gale, Robert E., Sawyerwood, Ohio. Door latch operating mechanism. 2,117,160; May 10.
- Gale, William A. (See Burke, W. E., Allen, Peet, Ritchie, and Gale.)
- Galey, Henry J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for bending glass sheets. 2,111,392; Mar. 15.
- Galgoczy, Mikaly, Cleveland, Ohio. Roller skate attachment. 2,140,224; Dec. 13.
- Galigher, Company, The. (See Booth, Lionel E., assignor.)
- Gallion Iron Works & Mfg. Co., The. (See Arndt, Franklin E., assignor.)
- Gallion Metallic Vault Company, The. (See Biszantz, Fred, assignor.)
- Gallion Metallic Vault Company, The. (See Smith, Ralph E., assignor.)
- Galkin, Joseph, New York, N. Y. Sewing machine belt drive. 2,121,080; June 21.
- Gallagher, Charles F., Lansing, Mich. Treating meat. 2,126,187; Aug. 9.
- Gallagher, Daniel P., Hoboken, N. J. Incandescent lamp. 2,104,556; Jan. 4.
- Gallagher, James A., Brooklyn, N. Y. Reverse and variable pitch propeller. 2,138,574; Nov. 29.
- Gallagher, John W., Seneca Falls, N. Y. Self-priming centrifugal pump. 2,123,651; July 12.
- Gallagher, Patrick J. F., Marlborough, N. Y. Headlight. 2,139,186; Dec. 6.
- Gallant, Hubert J., Exeter, N. H., and E. A. Gauthier, Amesbury, Mass. Trimming mechanism for sewing machines. 2,130,340; Sept. 20.
- Gallardo, Jose, Santa Tecla, El Salvador. Tire. 2,109,383; Feb. 22.
- Gallaseh, George B., and H. F. Kurtz, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,117,161; May 10.
- Galler, Morris S., assignor to Roeder Geller Inc., New York, N. Y. Moth prevention. 2,141,075; Mar. 15.
- Gallett, Paul, Chicago, Ill. Brace. 2,139,187; Dec. 6.
- Galley, William B., Eagle Rock, Calif. Window shade. 2,129,950; Dec. 13.
- Galli, Leon C., Dunedin, New Zealand. Safety device for use by drivers of motor cars and the like. 2,126,878; Aug. 16.
- Galligan, James J. (See Robinson, W. J., and Galligan.)
- Gallimore, Keith F., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Speed-change mechanism. 2,106,731; Feb. 1.
- Gallivan, John E., Champaign, assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Valve seat grinding tool. 2,133,612; Oct. 18.
- Gallo, John W., Revere, Mass. Container. 2,125,629; Aug. 2.
- Gallo, John W., Revere, Mass. Abrading instrument. 2,137,610; Nov. 22.
- Galloway, Clarence T., assignor to Gleason Works, Rochester, N. Y. Gear grinding machine. 2,133,386; Oct. 18.
- Galloway, Clarence T., assignor to Gleason Works, Rochester, N. Y. Gear cutting machine. 2,139,154; Dec. 6.
- Galloway, Robert E., Memphis, Tenn. Ignition switch cut-off. 2,110,125; Mar. 8.
- Gallsworthy, Benjamin, Glenham, assignor to The Texas Company, New York, N. Y. Radiator cleaning composition. 2,120,128; June 7.
- Gallsworthy, Benjamin, Glenham, N. Y., and J. R. Scanlin, Fillmore, Calif., assignors to The Texas Company, New York, N. Y. Grease. 2,114,836; Apr. 19.
- Gallucci, Antonio. (See Arato, V., and Gallucci.)
- Gallup, David L., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,118,188; May 24.
- Gallup, George B., Bradenton, Fla. Fireplace heater. 2,132,563; Oct. 11.
- Gallupe, Charles A., Mars Hill, Maine. Spraying attachment for tractors. 2,109,384; Feb. 22.
- Gallusser, Hans, Geneva, Switzerland. Electrically actuated device for increasing the braking action. 2,109,419; Feb. 22.
- Galpin, Fred G., Williamsfield, Ill. Mulcher lifter. 2,131,872; Oct. 4.
- Galson, Henry L. (See Steinfeld, H. K., Galson, and Locke.)
- Galson, Henry L., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,130,327; Sept. 13.
- Galt, Peter, Azusa, Calif. Support. 2,113,882; Apr. 12.
- Galvaio, Joseph A. C., Brooklyn, N. Y. Socket. 2,118,503; May 24.
- Galvin, Herbert D., Ewell, assignor to L. C. Engineering Supplies Limited, London, England. Cooking, heating, or like apparatus for treating tins of food or other articles. 2,104,514; Jan. 4.
- Galvin Manufacturing Corporation. (See Mitchell, Donald H., assignor.)
- Galvin Manufacturing Corporation. (See Wood, Raymond E., assignor.)
- Galwey, Geoffrey, Fort Meade, S. Dak. Resilient fender and bumper for vehicles. 2,133,982; Oct. 25.
- Galyon, John W., Springfield, Ill., assignor to International Business Machines Corporation, New York, N. Y. Statistical card machine. 2,110,858; Mar. 15.
- Galyon, John W., Springfield, Ill., assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,138,630; Nov. 29.
- Gamble, David E., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,129,372; Sept. 6.
- Gamble, David L., and L. D. Grady, Jr., Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Paint and producing the same. 2,135,936; Nov. 8.
- Gamble, Felton O., Westmont, N. J. Method and apparatus for taking X-ray photographs. 2,141,857; Dec. 27.
- Gamble Stores Incorporated. (See Johnson, Lyle W., assignor.)
- Gamble, Theolian, Des Moines, Iowa. Pitcher top for jars and similar containers. 2,120,699; June 14.
- Gambrell, Ernest C., Wichita Falls, Tex. Fuel injection pump. 2,138,849; Dec. 6.
- Gamel, Gayne D. (See Dyer, L. W., and Gamel.)
- Gamel, Gayne D., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing device for circuit breakers. 2,125,157; July 26.
- Gamerding, Friedrich, Zuffenhausen, and O. Weber, Stuttgart, Germany. Apparatus for caps for shoes. 2,130,422; Sept. 20.
- Gamewell Company, The. (See Bridges, Frank R., assignor.)
- Gamewell Company, The. (See McCarthy, Edward J., assignor.)
- Gamewell Company, The. (See Weld, Foster E., assignor.)
- Gammache, Frank J., Lancaster, Pa. Grinder. 2,126,879; Aug. 16.
- Gammeter, John R. (See Van Hyning, Rollyn, assignor.)
- Gammeter, John R., Akron, Ohio. Dipped rubber article and making the same. 2,139,545; Dec. 6.
- Gammeter, John R., Akron, Ohio, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber thread. 2,107,032; Feb. 1.
- Gammon, Benjamin W., St. Albans, N. Y. Folding chair. 2,136,543; Nov. 16.
- Gams, Alphonse, G. Widmer, and R. Frey, Basel, Switzerland, assignors, by mesne assignments, to the firm of Ciba Products Corporation, Davenport, Del. Molded in fusible synthetic resins and making same. 2,146,049; May 3.



- Gamzon, Robert. (See Roux, B., Gamzon, and Sollima.)
- Gandriaud, Lucien, Lyon, France. Tool for cutting up into slices products having soft and hard parts. 2,127,861; Aug. 23.
- Gandrud, Ebenhard S., Pipestone, Minn. Collapsible blackboard and easel. 2,109,723; Mar. 1.
- Gandrud, Ebenhard S., Pipestone, Minn. Land measuring instrument. 2,121,867; June 28.
- Ganger, Jesse R., assignor to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,139,743; Dec. 13.
- Gangloff, Wilmer C., and R. H. Hieronymus, assignors to The Drackett Company, Cincinnati, Ohio. Silver tarnish inhibitor. 2,117,657; May 17.
- Ganio, Otto, New York, N. Y. Pressing machine. 2,122,316; June 28.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,124,552; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,553; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,554; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,555; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,556; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,557; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,558; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,559; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,560; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,561; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,562; July 26.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,124,563; July 26.
- Gannestad, Thor, Pittsburgh, Pa. Automatic cone valve. 2,123,039; July 5.
- Gannett, Chauncey W., assignor to Wellington Machine Company, Wellington, Ohio. Wheel. 2,110,126; Mar. 8.
- Gannett, Danforth K., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Vacuum tube circuits. 2,104,861; Jan. 11.
- Gannett, Danforth K., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing arrangement for electron discharge devices and operating same. 2,118,919; May 31.
- Gannett, Danforth K., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Level compensator for telegraph systems. 2,138,963; Dec. 6.
- Gannon, James, Far Rockaway, N. Y. Brush equipped receptacle. 2,124,058; July 19.
- Gano, Harlan S., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,139,265; Dec. 6.
- Gans, Joseph. (See Iasillo, Casper, assignor.)
- Gantner, William A., Wilkensburg, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,130,667; Sept. 20.
- Gantner, William A., Wilkensburg, and T. R. McGowan, Pittsburgh, assignors to The American Brake Company, Swissvale, Pa. Brake mechanism. 2,109,194; Feb. 22.
- Gants, Chester A. and D. A., Abilene, Kans. Cylinder head for internal combustion engines. 2,129,319; Sept. 6.
- Gants, Daniel A. (See Gants, Chester A. and D. A.)
- Gantvoort, Hilde. (See Gantvoort, John M., assignor.)
- Gantvoort, John M., Bronxville Manor, Westchester County, N. Y., assignor to H. Gantvoort. Baker's oven. 2,122,397; July 5.
- Gantvoort, John M., deceased, Bronxville, Manor, N. Y.; P. J. Miller, administrator. Baker's oven. 2,139,448; Dec. 6.
- Ganyaw, Leo J. (See Andrus, A. L., and Ganyaw.)
- Ganzert, Albert E., Chicago, Ill., assignor to E. C. Shaw. Treated lubricant. 2,131,138; Sept. 27.
- Ganzert, Albert E., Chicago, Ill., assignor to E. C. Shaw. Reclaimed lubricant. 2,131,139; Sept. 27.
- Gantzer, Howard E., Kenmore, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Capping chuck. 2,116,067; May 3.
- Gantzer, Howard E., Kenmore, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Capping apparatus. 2,116,068; May 3.
- Ganzhorn, George H. (See Gerke, R. H., Ganzhorn, Howland, and Smallwood.)
- Gar Wood Industries, Inc. (See Allin, George S., assignor.)
- Gar-Wood Industries, Inc. (See Barret, Edward R., assignor.)
- Gar-Wood Industries, Inc. (See Stout, William B., assignor.)
- Gar Wood Industries, Incorporated. (See Wood, Louis S., assignor.)
- Garami, Joseph, New York, N. Y. Convertible automobile body. 2,117,059; May 10.
- Garand, George, Rouses Point, N. Y. Locking pin for brake shoes. Re. 20,779; July 5.
- Garand, John C., Springfield, Mass., assignor to the Government of the United States of America, as represented by the Secretary of War. Cartridge clip. 2,121,792; June 28.
- Garbaccio, Leto J., North Bergen, N. J. Collapsible armchair. 2,104,255; Jan. 4.
- Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Cash register. 2,107,033; Feb. 1.
- Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Motor drive mechanism. 2,109,063; Feb. 22.
- Garbsch, Paul. (See Hopff, H., Garbsch, and Teller.)
- Garbsch, Paul. (See Krzikalla, H., and Garbsch.)
- Garbutt, Frank A. (See Hatherell, George A., assignor.)
- Garcia, Nestor, assignor to P. R. Pelayo, New York, N. Y. Lubricating device. 2,139,677; Dec. 13.
- Gard, Earle W., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. Re. 20,822; Aug. 9.
- Gard, Earle W., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Vapor phase cracking of oil. 2,122,881; July 5.
- Gardaile, Charles S., Long Island City, N. Y. Baseboard for plaster and the like. 2,136,431; Nov. 15.
- Gardella, Albert B., Cleveland, assignor of one-half to G. C. Guckes, Lakewood, Ohio. Cord take-up device for lamps and the like. 2,138,631; Nov. 29.
- Garden City Plating & Manufacturing Co. (See Swanson, Charles E., assignor.)
- Gardere, Henri, and A. P. Pages, Paris, France, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Signaling system. 2,108,117; Feb. 15.
- Gardiner, George W., Los Angeles, Calif. Closure control. 2,133,614; Oct. 18.
- Gardiner, Paul C., Scotia, N. Y., assignor to General Electric Company. Transmitter system. 2,116,390; May 3.
- Gardiner, William T., et al., trustees. (See Fisher, John F., assignor.)
- Gardiner, William T., et al., trustees. (See Peltz, Gordon M., assignor.)
- Gardiner, William Tudor, et al., trustees. (See Schweickart, William M., assignor.)
- Gardner, Archibald, Giffnock, near Glasgow, Scotland. Artificial fly. 2,114,342; Apr. 19.
- Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated. Cathode ray oscillator. 2,104,834; Jan. 11.
- Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Envelope shield and depositing metal areas. 2,107,784; Feb. 8.
- Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Mosaic and translucent surface. 2,123,412; July 12.
- Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Vacuum valve. 2,125,910; Aug. 9.
- Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Fine beam electron gun. 2,128,581; Aug. 30.
- Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Photoelectric surface. 2,128,582; Aug. 30.
- Gardner, Clarence V., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing element. 2,112,667; Mar. 29.
- Gardner, Clarence V., assignor to Hydraulic Brake Company, Detroit, Mich. Cylinder cup. 2,134,783; Nov. 1.
- Gardner Company. (See Britten, Edwin F., Jr., assignor.)
- Gardner Company. (See Crosman, Loring P., assignor.)
- Gardner Company. (See Fleming, Howard M., assignor.)
- Gardner Dairy Equipment Corporation. (See Gardner, John H., assignor.)
- Gardner Dairy Equipment Corporation. (See Gardner, J. H., and Plastridge, assignors.)
- Gardner, Daniel, Rueil-Malmaison, France, assignor to Studien und Verwertungs-Aktiengesellschaft, Neuhäusen, Switzerland. Production of magnesium or alloys thereof. 2,132,408; Oct. 11.
- Gardner Delamere B., Los Angeles, Calif. Solid weave scanning apparatus. 2,131,504; Sept. 27.
- Gardner-Denver Company. (See Pearson, Gustav C., assignor.)
- Gardner, Edson F., Covington Township, Lackawana County, Pa. Pumping apparatus. 2,126,880; Aug. 16.
- Gardner, Edward M., Cicero, Ill. Spring assembling mechanism. 2,111,363; Mar. 15.
- Gardner, Edward M., assignor to S. J. Gardner Foundry & Machine Co., Incorporated, New Albany, Ind. Drilling machine. 2,133,613; Oct. 18.
- Gardner, Emile, and R. P. Kneen, Fall River, Mass. Fuel igniting device. 2,110,217; Mar. 8.



- Gardner, Frank G., Maplewood, assignor to Breeze Corporations, Inc., Newark, N. J. Cable bonding means. 2,126,002; Aug. 9.
- Gardner, George F., Scotia, N. Y., assignor to General Electric Company. Light beam instrument. 2,107,936; Feb. 8.
- Gardner, Henry A., Washington, D. C., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Paint composition. 2,129,925; Sept. 13.
- Gardner, Henry A., Chevy Chase, Md., and A. Kirkpatrick, assignors to Monsanto Chemical Company, St. Louis, Mo. Cellulosic wrapping material. 2,121,028; June 21.
- Gardner, Howard S., Jr., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparation of cellulose esters having a high content of propionyl or butyryl. 2,113,301; Apr. 5.
- Gardner, John H., Belding, assignor to Gardner Dairy Equipment Corporation, Grand Rapids, Mich. Liquid homogenizing and the like method and apparatus. 2,106,026; Jan. 18.
- Gardner, John H., and L. C. Plastring, assignors to Gardner Dairy Equipment Corporation, La Porte, Ind. Liquid homogenizing apparatus. 2,127,291; Aug. 16.
- Gardner, Leland A., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Printing telegraph automatic exchange system. 2,132,684; Oct. 11.
- Gardner Machine Company. (See Hall, Donald R., assignor.)
- Gardner, Percy, East Orange, N. J., and F. Gerstein, and H. Gerstein, assignors to Lever Bias Machine Corporation, New York, N. Y. Bias cutting and wind-up apparatus. 2,110,856; Mar. 15.
- Gardner, Ralph D., assignor to Whitney Metal Tool Company, Rockford, Ill. Cut-off machine. 2,107,566; Feb. 8.
- Gardner-Richardson Company, The. (See Fisher, Harry C., assignor.)
- Gardner, S. J., Foundry & Machine Co. (See Gardner, Edward M., assignor.)
- Gardner, Thomas E. (See Parkinson, E. H., Gardner, and Vint.)
- Gardner Tool and Stamping Company. (See Anderson, Paul V., assignor.)
- Gardner Wire Co. (See Snyder, Fred E., assignor.)
- Gardthausen, John H., Long Island City, assignor to Drigard Products Corporation, New York, N. Y. Waterproofing composition and preparing the same. 2,115,017; Apr. 26.
- Garfinkle, David, Alameda, Calif. Display card holder. 2,122,910; July 5.
- Garfinkel, Emile, Newark, N. J. Luggage handle. 2,106,911; Feb. 1.
- Garfinkel, Louis, Providence, R. I. Article of jewelry. 2,113,786; Apr. 12.
- Garfield, Louis, New York, N. Y. Nipple for nursing bottles. 2,126,322; Aug. 9.
- Garfinkel, Max, J. Ruiz, and W. I. Duga, San Francisco, Calif., assignors to The Del-Mac Shoe Process Corporation, New York, N. Y. Shoemaking method and means therefor. 2,125,911; Aug. 9.
- Garforth, Bertram. (See Pymann, F. L., Garforth, and Anderson.)
- Gargen, Otto F., and C. J. Ernst, Milwaukee, Wis. Paint. 2,125,237; July 26.
- Garing, June E., Decatur, Ga. Face protector. 2,122,520; July 5.
- Garling, Karl E., Newark, N. J., assignor, by mesne assignments, to Berst-Forster Dixfield Co., New York, N. Y. Cut-off mechanism for straw making machines. 2,109,146; Feb. 22.
- Garlinger, Marshall T. J., San Jose, Calif. Machine for laying cables, pipes, and the like. 2,118,553; May 24.
- Garlinger, Marshall T. J., San Jose, Calif. Coupling and aligning device. 2,135,972; Nov. 8.
- Garlinger, Marshall T. J., San Jose, Calif. Cleaver. 2,135,973; Nov. 8.
- Garlinghouse, Leslie H., Jr., Los Angeles, Calif. Dumping vehicle. 2,121,224; June 21.
- Garlock Packing Company. (See McClain, Jesse B., assignor.)
- Garman, George W., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,118,644; May 24.
- Garman, Hugh F., Detroit, Mich., and H. H. Woodruff, Cleveland, Ohio, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,110,857; Mar. 15.
- Garner, Fred G., and G. A. Auer, assignors to Wagner Sign Service, Inc., Chicago, Ill. Display device. 2,119,430; May 31.
- Garner, James B., Mount Lebanon, Pa., assignor to Hope Natural Gas Company. Extracting nicotine from tobacco. 2,128,043; Aug. 23.
- Garnier, Désiré T. A., Hautvillers, France. Locking means for interthreaded elements. 2,138,850; Dec. 6.
- Garofalo, Ross J., assignor to Union Oil Company of California, Los Angeles, Calif. Producing asphalt emulsions. 2,137,975; Nov. 22.
- Garono, Louis E. (See Sherwood, T. K., and Garono.)
- Garrard, Charles G., Sheffield, England. Metal cutting and like machine tools. 2,130,341; Sept. 20.
- Garrard, Guy W., and E. J. Peery, Bakersfield, Calif. Knock down projection room. 2,141,528; Dec. 27.
- Garratt, Walter A., Covington, Ky. Adjusting mechanism for transmissions. 2,116,624; May 10.
- Garretson, Richard E. J., Gering, Nebr., assignor of one-half to E. S. Starrett, Hartville, Wyo. Rotary internal combustion engine. 2,132,153; Oct. 4.
- Garrett, Joseph E. (See Richter, E. F., and Garrett.)
- Garrett, Robert F. (See Butterfield, L. B., Garrett, and Park.)
- Garrett, Robert U., Enka, N. C. Apparatus for generating ozone. 2,125,672; Aug. 2.
- Garriott, Carl D., Eagle City, Okla. Cable and pipe clutch. 2,106,373; Jan. 25.
- Garrison, Alfred C. (See Garrison, Mett L. and A. C.)
- Garrison, Forrest C., Highland Park, Ill., assignor to The Oscar C. Rixson Company. Casement window operator. 2,119,048; May 31.
- Garrison, Harry E., assignor to H. B. Glover Company, Dubuque, Iowa. Garment. 2,136,380; Nov. 15.
- Garrott, John C., Houston, Tex. Fan unit. 2,117,310; May 17.
- Garrison, John J., Wellesley, and S. Shuko, Boston, Mass., said Shuko assignor to said Garrison. Insulating structure. 2,131,620; Sept. 27.
- Garrison, Lela T., Cape May Court House, N. J. Frame for spectacles. 2,123,104; July 5.
- Garrison, Mett L. and A. C., England, Ark. Automatic cultivator foot for tractors. 2,109,385; Feb. 22.
- Garside, John I., and C. G. Flygare, assignors to Norton Company, Worcester, Mass. Crankshaft grinding machine. 2,142,050; Dec. 27.
- Garsson, Henry M., Far Rockaway, N. Y. Treating steel. 2,131,505; Sept. 27.
- Garstang, William W., Indianapolis, Ind. Universal converter. 2,115,162; Apr. 26.
- Garstang, William W., Indianapolis, Ind. Remote control for direct current to alternating current circuits. 2,115,163; Apr. 26.
- Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Vibrator and operating circuit therefor. Re. 20,728; May 17.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Lubricating device. 2,105,492; Jan. 18.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Lubricating apparatus. 2,105,493; Jan. 18.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Rock drilling mechanism. 2,108,058; Feb. 15.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Pressure fluid motor. 2,110,331; Mar. 8.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Rock drill. 2,115,911; May 3.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Rock drill. 2,125,287; Aug. 2.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Rock drill. 2,128,934; Sept. 6.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Rock drill. 2,128,935; Sept. 6.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Rock drill. 2,130,982; Sept. 20.
- Gartner, Marcus A. (See Coleman, James O., assignor.)
- Garton Toy Company. (See Eck, Joseph B., assignor.)
- Garvey, Thomas. (See Zober, B., and Garvey.)
- Garwood, Victor W., London, England, assignor, by mesne assignments, to American Sales Book Company, Inc. Web feed control for autographic registers. 2,115,386; Apr. 26.
- Gary, Wright W., Great Neck, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Conversion of hydrocarbon oil. 2,135,332; Nov. 1.
- Gasche, Carl W. (See Olcott, L. E., Soper, Gasche, and Runals.)
- Gascoigne, George H., Queensmere, Wokingham, and J. R. Knox, Reading, England. Railing and the like. 2,117,798; May 17.
- Gascoyne, William J., Jr. (See Strong, Stanley.)
- Gaskill, Donald S., Lyndonville, N. Y. Feeding and winding device. 2,136,587; Nov. 15.
- Gase, Carl G., Parma, assignor to Weldon Tool Company, Cleveland, Ohio. Angle cutter. 2,113,178; Apr. 5.
- Gase, Carl G., Parma, assignor to Weldon Tool Company, Cleveland, Ohio. End mill. 2,129,177; Sept. 6.
- Gase, Carl G., Parma, assignor to Weldon Tool Company, Cleveland, Ohio. Milling tool. 2,129,418; Sept. 6.
- Gas Fuel Corporation. (See Russell, Robert H., assignor.)
- Gash, David G., Balachua, Victoria, Australia. Mann facturing footwear. 2,111,088; Apr. 19.
- Gaskell, Charles J., assignor to The Halloran Company, Memphis, Tenn. Rods. 2,127,599; June 28.
- Gaskell, Joseph, St. Helens, England, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Apparatus for removing lengths from a moving strip of glass. 2,114,393; Mar. 15.
- Gas Light & Coke Company, The. (See Voege, Ernest W., assignor.)
- Gasmond Sign Corporation. (See Piper, William R., assignor.)
- Gasner, Philip and S., assignors, by mesne assignment, to Hygienic Dust Bag Corporation, New York, N. Y. Vacuum cleaner attachment. 2,132,568; July 5.
- Gasner, Stigmund. (See Gasner, Philip and S.)



- Gasnier, Georges R., La Suze, France, assignor to Jacques Wolf & Company, Passaic, N. J. Preparing chamois leather. 2,136,433; Nov. 15.
- Gasolaire Corporation, The. (See Curioni, Aldo, assignor.)
- Gasoline Energy Distributors Limited. (See Fee, Thomas A., assignor.)
- Gasoline Products Company. (See Atwell, Harold V., assignor.)
- Gasoline Products Company. (See Gary, Wright W., assignor.)
- Gasoline Products Company. (See Keith, Percival C., Jr., assignor.)
- Gasoline Products Company. (See Keith, Percy C., Jr., assignor.)
- Gasoline Products Company. (See Lobo, Walter E., assignor.)
- Gasoline Products Company. (See Moore, William F., assignor.)
- Gasoline Products Company. (See Rubin, Louis C., assignor.)
- Gasoline Products Company. (See Saacke, Charles W., assignor.)
- Gasoline Products Company. (See Sullivan, Pike H., assignor.)
- Gaspar, Bela. (See Michaelis, Walter, assignor.)
- Gaspár, Béla, Brussels, Belgium. Producing colored photographic materials. 2,107,605; Feb. 8.
- Gaspar, Bela, Brussels, Belgium. Producing multicolor photographic pictures and material therefor. 2,119,323; May 31.
- Gaspar, Bela, Brussels, Belgium. Multicolor photographic material and using the same. 2,125,015; July 26.
- Gaspar, Bela, Brussels, Belgium. Producing combined colored and black and white pictures. 2,132,154; Oct. 4.
- Gaspar, Bela, Brussels, Belgium. Producing colored colloid layers for photographic purposes and material therefor. 2,137,336; Nov. 22.
- Gasparin, Chester C. (See Wildes, G. F., and Gasparin.)
- Gas Refrigeration Corporation. (See Otto, S., and Bruehl, assignors.)
- Gasser, Emil R. (See Kuhns, A., and Gasser.)
- Gasser, Fred H. (See Brown, John E., assignor.)
- Gasser, Otto, Berlin-Charlottenburg, Germany, assignor to Siemens Schuckertwerke Aktiengesellschaft. Eliminating gas pockets in liquid filled cables. 2,115,574; Apr. 26.
- Gassner, Sebastian. (See Kumet, K., and Gassner.)
- Gassner, Sebastian, and B. Bienert, Leverkusen I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acylated phthalocyanines. 2,116,196; May 3.
- Gassner, Sebastian, and B. Bienert, Leverkusen-I. G. Werk, Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Alkyloxy and aryloxy phthalocyanines. 2,122,137; June 28.
- Gassner, Sebastian, and B. Bienert, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Diphenyl derivative. 2,131,731; Oct. 4.
- Gassó, Thomas, and F. Durio, Habana, Cuba. Panoramic camera. 2,111,854; Mar. 22.
- Gassstrom, Herman M., Mount Vernon, N. Y. Lock. 2,131,506; Sept. 27.
- Gast, Ernest A., Cincinnati, Ohio. Lawn trimming device. 2,132,465; Oct. 11.
- Gaston, Audley D., Baytown, Tex. Valve. 2,133,983; Oct. 25.
- Gaston, Cecil D., and W. D. Moore, Birmingham, Ala. Portable sitz bath. 2,139,951; Dec. 13.
- Gaston, John R., East Orange, assignor to American Transformer Company, Newark, N. J. Inductive rectifier. 2,118,554; May 24.
- Gas Tool Patents Corporation. (See Charles, Carl L., assignor.)
- Gastreich, Josefa. (See Cordts, Karl, assignor.)
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Straightening knitting needles and the like. 2,107,253; Feb. 1.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Foot construction in full-fashioned hosiery. 2,119,575; June 7.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Loop length control mechanism. 2,140,472; Dec. 13.
- Gatch, Milton W., assignor to The Gatch Wire Goods Company, Baltimore, Md. Fly swatter blade. 2,131,534; Sept. 27.
- Gatch, Milton W., assignor to The Gatch Wire Goods Company, Baltimore, Md. Animal trap. 2,137,739; Nov. 22.
- Gatch Wire Goods Company, The. (See Gatch, Milton W., assignor.)
- Gaterman, William, Manitowoc, Wis. Attachment for mowing machines. 2,121,428; June 21.
- Gates, George W. (See Martel, Adolard F., assignor.)
- Gates, Harley N. (See Tasker, Robert A., assignor.)
- Gates, Henry S., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,106,833; Feb. 1.
- Gates, Henry S., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,117,879; May 17.
- Gates, Henry S., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,137,082; Nov. 15.
- Gates, Howard A. (See Cutting, F., and Gates.)
- Gates, John C., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Stencil card holder. 2,116,568; May 10.
- Gates, Lovell, Idaho Falls, Idaho. Pressure feeder for materials. 2,107,242; Feb. 1.
- Gates, Major E., Crystal Lake, Ill. Tunnel kiln. 2,138,851; Dec. 6.
- Gates, Paul G., Long Beach, Calif. Bailer. 2,139,075; Dec. 6.
- Gates, Paul G., Long Beach, Calif. Freeing and recovering pipe from wells. 2,139,076; Dec. 6.
- Gates Rubber Company, The. (See Flint, H. M., and Schermerhorn, assignors.)
- Gates Rubber Company, The. (See Turman, Gardner W., assignor.)
- Gathmann, Emil, et al. (See Stirn, Lewis O., assignor.)
- Gathmann, Emil, Baltimore, assignor to Gathmann Research Incorporated, Catonsville, Md. Apparatus for stripping ingots from molds. 2,117,311; May 17.
- Gathmann Research Incorporated. (See Gathmann, Emil, assignor.)
- Gate, Thomas L., Chicago, Ill. Self-lubricating bearing. 2,128,087; Aug. 23.
- Gatons, Charles F., and L. J. Hausser, assignors to The Moore Corporation, Joliet, Ill. Stove. 2,127,970; Aug. 23.
- Gattuso, Salvatore, Ozone Park, N. Y., assignor to Toyers of Summit, Inc., Summit, N. J. Apparatus for molding. 2,136,432; Nov. 15.
- Gaty, Lee S., Dallas, Tex. Hole driving machine. 2,122,686; July 5.
- Gatz, Edward M., and H. A. Weller, Chicago, Ill. Toy. 2,136,189; Nov. 8.
- Gatzke, Paul, Berlin-Pankow, Germany. Apparatus for firing ceramic material. 2,126,881; Aug. 16.
- Gaudenzi, Arthur, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electron discharge device control system. 2,106,524; Jan. 25.
- Gaudenzi, Arthur, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Rectifier seal. 2,111,142; Mar. 15.
- Gaudin, Antoine M., Butte, Mont. Flotation reagents and method of use. 2,125,337; Aug. 2.
- Gauger, Frank A., Milwaukee, Wis. Pilot burner construction. 2,124,915; July 26.
- Gauger, Frank A., Milwaukee, Wis., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Automatic oven lighter. 2,104,298; Jan. 4.
- Gauger, Frank A., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic valve and system of control therefor. 2,112,397; Mar. 29.
- Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,587; Jan. 4.
- Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,105,460; Jan. 11.
- Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Heating and cooling system. 2,107,199; Feb. 1.
- Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,134,552; Oct. 25.
- Gaughitz, Kurt G., et al. (See Baker, Lewis B., assignor.)
- Gauly, Edward, Cleveland, Ohio. Surgical instrument. 2,117,312; May 17.
- Gaun, Harry M., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Radio tube mount. 2,118,668; May 24.
- Gaus, George E., Washington, D. C., assignor to Secretary of Agriculture of the United States of America. Bale identification tag and affixing the same. 2,107,071; Feb. 1.
- Gauss, Hubert E., assignor to Electric & Musical Industries, Ltd., Middlesex, England. Electrical indicator or measuring instrument. 2,116,110; May 3.
- Gauss, Philip W., Port Arthur, assignor to The Texas Company, New York, N. Y. Collapsible pouring spout. 2,124,385; July 19.
- Gauthier, Ernest A. (See Gallant, H. J., and Gauthier.)
- Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Adhesive strip dispenser. 2,126,680; Aug. 9.
- Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Repeat design printing. 2,128,877; Aug. 30.
- Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Adhesive strip serving apparatus. 2,138,474; Nov. 29.
- Gautron, Louis G., Geneva, Switzerland. Device for eliminating noxious substances contained in tobacco smoke. 2,112,018; Mar. 22.
- Gauvin, Henri, Ottawa, Ontario, Canada. Building construction and building elements therefor. 2,116,020; May 3.
- Gauvin, Henri, Ottawa, Ontario, Canada. Building construction. 2,116,021; May 3.



- Gavin, Beauford E., Indianapolis, Ind., assignor to National Malleable and Steel Casting Company, Cleveland, Ohio. Furnace burner. 2,107,439; Feb. 8.
- Gavin, Frank J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container closure and facing material therefor. 2,138,419; Nov. 29.
- Gavin, Thomas H., New Orleans, La. Saw filing machine. 2,115,712; May 3.
- Gawehn, Herbert, Frohnau, Germany, assignor to General Electric Company. Rotary motion transmitting system. 2,140,380; Dec. 13.
- Gay, Arthur W., assignor to The Rapid Mold Company, Akron, Ohio. Vulcanizing mold and making same. 2,120,700; June 14.
- Gay, Azel, assignor to Multipost Company, Rochester, N. Y. Stamp affixing mechanism. 2,129,053; Sept. 6.
- Gay, Carl W. (See Smith, C. H., and Gay.)
- Gay, Elsa K., executrix. (See Gay, Rubert M.)
- Gay, Eugene A., Newport, R. I. Dispensing device. 2,125,288; Aug. 2.
- Gay, Frank W., et al. (See Nelson, Emil A., assignor.)
- Gay, Gilman M. (See Anderson, C., Baehr, Gay, and Manville.)
- Gay, Harry S., Mount Gay, W. Va. Bag filling machine. 2,130,005; Sept. 13.
- Gay, Norman H., Los Angeles, Calif. Air conditioning apparatus. 2,107,243; Feb. 1.
- Gay, Rubert M., deceased, Boonton Township, Morris County, N. J., E. K. Gay, executrix, assignor to Universal Road Machinery Company, Kingston, N. Y. Air separator. 2,109,477; Mar. 1.
- Gay, Rubert M., deceased, Boonton, N. J., by E. K. Gay, executrix, Brightwaters, assignor to Universal Road Machinery Company, Kingston, N. Y. Air separator. 2,109,478; Mar. 1.
- Gaylor, Peter J. (See Wiezevich, Peter J.)
- Gaylor, Peter J. (See Wiezevich, Peter J., assignor.)
- Gaylor, Peter J. (See Wiezevich, P. J., and Vesterdal.)
- Gaylor, Peter J. (See Young, P. L., and Wiezevich.)
- Gaylor Container Corporation. (See Williams, Benjamin M., assignor.)
- Gayne, Paul. (See Colvin, William, Jr., assignor.)
- Gaynor, Arthur C., Stratford, Conn., assignor, by mesne assignments, to J. J. Daly, New York, N. Y. Flow dispensing advertising display for bottles. 2,109,567; Mar. 1.
- Gaynor, Arthur C., Stratford, Conn. Electric switch. 2,134,633; Oct. 25.
- Gaynor, Arthur C., Stratford, Conn. Audible electric signal. 2,140,577; Dec. 20.
- Gaynor, Charles E., Pawtucket, assignor, by mesne assignments, to Dolan & Bullock, Providence, R. I. Tie holder construction. 2,138,575; Nov. 29.
- Gazette, Marshall E., assignor to Boothby Fibre Can Company, Boston, Mass. Container made of paper. 2,138,401; Nov. 29.
- Gazette, Marshall E., Boston, Mass. Printing apparatus. 2,140,834; Dec. 20.
- Gazey, William J., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Header and making the same. 2,105,241; Jan. 11.
- Gear Grinding Company Limited, The. (See Orcutt, A. H., and Bullocks, assignors.)
- Gearins, Alexander J. E., Wolverhampton, England. Pipe support. 2,129,320; Sept. 6.
- Geare, Randolph E. S., assignor to L. H. Gilmer Co., Philadelphia, Pa. Belt package. 2,107,695; Feb. 8.
- Gearhart, Roy E. (See Carnes, R. M., and Gearhart.)
- Gearhart, Roy E., and E. L. Renshaw, Chicago, Ill. Electrical motor. 2,109,111; Feb. 22.
- Gearson, Ralph J., assignor to Arvey Corporation, Chicago, Ill. Laminated construction and method. 2,116,828; May 10.
- Geary, Edmund J., Detroit, Mich. Price tag. 2,125,437; Aug. 2.
- Gebauer-Fuehnegg, Erich. (See Kratz, E. M., Moffett and Gebauer-Fuehnegg.)
- Gebauer-Fuehnegg, Erich, deceased; by M. Gebauer-Fuehnegg, Evanston, administratrix, and E. W. Moffett, assignors to Marbon Corporation, Chicago, Ill. Soluble halogen containing butadiene derivatives. 2,112,987; Apr. 5.
- Gebauer-Fuehnegg, Erich, deceased, by M. Gebauer-Fuehnegg, administratrix, Evanston, and E. W. Moffett, assignors to Marbon Corporation, Chicago, Ill. Coated fibrous sheet and web material and making same. 2,129,370; Sept. 6.
- Gebauer-Fuehnegg, Erich, deceased; by M. Gebauer-Fuehnegg, Evanston, Ill., administratrix, E. W. Moffett, Pittsburgh, Pa., and E. M. Kratz, Chicago, Ill., assignors to Marbon Corporation, Gary, Ind. Trans parent coated sheet material. 2,136,544; Nov. 15.
- Gebauer-Fuehnegg, Erich, Evanston, Ill., and E. W. Moffett, Gary, Ind., assignors, by mesne assignments, to Marbo Patents Inc. Coated fibrous sheet and web material and making same. 2,140,835; Dec. 20.
- Gebauer-Fuehnegg, Marie, administratrix. (See Gebauer-Fuehnegg, E., and Moffett.)
- Gebauer-Fuehnegg, Marie, administratrix. (See Gebauer-Fuehnegg, E., Moffett, and Kratz.)
- Gebauer, Rudolf. (See Raeth, C., and Gebauer.)
- Gebert, Albert E. (See Richardson, M. H., and Gebert.)
- Gebert, Albert E., Wilmette, and F. G. Black, assignors to Advance Machine Co., Chicago, Ill. Vending machine. 2,105,644; Jan. 18.
- Gebert, Sever C., assignor to Fairbanks, Morse & Co., Chicago, Ill. Conveyer feed screw. 2,138,576; Nov. 29.
- Gebhardt, Charles G. (See Gebhardt, Charles W., assignor.)
- Gebhardt, Charles W., Kent, Ohio, assignor to C. G. Gebhardt, San Francisco, Calif. Electric transmission. 2,138,231; Nov. 29.
- Gebhardt, Johannes. (See Ewald, H. K. F., and Gebhardt.)
- Gebhardt, Willard A., and E. J. Radtke, Milwaukee, Wis. Refrigerator unit. 2,132,985; Oct. 11.
- Gebhart, Wilmar O. (See Shipley, L. C., and Gebhart.)
- Gebr-Eickhoff, Maschinenfabrik und Eisengiesserei. (See Grube, Heinrich, assignor.)
- Gebrüder Bühler. (See Roth, Ernst, assignor.)
- Gebrüder Bühler. (See Thalman, Emil, assignor.)
- Gebrüder Heller. (See Glas, Maurus, assignor.)
- Gebis, Ernest C., New York, N. Y. Line stretcher. 2,127,862; Aug. 23.
- Geddes, John W., Watertown, assignor to H. K. Porter, Inc., Everett, Mass. Hand tool. 2,112,192; Mar. 22.
- Geddes, John W., Watertown, assignor to H. K. Porter, Inc., Everett, Mass. Parallel motion tool. 2,112,193; Mar. 22.
- Geddes, Norman B., New York, N. Y. Ship. 2,141,180; Dec. 27.
- Geddes, Norman B., New York, N. Y. Ship. 2,141,181; Dec. 27.
- Geddes, William E., assignor to General American Tank Car Corporation, Chicago, Ill. Closure-equipped structure. 2,112,668; Mar. 29.
- Geddon, Joseph J., Fort Lauderdale, Fla. Vehicle trailer. 2,132,409; Oct. 11.
- Gedge, Burton H., Jr., Shaker Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Coil tilting device. 2,135,890; Nov. 8.
- Gednetz, John R., assignor of one-half to S. R. Mercer, Los Angeles, Calif. Juice extractor. 2,130,755; Sept. 20.
- Gee, William P., Plainfield, N. J., assignor to The Texas Company, New York, N. Y. Separation of wax from mineral oil by filtration. 2,107,664; Feb. 8.
- Gee, William P., Plainfield, N. J., assignor to The Texas Company, New York, N. Y. Separation of wax from mineral oil by filtration. 2,134,331; Oct. 25.
- Geer, Charles D., and J. L. Biach, assignors to The Engineering and Research Corporation, New Haven, Conn. Highway traffic control system. 2,110,723; Mar. 8.
- Geer, Eula S., administratrix. (See Geer, Harry R.)
- Geer, Georgia L. S., et al. (See Schofield, George L.)
- Geer, Harry R., deceased, Westmont, by E. S. Geer, administratrix, Viewmont, Pa., assignor to Bethlehem Steel Company. Wire bending machine. 2,116,169; May 3.
- Geerpres Wringer, Inc. (See Welch, William H., assignor.)
- Geesaman, Alvin J., Cedar Rapids, Iowa. Bag holder. 2,116,784; May 10.
- Gegenheimer, Delbert A., Chicago, and J. J. Kirby, Oak Park, Ill. Center. 2,118,301; May 24.
- Gegenheimer, William, Brooklyn, assignor to Willard Manufacturing Corporation, New York, N. Y. Roller adjustment for presses. 2,111,662; Mar. 22.
- Gegenheimer, William, Brooklyn, assignor to Willard Manufacturing Corporation, New York, N. Y. Side guide for printing presses. 2,127,292; Aug. 16.
- Gegerfeldt, Erik L., Floby, Sweden. Self-angling apparatus for the catch of fish. 2,122,836; July 5.
- Gehrandt, Gustav R., Evanston, Ill. Internal combustion engine. 2,129,172; Sept. 6.
- Gehres, Marcel L., et al. (See Wheeler, Charles E., assignor.)
- Gehret, Charles A., East Norriton Township, Montgomery County, Pa. Exhibition bench. 2,121,658; June 21.
- Gehret, Edward F., Jersey Shore, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Producing cylinders for internal combustion engines. 2,125,106; July 26.
- Gehrke, Friedrich W., Munich, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Range finder. 2,123,465; July 12.
- Gehrke, Max. (See Schoeller, W., Serint, Gehrke, Priewe, Strassberger, and Logemann.)
- Gehrke, Max. (See Schwenk, E., Gehrke, and Hildebrandt.)
- Gehrig, Walter, Flint, Mich. Collar attachment. 2,123,601; July 12.
- Gehrig, Walter, Flint, Mich. Collar attachment. 2,123,602; July 12.
- Gelbig, Frank C., Westfield, N. J. assignor, by mesne assignments, to Union Carbide and Carbon Corporation, Blowpipe nozzle. 2,129,681; Sept. 13.
- Gelbig, Frank C., Westfield, and W. J. Jacobson, Elizabeth, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Flame machining and welding. 2,137,801; Nov. 22.
- Geler, Hermann. (See Jochim, K., and Geler.)
- Geler, P. A., Company, The. (See Martinet, Eugene E., assignor.)
- Geler, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. De modulation system in superheterodyne receiver. 2,124,191; July 19.



- Geiger, Walter J., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp and manufacture thereof. 2,115,575; Apr. 26.
- Geiger, Walter J., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp and manufacture thereof. 2,132,368; Oct. 4.
- Geiger, Walter J., and R. J. Ayres, Cleveland Heights, Ohio, assignors to General Electric Company. Lamp making apparatus. 2,132,369; Oct. 4.
- Geigy, J. R., A. G. (See Conzotti, Achille, assignor.)
- Geigy, J. R., A. G. (See Koch, Paul, assignor.)
- Geigy, J. R., A. G. (See Krebsler, Adolf, assignor.)
- Geigy, J. R., A. G. (See Müller, Paul, assignor.)
- Geigy, J. R., A. G. (See Schäfer, Josef, assignor.)
- Geigy, J. R., A. G. (See Treboux, Jules, assignor.)
- Geigy, J. R., S. A. (See Iselin, M., and Bindler, assignors.)
- Geigy, J. R., S. A. (See Krebsler, Adolf, assignor.)
- Geigy, J. R., S. A. (See Krebsler, A., and Vannotti, assignors.)
- Geigy, J. R., S. A. (See Martin, Henry, assignor.)
- Geigy, J. R., S. A. (See Martin, H., and Hirt, assignors.)
- Geigy, J. R., S. A. (See Senn, Emil, assignor.)
- Geise, Walter A., Flint, assignor to General Motors Corporation, Detroit, Mich. Fan. 2,120,780; June 14.
- Geisel, Carl R., Windsor, Conn., assignor to The Billings and Spencer Company. Wrench. 2,138,332; Nov. 29.
- Geiser, Daniel S., Waynesboro, Pa. Lock. 2,123,993; July 19.
- Geisert, Rex E. (See King, D. W., and Geisert.)
- Geisler, Hugo P., Jr., Newton, Mass. Colostomy appliance. 2,129,054; Sept. 6.
- Geissen, Carl, Berlin-Schöneberg, Germany, assignor of one-half to Rheinmetall-Borsig Aktiengesellschaft. Power plant suspension means. 2,135,394; Nov. 1.
- Geissen, Carl. (See Clar, F. K., and Geissen.)
- Geissen, Carl, et al. (See Clar, Friedrich K., assignor.)
- Geissler, George P., Washington, D. C. Hydraulic engine. 2,107,982; Feb. 8.
- Geissman, Theodore A. (See Kuentzel, W. E., Geissman, and Batchelder.)
- Geissmann, Gladys W., New York, N. Y. Glove construction. 2,125,673; Aug. 2.
- Geismar, John A. (See Flinker, Leon A., assignor.)
- Geist, William J., Maplewood, Mo. Closure for containers. 2,139,116; Dec. 6.
- Geld, Joseph, New York, N. Y. Operating-table illuminator. 2,114,664; Apr. 19.
- Gelder, Percy, Willowdale, Ontario, Canada. Reflecting safety device. 2,121,868; June 28.
- Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Gear drive for combined washer and centrifugal drier. 2,111,143; Mar. 15.
- Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,111,144; Mar. 15.
- Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Clothes washing machine. 2,121,523; June 21.
- Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Ironing machine. 2,134,915; Nov. 1.
- Gelfand, Simon, Los Angeles, Calif. Salad dressing and making the same. 2,111,766; Mar. 22.
- Gelhaar, Stefan J., Ljungaværk, assignor to Stockholms Superfosfat Fabriks Aktiebolag, Stockholm, Sweden. Manufacturing a product containing calcium nitrate and ammonium nitrate. 2,132,155; Oct. 4.
- Gelinas, Ralph H., South Hadley Falls, Mass. Loom temple. 2,118,504; May 24.
- Gelinski, Paul, Chicago, Ill. C-clamp type hand tool. 2,133,892; Oct. 18.
- Gelinsky, Ernst, Berlin, Germany. Method and apparatus for preserving sterile suture material for medicinal purposes ready for use. 2,128,701; Aug. 30.
- Gell, Philip V. W., Birmingham, England, assignor to The British Heat Resisting Glass Company, Limited. Manufacture of molded glassware. 2,115,765; May 3.
- Gellendien, Walter, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenberg, Germany. Condensation products of high molecular albuminous split products. 2,127,841; Aug. 23.
- Geller, Hugo, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Adjustable curtain. 2,123,413; July 12.
- Geller, Leon W., Astoria, assignor of two-thirds to N. J. Fonarow, New York, N. Y. Adhesive tape. 2,105,728; Jan. 18.
- Gellman, Abraham, New York, N. Y. Fagoting stitching machine. 2,114,075; Apr. 12.
- Gellman, Abraham, New York, N. Y. Clamp screw and nut for a tucking knife. 2,133,812; Oct. 18.
- Gellocide Corporation et al. (See Bickenheuser, Frank J., assignor.)
- Gelstharp, Frederick, Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glazing glass. 2,128,702; Aug. 30.
- Geluso, Lawrence J., Grand Rapids, Mich. Waterproof container. 2,134,441; Oct. 25.
- Gelwicks, E. L. (See Wolf, Robert I., assignor.)
- Gemberling, Cameron H., South Bend, Ind., assignor to Oliver Farm Equipment Company. Plow. 2,128,224; Aug. 30.
- Gemeinert, Horst. (See Korting, Walter, assignor.)
- Gemex Company. (See Prestinari, Eugen, assignor.)
- Gemignani, Hugo, Baltimore, Md. Coat construction. 2,133,193; Oct. 11.
- Gemmer, George A., Richmond, Ind. Motor vehicle construction. 2,107,606; Feb. 8.
- Gemmer, George A., Richmond, Ind. Gear shifting mechanism. 2,137,337; Nov. 22.
- Gemmer Manufacturing Company. (See Hammond, C. F., Jr., and Hokansson, assignors.)
- Gemmer Manufacturing Company. (See Hammond, C. F., Jr., and Pulleyblank, assignors.)
- Gemmer Manufacturing Company. (See Pulleyblank, Harper E., assignor.)
- Gemmer, Ralph W. (See Blau, L. W., and Gemmer.)
- Genco, Inc. (See Hansen, Leslie M., assignor.)
- Gemmill, William P., York, Pa. Combination divider and platform support. 2,105,645; Jan. 18.
- Gency, William, Hollis, N. Y., assignor to North and Judd Manufacturing Company, New Britain, Conn. Clip. 2,115,363; Apr. 26.
- Genebach, Lowell B., assignor to United Steel & Wire Company, Battle Creek, Mich. Making metal shelves for refrigerators, ovens, and the like. 2,109,724; Mar. 1.
- General Abrasive Company. (See Mulholland, David E., assignor.)
- General Abrasive Company. (See Mulholland, David E. and W. S., assignors.)
- General Abrasive Company. (See Sandorff, Alfred J., assignor.)
- General Alloys Company. (See McCormick, George C., assignor.)
- General American Precooling Corporation. (See Stebbins, Harry Y., assignor.)
- General American Tank Car Corporation. (See Geddes, William E., assignor.)
- General Aniline Works, Inc. (See Ballauf, F., and Bayer, assignors.)
- General Aniline Works, Inc. (See Baumann, Fritz, assignor.)
- General Aniline Works, Inc. (See Benade, Walther, assignor.)
- General Aniline Works, Inc. (See Berthold, Hermann, assignor.)
- General Aniline Works, Inc. (See Bienert, B., and Holzach, assignors.)
- General Aniline Works, Inc. (See Bienert, Berthold, assignor.)
- General Aniline Works, Inc. (See Brodersen, K., and Peters, assignors.)
- General Aniline Works, Inc. (See Brunner, Arnold, assignor.)
- General Aniline Works, Inc. (See Brunner, A., Greune, Thiele, and Thiess, assignors.)
- General Aniline Works, Inc. (See Delfs, Detlef, assignor.)
- General Aniline Works, Inc. (See Delfs, D., and Bayer, assignors.)
- General Aniline Works, Inc. (See Delfs, D. Kleiner, and Kollman, assignors.)
- General Aniline Works, Inc. (See Delfs, D., and Knoche, assignors.)
- General Aniline Works, Inc. (See Ebel, Friedrich, assignor.)
- General Aniline Works, Inc. (See Eckert, W., and Braunsdorf, assignors.)
- General Aniline Works, Inc. (See Eckert, W. and Fischer, assignors.)
- General Aniline Works, Inc. (See Eckert, W., and Schilling, assignors.)
- General Aniline Works, Inc. (See Fellmer, Ernst, assignor.)
- General Aniline Works, Inc. (See Fellmer, E., Mauthe, and Noerr, assignors.)
- General Aniline Works, Inc. (See Fischer, Ernst, assignor.)
- General Aniline Works, Inc. (See Fleischhauer, Richard assignor.)
- General Aniline Works, Inc. (See Gassner, S., and Bienert, assignors.)
- General Aniline Works, Inc. (See Grether, Robert, assignor.)
- General Aniline Works, Inc. (See Greune, H., Sturm, and Reuter, assignors.)
- General Aniline Works, Inc. (See Greune, H., and Thiele, assignors.)
- General Aniline Works, Inc. (See Greune, H., Thiele, and Langbein, assignors.)
- General Aniline Works, Inc. (See Hagge, W., and Haagen, assignors.)
- General Aniline Works, Inc. (See Helberger, J. H., and Ohlendorf, assignors.)
- General Aniline Works, Inc. (See Hess, F., Hager, and Pense, assignors.)
- General Aniline Works, Inc. (See Hilpert, Richard, assignor.)
- General Aniline Works, Inc. (See Hoffa, E., and Heyna, assignors.)
- General Aniline Works, Inc. (See Hoffmann, O., and Lange, assignors.)
- General Aniline Works, Inc. (See Holzach, K., and Muehlbauer, assignors.)
- General Aniline Works, Inc. (See Holzach, K., and Neumann, assignors.)
- General Aniline Works, Inc. (See Holzach, K., Winter, and v. Bock, assignors.)



General Aniline Works, Inc. (See Honold, Ernst, assignor.)  
**General Aniline Works, Inc.** (See Honold, E., and Taube, assignors.)  
 General Aniline Works, Inc. (See Hopff, H., and Ohlinger, assignors.)  
 General Aniline Works, Inc. (See Hopff, H., and Steinbrunn, assignors.)  
 General Aniline Works, Inc. (See Huber, E., and Vogt, assignors.)  
 General Aniline Works, Inc. (See Jochum, K., and Geier, assignors.)  
 General Aniline Works, Inc. (See Keller, F., and Koch, assignors.)  
 General Aniline Works, Inc. (See Kerth, Max, assignor.)  
 General Aniline Works, Inc. (See Kleiner, H., Bayer, and Kunze, assignors.)  
 General Aniline Works, Inc. (See Koeberle, Karl, assignor.)  
 General Aniline Works, Inc. (See Koeberle, K., and Mueller, assignors.)  
 General Aniline Works, Inc. (See Koeberle, K., Muenster, and Schnelder, assignors.)  
 General Aniline Works, Inc. (See Koeberle, K., and Ploetz, assignors.)  
 General Aniline Works, Inc. (See Koeberle, K., and Schlichting, assignors.)  
 General Aniline Works, Inc. (See Koeberle, K., and Steigerwald, assignors.)  
 General Aniline Works, Inc. (See Kollmann, T., and Glietenberg, assignors.)  
 General Aniline Works, Inc. (See Kracker, H., and Herrlein, assignors.)  
 General Aniline Works, Inc. (See Kränzlein, G., Diefenbach, and Eggert, assignors.)  
 General Aniline Works, Inc. (See Kränzlein G., Diefenbach, Fischer, Honold, Eggert, and Krauss, assignors.)  
 General Aniline Works, Inc. (See Kränzlein, G., Greune, and Langhein, assignors.)  
 General Aniline Works, Inc. (See Kränzlein, G., Greune, and Thiele, assignors.)  
 General Aniline Works, Inc. (See Kränzlein, G. Schlichenmaier, and Berlin, assignors.)  
 General Aniline Works, Inc. (See Kränzlein, G., Schlichenmaier, and Schörnig, assignors.)  
 General Aniline Works, Inc. (See Krzikalla, H., and Eistart, assignors.)  
 General Aniline Works, Inc. (See Krzikalla, H., Eistert, Mueller, and Thurm, assignors.)  
 General Aniline Works, Inc. (See Krzikalla, H., and Garbsch, assignors.)  
 General Aniline Works, Inc. (See Krzikalla, H., and Limbacher, assignors.)  
 General Aniline Works, Inc. (See Krzikalla, H., Ufer, Eistert and Klaproth, assignors.)  
 General Aniline Works, Inc. (See Kunz, M. A., and Koeberle, assignors.)  
 General Aniline Works, Inc. (See Lange, M., and Jacobs, assignors.)  
 General Aniline Works, Inc. (See Lange, Werner, assignor.)  
 General Aniline Works, Inc. (See Luce, Wilhelm, assignor.)  
 General Aniline Works, Inc. (See Mieg, Walter, assignor.)  
 General Aniline Works, Inc. (See Mieg, W., and Wieners, assignors.)  
 General Aniline Works, Inc. (See Müller, W., and Berres, assignors.)  
 General Aniline Works, Inc. (See Moll, F., and Lange, assignors.)  
 General Aniline Works, Inc. (See Morschel, H., and Goll, assignors.)  
 General Aniline Works, Inc. (See Morschel, H., Rimele, and Gund, assignors.)  
 General Aniline Works, Inc. (See Muenster, W., Bauer, Koeberle, and Berth, assignors.)  
 General Aniline Works, Inc. (See Müller, F., Schumacher, and Scherer, assignors.)  
 General Aniline Works, Inc. (See Müller, F., Scherer, and Schumacher, assignors.)  
 General Aniline Works, Inc. (See Münz, Ferdinand, assignor.)  
 General Aniline Works, Inc. (See Münz, F., Keller, and Tröskén, assignors.)  
 General Aniline Works, Inc. (See Münz, F., and Törsken, assignors.)  
 General Aniline Works, Inc. (See Neresheimer, H., Feld, and Vilameier, assignors.)  
 General Aniline Works, Inc. (See Neresheimer, H., and Ruppel, assignors.)  
 General Aniline Works, Inc. (See Neresheimer, H., Ruppel, and Eichholz, assignors.)  
 General Aniline Works, Inc. (See Neresheimer, H., Vilameier, and Heymann, assignors.)  
 General Aniline Works, Inc. (See Nicodemus, O., and Schmidt, assignors.)  
 General Aniline Works, Inc. (See Ohlendorf, H., Bannmann, and Holzach, assignors.)  
 General Aniline Works, Inc. (See Ortiner, L., and Heuck, assignors.)  
 General Aniline Works, Inc. (See Ott, K., and Storb, assignors.)

General Aniline Works, Inc. (See Paquin, M., and Braun, assignors.)  
 General Aniline Works, Inc. (See Petrus-Blumberger, José S., assignor.)  
 General Aniline Works, Inc. (See Raeck, M., and Keller, assignors.)  
 General Aniline Works, Inc. (See Rappe, W., Hoelscher, and Achneevoigt, assignors.)  
 General Aniline Works, Inc. (See Reddellen, G., and Matthaeus, assignors.)  
 General Aniline Works, Inc. (See Retter, W., Wahl, and Müller, assignors.)  
 General Aniline Works, Inc. (See Ritter, Heinrich, assignor.)  
 General Aniline Works, Inc. (See Roesch, G., Nawiasky, and Saffien, assignors.)  
 General Aniline Works, Inc. (See Roos, Hans, assignor.)  
 General Aniline Works, Inc. (See Rösch, G., Nawiasky, and Saffien, assignors.)  
 General Aniline Works, Inc. (See Scherer, O., Schumacher, and Müller, assignors.)  
 General Aniline Works, Inc. (See Scheyer, H., and Schwamberger, assignors.)  
 General Aniline Works, Inc. (See Schindhelm, Hans, assignor.)  
 General Aniline Works, Inc. (See Schindhelm, H., and Schultis, assignors.)  
 General Aniline Works, Inc. (See Schindhelm, H., Schultis, Schrader, and Taube, assignors.)  
 General Aniline Works, Inc. (See Schirm, Erik, assignor.)  
 General Aniline Works, Inc. (See Schlichting, Otto, assignor.)  
 General Aniline Works, Inc. (See Schmelzer, Albert, assignor.)  
 General Aniline Works, Inc. (See Schmidt, K., and Wahl, assignors.)  
 General Aniline Works, Inc. (See Schmidt, Karl, assignor.)  
 General Aniline Works, Inc. (See Schnitzspahn, Karl, assignor.)  
 General Aniline Works, Inc. (See Schnitzspahn, K., and Koch, assignors.)  
 General Aniline Works, Inc. (See Schoeller, C., Schwen, and Kraemer, assignors.)  
 General Aniline Works, Inc. (See Schubert, Friedrich, assignor.)  
 General Aniline Works, Inc. (See Schumacher, Willly, assignor.)  
 General Aniline Works, Inc. (See Schuster, C., and Krzikalla, assignors.)  
 General Aniline Works, Inc. (See Schweitzer, Hugo, assignor.)  
 General Aniline Works, Inc. (See Seidenfaden, W., and Thomae, assignors.)  
 General Aniline Works, Inc. (See Sieglitz, Adolf, assignor.)  
 General Aniline Works, Inc. (See Stein, Berthold, assignor.)  
 General Aniline Works, Inc. (See Stusser, R., and Muth, assignors.)  
 General Aniline Works, Inc. (See Thurm, Alfred, assignor.)  
 General Aniline Works, Inc. (See Tischbein, Willy, assignor.)  
 General Aniline Works, Inc. (See Virck, P., and Schulze, assignors.)  
 General Aniline Works, Inc. (See Vollmann, H., and Becker, assignors.)  
 General Aniline Works, Inc. (See Voss, A., Dickhauser, Starck, and Jochum, assignors.)  
 General Aniline Works, Inc. (See Wiegler, A., Ohlendorf, and Lange, assignors.)  
 General Aniline Works, Inc. (See Wolff, P., and Helm, assignors.)  
 General Aniline Works, Inc. (See Zahn, K., and Schlimmschmidt, assignors.)  
 General Aniline Works, Inc. (See Zervas, P., and von Lendenfeld, assignors.)  
 General Aniline Works, Inc. (See Zerweck, W., and Brunner, assignors.)  
 General Aniline Works, Inc. (See Zerweck, W., and Kunze, assignors.)  
 General Aniline Works, Inc. (See Zerweck, W., and Schütz, assignors.)  
 General Aniline Works, Inc. (See Zerweck, W., Stelger, and Ritter, assignors.)  
 General Aniline Works, Inc. (See Zitscher, A., and Kehlen, assignors.)  
 General Animated Signs Limited. (See Best, John G., assignor.)  
 General Atlas Carbon Company. (See Heller, G. L., and Wilgus, assignors.)  
 General Auto Parts Corporation. (See Rockwell, Edward A., assignor.)  
 General Cable Corporation. (See Atkinson, Ralph W., assignor.)  
 General Cable Corporation. (See MacKnight, Edgar W., assignor.)  
 General Cable Corporation. (See Potter, Frank M., assignor.)  
 General Chemical Company. (See Carter, Bernard M., assignor.)



- General Chemical Company. (See Ferguson, Robert B., assignor.)
- General Chemical Company. (See Henninger, Arthur H., assignor.)
- General Chemical Company. (See Hoddeson, S. I., and Meiklejohn, assignors.)
- General Chemical Company. (See Merriam, Henry F., assignor.)
- General Chemical Company. (See Merriam, H. F., and Cupit, assignors.)
- General Chemical Company. (See Mullen, Edwin J., assignor.)
- General Chemical Company. (See Silsby, Charles F., assignor.)
- General Coating Company, The. (See Ward, Julian P., assignor.)
- General Controls Company. (See Ray, William A., assignor.)
- General Controls Co. (See Ray, William R., assignor.)
- General Door Company. (See McCloud, Edward H., assignor.)
- General Electric Company. (See Abbott, Charles C., assignor.)
- General Electric Company. (See Adams, Joy C., assignor.)
- General Electric Company. (See Addink, N. W. H., de Boer, Alphen, and Zecher, assignors.)
- General Electric Company. (See Adkins, Bernard, assignor.)
- General Electric Company. (See Aicher, John O., assignor.)
- General Electric Company. (See Alexanderson, Ernst F. W., assignor.)
- General Electric Company. (See Allee, David A., assignor.)
- General Electric Company. (See Alterthum, H., and Pirani, assignors.)
- General Electric Company. (See Anderson, Arvid E., assignor.)
- General Electric Company. (See Anderson, Frederick H., assignor.)
- General Electric Company. (See Anderson, Robert G., assignor.)
- General Electric Company. (See Arend, Nelson A., assignor.)
- General Electric Company. (See Ashdown, K. T., and Cox, assignors.)
- General Electric Company. (See Asmussen, H., and Riess, assignors.)
- General Electric Company. (See Asmussen, H., and von Funcke, assignors.)
- General Electric Company. (See Atchison, Leonard W., assignor.)
- General Electric Company. (See Auger, Claude H., assignor.)
- General Electric Company. (See Augier, J., and Laurent, assignors.)
- General Electric Company. (See Bailey, Edward A., assignor.)
- General Electric Company. (See Bailey, Richard W., assignor.)
- General Electric Company. (See Bakke, Hans A., assignor.)
- General Electric Company. (See Balachowsky, Georges, assignor.)
- General Electric Company. (See Bancker, E. H., and Cramer, assignors.)
- General Electric Company. (See Bancker, Elbert H., assignor.)
- General Electric Company. (See Bany, Herman, assignor.)
- General Electric Company. (See Bany, H., and Gittings, assignors.)
- General Electric Company. (See Baranowsky, Raoul, assignor.)
- General Electric Company. (See Barwick, Emerson C., assignor.)
- General Electric Company. (See Baumann, Karl, assignor.)
- General Electric Company. (See Baumhauer, H., and Fehse, assignors.)
- General Electric Company. (See Bean, Robert F., assignor.)
- General Electric Company. (See Becker, Howard I., assignor.)
- General Electric Company. (See Bedford, Burnice D., assignor.)
- General Electric Company. (See Bedford, B. D., Willis, and Elder, assignors.)
- General Electric Company. (See Biermanns, Josef, assignor.)
- General Electric Company. (See Beggs, James E., assignor.)
- General Electric Company. (See Bell, Howard H., assignor.)
- General Electric Company. (See Bellm, Anton, assignor.)
- General Electric Company. (See Benbow, Burnie L., assignor.)
- General Electric Company. (See Benford, Frank A., assignor.)
- General Electric Company. (See Bennett, Frank S., assignor.)
- General Electric Company. (See Bergmans, Jan, assignor.)
- General Electric Company. (See Biermanns, J., and Mayr, assignors.)
- General Electric Company. (See Bigger, T. W., and Hargrove, assignors.)
- General Electric Company. (See Billings, Ralph E., assignor.)
- General Electric Company. (See Bixler, Harley H., assignor.)
- General Electric Company. (See Blodgett, Katharine B., assignor.)
- General Electric Company. (See Blume, Louis F., assignor.)
- General Electric Company. (See Bobek, Karl, assignor.)
- General Electric Company. (See Boehne, Eugene W., assignor.)
- General Electric Company. (See Boekels, Hans, assignor.)
- General Electric Company. (See Bol, C., and Lemmens, assignors.)
- General Electric Company. (See Bower, George W., assignor.)
- General Electric Company. (See Braband, Carl, assignor.)
- General Electric Company. (See Brunke, Fritz, assignor.)
- General Electric Company. (See Briggeman, H. F., and Fuller, assignors.)
- General Electric Company. (See Brown, C. A., and Hahn, assignors.)
- General Electric Company. (See Buchwald, H., and Marx, assignors.)
- General Electric Company. (See Buell, Roy C., assignor.)
- General Electric Company. (See Burmeister, Hermann, assignor.)
- General Electric Company. (See Burmeister, Hermann C., assignor.)
- General Electric Company. (See Burnham, Locke H., assignor.)
- General Electric Company. (See Bush, Ralph R., assignor.)
- General Electric Company. (See Butler, Henry E., assignor.)
- General Electric Company. (See Buxbaum, Bertold, assignor.)
- General Electric Company. (See Cameron, Donald G., assignor.)
- General Electric Company. (See Camilli, Guglielmo, assignor.)
- General Electric Company. (See Camilli, G., and Linch, assignors.)
- General Electric Company. (See Cartun, Paul O., assignor.)
- General Electric Company. (See Carlson, George, assignor.)
- General Electric Company. (See Carlson, G., and Knoderer, assignors.)
- General Electric Company. (See Cartun, Paul O., assignor.)
- General Electric Company. (See Caughey, Reed J., assignor.)
- General Electric Company. (See Champlin, Franklin J., assignor.)
- General Electric Company. (See Chapman, Verni J., assignor.)
- General Electric Company. (See Cheeseman, R. T., and Harty, assignors.)
- General Electric Company, The. (See Chubb, Alexander A., assignor.)
- General Electric Company. (See Clark, Frank M., assignor.)
- General Electric Company. (See Clark, F. M., and Koenig, assignors.)
- General Electric Company. (See Clark, F. M., and Ruscetti, assignors.)
- General Electric Company, The. (See Coates, Herbert J., assignor.)
- General Electric Company. (See Cockrell, William D., assignor.)
- General Electric Company. (See Collingham, Robert H., assignor.)
- General Electric Company. (See Compton, Frank A., Jr., assignor.)
- General Electric Company. (See Coolidge, William L., assignor.)
- General Electric Company. (See Coulson, Bevis P., Jr.)
- General Electric Company. (See Crago, Harry R., assignor.)
- General Electric Company. (See Crary, Selden B., assignor.)
- General Electric Company. (See Crocker, Clarence T., assignor.)
- General Electric Company. (See Crotty, Harold F., assignor.)
- General Electric Company. (See Dahl, O., and Haase, assignors.)
- General Electric Company. (See Dallmann, Herbert, assignor.)
- General Electric Company. (See Dalton, William, assignor.)
- General Electric Company. (See De Blieux, Earl V., assignor.)
- General Electric Company. (See Delbord, Yvon, assignor.)
- General Electric Company. (See De Tar, Donald R., assignor.)



General Electric Company. (See De Walt, Kenneth C., assignor.)  
 General Electric Company. (See Dewar, George, assignor.)  
 General Electric Company. (See Diedrich, Günther, assignor.)  
 General Electric Company. (See Dobke, Günther, assignor.)  
 General Electric Company. (See Dome, Robert B., assignor.)  
 General Electric Company. (See Donovan, J. F., and Malloy, assignors.)  
 General Electric Company. (See Doran, John H., assignor.)  
 General Electric Company. (See Druyvesteyn, M. J., and Warmoltz, assignors.)  
 General Electric Company. (See Duldner, K., and Wadelka, assignors.)  
 General Electric Company. (See Dunham, George W., assignor.)  
 General Electric Company. (See Eaton, John, assignor.)  
 General Electric Company. (See Eby, Eugene D., assignor.)  
 General Electric Company. (See Elder, Frank R., assignor.)  
 General Electric Company. (See Elder, Thomas A., assignor.)  
 General Electric Company. (See Elenbaas, Willem, assignor.)  
 General Electric Company. (See Elenbaas, W., and Jonas, assignors.)  
 General Electric Company. (See Elenbaas, W., and van Wyk, assignors.)  
 General Electric Company. (See Elmendorf, Duryea E., assignor.)  
 General Electric Company. (See Embleton, Rowland, assignor.)  
 General Electric Company. (See Enfield, William L., assignor.)  
 General Electric Company. (See Engster, Frank W., assignor.)  
 General Electric Company. (See Enszt, J., and Hüniger, assignors.)  
 General Electric Company. (See Ewest, H., and Galdes, assignors.)  
 General Electric Company. (See Ewing, Samuel C., assignor.)  
 General Electric Company. (See Faber, Erich, assignor.)  
 General Electric Company. (See Faus, Harold T., assignor.)  
 General Electric Company. (See Ferguson, John S., assignor.)  
 General Electric Company. (See Fiene, Marcus E., assignor.)  
 General Electric Company. (See Fisher, Alec, assignor.)  
 General Electric Company. (See Fitz Gerald, Alan S., assignor.)  
 General Electric Company. (See Flaherty, Harold J., assignor.)  
 General Electric Company. (See Flynn, E. J., and Malpica, assignors.)  
 General Electric Company. (See Foley, Joseph H., assignor.)  
 General Electric Company. (See Fonda, G. R., and Johnson, assignors.)  
 General Electric Company. (See Ford, Warren A., assignor.)  
 General Electric Company. (See Found, Clifton G., assignor.)  
 General Electric Company. (See Ericson, F. R., and Dickinson, assignors.)  
 General Electric Company. (See French, Henry G., assignor.)  
 General Electric Company. (See Fricke, Ernest, assignor.)  
 General Electric Company. (See Fritze, Otto, assignor.)  
 General Electric Company. (See Frobose, Ernst, assignor.)  
 General Electric Company. (See Fuwa, K., and Ito, assignors.)  
 General Electric Company. (See Fyler, George W., assignor.)  
 General Electric Company. (See Galdies, Georg, assignor.)  
 General Electric Company. (See Gardiner, Paul C., assignor.)  
 General Electric Company. (See Gardner, George F., assignor.)  
 General Electric Company. (See Garman, George W., assignor.)  
 General Electric Company. (See Gawehn, Herbert, assignor.)  
 General Electric Company. (See Geiger, Walter J., assignor.)  
 General Electric Company. (See Geiger, W. J., and Ayres, assignors.)  
 General Electric Company. (See Gibson, Hal, assignor.)  
 General Electric Company. (See Gillette, Robert T., assignor.)  
 General Electric Company. (See Gliven, Ralph D., assignor.)  
 General Electric Company. (See Goff, Robert W., assignor.)  
 General Electric Company. (See Gooskens, Henriens, assignor.)

General Electric Company. (See Gouldthorpe, Hubert W., assignor.)  
 General Electric Company. (See Gray, William T., assignor.)  
 General Electric Company. (See Green, Edward A., assignor.)  
 General Electric Company. (See Griffith, Rolland C., assignor.)  
 General Electric Company. (See Grobel, Lloyd P., assignor.)  
 General Electric Company. (See Haase, C., and Dahl, assignors.)  
 General Electric Company. (See Hagen, W., and Thoutret, assignors.)  
 General Electric Company. (See Hall, Ralph W., assignor.)  
 General Electric Company. (See Halvorson, Cromwell A. B., assignor.)  
 General Electric Company. (See Hamacher, Fritz, assignor.)  
 General Electric Company. (See Hamilton, F. A., Jr., and Bancker, assignors.)  
 General Electric Company. (See Hänlein, W., and Krefft, assignors.)  
 General Electric Company. (See Harbison, George C., assignor.)  
 General Electric Company. (See Harris, N. L., and Ryde, assignors.)  
 General Electric Company. (See Harty, Edgar A., assignor.)  
 General Electric Company. (See Hathaway, Claude M., assignor.)  
 General Electric Company. (See Hayman, William C., assignor.)  
 General Electric Company. (See Havourd, R. M., and Ewald, assignors.)  
 General Electric Company. (See Hedman, Sverker N., assignor.)  
 General Electric Company. (See Heimann, Walter, assignor.)  
 General Electric Company. (See Helmbright, Henry H., assignor.)  
 General Electric Company. (See Hendricks, Allan B., Jr., assignor.)  
 General Electric Company. (See Hermann, Benjamin R., assignor.)  
 General Electric Company. (See Herrlinger, Fritz, assignor.)  
 General Electric Company. (See Herskind, Carl C., assignor.)  
 General Electric Company. (See Heymann, Hugo, assignor.)  
 General Electric Company. (See Hilbert, Wilhelm, assignor.)  
 General Electric Company. (See Hill, Charles H., assignor.)  
 General Electric Company. (See Hill, C. H., and Anderson, assignors.)  
 General Electric Company. (See Hill, George S., assignor.)  
 General Electric Company. (See Hinüber, Josef, assignor.)  
 General Electric Company. (See Hoare, Stephen C., assignor.)  
 General Electric Company. (See Hobart, Henry M., assignor.)  
 General Electric Company. (See Hoffmann, Bruno, assignor.)  
 General Electric Company. (See Hoffmann, Daniel C., assignor.)  
 General Electric Company. (See Holm-Hansen, Osmund, assignor.)  
 General Electric Company. (See Holm-Hansen, O., and Watts, assignors.)  
 General Electric Company. (See Holst, G., Elenbaas, and van Wyk, assignors.)  
 General Electric Company. (See Hongo, Tatsuo, assignor.)  
 General Electric Company. (See Honing, Wilhelm, assignor.)  
 General Electric Company. (See Horning, Edwin L., assignor.)  
 General Electric Company. (See Hottenroth, Frederick W., Jr., assignor.)  
 General Electric Company. (See Howard, Alan, assignor.)  
 General Electric Company. (See Howard, E. A., and Scott, assignors.)  
 General Electric Company. (See Hull, A. W., and Tuggles, assignors.)  
 General Electric Company. (See Humphry, Paul E., assignor.)  
 General Electric Company. (See Hutchings, John H., assignor.)  
 General Electric Company. (See Inman, George E., assignor.)  
 General Electric Company. (See Irby, William, assignor.)  
 General Electric Company. (See Jagger, Claude A., assignor.)  
 General Electric Company. (See Joffe, William V., assignor.)  
 General Electric Company. (See Johannson, Hehnut, assignor.)



- General Electric Company. (See Johnson, Marwin R., assignor.)  
 General Electric Company. (See Johnson, Timothy A., assignor.)  
 General Electric Company. (See Jones, Benjamin W., assignor.)  
 General Electric Company. (See Juchter, Pieter, assignor.)  
 General Electric Company. (See Kaar, Ira J., assignor.)  
 General Electric Company. (See Kearsley, William K., assignor.)  
 General Electric Company. (See Keith, F. E., and Lindstrom, assignors.)  
 General Electric Company. (See Kern, J., and Krefft, assignors.)  
 General Electric Company. (See Killam, Kenneth A., assignor.)  
 General Electric Company. (See King, Robert A., assignor.)  
 General Electric Company. (See King, William J., assignor.)  
 General Electric Company. (See King, William R., assignor.)  
 General Electric Company. (See Kingdon, Kenneth H., assignor.)  
 General Electric Company. (See Kirkpatrick, Floyd M., assignor.)  
 General Electric Company. (See Kjolseth, Ole K., assignor.)  
 General Electric Company. (See Klepper, Gustav, assignor.)  
 General Electric Company. (See Kling, August J., assignor.)  
 General Electric Company. (See Klutke, Fritz, assignor.)  
 General Electric Company. (See Knight, James L., assignor.)  
 General Electric Company. (See Knoderer, Homer G., assignor.)  
 General Electric Company. (See Koch, Kurt, assignor.)  
 General Electric Company. (See Koenig, Alexander, assignor.)  
 General Electric Company. (See Koeppen, H., and Grünschneder, assignors.)  
 General Electric Company. (See Koller, Lewis R., assignor.)  
 General Electric Company. (See Kösters, Ludwig, assignor.)  
 General Electric Company. (See Krämer, Werner, assignor.)  
 General Electric Company. (See Krause, Paul W., assignor.)  
 General Electric Company. (See Krefft, H., Wilde, and Larché, assignors.)  
 General Electric Company. (See Krefft, H., and Rüttenauer, assignors.)  
 General Electric Company. (See Krejci, Robert F., assignor.)  
 General Electric Company. (See Kroenlein, Henry A., assignor.)  
 General Electric Company. (See Kronmiller, Charles W., assignor.)  
 General Electric Company. (See Kuyper, William W., assignor.)  
 General Electric Company. (See La Pierre, Cramer W., assignor.)  
 General Electric Company. (See La Pierre, C. W., and Menger, assignors.)  
 General Electric Company. (See Larrecq, Anthony J., assignor.)  
 General Electric Company. (See Lauder, A. H., and Shoults, assignors.)  
 General Electric Company. (See Leeds, Laurence M., assignor.)  
 General Electric Company. (See Leeds, R. E., and Dudding, assignors.)  
 General Electric Company. (See Lemmers, Eugene, assignor.)  
 General Electric Company. (See Lemmers, E., and Fernberger, assignors.)  
 General Electric Company. (See Lewis, E. H., and Hull, assignors.)  
 General Electric Company. (See Libman, Earl E., assignor.)  
 General Electric Company. (See Lichtenberg, Chester, assignor.)  
 General Electric Company. (See Linde, Leonard J., assignor.)  
 General Electric Company. (See Livingston, Orrin W., assignor.)  
 General Electric Company. (See Loebe, W. W., Müller, and Weinmann, assignors.)  
 General Electric Company. (See Lombardi, Renato, assignor.)  
 General Electric Company. (See Lord, Harold W., assignor.)  
 General Electric Company. (See Lord, H. W., and Dickinson, assignors.)  
 General Electric Company. (See Lucas, George, assignor.)  
 General Electric Company. (See Lum, Walter O., assignor.)  
 General Electric Company. (See Lunge, George S., assignor.)  
 General Electric Company. (See Lyman, Harold T., assignor.)
- General Electric Company. (See Maas, Arnold, assignor.)  
 General Electric Company. (See Macchi Aldo, assignor.)  
 General Electric Company. (See Mallard, Manley T., assignor.)  
 General Electric Company. (See Malloy, John J., assignor.)  
 General Electric Company. (See Mapelsden, Harold H., assignor.)  
 General Electric Company. (See Marcellus, Frederick S., assignor.)  
 General Electric Company. (See Marks, Charles L., assignor.)  
 General Electric Company. (See Marshaus, Anthony J., assignor.)  
 General Electric Company. (See Maslin, T. I., and Thomas, assignors.)  
 General Electric Company. (See Matsuyama, Y., Kuno, and Nasu, assignors.)  
 General Electric Company. (See Maxwell, Howard, assignor.)  
 General Electric Company. (See Mayer, Harry F., assignor.)  
 General Electric Company. (See Mayr, Otto, assignor.)  
 General Electric Company. (See McCarty, Orin P., assignor.)  
 General Electric Company. (See McConnell, Andrew J., assignor.)  
 General Electric Company. (See McFarland, James L., assignor.)  
 General Electric Company. (See McKeag, A. H., and Randall, assignors.)  
 General Electric Company. (See McLachlen, Willard J., assignor.)  
 General Electric Company. (See McLenegan, David W., assignor.)  
 General Electric Company. (See McMahan, Kenton D., assignor.)  
 General Electric Company. (See McNairy, Jacob W., assignor.)  
 General Electric Company. (See Meahl, Harry R., assignor.)  
 General Electric Company. (See Meijer, Nicolaas E. G., assignor.)  
 General Electric Company. (See Melchior, Paul, assignor.)  
 General Electric Company. (See Merrill, Frank W., assignor.)  
 General Electric Company. (See Merrill, Wilbur L., assignor.)  
 General Electric Company. (See Metcalf, George F., assignor.)  
 General Electric Company. (See Metcalf, Herbert E., assignor.)  
 General Electric Company. (See Metzger, Francis C., assignor.)  
 General Electric Company. (See Mickley, Erich, assignor.)  
 General Electric Company. (See Middel, Hendrick D., assignor.)  
 General Electric Company. (See Miles, Lawrence D., assignor.)  
 General Electric Company. (See Miller, Sidney E., assignor.)  
 General Electric Company. (See Minneci, S., and Blume, assignors.)  
 General Electric Company. (See Mitchell, John H., assignor.)  
 General Electric Company. (See Mittag, Albert H., assignor.)  
 General Electric Company. (See Miyauchi, Chuji, assignor.)  
 General Electric Company. (See Moeger, Kurt, assignor.)  
 General Electric Company. (See Mohler, F., and Umansky, assignor.)  
 General Electric Company. (See Montsinger, Vincent M., assignor.)  
 General Electric Company. (See Morack, Marvin M., assignor.)  
 General Electric Company. (See Moritz, March R., assignor.)  
 General Electric Company. (See Moritz, M. R., and Fitch, assignors.)  
 General Electric Company. (See Morrill, Wayne J., assignor.)  
 General Electric Company. (See Morrill, W. J., and Killam, assignors.)  
 General Electric Company. (See Morse, Harold F., assignor.)  
 General Electric Company. (See Morton, L. W., and Lorraine, assignors.)  
 General Electric Company. (See Muchow, Albert J., assignor.)  
 General Electric Company. (See Muir, Roy C., assignor.)  
 General Electric Company. (See Münzinger, Friedrich, assignor.)  
 General Electric Company. (See Nawo, Louis, assignor.)  
 General Electric Company. (See Newell, Heber L., assignor.)  
 General Electric Company. (See Newman, Delbert F., assignor.)  
 General Electric Company. (See Nickle, Clifford A., assignor.)  
 General Electric Company. (See Neidhardt, Hans, assignor.)



General Electric Company. (See Nippold, Max, assignor.)  
 General Electric Company. (See Nolte, Henry J., assignor.)  
 General Electric Company. (See Nolte, Ludwig, assignor.)  
 General Electric Company. (See Nordlander, B. W., and Agens, assignors.)  
 General Electric Company. (See Nowak, Paul, assignor.)  
 General Electric Company. (See Nowak, P., and Hofmeier, assignors.)  
 General Electric Company. (See Obermaier, Carl F., assignor.)  
 General Electric Company. (See Okawa, C., and Wada, assignors.)  
 General Electric Company. (See Oliver, James H., assignor.)  
 General Electric Company. (See Owens, Joseph W., assignor.)  
 General Electric Company. (See Paasche, Fritz, assignor.)  
 General Electric Company. (See Pailin, George, assignor.)  
 General Electric Company. (See Partridge, John H., assignor.)  
 General Electric Company. (See Paul, William E., assignor.)  
 General Electric Company. (See Paxton, Robert, assignor.)  
 General Electric Company. (See Payne, John H., assignor.)  
 General Electric Company. (See Pellett, Fred G., assignor.)  
 General Electric Company. (See Perrott, Laurence F., assignor.)  
 General Electric Company. (See Petermichl, Franz, assignor.)  
 General Electric Company. (See Peters, Leo R., assignor.)  
 General Electric Company. (See Pinkle, Emma B., assignor.)  
 General Electric Company. (See Pirani, M., and Fehse, assignors.)  
 General Electric Company. (See Pirani, M., and Reger, assignors.)  
 General Electric Company. (See Place, Claude W., assignor.)  
 General Electric Company. (See Pohl, Robert, assignor.)  
 General Electric Company. (See Poole, Ralph, assignor.)  
 General Electric Company. (See Pratt, William H., assignor.)  
 General Electric Company. (See Prince, David C., assignor.)  
 General Electric Company. (See Puffer, Samuel R., assignor.)  
 General Electric Company. (See Quackenbush, Cleveland H., assignor.)  
 General Electric Company. (See Randall, J. T., and Ryde, assignors.)  
 General Electric Company. (See Rankin, William K., assignor.)  
 General Electric Company. (See Reed, George M., assignor.)  
 General Electric Company. (See Reid, Eugene H., assignor.)  
 General Electric Company. (See Remscheid, Emil J., assignor.)  
 General Electric Company. (See Rhea, Thomas R., assignor.)  
 General Electric Company. (See Rich, Theodore A., assignor.)  
 General Electric Company. (See Rietsch, Eberhard, assignor.)  
 General Electric Company. (See Roberts, Arnold M., assignor.)  
 General Electric Company. (See Roberts, F. M., and Sills, assignors.)  
 General Electric Company. (See Roberts, Willard A., assignor.)  
 General Electric Company. (See Robinson, Ernest L., assignor.)  
 General Electric Company. (See Roessler, Edward W., assignor.)  
 General Electric Company. (See Rogers, Stephen C., assignor.)  
 General Electric Company. (See Rompe, Robert, assignor.)  
 General Electric Company. (See Rompe, R., and Thouret, assignors.)  
 General Electric Company. (See Roper, Val J., assignor.)  
 General Electric Company. (See Rosch, Arthur, assignor.)  
 General Electric Company. (See Rosch, A., and Neumann, assignors.)  
 General Electric Company. (See Rowell, Ralph M., assignor.)  
 General Electric Company. (See Rupp, Emil, assignor.)  
 General Electric Company. (See Sabbah, Camil A., assignor.)  
 General Electric Company. (See Sabbah, C. A., and Herskind, assignors.)

General Electric Company. (See Sadacca, Henri, assignor.)  
 General Electric Company. (See Sadler, Ernest K., assignor.)  
 General Electric Company. (See Safford, Moyer M., assignor.)  
 General Electric Company. (See Sableson, Robert F., assignor.)  
 General Electric Company. (See Sass, Friedrich, assignor.)  
 General Electric Company. (See Sato, Takeo, assignor.)  
 General Electric Company. (See Savage, Marion A., assignor.)  
 General Electric Company. (See Schaaf, James E., assignor.)  
 General Electric Company. (See Schaefer, Vincent J., assignor.)  
 General Electric Company. (See Scheldorf, Marvel W., assignor.)  
 General Electric Company. (See Schiebeler, Carl, assignor.)  
 General Electric Company. (See Schigyo, Iwane, assignor.)  
 General Electric Company. (See Schmer, Karl, assignor.)  
 General Electric Company. (See Schmidt, August, Jr., assignor.)  
 General Electric Company. (See Schmidt, Friedrich, assignor.)  
 General Electric Company. (See Schmitt, Richard H., assignor.)  
 General Electric Company. (See Schöbel, F., and Schubert, assignors.)  
 General Electric Company. See Schröter, Erich, assignor.)  
 General Electric Company. (See Schuhmann, Hans, assignor.)  
 General Electric Company. (See Schwabacher, Gerhard P., assignor.)  
 General Electric Company. (See Schwartz, R. D., Moe, and Hartley, assignors.)  
 General Electric Company. (See Seaberg, Carl H., assignor.)  
 General Electric Company. (See Sellers, Jesse E., assignor.)  
 General Electric Company. (See Sheals, Vincent A., assignor.)  
 General Electric Company. (See Shepherd, Thomas C.-R., assignor.)  
 General Electric Company. (See Shoults, David R., assignor.)  
 General Electric Company. (See Skeats, Wilfred F., assignor.)  
 General Electric Company, The. (See Smart, Norman C., assignor.)  
 General Electric Company. (See Smith, Arthur R., assignor.)  
 General Electric Company. (See Smith, Sidney R., assignor.)  
 General Electric Company. (See Snyder, William B., assignor.)  
 General Electric Company. (See Stacy, John D., assignor.)  
 General Electric Company. (See Standerwick, Reginald G., assignor.)  
 General Electric Company. (See Stansel, Numan R., assignor.)  
 General Electric Company. (See Stark, Julian H., assignor.)  
 General Electric Company. (See Steenstrup, Carl H., assignor.)  
 General Electric Company. (See Steenstrup, Christian, assignor.)  
 General Electric Company. (See Stephenson, Hugh M., assignor.)  
 General Electric Company. (See Stewart, Clyde E., assignor.)  
 General Electric Company. (See Stewart, C. E., and White, assignors.)  
 General Electric Company. (See Stiles, Harry L., assignor.)  
 General Electric Company. (See Stöber, Wolfgang, assignor.)  
 General Electric Company. (See Stratton, Jerry L., assignor.)  
 General Electric Company. (See Stricker, A. H., and Ulf, assignors.)  
 General Electric Company. (See Strickland, Royal F., assignor.)  
 General Electric Company. (See Struk, W., and Schroeder, assignors.)  
 General Electric Company. (See Suits, Chauncey G., assignor.)  
 General Electric Company. (See Sweet, Alva L., assignor.)  
 General Electric Company. (See Sykes, C., and Needham, assignors.)  
 General Electric Company. (See Sywert, Philip T., assignor.)  
 General Electric Company. (See Tantal, Soltehl, assignor.)  
 General Electric Company. (See Thearle, Ernest L., assignor.)  
 General Electric Company. (See Thompson, Browder J., assignor.)



- General Electric Company. (See Thompson, Louis W., assignor.)
- General Electric Company. (See Thumim, Carl, assignor.)
- General Electric Company. (See Thumin, C., and Strang, assignors.)
- General Electric Company. (See Tonks, Lewi, assignor.)
- General Electric Company. (See Traver, Oliver C., assignor.)
- General Electric Company. (See Trencham, H., and Wilkinson, assignors.)
- General Electric Company. (See Tritle, John F., assignor.)
- General Electric Company. (See Tritle, J. F., and McNairy, assignors.)
- General Electric Company. (See Tröger, Richard, assignor.)
- General Electric Company. (See Truesdell, F. W., Cameron, and Whyte, assignors.)
- General Electric Company. (See Uber, Victor T., assignor.)
- General Electric Company. (See Uhl, Robert L., assignor.)
- General Electric Company. (See Ungelenk, Alfred, assignor.)
- General Electric Company. (See Unwin, Kenneth J., assignor.)
- General Electric Company. (See Van Billiard, Lewis H., assignor.)
- General Electric Company. (See Ver Planck, D. W., and Seaman, assignors.)
- General Electric Company. (See Verrall, Victor E., assignor.)
- General Electric Company. (See Vouch, S. J., and McNairy, assignors.)
- General Electric Company. (See Wade, Allan J., assignor.)
- General Electric Company. (See Wall, George, assignor.)
- General Electric Company. (See Walters, T. R., and Manning, assignors.)
- General Electric Company. (See Wardwell, George W., Jr., assignor.)
- General Electric Company. (See Warren, Glenn B., assignor.)
- General Electric Company. (See Watts, Noble H., assignor.)
- General Electric Company. (See Wear, F., and Whyte, assignors.)
- General Electric Company. (See Weeks, Walter R., assignor.)
- General Electric Company. (See Welch, Alfred F., assignor.)
- General Electric Company. (See Weston, Frederick H., assignor.)
- General Electric Company. (See Wetherill, Lynn, assignor.)
- General Electric Company. (See White, Arthur J., assignor.)
- General Electric Company. (See White, Frank F., assignor.)
- General Electric Company. (See White, Leo D., assignor.)
- General Electric Company. (See Whiting, Max A., assignor.)
- General Electric Company. (See Wiegand, Kurt, assignor.)
- General Electric Company. (See Wiegand, K., and Gritz, assignors.)
- General Electric Company. (See Willheim, R., and Frühauf, assignors.)
- General Electric Company. (See Williamson, Alexander G., assignor.)
- General Electric Company. (See Willis, C. H., Bedford, and Elder, assignors.)
- General Electric Company. (See Willis, Clodius H., assignor.)
- General Electric Company. (See Wölfel, Albrecht, assignor.)
- General Electric Company. (See Wood, Alexander P., assignor.)
- General Electric Company. (See Wood, Orla L., assignor.)
- General Electric Company. (See Woodruff, Henry S., assignor.)
- General Electric Company. (See Work, Robert W., assignor.)
- General Electric Company. (See Wotring, Gaylord H., assignor.)
- General Electric Company. (See Wright, J. G. E., and Pipkin, assignors.)
- General Electric Company. (See Wright, Norman, assignor.)
- General Electric Company. (See Wyman, Le Roy L., assignor.)
- General Electric Company. (See Young, William R., assignor.)
- General Electric Company. (See Zahn, Erwin A., assignor.)
- General Electric Company. (See Zeh, Martin, assignor.)
- General Electric Company. (See Zierahn, George, assignor.)
- General Electric Company. (See Zurcher, Ernest, assignor.)
- General Electric Company Limited. (See Benjamin, M., and Jenkins, assignors.)
- General Electric Company Limited, The. (See Carpenter, O. I., and Moss, assignors.)
- General Electric Company Limited. (See Chubb, Alexander A., assignor.)
- General Electric Company Limited. (See Chubb, A. A., and Smart, assignors.)
- General Electric Company Limited, The. (See Espley, Dennis C., assignor.)
- General Electric Company Limited, The. (See Prinz, Dietrich G., assignor.)
- General Electric Company Limited, The. (See Smart, Norman C., assignor.)
- General Electric Company Limited, The. (See Thompson, John S., assignor.)
- General Electric Corporation. (See Warrington, Albert R. van C., assignor.)
- General Electric Vapor Lamp Company. (See Foulke, Ted E., assignor.)
- General Electric Vapor Lamp Company. (See Walker, Warren R., assignor.)
- General Electric X-Ray Corporation. (See Gross, M. J., and Atlee, assignors.)
- General Electric X-Ray Corporation. (See Mesick, H. F., Jr., and Gross, assignors.)
- General Electric X-Ray Corporation. (See Wantz, J. B., and Grobe, assignors.)
- General Electric X-Ray Corporation. (See Wantz, J. B., and Kizaur, assignors.)
- General Engineering Company, The. (See Riddell, William A., assignor.)
- General Fire Extinguisher Company. (See Knight, Ira W., assignor.)
- General Fire Extinguisher Company. (See Loepsinger, Albert J., assignor.)
- General Fireproofing Company, The. (See Brainard, George C., assignor.)
- General Fireproofing Company. (See Gourley, Glenn T., assignor.)
- General Fireproofing Company, The. (See McKinley, W. H., and Johnson, assignors.)
- General Fireproofing Company, The. (See Powell, Dwight, assignor.)
- General Foods Corporation. (See Beach, Neal M., assignor.)
- General Foods Corporation. (See Olsen, A. G., and Stuewer, assignors.)
- General Ice Cream Corporation. (See Snowden, Byron S., assignor.)
- General Instrument Corporation. (See Cohen, Samuel, assignor.)
- General Machinery Corporation. (See Byerlein, Arthur A., assignor.)
- General Machinery Corporation. (See Cole, Lyndon C., assignor.)
- General Manifold and Printing Company. (See Lewis, E. Z., and Menihan, assignors.)
- General Metalware Company. (See Chamberlain, Alfred J., assignor.)
- General Mills, Inc. (See Hodge, James P., assignor.)
- General Mining & Finance Corporation Limited. (See Smith, Harold H., assignor.)
- General Motors Corporation. (See Alexander, D. F., Henney, and Paulus, assignors.)
- General Motors Corporation. (See Alexander, D. F., and Pearce, assignors.)
- General Motors Corporation. (See Almen, John O., assignor.)
- General Motors Corporation. (See Almen, J. O., and Ehrlich, assignors.)
- General Motors Corporation. (See Almen, J. O., and Hawkins, assignors.)
- General Motors Corporation. (See Anderson, William B., assignor.)
- General Motors Corporation. (See Arthur, James L., assignor.)
- General Motors Corporation. (See Arthur, J. L., and Hittle, assignors.)
- General Motors Corporation. (See Arthur, J. L., and Thompson, assignors.)
- General Motors Corporation. (See Babitch, A. M., and Harry, assignors.)
- General Motors Corporation. (See Bacon, Elbridge F., assignor.)
- General Motors Corporation. (See Bates, Ralph I., assignor.)
- General Motors Corporation. (See Begg, Russell S., assignor.)
- General Motors Corporation. (See Biederman, Edward G., assignor.)
- General Motors Corporation. (See Boegehold, Alfred L., assignor.)
- General Motors Corporation. (See Boegehold, A. L., and Schluchter, assignors.)
- General Motors Corporation. (See Boehner, Ludwig G., assignor.)
- General Motors Corporation. (See Boles, Chalmers B., assignor.)
- General Motors Corporation. (See Brackett, Tracy F., assignor.)
- General Motors Corporation. (See Bratten, Philip M., assignor.)
- General Motors Corporation. (See Brill, William E., assignor.)
- General Motors Corporation. (See Burton, Robert B., assignor.)



General Motors Corporation. (See Candor, Robert R., assignor.)  
 General Motors Corporation. (See Candor, R. R., and Alexander, assignors.)  
 General Motors Corporation. (See Carson, Stanley R., assignor.)  
 General Motors Corporation. (See Chase, Frederick L., assignor.)  
 General Motors Corporation. (See Chase, Theron P., assignor.)  
 General Motors Corporation. (See Chase, T. P., and Martin, assignors.)  
 General Motors Corporation. (See Church, Harold D., assignor.)  
 General Motors Corporation. (See Clason, Ragnar, assignor.)  
 General Motors Corporation. (See Claytor, Edward M., assignor.)  
 General Motors Corporation. (See Cramer, Paul L., assignor.)  
 General Motors Corporation. (See Cramer, Raymond H., assignor.)  
 General Motors Corporation. (See Crawford, J. M., and Schwager, assignors.)  
 General Motors Corporation. (See Critchfield, Robert M., assignor.)  
 General Motors Corporation. (See Dasher, Don E., assignor.)  
 General Motors Corporation. (See Davis, James H., assignor.)  
 General Motors Corporation. (See Davis, J. H., and Lemming, assignors.)  
 General Motors Corporation. (See Delaval-Crow, Thomas C., assignor.)  
 General Motors Corporation. (See Dick, H. J., and Fleming, assignors.)  
 General Motors Corporation. (See Dingwerth, William H., assignor.)  
 General Motors Corporation. (See Dyer, John B., assignor.)  
 General Motors Corporation. (See Dyer, J. B., and Brown, assignors.)  
 General Motors Corporation. (See Edwards, William C., assignor.)  
 General Motors Corporation. (See Ehrlich, Jacob, assignor.)  
 General Motors Corporation. (See Ellis, R. C., and Archer, assignors.)  
 General Motors Corporation. (See Elsey, George W., assignor.)  
 General Motors Corporation. (See Elsey, G. W., Mumma, and Vosler, assignors.)  
 General Motors Corporation. (See Emmons, Willard O., assignor.)  
 General Motors Corporation. (See Falge, Robert N., assignor.)  
 General Motors Corporation. (See Fausset, Ernest R., assignor.)  
 General Motors Corporation. (See Fehr, John R., assignor.)  
 General Motors Corporation. (See Fessler, Albra H., assignor.)  
 General Motors Corporation. (See Fessler, Charles T., assignor.)  
 General Motors Corporation. (See Fish, Mortimer W., assignor.)  
 General Motors Corporation. (See Ford, Jay T., assignor.)  
 General Motors Corporation. (See Fredrickson, Gustav, assignor.)  
 General Motors Corporation. (See Gaugler, Richard S., assignor.)  
 General Motors Corporation. (See Gelse, Walter A., assignor.)  
 General Motors Corporation. (See Georgiev, Alexander M., assignor.)  
 General Motors Corporation. (See Getchell, R. M., and Miller, assignors.)  
 General Motors Corporation. (See Geyer, Bertram B., assignor.)  
 General Motors Corporation. (See Geyer, Harvey D., assignor.)  
 General Motors Corporation. (See Geyer, H. D., Flower, and Philippi, assignors.)  
 General Motors Corporation. (See Gibbons, H. R., and Brittain, assignors.)  
 General Motors Corporation. (See Gilman, Norman H., assignor.)  
 General Motors Corporation. (See Glacy, Edward W., assignor.)  
 General Motors Corporation. (See Goad, L. C., Haubursh, and Beckmann, assignors.)  
 General Motors Corporation. (See Gould, Richard E., assignor.)  
 General Motors Corporation. (See Gove, W. D., and Dolza, assignors.)  
 General Motors Corporation. (See Grandy, L. R., and Doane, assignors.)  
 General Motors Corporation. (See Gray, Floyd E., assignor.)  
 General Motors Corporation. (See Grooms, Albert O., assignor.)  
 General Motors Corporation. (See Halbleib, Edward A., assignor.)

General Motors Corporation. (See Halbleib, E. A., Rohr, and Wallis, assignors.)  
 General Motors Corporation. (See Hallett, George E. A., assignor.)  
 General Motors Corporation. (See Harris, Bert C., assignor.)  
 General Motors Corporation. (See Hause, Gilbert K., assignor.)  
 General Motors Corporation. (See Helgeby, Ralph O., assignor.)  
 General Motors Corporation. (See Helgeby, R. O., and Harada, assignors.)  
 General Motors Corporation. (See Henne, Albert L., assignor.)  
 General Motors Corporation. (See Henney, Charles F., assignor.)  
 General Motors Corporation. (See Hittle, Dalphin L., assignor.)  
 General Motors Corporation. (See Holmes, John Q., assignor.)  
 General Motors Corporation. (See Holmes, John R., assignor.)  
 General Motors Corporation. (See Hornaday, James R., assignor.)  
 General Motors Corporation. (See Huey, Henry, assignor.)  
 General Motors Corporation. (See Hughes, Frederick C., assignor.)  
 General Motors Corporation. (See Hull, Harry B., assignor.)  
 General Motors Corporation. (See Hull, H. B., and Alexander, assignors.)  
 General Motors Corporation. (See Hull, H. B., and McCormack, assignors.)  
 General Motors Corporation. (See Hunt, George, assignor.)  
 General Motors Corporation. (See Hunt, G., and Wolfram, assignors.)  
 General Motors Corporation. (See Hunt, John H., assignor.)  
 General Motors Corporation. (See Hunt, J. H., and Seelinger, assignors.)  
 General Motors Corporation. (See Hutchinson, Philip H., assignor.)  
 General Motors Corporation. (See Kamrath, Herbert G., assignor.)  
 General Motors Corporation. (See Karmazin, John, assignor.)  
 General Motors Corporation. (See Kearney, Lawrence J., assignor.)  
 General Motors Corporation. (See Keighley, Lloyd M., assignor.)  
 General Motors Corporation. (See Keller, Clarence J., assignor.)  
 General Motors Corporation. (See Kettering, Charles F., assignor.)  
 General Motors Corporation. (See Koubek, John L., assignor.)  
 General Motors Corporation. (See Kucher, Andrew A., assignor.)  
 General Motors Corporation. (See Large, Samuel R., assignor.)  
 General Motors Corporation. (See Lauer, C. J., and Bowers, assignors.)  
 General Motors Corporation. (See Lee, John W., assignor.)  
 General Motors Corporation. (See Loney, Neil M., assignor.)  
 General Motors Corporation. (See Loney, N. M., Van Berg, and Ferguson, assignors.)  
 General Motors Corporation. (See Luneke, Louis C., assignor.)  
 General Motors Corporation. (See Lyons, Paul M., assignor.)  
 General Motors Corporation. (See Madlé, Alain, assignor.)  
 General Motors Corporation. (See Mann, Cecil A., assignor.)  
 General Motors Corporation. (See Marino, Salvatore F., assignor.)  
 General Motors Corporation. (See McCormack, Alex A., assignor.)  
 General Motors Corporation. (See McDougal, Taine G., assignor.)  
 General Motors Corporation. (See McDougal, T. G., Fessler, and Schwartzwalder, assignors.)  
 General Motors Corporation. (See McKinley, C. W., and Lauer, assignors.)  
 General Motors Corporation. (See Mead, Howard C., assignor.)  
 General Motors Corporation. (See Michel, C. A., and Koubek, assignors.)  
 General Motors Corporation. (See Michel, C. A. and Mead, assignors.)  
 General Motors Corporation. (See Michel, C. A., Mead, and Winkelmeier, assignors.)  
 General Motors Corporation. (See Midgley, T., Henne, and McNary, assignors.)  
 General Motors Corporation. (See Mirus Leuschner, Kurt, assignor.)  
 General Motors Corporation. (See Mullen, Raymond F., assignor.)  
 General Motors Corporation. (See Murden, William T., assignor.)



- General Motors Corporation. (See Murden, W. T., and Delaval-Crow, assignors.)  
 General Motors Corporation. (See Newill, Edward B., assignor.)  
 General Motors Corporation. (See Nyland, Edward R., assignor.)  
 General Motors Corporation. (See Olley, Maurice, assignor.)  
 General Motors Corporation. (See Olson, Theodore A., assignor.)  
 General Motors Corporation. (See Padgett, Joseph E., assignor.)  
 General Motors Corporation. (See Parker, Leslie O., assignor.)  
 General Motors Corporation. (See Pearce, George C., assignor.)  
 General Motors Corporation. (See Phillips, William M., assignor.)  
 General Motors Corporation. (See Pogue, George D., assignor.)  
 General Motors Corporation. (See Pontis, W. G., Chryst, Kindl, and Kunkle, assignors.)  
 General Motors Corporation. (See Poole, L. E., and Beekman, assignors.)  
 General Motors Corporation. (See Price, Osborne I., assignor.)  
 General Motors Corporation. (See Rabezana, Hector, assignor.)  
 General Motors Corporation. (See Rabezana, H., and Kalmar, assignors.)  
 General Motors Corporation. (See Rasmussen, Olaf, assignor.)  
 General Motors Corporation. (See Rasmussen, O., and Hause, assignors.)  
 General Motors Corporation. (See Rasmussen, O., and Rike, assignors.)  
 General Motors Corporation. (See Reeves, Donald H., assignor.)  
 General Motors Corporation. (See Reifer, George M., assignor.)  
 General Motors Corporation. (See Rosenberg, Philip S., assignor.)  
 General Motors Corporation. (See Rossman, E. F., Chryst, and Bates, assignors.)  
 General Motors Corporation. (See Rossman, E. F., and Funston, assignors.)  
 General Motors Corporation. (See Schaefer, Walter J., assignor.)  
 General Motors Corporation. (See Schamehorn, Arthur J., assignor.)  
 General Motors Corporation. (See Scharff, Clinton R., assignor.)  
 General Motors Corporation. (See Schittke, Robert, assignor.)  
 General Motors Corporation. (See Schjolin, Eric O., assignor.)  
 General Motors Corporation. (See Schwartz, B. H., and Bigler, assignors.)  
 General Motors Corporation. (See Schwartzwalder, Karl, assignor.)  
 General Motors Corporation. (See Schwartzwalder, K., and Kirk, assignors.)  
 General Motors Corporation. (See Schwarze, Bruce H., assignor.)  
 General Motors Corporation. (See Schwarze, Herman, assignor.)  
 General Motors Corporation. (See Schweller, Edmund F., assignor.)  
 General Motors Corporation. (See Schweller, Sylvester M., assignor.)  
 General Motors Corporation. (See Schweller, S. M., assignor, and Schilling.)  
 General Motors Corporation. (See Shepard, Everett H., assignor.)  
 General Motors Corporation. (See Shippy, L. C., and Gebhart, assignors.)  
 General Motors Corporation. (See Smilack, Jacob, assignor.)  
 General Motors Corporation. (See Smith, Harry F., assignor.)  
 General Motors Corporation. (See Smith, Harry G., assignor.)  
 General Motors Corporation. (See Smith, Hazor J., assignor.)  
 General Motors Corporation. (See Smith, Hugh R., assignor.)  
 General Motors Corporation. (See Smith, Rolf M., assignor.)  
 General Motors Corporation. (See Smith, Victor W., assignor.)  
 General Motors Corporation. (See Spicacci, Attilio R., assignor.)  
 General Motors Corporation. (See Stephenson, James R., assignor.)  
 General Motors Corporation. (See Stief, K., and Evans, assignors.)  
 General Motors Corporation. (See Stuerzl, Henry C., assignor.)  
 General Motors Corporation. (See Sullivan, Raymond H., assignor.)  
 General Motors Corporation. (See Sullivan, R. H., Hutchins, and Wallis, assignors.)  
 General Motors Corporation. (See Summers, Caleb E., assignor.)  
 General Motors Corporation. (See Summers, Otto M., assignor.)  
 General Motors Corporation. (See Tarleton, Frederic L., assignor.)  
 General Motors Corporation. (See Taub, Alex, assignor.)  
 General Motors Corporation. (See Tenney, Perry L., assignor.)  
 General Motors Corporation. (See Thornburgh, H. A., and Brown, assignors.)  
 General Motors Corporation. (See Tweedale, Ralph L., assignor.)  
 General Motors Corporation. (See Tyler, Tracy B., assignor.)  
 General Motors Corporation. (See Vandoren, Bernard J., assignor.)  
 General Motors Corporation. (See Vuilleumier, Albert, assignor.)  
 General Motors Corporation. (See Walker, Nelson, assignor.)  
 General Motors Corporation. (See Wallis, Cyril T., assignor.)  
 General Motors Corporation. (See Waterbury, Ronald J., assignor.)  
 General Motors Corporation. (See Watson, James B., assignor.)  
 General Motors Corporation. (See Watt, William W., assignor.)  
 General Motors Corporation. (See Webb, Hartwell W., assignor.)  
 General Motors Corporation. (See Webster, Don B., assignor.)  
 General Motors Corporation. (See Weiher, George F., assignor.)  
 General Motors Corporation. (See Werner, Calvin J., assignor.)  
 General Motors Corporation. (See Williams, Harry M., assignor.)  
 General Motors Corporation. (See Williams, H. M., and Timmer, assignors.)  
 General Motors Corporation. (See Winkelmeyer, R., and Mead, assignors.)  
 General Motors Corporation. (See Wise, A. G., Mapes, Chryst, and Fuchs, assignors.)  
 General Motors Corporation. (See Wise, Edmund M., assignor.)  
 General Motors Corporation. (See Wolcott, Glenn W., assignor.)  
 General Motors Corporation. (See Wolfram, William S., assignor.)  
 General Osmose Corporation. (See Schmittutz, Carl, assignor.)  
 General Outdoor Advertising Co. Inc. (See Smith, Charles F., assignor.)  
 General Paint Corporation, The. (See Boylan, David W., assignor.)  
 General Paint Corporation. (See Boyland, D. W., and Morain, assignors.)  
 General Paint Corporation. (See Boyland, D. W., Morain, and Bowman, assignors.)  
 General Paint Corporation, The. (See Morain, Clifford F., assignor.)  
 General Paper Products Corp. (See Ramstedt, Frederick, assignor.)  
 General Patents, Limited. (See McRae, Randolph J., assignor.)  
 General Porcelain Enameling & Manufacturing Company. (See Powell, Lawrence J., assignor.)  
 General Printing Ink Corporation. (See Curado, Joseph G., assignor.)  
 General Products Corporation. (See Calva, Jose B., assignor.)  
 General Radio Company. (See Bedell, Frederick, assignor.)  
 General Radio Company. (See Hunt, Frederick V., assignor.)  
 General Radio Company. (See Tuttle, William N., assignor.)  
 General Railway Signal Company. (See Blodgett, Edwin O., assignor.)  
 General Railway Signal Company. (See Brixner, Frederick W., assignor.)  
 General Railway Signal Company. (See Bryant, Stanley C., assignor.)  
 General Railway Signal Company. (See Bushnell, Charles S., assignor.)  
 General Railway Signal Company. (See Day, Salisbury M., assignor.)  
 General Railway Signal Company. (See De Long, Darrol F., assignor.)  
 General Railway Signal Company. (See Dicke, Oscar H., assignor.)  
 General Railway Signal Company. (See Dorschel, Cyril H., assignor.)  
 General Railway Signal Company. (See Fairbanks, Edwin B., assignor.)  
 General Railway Signal Company. (See Field, Oscar S., assignor.)  
 General Railway Signal Company. (See Field, O. S., and Willing, assignors.)  
 General Railway Signal Company. (See Hailes, William D., assignor.)  
 General Railway Signal Company. (See Hitchcock, Forest B., assignor.)



- General Railway Signal Company. (See Hoppe, Walter H., assignor.)
- General Railway Signal Company. (See Hormats, Myer, assignor.)
- General Railway Signal Company. (See Howe, Winthrop K., assignor.)
- General Railway Signal Company. (See Howe, W. K., and Merkel, assignors.)
- General Railway Signal Company. (See Judge, Thomas J., assignor.)
- General Railway Signal Company. (See Langdon, Andrew, assignor.)
- General Railway Signal Company. (See Larry E. C., and Langdon, assignors.)
- General Railway Signal Company. (See Larry, E. C., and Twitchell, assignors.)
- General Railway Signal Company. (See Leake, Richard C., assignor.)
- General Railway Signal Company. (See Mackey, Stuart J., assignor.)
- General Railway Signal Company. (See Mock, James C., assignor.)
- General Railway Signal Company. (See Phinney, Robert M., assignor.)
- General Railway Signal Company. (See Phinney, R. M., and Hoppe, assignors.)
- General Railway Signal Company. (See Powell, Winfred T., assignor.)
- General Railway Signal Company. (See Preston, Neil D., assignor.)
- General Railway Signal Company. (See Preston, N. D., and Hitchcock, assignors.)
- General Railway Signal Company. (See Rees, Frank X., assignor.)
- General Railway Signal Company. (See Reichard, Wade H., assignor.)
- General Railway Signal Company. (See Reichard, W. H., and Bushnell, assignors.)
- General Railway Signal Company. (See Scheg, Marclan A., assignor.)
- General Railway Signal Company. (See Sheets, Robert A., assignor.)
- General Railway Signal Company. (See Stoltz, Carl F., assignor.)
- General Railway Signal Company. (See Vaughn, John I., assignor.)
- General Railway Signal Company. (See Warmington, F. T. and Rupert, assignors.)
- General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
- General Railway Signal Company. (See Willing, Joseph E., assignor.)
- General Refractories Company. (See Heuer, R. P., and Fitzgerald, assignors.)
- General Refrigeration Corporation. (See Erbach, Fred R., assignor.)
- General Refrigeration Corporation. (See Erbach, F. R., and Swart, assignors.)
- General Register Corporation. (See Helsel, Reuben H., assignor.)
- General Ribbon Mills, Inc. (See Goldsmith, Bertram J., assignor.)
- General Ribbon Mills, Inc. (See Stark, Joseph W., assignor.)
- General Shaver Corporation. (See Landsiedel, Harry, assignor.)
- General Shaver Corporation. (See Rand, J. H., Jr., and Benner, assignors.)
- General Sho Card Machine Company. (See Kline, Seth Q., assignor.)
- General Shoe Corporation. (See Hill, George R., assignor.)
- General Slicing Machine Co. of New York, Inc. (See Weiner, H., and Friedman, assignors.)
- General Soya Corporation. (See Güssel, Fritz, assignor.)
- General Steel Castings Corporation. (See Frede, Charles F., assignor.)
- General Steel Castings Corporation. (See Hallquist, Einar G., assignor.)
- General Steel Castings Corporation. (See Hoblitzelle, Harrison, assignor.)
- General Steel Castings Corporation. (See Lanning, Howard H., assignor.)
- General Steel Castings Corporation. (See Locke, J. H., and Sheehan, assignors.)
- General Steel Castings Corporation. (See Pfleger, Harry M., assignor.)
- General Steel Castings Corporation. (See Pfleger, Harry M. and Beckett, assignors.)
- General Steel Castings Corporation. (See Sheehan, William M., assignor.)
- General Textile Mills, Inc. (See Frieder, Leonard P., assignor.)
- General Tile Corporation, et al. (See Philo, Frank A., assignor.)
- General Timber Service, Inc. (See Payzant, Henry H., assignor.)
- General Time Instruments Corporation. (See Schlenker, Max, assignor.)
- General Tire & Rubber Company, The. (See Engler, Max L., assignor.)
- General Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
- General Tire & Rubber Company. (See Veecey, William E., assignor.)
- General Vending Service Co., The. (See Derby, William V., assignor.)
- Geners, Reginald. (See Burden, W. M., Geners, and Harrison.)
- Genest, Homer A., Danbury, Conn., assignor to United States Hat Machinery Corporation, New York, N. Y. Method of and apparatus for shrinking felt articles. 2,112,207; Mar. 22.
- Geneva Processes, Inc. (See McLean, William A., assignor.)
- Gengler, Edwin J. (See Heidger, Leonard, assignor.)
- Gensecke, Wilhelm, Gonzenheim, near Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Preventing incrustation on heating surfaces during the concentration of sulphite-cellulose waste liquor. 2,140,992; Dec. 20.
- Gensel, Herbert. (See Brodersen, K., Quaadvlieg, Schneider, and Gensel.)
- Gentele, Johan G. W., Stockholm, Sweden. Method of and apparatus for drying substances which contain liquids. 2,132,897; Oct. 11.
- Gentile, Virginio J., Summit, N. J. Curling hair. 2,118,920; May 31.
- Gentry, Hermond G., Lake Village, Ark. Internal combustion engine. 2,136,293; Nov. 8.
- Gentzel, Otto, assignor of one-third to H. Sturgis, and one-third to R. Silberman, Monticello, N. Y. Automatic firing flare. 2,110,061; Mar. 1.
- Genung, Leo B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparation of cellulose esters containing dicarboxylic acid radicals. 2,126,460; Aug. 9.
- Geo-Frequenta Corporation. (See Potapenko, Gennady, assignor.)
- Geometric Tool Company, The. (See Breitenstein, Albert F., assignor.)
- Geometric Tool Company, The. (See Strickland, Royce M., assignor.)
- Geophysical Research Corporation. (See Blondeau, Ernest E., assignor.)
- Georg, Emory. (See Hare, Sherman, assignor.)
- George, Charles L. (See Bennett, R. N., and George.)
- George, Charles L., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Fairlead. 2,106,000; Jan. 18.
- George, Douglas F., Hutton, England, assignor to Radio Corporation of America. Thermionic valve circuit arrangement. 2,129,088; Sept. 6.
- George, Harry F., and J. G. Howard, Chicago, Ill. Lock key cutting machine. 2,129,087; Sept. 6.
- George, Henri, Paris, and G. Delpech, Clamart, assignors to Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Crey, Paris, France. Electrical heating means. 2,104,557; Jan. 4.
- George, Henri, Paris, and G. Delpech, Clamart, assignors to Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Crey, Paris, France. Electrical heating. 2,125,912; Aug. 9.
- George, Jerome R., Marion, Mass. Stock feeding and handling apparatus for rolling mills. 2,133,090; Oct. 11.
- George, Joseph F., Gustine, Calif. Milking pail. 2,117,799; May 17.
- George, Landon C., Chicago, Ill. Electrical switch. 2,105,883; Jan. 18.
- George, Ralph D., assignor to Butler Manufacturing Company, Kansas City, Mo. Trailer tank construction. 2,113,803; Apr. 12.
- George, Ralph W. (See Trevor, B., and George.)
- George, Ralph W., and B. Trevor, Riverhead, N. Y., assignors to Radio Corporation of America. Ultra short wave system. 2,141,242; Dec. 27.
- George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Electrode. 2,117,842; May 17.
- George, Roscoe H., La Fayette, Ind., assignor to Radio Corporation of America. Modulation system. 2,128,643; Aug. 30.
- George, Roscoe H., and H. J. Heim, West Lafayette, Ind., assignors to Radio Corporation of America. Amplifier system. 2,137,278; Nov. 22.
- George, Ross F., Seattle, Wash. Quick cleaning feeder for pens. 2,104,479; Jan. 4.
- George, Ross F., Seattle, Wash. Adjustable feeder for pens. 2,137,449; Nov. 22.
- George, Ruth M. (See Masino, R., and Keep, assignors.)
- George, Simon C., Greensburg, and J. J. Weber; said J. J. Weber assignor to E. C. Weber, Pittsburgh, Pa. Safety device for hydraulic brake systems. 2,127,399; Aug. 16.
- George, Warren E., and W. J. Borer, Tekamah, Nebr. Internal combustion engine. 2,123,279; July 12.
- Georgiev, Alexander M., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Container for electrolytic condensers. 2,125,373; Aug. 2.
- Geraci, Vito, assignor of one-half to A. Furibando, Brooklyn, N. Y. Scalp protecting pad for hair waving. 2,121,466; June 21.
- Geraci, Vito, assignor of one-half to A. Furibando, Brooklyn, N. Y. Ringlet setting implement. 2,121,467; June 21.
- Gerard, Pierre Joseph, et al. (See Elmer, Robert B.)



- Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Bag pressure indicator for suction cleaners. 2,114,105; Apr. 12.
- Gerber, Emil W. (See Cornell, M. L., and Gerber.)
- Gerber, Frank, Fremont, Mich., assignor to Gerber Products Company. Reciprocating cooker. 2,134,817; Nov. 1.
- Gerber, Lee, Ketchikan, Alaska. Valve. 2,119,534; June 7.
- Gerber, Paul D. (See Bokovoy, S. A., and Gerber.)
- Gerber Products Company. (See Gerber, Frank, assignor.)
- Gerber, Sidney, Seattle, Wash. Ski binding. 2,108,167; Feb. 15.
- Gerbermann, Frank J., St. Louis, Mo. Flower holder. 2,126,766; Aug. 16.
- Gerdas, Theodore H., Dike, Iowa. Can opener and dispenser. 2,125,002; July 26.
- Gerdtz, Gustav F., Bremen, Germany. Conduit for steam condensate. 2,122,642; July 5.
- Gere, George G. (See Ryan, John T., assignor.)
- Gerety, Edward J., Bronx, N. Y., assignor to The McBee Company, Athens, Ohio. Writing board. 2,108,481; Feb. 15.
- Gerety, Edward J., Bronx, N. Y., assignor to The McBee Company, Athens, Ohio. Desk for automatic writing boards. 2,130,490; Sept. 20.
- Gerhardt, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra-short wave receiving system. 2,133,615; Oct. 18.
- Gerhardt, Andrew H., assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine cabinet. 2,140,836; Dec. 20.
- Gerhardt, Carl F., Kenmore, N. Y. Refrigerator cabinet. 2,114,764; Apr. 19.
- Gerhardt, John H., W. W. Williams, and C. B. Dempster, assignors to Dempster Mill Manufacturing Co., Beatrice, Nebr. Moisture eliminator. 2,115,221; Apr. 26.
- Gerhardt, Paul, Staley, assignor of one-half to W. G. Broadfoot, Wilmington, N. C. Classifier for dry impalpable fines. 2,113,885; Apr. 12.
- Gerhardt, William F., and W. H. Horn, Detroit, Mich. Vehicle. 2,135,073; Nov. 1.
- Gerin, Jacques, Boulogne-sur-Seine, France. Airplane having a variable lifting surface. 2,136,128; Nov. 8.
- Gerisch, Willy. (See Wünsch, G., and Gerisch.)
- Gerke, Roscoe H., Nutley, G. H. Ganzhorn, West Englewood, and L. H. Howland, Nutley, N. J., and H. M. Smallwood, assignors to United States Rubber Products, Inc., New York, N. Y. Manufacture of rubber. 2,118,601; May 24.
- Gerken, Howard S., Buffalo, N. Y. Apparatus for separating materials. 2,130,346; Sept. 20.
- Gerking, Donald V., and F. E. Kane, assignors to The International Printing Company, Indianapolis, Ind. Dual display and carrying case. 2,111,621; Mar. 22.
- Gerlach, Erwin, Berlin-Siemensstadt, assignor to Klangfilm G. m. b. H., Berlin, Germany. Speed control system. 2,105,529; Jan. 18.
- Gerlach, Erwin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Microphone. 2,110,763; Mar. 8.
- Gerlach, Erwin, Berlin-Siemensstadt, assignor to Klangfilm G. m. b. H., Berlin, Germany. Oscillograph galvanometer. 2,125,608; Aug. 2.
- Gerlach, Erwin, Berlin-Siemensstadt, assignor to Klangfilm G. m. b. H., Berlin, Germany. String galvanometer. 2,126,252; Aug. 9.
- Gerlach, Frank A., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Cylinder door construction. 2,140,621; Dec. 20.
- Gerlach, John C., Tomah, Wis. Hold-down for spring rail frogs. 2,129,734; Sept. 13.
- Gerlich, Adolph. (See Means, Irving L., assignor.)
- Gerlich, Franka, administratrix. (See Gerlich, Hermann E. G. T.)
- Gerlich, Hermann E. G. T., deceased, by F. Gerlich, administratrix, Ostropgaard, per Otterup, Fyn, Denmark. Bullet. 2,110,264; Mar. 8.
- Gerling, Arthur A., New York, N. Y. Doll eye construction. 2,116,346; May 3.
- Gerlofson, Carl H., Chicago, Ill. Upholstery. 2,141,271; Dec. 27.
- German, Elmer J., Interlaken, N. Y. Nest door. 2,118,189; May 24.
- Germanton, Charles E., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical recorder. 2,115,808; May 3.
- Germer, Edmund, Berlin-Wannsee, Germany. Electrical discharge device. 2,116,927; May 10.
- Germer, Edmund, Berlin, Germany. Applying luminescent colors on bodies consisting of glass or other material. 2,123,939; July 19.
- Germond, Henry S. (See Williams, Arthur E., assignor.)
- Germonprez, John A., Grosse Pointe Park, Mich., assignor to Barber-Colman Company, Rockford, Ill. Register. 2,135,810; Nov. 8.
- Germonprez, John A., Detroit, Mich., assignor, by mesne assignments, to Barber-Colman Company. Grille and making the same. 2,140,993; Dec. 20.
- Germandt, Waldo G., Berkeley, Calif. Fuel injection system. 2,139,155; Dec. 6.
- Gerngross, Otto, Yeni-Sehire, Turkey, and A. Callo, Bomhold, Germany. Material impermeable to ultra-violet rays and production thereof. 2,106,599; Jan. 25.
- Gerrans, William L., Jr., Santa Clara County, Calif. Tray loading device. 2,133,442; Oct. 18.
- Gerrard Company, The. (See Harvey, Herbert, assignor.)
- Gerrard Company, The. (See Harvey, Leo M., assignor.)
- Gerrard Industries Limited. (See Taplin, Harold J., assignor.)
- Gerrard Industries Limited. (See Wallis, Arthur R., and Cheesman, assignors.)
- Gerrard, William, Timperley, and W. Harris, Altrincham, assignors to Linotype and Machinery Limited, London, England. Apparatus for cooling curved stereotype printing plates. 2,120,176; June 7.
- Gerrard Wire Tying Machines Company Proprietary Limited. (See Gibbs, H. J. and T. A., and D. W. Bingham, assignors.)
- Gerritsen, Dirk J. (See de Nooij, J. C., Gerritsen, and Jucker.)
- Gerry, William, assignor to Shakespeare Products Company, Kalamazoo, Mich. Control device. 2,134,756; Nov. 1.
- Gerson, Kurt A., London, England. Preparing an oxygen-liberating composition. 2,120,643; June 14.
- Gerson, Morris W., Wichita Falls, Tex. Leak mending device. 2,123,105; July 5.
- Gerstein, Frank. (See Gardner, P., and Frank and H. Gerstein.)
- Gerstein, Frank and H., assignors to The Lever Bias machine Corporation, New York, N. Y. Bias cutting and wind-up apparatus. 2,128,481; Aug. 30.
- Gerstein, Harry. (See Gerstein, Frank and H.)
- Gersten, William, Brooklyn, N. Y. Cabinet. 2,104,321; Jan. 4.
- Gersten, William, Brooklyn, N. Y. Cabinet. 2,105,783; Jan. 18.
- Gersten, William, Brooklyn, N. Y. Clothing bag. 2,116,197; May 3.
- Gerted Corporation. (See Lichtenstein, Harry, assignor.)
- Gervasio, James J., and V. J. Bergstrom, Chicago, Ill., assignors to Superior Felt & Bedding Company. Davenport couch. 2,110,831; Mar. 8.
- Gerwe, Raymond D., Cincinnati, Ohio. Egg product and producing same. 2,138,737; Nov. 29.
- Gerwig, Oscar L., Pittsburgh, Pa. Chain connector. 2,104,193; Jan. 4.
- Gesellschaft des lechten Naxos-Schmirls Naxos-Union Schmirl-Dampferwerk, Frankfurt a. M., Julius Pfungst. (See Grundstein, Julius, assignor.)
- Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ebbighausen, Elmar, assignor.)
- Gesellschaft mit beschränkter Haftung. (See Callsen, Albert, assignor.)
- Gesellschaft zur Verwertung Fauth'scher Patente m. b. H. (See Fauth, Philipp L., assignor.)
- Geske, Carl W., Grand Rapids, assignor to Winters & Crampton Corporation, Grandville, Mich. Latch. 2,111,064; Mar. 15.
- Geske, Carl W., and G. E. DeVoe, Grand Rapids, assignors to Winters & Crampton Corporation, Grandville, Mich. Refrigerator latch. 2,129,926; Sept. 13.
- Gessford, Ross K., and D. D. Knowles, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid glow tube with zero temperature effect. 2,121,591; June 21.
- Gessler, Albert E., Ardley-on-Hudson, N. Y., assignor to Interchemical Corporation. Coloring and marking materials. 2,118,431; May 24.
- Gessler, Albert E., assignor to Interchemical Corporation, New York, N. Y. Coloring medium. 2,118,432; May 24.
- Gessler, Albert E., Yonkers, N. Y., assignor, by mesne assignments, to Interchemical Corporation, Cincinnati, Ohio. Printing ink. 2,128,672; Aug. 30.
- Gessler, Clara S., Beach Haven, N. J. Nonslip garment support. 2,107,731; Feb. 8.
- Gessler, Samuel, assignor to Chicago, Sales & Building Supply Co. (not inc.), Chicago, Ill. Wall or panel construction. 2,134,389; Oct. 25.
- Gessner, David, Worcester, Mass. Fulling and washing machine. 2,120,025; June 7.
- Gessner, David, Worcester, Mass. Method and apparatus for shrinking and drying cloth. 2,132,156; Oct. 4.
- Gessner, Ernst A., Ellerbek/Rellingen, near Hamburg, Germany. Pocket slide comb. 2,110,294; Mar. 8.
- Gessner, Ernst A., Aue, Germany. Valve. 2,114,921; Apr. 19.
- Getaz, James L., Maryville, Tenn. Presenting yarn. 2,110,795; Mar. 8.
- Getaz, James L., Maryville, Tenn. Fabric with rubber inlay and embroidery patterns and knitting same. 2,112,769; Mar. 29.
- Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric circuit protection. 2,122,794; July 5.
- Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Holding chamber for pasteurizing system. 2,138,402; Nov. 29.
- Getchell, Robert M., and R. K. Miller, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Motor compressor unit for refrigerating apparatus. 2,134,936; Nov. 1.



- Gettelman, Fredrick, Milwaukee, Wis. Removing coating from containers. 2,105,767; Jan. 18.
- Gettelman, Fredrick, Milwaukee, Wis. Condenser. 2,109,064; Feb. 22.
- Gettig, Joseph H., assignor to Clark Equipment Company, Buchanan, Mich. Axle and forming same. 2,133,091; Oct. 11.
- Gettig, Joseph H., assignor to Clark Equipment Company, Buchanan, Mich. Forming an axle housing. 2,133,092; Oct. 11.
- Gettinger, Joseph, Chicago, Ill. Television apparatus. 2,108,852; Feb. 22.
- Getty, Ralph J., Pittsburgh, assignor of one-half to A. L. Feller, Castle Shannon, Pa. Apparatus for manufacturing pottery articles. 2,139,362; Dec. 6.
- Getz, Emil L. (See Anderson, E. N., Getz, and Ulrich.)
- Geuder, Paeschke & Frey Co. (See Hois, Louis J., assignor.)
- Geuder Paeschke & Frey Co. (See Sladky, Alexander C., assignor.)
- Gevaert Photo-Producten, N. V. (See Schuller, A., and Tritsmans, assignors.)
- Gevaert Photo-Producten, N. V. (See Schuller, A., Tritsmans, and Hendrick, assignors.)
- Geveke, William, Utrecht, Netherlands. Grinding device. 2,114,106; Apr. 12.
- Geyer, Arthur, Chippenham, England. Continuous kiln. 2,131,418; Sept. 27.
- Geyer, Bertram B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. Re 20,656; Feb. 22.
- Geyer, Ernest H. (See Kerr, John W., assignor.)
- Geyer, Ernest H. (See Taubensee, Henry A., assignor.)
- Geyer, Ernest H., assignor of one-half to H. A. Taubensee, Chicago, Ill. Joint for concrete slabs. 2,116,697; May 10.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,110,482; Mar. 8.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Resilient mount for electric motors. 2,113,020; Apr. 5.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Resilient engine mount. 2,115,458; Apr. 26.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Freezing tray. 2,120,026; June 7.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,120,701; June 14.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,122,937; July 5.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch disk. 2,124,059; July 19.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automobile door lock-bolt. 2,125,779; Aug. 2.
- Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Transmission mount. 2,129,124; Sept. 6.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Bearing having a nonmetallic fabric lining and making same. 2,129,125; Sept. 6.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,132,750; Oct. 11.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Electric connector plug. 2,132,870; Oct. 11.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic clutch throw-out. 2,135,617; Nov. 8.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Electric push-in plug. 2,136,498; Nov. 15.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Ejecting device for freezing trays. 2,138,697; Nov. 20.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Peripheral resilient mount for electric motors. 2,141,648; Dec. 27.
- Geyer, Harvey D., A. H. Flower, and D. M. Phillippl, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Producing metal bonded friction material. 2,134,181; Oct. 25.
- Geyzer, Wilhelm, Berlin-Schmargendorf, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Bridge and similar connection for measuring alternating current. 2,110,523; Mar. 8.
- Geyzer, Wilhelm, Berlin-Schmargendorf, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. System for measuring alternating current quantities. 2,138,344; Nov. 20.
- Ghazal, Elle A., Marlon, S. C. Garment hanger. 2,108,853; Feb. 22.
- Ghiselin, Robert S., Chicago, Ill., assignor to Lewis-Howe Company, St. Louis, Mo. Display and shipping carton. 2,105,942; Jan. 18.
- Ghiselin, Robert S., Chicago, Ill., assignor to New Era Shirt Company, St. Louis, Mo. Display easel. 2,114,528; Apr. 19.
- Gholston, Jabez G., Washington, D. C. Current motor. 2,133,023; Oct. 11.
- Ghrist, David M., Glendale, Calif. Film holder. 2,121,225; June 21.
- Giacobbe, John. (See Santarelli, V., and Giacobbe.)
- Giaimo, Basilio, Jersey City, assignor of one-third to H. J. Arena, Union City, N. J. Testing device. 2,118,703; May 24.
- Giadini, Bruno T., assignor to Williams Manufacturing Company, Portsmouth, Ohio. Lasting conveyor. 2,114,486; Apr. 19.
- Giannini, Louis L., San Jose, Calif. Bottle vending machine. 2,138,232; Nov. 29.
- Giardina, Vincent, and A. Primos, assignors to American Safety Hook Co., Inc., New Orleans, La. Hook and eye door fastener. 2,117,159; May 10.
- Gibbins, Leslie B. (See Taylor, W. I., and Gibbins.)
- Gibbons, Alfred G., assignor to The Shaler Company, Waupun, Wis. Quick acting clamp. 2,126,767; Aug. 16.
- Gibbons, Harold R., Chatham, and R. J., Brittain, Jr., Bloomfield, N. J., assignors to General Motors Corporation, Detroit, Mich. Journal box. 2,133,024; Oct. 11.
- Gibbons, John P., Jr., and J. A. Davant, Hamlet, N. C. Accelerator pedal for motor vehicles. 2,123,299; July 12.
- Gibbons, Wayne, Camp Custer, Mich. Grenade and making the same. 2,109,479; Mar. 1.
- Gibbons, Willis A. (See Abbott, A. O., Jr., McNeill, Hazell, and Gibbons.)
- Gibbs, Benjamin H., Phoenix, Ariz. Bridge score and contract indicator. 2,134,039; Oct. 25.
- Gibbs, Harold J., T. A. and D. W. Bingham, Melbourne, assignors to Gerrard Wire Tying Machines Company Proprietary Limited, West Melbourne, Australia. Wire tying machine. 2,111,115; Mar. 15.
- Gibbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap. 2,107,179; Feb. 1.
- Gibbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap and sealed package. 2,131,945; Oct. 4.
- Gibbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap and package. 2,136,545; Nov. 15.
- Gibbs, John H., Framingham, Mass. Air conditioning apparatus. 2,119,207; May 31.
- Gibbs, Leon M., Birmingham, Ala., assignor to Tele-switch Corporation. Centralized mechanism for automatically indicating the position, identity, and movement of railway cars in the switchingyard. 2,131,946; Oct. 4.
- Gibbs, Owen S., Memphis, Tenn. Measuring apparatus. 2,129,055; Sept. 6.
- Gibbs, Robert C., Banstead, England, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation. 2,141,133; Dec. 20.
- Gibbs, William E., Milwaukee, Oreg. Saw tooth. 2,127,112; Aug. 16.
- Gibs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Plasticizers. 2,127,400; Aug. 16.
- Gibson, Earl S. (See Bachelet, A. E., and Gibson.)
- Gibson Electric Refrigerator Corporation. (See Rosebrook, H. E., and De Graw, assignors.)
- Gibson, Florian G., Palo Alto, assignor of one-third to R. Matheny, Oakland, Calif. Electric alarm switch. 2,105,113; Jan. 11.
- Gibson, Hal, Dallas, Tex., assignor to General Electric Company. Heat pump. 2,135,285; Nov. 1.
- Gibson, James N. (See Brigg, J. B., and Gibson.)
- Gibson, Milo S., assignor to R. W. Lotz, Chicago, Ill. Knock-down window guard structure. 2,117,950; May 17.
- Gibson, Milo S., assignor to R. W. Lotz, and himself, Chicago, Ill. Knockdown closure structure. 2,118,032; May 24.
- Gibson, Oliver E., assignor to United States Gypsum Company, Chicago, Ill. Sizing method and machine. 2,121,468; June 21.
- Gibson Patent Containers, Ltd. (See Page, John E.)
- Gibson Patent Containers Ltd. (See Powell, Thomas & Co.)
- Gibson, Samuel H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Tap bushing valve. 2,112,208; Mar. 22.
- Gibson, Samuel H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Awning arm. 2,123,828; July 12.
- Gibson, Thomas M., assignor to Evans Case Company, North Attleboro, Mass. Vanity case construction. 2,108,665; Feb. 15.
- Gibson, Thomas M., assignor to Evans Case Company, North Attleboro, Mass. Catalytic lighter element. 2,110,062; Mar. 1.
- Giddings, Fred M., Galesburg, Ill. Paint mixer. 2,130,542; Sept. 20.
- Giddings, Horace, San Francisco, Calif. Railway refrigerator car. 2,114,487; Apr. 19.
- Giddings, Horace, San Francisco, Calif. Car ventilator. 2,117,000; May 10.
- Giddings & Lewis Machine Tool Co. (See Gathliffe, Keith F., assignor.)
- Gibson Victor W., assignor to Hoyer Schultz Corporation, Chicago, Ill. Grinding machine. 2,114,343; Apr. 19.



- Gidley, William H., et al. (See Hill, David J., assignor.)
- Gielow, Elmer F., Kohler, Wis. Loaf-forming machine. 2,119,673; June 7.
- Gies, Heinrich, assignor to Bremer Woll-Kammerei, Blumen-thal (Unterweser), Germany. Method of and apparatus for preparing slivers. 2,137,908; Nov. 22.
- Giese, Henry. (See Bridgman, C. T., and Giese.)
- Giese, Henry, Ames, Iowa. Spark arrester. 2,133,506; Oct. 18.
- Giese, Hermann. (See Raspe, F., and Giese.)
- Giesen, Johann, H. Hanisch, and M. Dally, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Purifying crude methanol. 2,115,553; Apr. 26.
- Giesen, Paul. (See Grah, C. G., and Giesen.)
- Giesey, Russell H., Oklahoma City, Okla., assignor to B. L. Reed, Wichita, Kans. Fishing device for oil wells. 2,113,883; Apr. 12.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Temperature regulator for internal combustion engines. 2,137,136; Nov. 15.
- Giesler, Jean V., and J. E. Dube, assignors to The Fulton Sylphon Company, Knoxville, Tenn. Temperature regulator. 2,127,059; Aug. 16.
- Giffard, Whitney, assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,104,480; Jan. 4.
- Giffen, James F., London, Ontario, Canada. Denture construction. 2,118,555; May 24.
- Giffin, Harold W., Trenton, N. J. Joint. 2,135,048; Nov. 1.
- Giffin, Otho L., Worcester, Mass. Wire drawing machine. 2,114,632; Apr. 19.
- Gifford-Wood Company. (See Hallenbeck, Harold E., assignor.)
- Gift, Daniel R., Raleigh, N. C. Device for measuring volume with compressed air. 2,113,686; Apr. 12.
- Giger, Walter, Wauwatosa, and C. Peter, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Switching device. 2,105,455; Jan. 11.
- Gibon, Harry D., 3rd, Trenton, N. J. Hand luggage. 2,107,180; Feb. 1.
- Gil, Joseph V., Esher, England. Prime mover dynamo plant. 2,132,768; Oct. 11.
- Gil, Joseph V., Esher, England. Facilitating starting of internal combustion engines. 2,137,482; Nov. 22.
- Gilbert, A. C., Company, The. (See Anketell, Edward N., assignor.)
- Gilbert, A. C., Company, The. (See Gilbert, Alfred C., assignor.)
- Gilbert, A. C., Company, The. (See McLoughlin, James E., assignor.)
- Gilbert, A. C., Company, The. (See Rieg, Otto, assignor.)
- Gilbert, Alfred C., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Merchandising display stand. 2,106,839; Feb. 1.
- Gilbert, Alfred G., South Acton, assignor to Reece Folding Machine Company, Boston, Mass. Folding machine. 2,108,199; Feb. 15.
- Gilbert & Barker Manufacturing Company. (See De Lancey, Warren H., assignor.)
- Gilbert & Barker Manufacturing Company. (See Logan, Joseph A., assignor.)
- Gilbert & Barker Manufacturing Company. (See Logan, J. A., and De Lancey, assignors.)
- Gilbert, Chalmers W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,115,459; Apr. 26.
- Gilbert, Clara B. (See Bohannon, W. A., and Gilbert.)
- Gilbert, Harold H., Sacramento, Calif. Rail expansion joint. 2,106,705; Feb. 1.
- Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Electrolysis of fused salts. 2,111,264; Mar. 15.
- Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for the preparation of solutions. 2,125,274; Aug. 2.
- Gilbert, Harvey N., and I. J. Wernert, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Co., Wilmington, Del. Bleaching composition. 2,104,120; Jan. 4.
- Gilbert, Harvey N., and N. D. Clare, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal purification. 2,124,564; July 26.
- Gilbert, Henry D. (See Briggs, Joseph G., assignor.)
- Gilbert, Laura, Chicago, Ill. Heating cook stove. 2,104,617; Jan. 4.
- Gilbert, Lewis H., Boston, Mass. Making boots and shoes. 2,123,567; July 12.
- Gilbert, Reginald, San Francisco, Calif. Chromatic blender. 2,107,860; Feb. 8.
- Gilbert, Roswell W., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Automatic control system. 2,136,652; Nov. 15.
- Gilbert, Royce W., Brookline, Mass. Wall construction. 2,126,956; Aug. 16.
- Gilbert, Vaughn, et al. (See Davidson, Ashley A., assignor.)
- Gilchrist, Frederick W., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Valve. 2,114,900; Apr. 19.
- Giles, Dora T., executrix. (See Giles, Henry H.)
- Giles, George A., Bensenville, assignor of one-half to L. T. Barnett, Glencoe, Ill. Stylus facing sheet assembly. 2,106,481; Jan. 25.
- Giles, Henry H., deceased, Lincoln Place, Pa.; D. T. Giles, executrix. Polishing or grinding roll. 2,139,406; Dec. 6.
- Giles, Henry H., deceased, Lincoln Place, Pa.; D. T. Giles, executrix. Apparatus for grinding metallic articles. 2,139,952; Dec. 13.
- Giles, J. W., Inc. (See Giles, Joseph W., assignor.)
- Giles, Joseph W., assignor to J. W. Giles, Inc., Philadelphia, Pa. Tobacco feeding apparatus. 2,118,505; May 24.
- Gilg, Frank X., Elizabeth, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,134,713; Nov. 1.
- Gilgenbach, Leo, Malone, Wis. Clutch controlling tractor hitch. 2,129,574; Sept. 6.
- Gilkerson, Francis M., and P. H. Gilkerson, St. Louis, Mo. Shoe. 2,111,620; Mar. 22.
- Gilkerson, Francis M. and P. H., St. Louis, Mo. Heel construction for shoes. 2,135,135; Nov. 1.
- Gilkerson, Paul H. (See Gilkerson, Francis M. and P. H.)
- Gilkes, Gilbert, & Gordon Limited. (See Jackson, Ernest A., assignor.)
- Gilkey, George L., Merrill, Wis. Veneered door. 2,105,187; Jan. 11.
- Gilkey, William E., Anacortes, Wash. Rafting dog. 2,138,489; Nov. 29.
- Gill, Alan F., Ottawa, Ontario, Canada. Traffic marking device. 2,121,961; June 28.
- Gill, Edward H., assignor to A. A. Kramer, Kansas City, Mo. Combination tank and package delivery body. 2,119,742; June 7.
- Gill, Edward H., assignor to A. A. Kramer, Kansas City, Mo. Combination semitrailer tank and general delivery body. 2,135,573; Nov. 8.
- Gill, George A. (See Tyree, H. J., Talley, and Gill.)
- Gill Glass & Fixture Company. (See Register, Ramsay G., assignor.)
- Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Alloy steel tool. 2,105,114; Jan. 11.
- Gill, Leroy G., Detroit, Mich. Detachable screen for automobiles. 2,139,156; Dec. 6.
- Gill, Walter L., Redlands, Calif. Plate cushioning means for electric storage batteries. 2,113,938; Apr. 12.
- Gillard, Frank G., Ilford, assignor to Electric & Musical Industries Limited, Middlesex, England. Control and position indicator for rotatable elements. 2,137,684; Nov. 22.
- Gille, Benson D. (See Gillé, Earl S. and B. D.)
- Gillé, Earl S. and B. D., assignors of one-half to R. W. Spofford, Los Angeles, Calif. Sound recording system. 2,108,815; Feb. 22.
- Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motorized control system. 2,112,218; Mar. 22.
- Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electromagnetic valve. 2,114,961; Apr. 19.
- Gillen, Daniel A., Flushing, N. Y. Double manual and automatic shut-off valve. 2,137,685; Nov. 22.
- Gillen, George A., New York, N. Y. Fuel injector. 2,107,891; Feb. 8.
- Gillen, George A., New York, N. Y. Fuel injection pump. 2,133,813; Oct. 18.
- Gillen, George A., New York, N. Y. Electrical machine. 2,139,012; Dec. 6.
- Gillen, Joseph A., assignor to Copeman Laboratories Company, Flint, Mich. Fuel pump. 2,111,970; Mar. 22.
- Giller, Alexander. (See Berka, F., and Giller.)
- Gillespie, Durwin D., Wilmette, Ill. Oven. 2,134,474; Oct. 25.
- Gillespie, Jayson E., Lincoln, Nebr. Vehicle wheel tire. 2,137,670; Nov. 22.
- Gillespie, Percy J., London, England. Drawing-off slivers in combing machines, gill boxes, or other machines for preparing textile fibers for spinning. 2,112,337; Mar. 29.
- Gillespie, Percy J., London, England. Rectilinear fiber combing machine. 2,127,863; Aug. 23.
- Gillespie, Robert. (See Moir, Harry W., assignor.)
- Gillett, Edward H. J. C., Cannon Hill, London, England. Friction clutch. 2,110,265; Mar. 8.
- Gillett, Edward H. J. C., West Hampstead, London, England. Motor vehicle transmission and control system. 2,113,884; Apr. 12.
- Gillett, Edward H. J. C., London, England. Power clutch operator for motor vehicles and control means therefor. 2,114,221; Apr. 12.
- Gillett, Edward H. J. C., deceased, West Hampstead, London; H. Cohen, executrix, assignor to Reduction Gears Limited, London, England. Transmission system. Re. 20,792; July 12.
- Gillett, William, Detroit, Mich. Building assembly and cant strip. 2,137,889; Nov. 22.
- Gilllette, Elmon G., et al. (See Nagorny, Boris A., assignor.)
- Gillette, LaVergne W., assignor to The Shaw-Walker Company, Muskegon, Mich. Multi-index-insert card for filing systems. 2,135,708; Nov. 8.



- Gillette, Robert T., Scotia, N. Y., assignor to General Electric Company. Resistance butt welding. 2,114,837; Apr. 19.
- Gillette Rubber Company. (See Krause, A. R., Hutchens, Cullen, and Hirsch, assignors.)
- Gillette Safety Razor Company. (See Bowen, Joseph M., assignor.)
- Gillette Safety Razor Company. (See Currie, Joseph S., assignor.)
- Gillette Safety Razor Company. (See Holtzman, John, assignor.)
- Gillette Safety Razor Company. (See Lewando, Felix J., assignor.)
- Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
- Gillette Safety Razor Company. (See Pierce, Melbourne H., assignor.)
- Gillette Safety Razor Company. (See Smith, T. L., and Testi, assignors.)
- Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
- Gillette, Walter I., and A. W. Dusseault, Haverhill, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,112,884; Apr. 5.
- Gilliam, Richard O. (See Simmons, J. T., and Gilliam.)
- Gilliam, Thomas B., Miami, Fla. Ice making method and apparatus. 2,117,658; May 17.
- Gillican, Charles C., Homerville, Ga. Packaging rosin. 2,127,401; Aug. 16.
- Gillican, Charles C., Homerville, Ga. Packaging rosin. 2,127,402; Aug. 16.
- Gilliland, Lester L., Blue Island, Ill. Draft control system. 2,130,491; Sept. 20.
- Gilliland, Theodore R., Washington, D. C. Closure. 2,107,244; Feb. 1.
- Gillis, Charles C., assignor to Gillis Counter Co. Incorporated, Lynn, Mass. Machine for operating on counters. 2,141,134; Dec. 20.
- Gillis Counter Co. Incorporated. (See Gillis, Charles C., assignor.)
- Gillis, George H., Fitchburg, Mass. Locking device for removable heels. 2,125,158; July 26.
- Gillis, Randall. (See Kagi, W. W., and Gillis.)
- Gillis, Randall, La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Treating magnetic materials. 2,110,974; Mar. 15.
- Gillmor, Reginald E., Great Neck, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Ball gyro horizon. Re. 20,701; Apr. 19.
- Gillon, Elam R. (See Deiters, A. M., and Gillon.)
- Gillord Corporation, The. (See Bleakley, Purling A., assignor.)
- Gillon, Joseph L. (See Lenher, S., and Gillson.)
- Gillon, Joseph L., and C. T. Mentzer, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation process. 2,112,362; Mar. 29.
- Gilman, Arthur H., Spokane, Wash. Arch support. 2,113,133; Apr. 5.
- Gilman Fanfold Corporation. (See Anderson, James W., assignor.)
- Gilman Fanfold Corporation. (See Fleming, John S., assignor.)
- Gilman Fanfold Corporation. (See Kelly, Bernard A. I., assignor.)
- Gilman Fanfold Corporation. (See Mabon, Carl R., assignor.)
- Gilman Fanfold Corporation. (See Simonson, William F., assignor.)
- Gilman, Max C., Brooklyn, N. Y. Tap dancing device. 2,113,477; Apr. 5.
- Gilman, Norman H., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Making bronze faced bearings. 2,124,060; July 19.
- Gilman, Norman H., Indianapolis, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making bearings. 2,130,461; Sept. 20.
- Gilman, Norman H., Indianapolis, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing. 2,130,462; Sept. 20.
- Gilman, Orville J., Manhattan, Kans. Selected speed regulator. 2,129,575; Sept. 6.
- Gilman, Wilbert M., Cambridge, Mass. Power operated mechanism. 2,127,293; Aug. 16.
- Gilmer, L. H., Co. (See Geare, Randolph E. S., assignor.)
- Gilmore, Gordon M., assignor to Los Angeles Steel Casting Company, Ltd., Los Angeles, Calif. Sheep foot tapper. 2,131,947; Oct. 4.
- Gilmore, Harry R., Steubenville, Ohio. Railroad crossing gate. 2,126,545; Aug. 9.
- Gilmore, Howard, Brookline, Mass. Decimal point indicating mechanism for slide rule computations. 2,117,413; May 17.
- Gilmore, John L., Kansas City, Mo. Antenna bracket and antenna. 2,123,414; July 12.
- Gilmore, Otto C., Los Angeles, Calif., assignor, by mesne assignments, to Cinemascope Corporation, Chicago, Ill. Apparatus for making color motion pictures and cameras therefor. Re. 20,678; Mar. 20.
- Gilmore, Otto C., Van Nuys, Calif., assignor, by mesne assignments, to Cinemascope Corporation, New York, N. Y. Camera attachment. 2,137,570; Nov. 22.
- Gilmore, William E., Detroit, Mich., assignor of one third to S. H. Lilly, Toledo, Ohio. Storage and delivery apparatus. 2,137,822; Nov. 22.
- Gilowitz, Benjamin, assignor of one-fourth to C. M. Wolf and one-eighth to A. Friedberg, New York, N. Y. Cooking utensil. 2,131,658; Sept. 27.
- Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Corrugated wall for railway cars. 2,107,861; Feb. 8.
- Gilpin, Garth G., Riverside, Ill., assignor to Standard Railway Equipment Company, Chicago, Ill. Bunker for railway refrigerator cars. 2,107,862; Feb. 8.
- Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Wall structure for railway cars. 2,121,288; June 21.
- Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car coupler centering device. 2,129,173; Sept. 6.
- Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,113,982; Apr. 12.
- Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,113,983; Apr. 12.
- Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Battery charging apparatus. 2,139,330; Dec. 6.
- Gilston, Jacob. (See Schlanger, B., and Gilston.)
- Gitkey, Siegfried F. (See Walker, W. J., and Gitkey.)
- Gimonet, Alexandre, New York, N. Y., assignor to Maurice Gimonet. Cosmetic container. 2,111,767; Mar. 22.
- Gimonet, Maurice. (See Gimonet, Alexandre, assignor.)
- Gitson & Co. (Leicester) Limited. (See Clarke, Arthur, assignor.)
- Ingell, Harry, Johnson City, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rack. 2,124,656; July 26.
- Gingrich, Hiram E. (See McDaniel, B. P., and Gingrich.)
- Ginman, Alvar T., Parlin, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Inscribing photosensitive elements. 2,140,525; Dec. 20.
- Ginn, Earl, North Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Intake manifold. 2,137,802; Nov. 22.
- Ginsberg, Bernard. (See Thiele, E. W., and Ginsberg.)
- Ginsberg, Charles W., Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y. Control device for printing machines. 2,126,681; Aug. 9.
- Ginter, Karl and T. Ginter, New York, N. Y. Ornamentation and decoration of sheet metal articles. 2,125,107; July 26.
- Ginter, Theodor. (See Ginter, Karl, and T.)
- Giordano, Joseph, Nanuet, N. Y. Railway tank car heating apparatus. 2,136,738; Nov. 15.
- Giovannoli, Harry, executor. (See Giovannoli, Robert K.)
- Giovannoli, Robert K., deceased, by H. Giovannoli, executor, Lexington, Ky. Actuating an airplane retractable landing gear. 2,138,030; Nov. 29.
- Girard, Adelaide B., et al. (See Jones, Harrison A. L., assignor.)
- Girard, Arthur M., et al. (See Jones, Harrison A. L., assignor.)
- Girard, Leo T., Tecumseh, Ontario, Canada. Counterbalancing device for window sashes. 2,112,650; Mar. 29.
- Girard, René, assignor to Compagnie des Avions Hanriot, Paris, France. Control device for the flaps of aircraft. 2,127,864; Aug. 23.
- Girard Trust Company et al., executors. (See Sedgley, Reginald F.)
- Girardin, Louis, Zola-Saint Ouen, France, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Signaling apparatus more particularly for railways. 2,117,313; May 17.
- Girardin, Louis, Paris, France, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Device for the repetition of signals on a vehicle. 2,139,157; Dec. 6.
- Girdler Corporation, The. (See Bottoms, Robert R., assignor.)
- Girdler Corporation, The. (See Herron, Albert E., assignor.)
- Girl, Christian. (See Caldwell, Stuart H., assignor.)
- Girl, Christian, assignor to Kelch Heater Company, Detroit, Mich. Knee rest for automobiles. 2,133,443; Oct. 18.
- Girl, Christian, and S. H. Caldwell, Detroit, and W. E. Dunston, Pleasant Ridge, Mich.; said S. H. Caldwell and W. E. Dunston, assignors to said C. Girl. Speed control device. 2,111,284; Mar. 15.
- Girling, Albert H. G. (See Pratt, J. H., Manley, and Girling.)
- Girodin, Marius E., Quimper, France. Machine for the manufacture of biscuits. 2,106,633; Jan. 23.
- Girouard, Nello J., San Francisco, Calif. Elevator control system. 2,115,201; Apr. 26.
- Gish, Daniel B., West Springfield, Mass. Hose. 2,128,814; Aug. 30.
- Gish, Harold S., Lincoln, Neb. Collapsible tube and making the same. 2,136,007; Nov. 8.
- Gisholt Machine Company. (See Senger, Werner I., assignor.)
- Gitelson, Milton. (See Kramer, E., Shields, and Gitelson.)



- Githens, Otto W., and G. Kende, New York, and E. M. Porter, Brooklyn, assignors, by mesne assignments, to Universal Camera Corporation, New York, N. Y. Motion picture camera. 2,133,743; Oct. 18.
- Gits, Remi J. (See Miller, Royal R., assignor.)
- Gittings, William L., and N. N. Brown, assignors to Gold Medal Folding Furniture Company, Racine, Wis. Litter. 2,133,692; Oct. 18.
- Gittings, William N. (See Bany, H., and Gittings.)
- Gittler, Joseph W., Philadelphia, Pa. Mourning band attachment for wedding rings. 2,128,644; Aug. 30.
- Gitzendanner, Louis, Richmond Hill, N. Y. Thermostatic mixing valve. 2,138,852; Dec. 6.
- Gitzendanner, Louis, Richmond Hill, N. Y. Thermostatic mixing valve. 2,138,853; Dec. 6.
- Gluffre, Joseph, San Jose, Calif. Nonslip sandal. 2,114,421; Apr. 19.
- Giuntini, Bruno, Alger, France. Measuring apparatus for boot and shoe makers. 2,140,740; Dec. 20.
- Giusto, Nicola, New York, N. Y. Cushioning sole and heel element for footwear. 2,128,134; Aug. 23.
- Givaudan-Delawanna, Inc. (See Carpenter, Marion S., assignor.)
- Given, Fred H., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring expander. 2,104,225; Jan. 4.
- Given, Frederick J., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Condenser. 2,129,000; Sept. 6.
- Given, Ralph D., Leamington, England, assignor to General Electric Company. Speed regulation. 2,111,423; Mar. 15.
- Givens, John W. (See Yabroff, D. L., and Givens.)
- Givens, Robert. (See Campbell, W. A., and Givens.)
- Givren, James C., Brockton, Mass. Making cushion soles. 2,125,238; July 26.
- Glab, William N., assignor to Morrison Brothers Company, Dubuque, Iowa. Cap and adapter for same. 2,117,473; May 17.
- Glberman, Philip. (See Schoenbaum, Joseph R., assignor.)
- Glacier Metal Company Limited, The. (See Bate, John, assignor.)
- Glacier Metal Company Limited, The. (See Bate, J., and Melhuish, assignor.)
- Glacy, Edward W., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Coaster brake and mounting. 2,113,177; Apr. 5.
- Gladding, Ernest K., Buffalo, N. Y., and D. B. Maney, Old Hickory, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Product and preparing same. 2,122,418; July 5.
- Gladding-McBean & Co. (See Pearne, F. Y., and Packt, assignors.)
- Glade, George H., Jr. (See Martin, Earl, assignor.)
- Gladstone, Arthur, assignor to The Han-Dee Manufacturing Corp., Hartford, Conn. Battery terminal clamp. 2,121,629; June 21.
- Gladstone, Matthew, Brooklyn, N. Y. Display stand for collars. 2,129,927; Sept. 13.
- Gladstone, Newton A., Forest Hills, N. Y. Grip strip for pants and other garments. 2,137,396; Nov. 22.
- Gladstone, William D., New York, assignor to The Fred. Gretsch Manufacturing Co., Brooklyn, N. Y. Musical tuning device. 2,132,105; Oct. 4.
- Glaenger, Harry, Philadelphia, Pa. Locomotive. 2,118,042; May 24.
- Glafke, Ludlow B., Salt Lake City, Utah. Traffic semaphore. 2,119,049; May 31.
- Glamos, Paul, St. Paul, Minn. Rocking horse. 2,111,891; Mar. 22.
- Glancy, Warren E., Waltham, assignor to Hood Rubber Company, Inc., Watertown, Mass. Adhesive composition. 2,129,126; Sept. 6.
- Glanz, Victor, Chicago, Ill. Stereoscopic moving picture device. 2,111,065; Mar. 15.
- Glas, Maurus, Schmalkalden-Naherstille, assignor of one-half to Gebrüder Heller, Schmalkalden, Thuringia, Germany. Tongs. 2,133,984; Oct. 25.
- Glascock Brothers Mfg. Co. (See Baker, R. E., and Amburn, assignors.)
- Glasgow, Ernest M., Towaco, N. J., assignor to Feedrail Corporation, New York, N. Y. Electric trolley construction. 2,128,135; Aug. 23.
- Glasmann, Georgia G., Washington, D. C. Heat resisting apron for beauty parlors. 2,114,922; Apr. 19.
- Glasner, Rudolph W., Chicago, Ill. Frictional motion controlling element. 2,108,059; Feb. 15.
- Glasner, Rudolph W., Chicago, Ill. Press. 2,120,356; June 14.
- Glasner, Rudolph W., Chicago, Ill. Drawing press. 2,120,402; June 14.
- Glasner, Rudolph W., and E. K. Johansen, Chicago, Ill.; said Johansen assignor to said Glasner. Press. 2,133,444; Oct. 18.
- Glass, Alexander, assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Soundproof wall structure and structural member for use therein. 2,121,962; June 28.
- Glass, David L., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,112,285; Mar. 29.
- Glass, Hugh B., assignor, by mesne assignments, to T. Swann, Birmingham, Ala. Producing isopulegol. 2,117,414; May 17.
- Glass, John V. S., Sutton Weaver, near Warrington, and B. W. Hirsh, Runcorn, England, assignors to Imperial Chemical Industries, Limited. Manufacture of gelatin. 2,132,822; Oct. 11.
- Glass, Myron S., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,139,678; Dec. 13.
- Glasscock, John E., Oklahoma City, Okla. Locking stop valve. 2,106,092; Jan. 18.
- Glaser, Heinrich, Munich, and J. Gröbl, Solln, near Munich, assignors to Bayernwerk A.-G., Munich, Germany. Electrical overhead cable. 2,138,420; Nov. 29.
- Glassine Paper Company, The. (See Connor, Cornelius M., assignor.)
- Glassman, Jacob A., Chicago, Ill. Saccharine-aspirin tablet. 2,134,714; Nov. 1.
- Glauber, John J., West Orange, N. J. Closure for collapsible tubes. 2,135,178; Nov. 1.
- Glauber, John J., assignor to Arcturus Development Company, Newark, N. J. Thermionic tube construction. 2,137,571; Nov. 22.
- Gleadall, Leslie R., Bankstown, New South Wales, Australia. Balance adjustment for tennis racquets. 2,121,289; June 21.
- Gleason, Anthony H. (See Bartlett, J. H., and Gleason.)
- Gleason, Anthony H., Elizabeth, N. J., assignor to Standard Oil Development Company. Improved lubricants and manufacturing the same. 2,106,247; Jan. 25.
- Gleason, Charles, Detroit, Mich. Rotary gas engine. 2,112,770; Mar. 29.
- Gleason, George A. (See Brickman, A. E., and Gleason.)
- Gleason, George A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Manufacture of flexible conduit. 2,104,121; Jan. 4.
- Gleason, George A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Retainer for reel lagging. 2,109,170; Feb. 22.
- Gleason, George A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Flexible conduit. 2,126,955; Aug. 16.
- Gleason, James E., assignor to Gleason Works, Rochester, N. Y. Cutter for and method of cutting gears. 2,126,004; Aug. 9.
- Gleason, James E., assignor to Gleason Works, Rochester, N. Y. Gear cutter. 2,129,056; Sept. 6.
- Gleason, Stanley F., Philadelphia, Pa. Meat processing and molding device. 2,107,329; Feb. 8.
- Gleason, Stanley F., Philadelphia, Pa., assignor to Ham Boiler Corporation, Port Chester, N. Y. Meat processing and molding device. 2,105,941; Jan. 18.
- Gleason, Stanley F., Philadelphia, assignor of one-half to L. Necho, Lansdowne, Pa. Coupling and repair link. 2,123,889; July 19.
- Gleason, William W., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Upholstery spring assembly. 2,105,115; Jan. 11.
- Gleason, William W., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Spring assembly for upholstery. 2,122,979; July 5.
- Gleason, William W., assignor to Nachman Springfilled Corporation, Chicago, Ill. Spring assembly. 2,124,695; July 26.
- Gleason, William W., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Spring assembly for upholstery. 2,134,363; Oct. 25.
- Gleason Works. (See Candee, Allan H., assignor.)
- Gleason Works. (See Carlsen, Leonard O., assignor.)
- Gleason Works. (See Condon, Robert S., assignor.)
- Gleason Works. (See Galloway, Clarence T., assignor.)
- Gleason Works. (See Gleason, James E., assignor.)
- Gleason Works. (See Johanson, Magnus H., assignor.)
- Gleason Works. (See McMullen, F. E., and Slayton, assignors.)
- Gleason Works. (See Wildhaber, Ernest, assignor.)
- Gleason Works. (See Wildhaber, E., and Candee, assignors.)
- Gleave, Wilfrid W., Widnes, England, assignor to Imperial Chemical Industries Limited. Manufacture of halogenated derivatives of methane. 2,104,695; Jan. 4.
- Gleich, Fritz., Weil-in-the-Dorf, near Stuttgart, Germany. Shearing machine. 2,125,556; Aug. 2.
- Gleichmann, Hans, Falkenhain, near Spandau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Power plant. 2,106,346; Jan. 25.
- Gleitsman, Harold, Cedarhurst, N. Y. Clothes hamper. 2,120,661; June 14.
- Gleitsman, Harold, Cedarhurst, N. Y. Interconnecting support. 2,126,630; Aug. 9.
- Glemby Company, The. (See Hitzgrath, Paul, assignor.)
- Glenn, Coulter E., Evans City, and H. S. Glenn, Oakmont, Pa. Voting machine. 2,141,603; Dec. 27.
- Glenn, Harvey S. (See Glenn, Coulter E. and H. S.)
- Glenn, James A., Lander, Wyo. Land leveler. 2,141,690; Dec. 27.
- Glenn, Marlow, assignor of one-half to W. Hewitt, Longmire, Wash. Thermostatic faucet. 2,110,952; Mar. 15.
- Glenn, Russell P., Abilene, Tex. Rotary steam engine. 2,117,951; May 17.
- G., J., and V., Watertown, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bufling compositions. 2,119,159; May 31.



- Glennon, Edward J., assignor of one-half to T. B. Steffanson, Chicago, Ill. Card game practice apparatus. 2,112,983; Apr. 5.
- Glenzinski, Edward R., assignor of one-half to S. D. J. Bruski, Winona, Minn. Hydraulic transmission mechanism. 2,122,938; July 5.
- Gleockler, Albert. (See Gleockler, Frederick S., A., and F. M.)
- Gleockler, Frederick M. (See Gleockler, Frederick S., A., and F. M.)
- Gleockler, Frederick S., A., and F. M., Camden County, N. J. Automatic motor fuel control. 2,108,710; Feb. 15.
- Glick, Bella C., New York, N. Y. Hair-stay cap. 2,128,358; Aug. 30.
- Glidden Company, The. (See Bosley, David A., Jr., assignor.)
- Glidden Company, The. (See Cherry, Oscar A., assignor.)
- Glidden Company, The. (See Drapeau, Joseph E., Jr., assignor.)
- Glidden Company, The. (See Ingraham, Dean C., assignor.)
- Glidden Company, The. (See Klinker, Louis G., assignor.)
- Glidden Company, The. (See Moore, C. G., and Zucker, assignors.)
- Glidden Company, The. (See Mowlds, Kenneth S., assignor.)
- Glidden Company, The. (See O'Brien, J. J., and Juredine, assignors.)
- Glidden Company, The. (See Schuler, Elmer B., assignor.)
- Glidden Company, The. (See Turnbull, Edward D., assignor.)
- Glidden, Harvey L., Lexington, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting block. 2,115,507; Apr. 26.
- Gliddon, Gordon H. (See Ames, A., Jr., and Gliddon.)
- Gliddon, Gordon H. (See Ames, A., Jr., Gliddon, and Ogle.)
- Glietenberg, Eugen. (See Kollmann, T., and Glietenberg.)
- Glinnsmann, Walter F., Jersey City, N. J., assignor to American Cyanamid Company, New York, N. Y. Coloring coal. 2,129,901; Sept. 13.
- Gliwa, Michael, Chicago, Ill. Extensible airplane wing. 2,137,047; Nov. 15.
- Globe American Corporation. (See Borgfeldt, Frederic R., assignor.)
- Globe American Corporation. (See Hill, Dewey H., assignor.)
- Globe Casket Manufacturing Co. (See White, Byron E., assignor.)
- Globe Company, The. (See Biedermann, Oscar, assignor.)
- Globe Machine & Stamping Company, The. (See Eyring, Herbert, assignor.)
- Globe Machinery & Supply Company. (See Thompson, Elmer B., assignor.)
- Globe Oil Tools Company. (See Abegg, Walter A., assignor.)
- Globe Oil Tools Company. (See Catland, Alfred C., assignor.)
- Globe Oil Tools Company. (See Catland, A. C., and Efronson, assignors.)
- Globe Oil Tools Company. (See Howard, J. H., and Catland, assignors.)
- Globe Oil Tools Company. (See Howard, J. H., and Efronson, assignors.)
- Globe Oil Tools Company. (See Ragsdale, John B., assignor.)
- Globe Oil Tools Company. (See Ragsdale, J. B., and Goodwin, assignors.)
- Globe Oil Tools Company. (See Smetherman, Jesse C., assignor.)
- Globe Steel Tubes Co. (See Ihrig, Harry K., assignor.)
- Globe Tailoring Company, The. (See Cahn, Louis, assignor.)
- Globe-Union Inc. (See Coldwell, John S., assignor.)
- Globe-Union Inc. (See Coldwell, J. S., and Zimmerman, assignors.)
- Globe-Union Inc. (See Ehlers, George M., assignor.)
- Globe-Union Inc. (See Stockle, Erwin R., assignor.)
- Globe-Wernicke Company, The. (See Hearn, T., and McKee, assignors.)
- Globe-Wernicke Co., The. (See Miskella, William J., assignor.)
- Globe-Wernicke Company, The. (See Schmitz, Fred A., assignor.)
- Globe Wireless Ltd. (See Pelmulder, C., and Storm, assignors.)
- Globe Corporation, The. (See Fred, John, Jr., assignor.)
- Gloor, Walter E., assignor to Hercules Powder Company, Wilmington, Del. Bottle cap. 2,105,768; Jan. 18.
- Gloor, Walter E., assignor to Hercules Powder Company, Wilmington, Del. Cellulose acetobutyrate lacquers. 2,111,446; Mar. 15.
- Gloor, Walter E., Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,128,136; Aug. 23.
- Gloor, Walter E., South River, N. J., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter. 2,136,499; Nov. 15.
- Glose, Raymond P., Allentown, Pa. Coupler for hubl cutters. 2,129,682; Sept. 13.
- Glossbrenner, George L., Chicago, Ill. Nursing bottle nipple. 2,125,338; Aug. 2.
- Glossmann, Gustav, Beuthen, Germany. Belt conveyer. 2,127,643; Aug. 23.
- Glougie, Bert S., assignor to Baldwin Rubber Company, Pontiac, Mich. Curing apparatus. 2,134,364; Oct. 25.
- Glouton, Paul, Philadelphia, Pa. Micrometer gauge. 2,104,194; Jan. 4.
- Glover, Earl F. (See Boyle, J. F., and Glover.)
- Glover, H. B., Company. (See Garrison, Harry E., assignor.)
- Glover, H. B., Company. (See Nelson, Elias W., assignor.)
- Glover, Ida W., et al. (See Eaton, Roland D., assignor.)
- Glover, John, Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J. Floor polishing device. Re. 20,657; Feb. 22.
- Glover, John, Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J. Wall duster. 2,121,911; June 28.
- Glover, John, Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J. Mop. 2,121,912; June 28.
- Glover, John, Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J. Powder dispensing can. 2,139,158; Dec. 6.
- Glover, John L. R., et al. (See Sinitzin-White, Nicholas, assignor.)
- Glover, W. T., and Company Limited. (See Beaver, C. J., and Davey, assignors.)
- Glover, W. T., and Company Limited. (See Farmer, C. S., Beaver, and Fairfield, assignors.)
- Glover, William G., London, England. Launching and beaching of aircraft. 2,108,747; Feb. 15.
- Glynn, Guilford C., Cleveland, Ohio. Water softening device. 2,137,755; Nov. 22.
- Glynn, William, Chicago, Ill. Flush valve. 2,123,356; July 12.
- Glowka, Martin, New York, N. Y. Sanitary ash can and garbage can. 2,114,800; Apr. 19.
- Gluck, Harold, New York, N. Y. Exploring mirror construction. 2,130,388; Sept. 20.
- Gluhareff, Serge, Stratford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Resilient engine mount. 2,121,429; June 21.
- Gluth, Robert, and W. Kellermann, Nuremberg, Germany; said Gluth assignor to said Kellermann. Toy vehicle. 2,108,584; Feb. 15.
- Gnädinger, Charles B., Minneapolis, Ind. Insecticides. 2,105,727; Jan. 18.
- Gnavi, Aldo, Turin, Italy, assignor, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure motor and locking means therefor. 2,130,618; Sept. 20.
- Goad, Louis C., Flint, Mich., and R. Haubursin and E. W. Beekman, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Molding machine. 2,129,127; Sept. 6.
- Goalwin, Harry A., Togus, Maine. Automobile body construction. 2,134,784; Nov. 1.
- Goates, Lafayette T., Tulsa, Okla. Engine valve actuating device. 2,104,122; Jan. 4.
- Gobatti, Edmond F., Pueblo, assignor to National Cable, Inc., Pueblo, Colo. Pipe cleaning device. 2,117,659; May 17.
- Gobeille, Alfred A., Sr., Shannock, R. I. Cushioning device. 2,136,077; Nov. 8.
- Göbel, Kraft, Guben, Germany. Machine for treating resilient material. 2,107,607; Feb. 8.
- Goberau, Robert R., Le Parc du Perreux, France. A screw with automatically variable pitch. 2,113,478; Apr. 5.
- Goble, John W., Gosport, Ind. Milk cooler. 2,109,694; Mar. 1.
- Goby, Clifford S. (See Stevenson, T., and Goby.)
- Gochel, Urban F., assignor to The Egly Register Company, Dayton, Ohio. Quick-setting adjustable punching apparatus. 2,116,391; May 3.
- Gochel, Urban F., assignor to The Egly Register Company, Dayton, Ohio. Printing machine. 2,136,683; Nov. 15.
- Godeaux, Leon G., R. H. Dietz, and R. H. McElroy, Chicago, Ill., assignors of one-fourth to R. C. Lohman. Signal. 2,141,213; Dec. 27.
- Goddard, Alvin C. (See De Matties, A., and Goddard.)
- Goddard, Arthur L., Chicago, Ill. Magnetic reciprocating hammer. 2,117,880; May 17.
- Goddard, Francis M., Denver, Colo. Key cutting machine. 2,114,597; Apr. 10.
- Goddard & Goddard Company. (See Head, Ernest C., assignor.)
- Goddard, Joseph F., Canfield, Ohio. Repair clamp for dresser couplings. 2,127,627; Aug. 23.
- Goddard, Robert H., Roswell, N. Mex. Reinforced construction for light hollow members. 2,109,529; Mar. 1.
- Goddard, Robert H., Roswell, N. Mex. Cooling jacket construction. 2,122,321; July 5.
- Goddard, Robert H., Worcester, Mass. Seal for centrifugal pumps. 2,127,865; Aug. 23.
- Godeau, Louis. (See Rivin, C., and Godeau.)
- Gödecke, Will, Witten-Ruhr, and W. Guertler, Berlin Dahlem, assignors to Dogen Aktiengesellschaft (Auerge sellschaft), Berlin, Germany. Heat resistant alloys. 2,105,283; Jan. 11.



- Godenne, Jean, Anzin, France. Furnace lining, especially of highly heated metallurgical furnaces and particularly to linings of furnace gas ports. 2,134,248; Oct. 25.
- Godfrey, Anice L. (See Smith, Bertha O., assignor.)
- Godfrey, Edward C., Detroit, Mich. Electric light fixture. 2,113,134; Apr. 5.
- Godfrey, Fanny M., Tarrytown, N. Y., and R. W. Floyd, Bloomfield, N. J.; said Floyd assignor to said Godfrey. Tonic food product and making same. 2,105,477; Jan. 18.
- Godfrey, Samuel M., Sharon, Pa. Fish-scaling machine. 2,128,607; Aug. 30.
- Godfrey, Sir George, and Partners Limited. (See Theed, William D. L., assignor.)
- Godfrey, Truman M., Winchester, Mass., assignor to Lever Brothers Company. Can top label. 2,120,403; June 14.
- Godfrey, Truman M., Winchester, and W. J. Paterson, Chestnut Hill, Mass., assignors to Lever Brothers Company. Producing edible substances. 2,123,332; July 12.
- Godfried, Hiram J., Milwaukee, Wis. Lock and latch. 2,117,715; May 17.
- Godley, Charles E. (See Arbuckle, S. F., Coulter, and Godley.)
- Godlewicz, Marian. (See Pilat, S., and Godlewicz.)
- Godley, Charles E. (See Coulter, G. H., and Godley.)
- Godley, Charles E., Ferndale, assignor to United Lens Corporation, Detroit, Mich. Lamp construction. 2,108,286; Feb. 15.
- Godowsky, Leopold, Jr. (See Mannes, L. D., and Godowsky.)
- Godowsky, Leopold, Jr. (See Mannes, L. D., Godowsky, and Peterson.)
- Godoy, Humbert, Philadelphia, Pa. Display device. 2,122,250; June 28.
- Godsey, Frank W., Jr., assignor to Sprague Specialties Company, North Adams, Mass. Electrical condenser. 2,133,744; Oct. 18.
- Godsey, Frank W., Jr., North Adams, and R. C. Sprague, Williamstown, assignors to Sprague Specialties Company, North Adams, Mass. Variable condenser. 2,118,190; May 24.
- Godshalk, Russell L. (See Hardgrove, R. M., Shellenberger, Heller, and Godshalk.)
- Godson, Reginald G., Toronto, Ontario, Canada. Building structure. 2,128,137; Aug. 23.
- Godwin, Luther L., Meridian, Miss. Agricultural implement. 2,136,129; Nov. 8.
- Goebel, George, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Machine for making and applying plastic gaskets. 2,113,111; Apr. 5.
- Goebels, Paul, Dessau, Germany. Method and apparatus for mixing finely divided material. 2,125,913; Aug. 9.
- Goebert, Elmer C. (See Lucht, V. F., and Goebert.)
- Goeckel, Rudolph F., Elyria, Ohio, assignor to The Pfaunder Co., Rochester, N. Y. Closure. 2,137,483; Nov. 22.
- Goedike, John G., San Antonio, Tex. Water feed for rotary offset and lithographic presses. 2,106,732; Feb. 1.
- Goedike, John G., San Antonio, Tex. Dual purpose distributing system for rotary offset and lithographic presses. 2,110,216; Mar. 8.
- Goedike, John G., San Antonio, Tex. Dampening system for lithographic and analogous presses. 2,126,768; Aug. 16.
- Goedrich, Paul, Fanwood, N. J., assignor to William R. Warner & Co., Inc., New York, N. Y. Germicides and making the same. 2,121,029; June 21.
- Goehler, Elmer E., Portland, Ore. Fuel oil burner. 2,117,881; May 17.
- Goehler, Elmer E., assignor to Vortex Manufacturing Company, Portland, Ore. Tank fitting. 2,122,227; June 28.
- Goehler, Elmer E., assignor to Vortex Manufacturing Company, Portland, Ore. Water heater. 2,122,228; June 28.
- Goehner, William R., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic camera. 2,129,001; Sept. 6.
- Goehring, Edward E. (See Gourley, W. J., Barney, and Goehring.)
- Goehring, Francis R., assignor to H. Belfield Company, Philadelphia, Pa. Valve. 2,110,859; Mar. 15.
- Goehring, William E., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Bank vault ventilator. 2,117,244; May 10.
- Goehring, William E., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Time lock. 2,140,698; Dec. 20.
- Goemann, Henry L. (See Cykajlo, Peter, assignor.)
- Goepel, Arthur H., and P. F. Donahue, Waterbury, Conn. Coupling connection for pipe joints and making same. 2,131,509; Sept. 27.
- Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,111,321; Mar. 15.
- Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,127,801; Aug. 23.
- Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,140,741; Dec. 20.
- Goepfrich, Rudolph A., assignor to Bendix Corporation, South Bend, Ind. Brake. 2,140,742; Dec. 20.
- Goepf, Rudolph M., Jr., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Cast synthetic resinous products and making the same. 2,111,622; Mar. 22.
- Goepf, Rudolph M., Jr., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Resinous reaction products of inner ethers and natural resin acids and making the same. 2,134,430; Oct. 25.
- Goerg, Bernhard. (See Brabbée, C. W., and Goerg.)
- Goergen, Charles, St. Louis, Mo. Pneumatic toy. 2,118,971; May 31.
- Goeritz, Edward J., and B. A. Meyer, Arlington, Minn. Dispensing container. 2,118,346; May 24.
- Goerke, Henry E., Floral Park, and G. A. Bystrom and H. W. Schmale, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Hand operated wrapping machine. 2,106,999; Feb. 1.
- Goerner, Gustave W. (See Koehler, E. F., and Goerner.)
- Goertemiller, Clarence C., Big Stone Gap, Va. Game. 2,123,608; Aug. 30.
- Goertzen, William S. (See Gaede, John E., assignor.)
- Goertzen, William S., Newton, Kans. Float with signal lamp. 2,132,510; Oct. 11.
- Goese, Arthur A., Milwaukee, Wis. Damper construction. 2,106,093; Jan. 18.
- Goessling, Gerald A., St. Louis, Mo. Controlling size of printed impressions on cylindrical surfaces. 2,133,920; Oct. 18.
- Goettel, Peter, Ridgewood, N. Y. Waxing device. 2,110,724; Mar. 8.
- Goettie, Theodore R., Wayne, Pa. Roller skate brake. 2,140,955; Dec. 20.
- Goetz, Adolf, Hamburg, Germany. Airship. 2,126,188; Aug. 9.
- Goetz, Emil, et al. (See Jacobs, George, assignor.)
- Goetz, John, Wauwatosa, Wis. Stoker. 2,127,726; Aug. 23.
- Goetz, Maurus T., assignor, by mesne assignments, to Teletypesetter Corporation, Chicago, Ill. Tape controlled apparatus. 2,104,030; Jan. 4.
- Goetz, Maurus T., Chicago, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Dual magazine control. 2,136,048; Nov. 8.
- Goetz, Maurus T., and H. W. Hudson, Chicago, Ill., assignors, by mesne assignments, to Teletypesetter Corporation. Control mechanism for linecasting and composing machines. 2,117,474; May 17.
- Goetz, Oscar H., Park Ridge, assignor to Goetz Telephone Slug Service, Inc., Chicago, Ill. Attachment for apertures of check-controlled apparatus. 2,141,745; Dec. 27.
- Goetz, Paul C., Mount Holly, N. J., assignor to The Permutit Company, New York, N. Y. Removing fluorides from water. 2,139,227; Dec. 6.
- Goetz, Rowland W., Mount Lebanon, Pa. Floor joist. 2,116,886; May 10.
- Goetz Telephone Slug Service, Inc. (See Goetz, Oscar H., assignor.)
- Goff, Harold W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal strip. 2,107,751; Feb. 8.
- Goff, Henry J., and E. O. Setzer, assignors to Stockton Box Company, Stockton, Calif. Band saw. 2,126,382; Aug. 9.
- Goff, John, et al. (See Bear, Albert B., assignor.)
- Goff, Leonard D., Three Rivers, Mich. Return trap. 2,108,854; Feb. 22.
- Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,111,424; Mar. 15.
- Goff, William A., Long Beach, Calif. Derrick finger. 2,130,423; Sept. 20.
- Goff, William F., Akron, Ohio. Tire valve. 2,119,623; June 7.
- Gogal, John G. (See Smith, R. M., and Gogal.)
- Gogan, Joseph, Lakewood, Ohio. Hardness testing machine. 2,107,113; Feb. 1.
- Gogan, Joseph, Lakewood, Ohio. Hardness testing device. 2,107,114; Feb. 1.
- Gogan, Joseph, Lakewood, Ohio. Continuous hardness tester. 2,122,203; June 28.
- Gogan, Joseph, Lakewood, Ohio. Hydraulic resistance device. 2,139,817; Dec. 13.
- Goggin, Jeremiah F., Davenport, Iowa. Producing luminous effects. 2,125,780; Aug. 2.
- Goggin, Jeremiah F., Davenport, Iowa. Luminous composition of matter and producing same. 2,131,557; Sept. 27.
- Goheen, Herman M., Lansing, Mich. Rake tooth cleaner. 2,126,105; Aug. 9.
- Gohmann, Charles L., New Albany, Ind. Oil burner unit. 2,112,460; Mar. 29.
- Gohorel, Fernand P., Paris, France, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Delayed signaling system. 2,139,117; Dec. 6.
- Gohr, Edwin J., Elizabeth, N. J., assignor to Standard Oil Development Company. Treating oils with sulphuric acid and for preparing improved wetting agents and detergents. 2,115,847; May 3.
- Göhre, Kurt R., Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Working up of lead ores. 2,116,679; May 10.



- Göhre, Kurt R., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Working up zinc dust. 2,123,300; July 12.
- Göhre, Kurt R., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Apparatus and process for melting out metals from metallic dust. 2,134,605; Oct. 25.
- Göhre, Kurt R., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Treating lead ores. 2,136,434; Nov. 15.
- Göhre, Kurt R., J. Schwalb, and P. Speichert, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Rotary hearth furnace. 2,127,727; Aug. 23.
- Going, George G., Utica, assignor to Remington Rand, Inc., Buffalo, N. Y. Typewriting and like machine. 2,138,151; Nov. 29.
- Going, Russell S., Berlin, Vt. Display device. 2,117,882; May 17.
- Goussedet, Paul E. C., and R. L. Despois, Choisy Le Roi, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Preparation of P-(benzylamino) Benzene-sulphonamides. 2,111,768; Mar. 22.
- Goussedet, Paul E. C., and R. L. Despois, Choisy-Le-Roy, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. N-substituted camphoric amides and their preparation. 2,115,576; Apr. 26.
- Goit, Kenneth E., Minneapolis, Minn. Cover for steering wheel rims. 2,121,963; June 28.
- Golay, Marcel J. E., Long Branch, N. J., assignor, by mesne assignments, to Associated Electric Laboratories Inc., Chicago, Ill. Electrical apparatus. 2,122,464; July 5.
- Golber, Hyman E., assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Sheet delivery device. 2,113,650; Apr. 12.
- Gold, David S., Brooklyn, N. Y. Chalk sharpening machine. 2,138,597; Nov. 29.
- Gold, Jacob, Los Angeles, Calif. Electric tooth brush. 2,129,002; Sept. 6.
- Gold, Meyer, Minneapolis, Minn. Advertising novelty. 2,107,892; Feb. 8.
- Gold, Nathan, Portland, Oreg. Necktie. Re. 20,806; July 19.
- Gold, Nathan, Portland, Oreg. Apparatus for making neckties. 2,112,036; Mar. 22.
- Gold, Nathan, Portland, Oreg. Device for turning neckties. 2,116,569; May 10.
- Gold, Nathan, Portland, Oreg. Apparatus for making neckties. 2,131,318; Sept. 27.
- Goldacker, Edward H., Jamaica, assignor of one-fourth to C. Cacioppo, Ridgewood, one-fourth to C. Cacioppo, Forest Hills, and one-fourth to J. Cacioppo, West Forest Hills, N. Y. Sanitary pipe coupling. 2,137,137; Nov. 15.
- Goldberg, David, Newport News, Va. Bathing beach accessory. 2,109,881; Mar. 1.
- Goldberg, David D., Springfield, assignor to Automatic Cone Valve Company, Indian Orchard, Mass. Valve control mechanism. 2,137,874; Nov. 22.
- Goldberg, Isaac, assignor to Master Steam Equipment Company, Los Angeles, Calif. Vacuum steam valve. 2,132,731; Oct. 11.
- Goldberg, Isaac, assignor to Master Steam Equipment Company, Los Angeles, Calif. Steam boiler. 2,132,732; Oct. 11.
- Goldberg, Isadore. (See Cook, Edward G., assignor.)
- Goldberg, Isidore, Brooklyn, N. Y. Buckle. 2,138,542; Nov. 29.
- Goldberg, Jacob M., Denver, Colo. Moving picture film reel. 2,105,530; Jan. 18.
- Goldberg, Jacob M., Denver, Colo. Film reel and film attaching means therefor. 2,107,530; Feb. 8.
- Goldberg, Jacob, New York, N. Y. Combination apron and play suit. 2,132,466; Oct. 11.
- Goldberg, Jacob M., Denver, Colo. Film rewind device. 2,132,024; Oct. 4.
- Goldberg, Jacob M., Denver, Colo. Sound transmitting ventilator. 2,134,937; Nov. 1.
- Goldberg, Jacob M., Denver, Colo. Scriber for moving-picture films. 2,134,938; Nov. 1.
- Goldberg, James B., New York, N. Y. Lady's handbag with removable cover. 2,118,400; May 24.
- Goldberg, Louis, Brooklyn, N. Y. Hair straightening apparatus. 2,126,253; Aug. 9.
- Goldberg, Max, assignor to National Soda Straw Company, Chicago, Ill. Dispensing and display carton. 2,126,706; Aug. 9.
- Goldberg, Max, New York, N. Y. Filling machine. 2,139,744; Dec. 13.
- Goldberg, Max W., and W. W. Drissen, Port Washington, Wis. Covered ladle. 2,122,032; June 28.
- Goldberg, Max W., and W. W. Drissen, assignors to Modern Equipment Company, Port Washington, Wis. Manufacturing ladles. 2,134,785; Nov. 1.
- Goldberg, Samuel D., assignor to Novocel Chemical Mfg. Co., Inc., Brooklyn, N. Y. Local anesthetic base and solution and their manufacture. 2,139,818; Dec. 13.
- Goldblatt, Henry J., and J. B. Kessel, assignors to Vidrio Products Corporation, Chicago, Ill. Culinary appliance. 2,113,916; Apr. 12.
- Goldblatt, Henry J., and J. B. Kessel, assignors to Vidrio Products Corporation, Chicago, Ill. Culinary appliance. 2,110,756; May 10.
- Golden, Charles F., Denver, Ind. Blackboard instrument. 2,104,515; Jan. 4.
- Golden, Fred. (See Ruliancich, John J. O., assignor.)
- Golden, Harry, assignor to Magna Products Corp., New York, N. Y. Device for attaching license plates. 2,123,527; July 12.
- Golden, Louis J., Highland Park, assignor to B and B Shoe Company, Chicago, Ill. Child's slipper shoe and making same. 2,119,324; May 31.
- Goldenberg, Claire, Brooklyn, N. Y. Adjustable necktie. 2,125,715; Aug. 2.
- Goldfarb, Julius, Los Angeles, M. Goldfarb, Altadena, and H. W. Hahn, Glendale, Calif. Dispenser for mayonnaise and like materials. 2,105,646; Jan. 18.
- Goldfarb, Maer. (See Goldfarb, Julius and M., and Hahn.)
- Goldfield, Edwin R. (See Horsley, C. B., and Goldfield.)
- Goldfield, Edwin R., University Heights, assignor to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray apparatus. 2,117,660; May 17.
- Goldfield, Edwin R., University Heights, assignor, by mesne assignments, to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. Timing means for X-ray apparatus. 2,126,957; Aug. 16.
- Goldfield, Edwin R., University Heights, and C. B. Horsley, Gates Mills, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray apparatus. 2,123,528; July 12.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Small size camera. 2,111,425; Mar. 15.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Photographic camera with photoelectric exposure meter. 2,124,292; July 19.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Roll film camera. 2,132,157; Oct. 4.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Cinematographic apparatus. 2,135,638; Nov. 8.
- Goldhammer, Leo, Munich, and P. Frost, Munich-Neuharlaching, Germany, assignors to Agfa Anso Corporation, Binghamton, N. Y. Film magazine. 2,106,374; Jan. 25.
- Goldinger, Carl M., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Coupler operating device. 2,111,488; Mar. 15.
- Goldkamp, Otto B., assignor of one-half to San Diego Consolidated Gas and Electric Company, San Diego, Calif. Combination pressure regulator and meter. 2,115,259; Apr. 26.
- Goldman, Bronislaw, Warsaw, Poland. Automatically moving a rotating blade in axial direction. 2,115,809; May 3.
- Goldman, David, New York, N. Y. Necktie construction. 2,114,376; Apr. 19.
- Goldman, David, assignor of one-half to H. Goldman, New York, N. Y. Yarn fabric-package. 2,116,570; May 10.
- Goldman, Hilda. (See Goldman, David, assignor.)
- Goldman, Isaac E., Des Moines, Iowa. Film viewing device. 2,129,759; Sept. 13.
- Goldman, Isidore H., et al. (See Rodger, Stuart J., assignor.)
- Goldman, Joshua H., Boston, Mass., assignor to Johnson & Johnson, New Brunswick, N. J. Strainer. 2,115,577; Apr. 26.
- Goldman, Maurice A., assignor to Johnson & Johnson, New Brunswick, N. J. Metal backed pressure-sensitive adhesive. 2,106,133; Jan. 18.
- Goldman, Moses, Brooklyn, N. Y. Amusement device. 2,141,430; Dec. 27.
- Goldman, Moses, Brooklyn, N. Y. Amusement device. 2,141,431; Dec. 27.
- Goldman, Oscar G., San Francisco, Calif. Coating bond testing apparatus and method. 2,113,725; Apr. 12.
- Goldman, Otto B., Los Angeles, Calif. Well drilling bit. 2,124,414; July 19.
- Goldman, Otto B., Dallas, Tex. Drilling wells. 2,126,189; Aug. 9.
- Goldman, Sylvan N., Oklahoma City, Okla. Commodity accommodation and vending rack. 2,125,557; Aug. 2.
- Goldmark, Peter C., Brooklyn, assignor to Markia Corporation, New York, N. Y. Electron discharge device. 2,122,783; Oct. 11.
- Gold Medal Folding Furniture Company. (See Glittins, W. L., and Brown, assignors.)
- Golder, George W. (See McCluskey, E. J., and Golder.)
- Goldsborough, Thaddeus R., Merchantville, N. J., assignor to Radio Corporation of America. Speed changing mechanism. 2,106,733; Feb. 1.
- Goldschmidt, Th. A.-G. (See Fulda, W., Wiedbrauck, and Biche, assignors.)
- Goldschmidt, Th. Aktiengesellschaft. (See Schrader, H., and Stahl, assignors.)
- Goldschmidt, Th. A.-G. (See Wiedbrauck, E., Schrader, and Biche, assignors.)
- Goldschmidt, Victor M., Oslo, Norway. Refractories. 2,105,943; Jan. 18.
- Goldschmidt, Wilhelm, Erlangen, assignor to Siemens-Reiniger Werke A. G., Berlin, Germany. Cassette, particularly for X-ray exposures. 2,126,769; Aug. 10.



- Goldsmith, Alfred N., New York, N. Y. Synthetic reverberation system. 2,105,318; Jan. 11.
- Goldsmith, Alfred N., New York, N. Y. Control system. 2,134,757; Nov. 1.
- Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Phonographic apparatus. 2,113,401; Apr. 5.
- Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. System for the reproduction of sound. 2,114,680; Apr. 19.
- Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Phonograph with automatically compensated tone and volume control. 2,118,602; May 24.
- Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Automobile radio and communication system. 2,138,598; Nov. 29.
- Goldsmith, Bertram J., New York, N. Y. Package. 2,136,078; Nov. 8.
- Goldsmith, Bertram J., assignor to General Ribbon Mills, Inc., New York, N. Y. Spool for ribbons and other narrow fabrics. 2,112,209; Mar. 22.
- Goldsmith, Chester L., and B. F. Wood, Winchester, N. H. Bandit or burglar trap. 2,130,301; Sept. 13.
- Goldsmith, Henry F., Longport, N. J. Knitted hair net construction. 2,104,538; Jan. 4.
- Goldsmith, Henry F., Longport, N. J. Rear view vanity mirror. 2,119,208; May 31.
- Goldsmith, Hugo, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Inflatable playing ball construction. 2,134,634; Oct. 25.
- Goldsmith, Lester M., Philadelphia, Pa. Safety device. Re. 20,643; Feb. 1.
- Goldsmith, Maurice O., Dorchester, Mass. Lock or latch mechanism. 2,130,736; Sept. 20.
- Goldsmith, P. Sons Company, The. (See Goldsmith, Hugo, assignor.)
- Goldsmith, William M., Cincinnati, Ohio. Roof decking. 2,118,191; May 24.
- Goldstein, Abraham. (See Crespin, George, assignor.)
- Goldstein, Harold, New York, N. Y. Infusion apparatus. 2,124,293; July 19.
- Goldstein, Richard F., and S. T. McQueen, Blackley, England, and D. A. W. Fairweather, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Textile printing. 2,110,081; Mar. 1.
- Goldstine, Hallan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,111,587; Mar. 22.
- Goldstine, Hallan E., Port Jefferson Station, N. Y., assignor to Radio Corporation of America. Indicating dial. 2,119,576; June 7.
- Goldsworth Bros. Inc. (See Holdsworth, Harry, assignor.)
- Goldsworthy, Albert H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Diaphragm closure for bearings. 2,124,526; July 26.
- Golemb, Raymond E., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Switching key. 2,122,643; July 5.
- Golisano, John, Brooklyn, N. Y., assignor to National Folding Box Company, New Haven, Conn. Container. 2,125,716; Aug. 2.
- Goll, Frank D., and J. K. Wareham, New Kensington, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa. Liquid container. 2,124,565; July 26.
- Goll, Otto. (See Morschel, H., and Goll.)
- Goll, Richard, Dresden, Germany, assignor to J. M. Lehmann Company, Inc., New York, N. Y. Roller mill. Re. 20,918; Nov. 15.
- Gollmar, Herbert A. (See Denig, F., and Gollmar.)
- Gollmar, Herbert A., Union Township, N. J., assignor, by mesne assignments, to Koppers Company. Gas purification process. 2,106,734; Feb. 1.
- Gollnick, Leonard E., Vero Beach, Fla. Drive connection for mowing machines. 2,130,795; Sept. 20.
- Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing device. 2,115,444; Apr. 26.
- Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Selective printing machine. 2,132,410; Oct. 11.
- Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,132,411; Oct. 11.
- Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing and control device. 2,132,412; Oct. 11.
- Gollwitzer, Walter T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,132,413; Oct. 11.
- Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,132,414; Oct. 11.
- Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,132,415; Oct. 11.
- Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,133,136; Oct. 11.
- Golod, Murray, and D. Kantrowitz; said Golod assignor to B. D. Cole, New York, N. Y. Combination cabinet having a fireplace and dinette set therein. 2,112,087; Mar. 22.
- Gülz, Emil, Stuttgart-Degerloch, Germany. Hydraulic power transmission mechanism. 2,114,076; Apr. 12.
- Gommel, Dewey E. (See St. Clair, J. A., and Gommel.)
- Gommel, Dewey E., Indianapolis, Ind. Power transmission mechanism. 2,119,431; May 31.
- Gommel, Dewey E., assignor to E. C. Atkins and Company, Indianapolis, Ind. Saw set. 2,135,891; Nov. 8.
- Gompers, Lewis, trustee. (See Ashley, Frank M., assignor.)
- Gonard, John L., Englewood Cliffs, N. J. Spring suspension. 2,136,294; Nov. 8.
- Gondek, John T., St. Paul, Minn. Marine electric motor. 2,116,146; May 3.
- Gondolf, Nicholas J., New Orleans, La. Faucet. 2,104,640; Jan. 4.
- Gonsett, Robert R., Los Angeles, assignor of one-fourth to P. P. Ruggieri, Ventura, and one-fourth to J. M. Wargin, Hueneme, Calif. Electric hair clipper. 2,132,025; Oct. 4.
- Gontermann, Hans, and F. Kühn, Siegen, Germany. Manufacturing compound rolls. 2,129,683; Sept. 13.
- Gonthier, Walter C., et al. (See Poché, John M., assignor.)
- Gonzales, Esteban R., El Paso, Tex. Aeroplane landing gear. 2,112,398; Mar. 29.
- Gonzales, Miguel S., Mexico, D. F., Mexico. Gyro stabilizer. 2,104,226; Jan. 4.
- Gooch, Phelps E., et al. (See Sievers, Albert J., Jr., assignor.)
- Good, Fred, & Sons. (See Redcay, Frederick A., assignor.)
- Good, John, Garden City, assignor to Automatic Motor Stop and Start, Inc., New York, N. Y. Automotive engine control system. 2,118,401; May 24.
- Good, John, Garden City, assignor to Automatic Motor Stop and Start, Inc., New York, N. Y. Automotive engine control. 2,120,555; June 14.
- Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,137,017; Nov. 15.
- Good, Paul E., Riverton, N. J. Governor for tube cleaner motors. 2,141,182; Dec. 27.
- Good, Paul E., Riverton, N. J. Rotary motor. 2,141,982; Dec. 27.
- Goodale, Joseph L., Ipswich, Mass. Fiber treatment and product. 2,131,040; Sept. 27.
- Goodale, Ward R., Manchester, N. H., and C. H. Daniels, Wellesley Hills, Mass., assignors, by mesne assignments to said C. H. Daniels, Greenwich, Conn. Perforating machine. 2,112,988; Apr. 5.
- Goodall, Howard W., Aldan, Pa. Hose coupling. 2,139,745; Dec. 13.
- Goodall, Robert. (See Dow, A. B., and Goodall.)
- Goodall Worsted Company. (See Greenwood, Kendall T., assignor.)
- Goodbody, Edmund M., Bellerose, assignor to Intertype Corporation, Brooklyn, N. Y. Typographical machine. 2,142,051; Dec. 27.
- Goodby, William T. (See Whitehead, F. W., and Goodby.)
- Goode, Franklyn G., Eatontown, and G. R. Humphrey, Somerville, N. J. Apparatus for mileage testing. 2,118,079; May 24.
- Goode, Gilbert C. (See Breer, Carl, Goode, and Sherman.)
- Goode, Gilbert C. (See Conrad, F., and Goode.)
- Goodenough, Russell E., assignor to Cross Brothers Company, Incorporated, Northfield, Vt. Dust-collecting attachment. 2,130,232; Sept. 13.
- Goodenow, Julian F., assignor to Goodenow Textiles Company, Kansas City, Mo. Undergarment. 2,134,939; Nov. 1.
- Goodenow Textiles Company. (See Goodenow, Julian F., assignor.)
- Goodhart, Jacob A., Chicago, Ill. Surgical splint. 2,119,325; May 31.
- Goodhart, Robert H. (See Crewdson, Sarah M., assignor.)
- Goodhue, Lyle D., Berwyn, Md., dedicated to the free use of the People of the United States. Mechanical duster. 2,114,092; Apr. 12.
- Goodhue, Lyle D., Berwyn, Md., dedicated to the free use of the People of the United States of America. Adhesive for insecticides and making same. 2,129,517; Sept. 6.
- Goodhue, William V., Leominster, Mass. Tilt for ice fishing. 2,114,529; Apr. 19.
- Gooding, Hubert T., Kent, assignor to Callender's Cable and Construction Company Limited, London, England. Electric trigger relay and similar device. 2,125,630; Aug. 2.
- Goodings, Alfred C., assignor to Dominion Silk Mills Limited, Toronto, Ontario, Canada. Improving the electrical resistance of animal fibers. 2,109,087; Feb. 22.
- Goodlass Wall & Lead Industries Limited. (See Butcher, William T., assignor.)
- Goodloe, Alfred M., Roanoke, Va., and W. J. Kerns, Elizabeth, N. J., assignors of fifty-five one-hundredths to A. Jordahl, Dobbs Ferry, N. Y. Impact amalgamator. 2,110,796; Mar. 8.
- Goodloe, Alfred M., Roanoke, Va., assignor to Metal Textile Corporation, West Orange, N. J. Scouring device. 2,140,578; Dec. 20.
- Goodman, Abraham, Brooklyn, N. Y., assignor to Delaware Company, Inc. Hair curling device. 2,105,729; Jan. 18.



- Goodman, Dewey H., Iowa Park, Tex. Chain drill. 2,137,940; Nov. 22.
- Goodman, Herman, assignor to Cosmetic Research, Inc., New York, N. Y. Cosmetic cream base. 2,129,836; Sept. 13.
- Goodman, Jack A. (See Welch, Clifton, assignor.)
- Goodman, Jacob, Brooklyn, N. Y., assignor to Delamere Company, Inc. Hair curler. 2,116,111; May 3.
- Goodman, Jacob, Brooklyn, N. Y., assignor to Delamere Company, Inc. Hair curler. 2,116,112; May 3.
- Goodman, Joseph, assignor to Automatic Truck Loader Corporation, New York, N. Y. Refuse truck. Re. 20,947; Dec. 13.
- Goodman, Louis, Bronx, N. Y. Nonsagging upholstery spring bottom. 2,113,135; Apr. 5.
- Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)
- Goodman Manufacturing Company. (See Cartledge, Frank, assignor.)
- Goodman Manufacturing Company. (See Kraft, Robert H., assignor.)
- Goodman Manufacturing Company. (See Madeira, John R., assignor.)
- Goodman Manufacturing Company. (See McCullough, William T., assignor.)
- Goodman Manufacturing Company. (See Miller, Frederick B., assignor.)
- Goodman Manufacturing Company. (See Pray, Thomas E., assignor.)
- Goodman Manufacturing Company. (See Sloane, William W., assignor.)
- Goodman Manufacturing Company. (See Stoltz, Charles E., assignor.)
- Goodman Manufacturing Company. (See Wood, Claude O., assignor.)
- Goodman Manufacturing Company. (See Wood, Frank J., assignor.)
- Goodman, Reynold. (See Gutmann, John F., assignor.)
- Goodman, Russell A., Cleveland, Ohio. Buffing wheel and making same. 2,104,925; Jan. 11.
- Goodman, Samuel, Chicago, Ill. Bending brake. 2,128,295; Aug. 30.
- Goodrich, B. F., Company, The. (See Alexander, Claude H., assignor.)
- Goodrich, B. F., Company, The. (See Busse, Warren F., assignor.)
- Goodrich, B. F., Company, The. (See Calkins, Albert E., assignor.)
- Goodrich, B. F., Company, The. (See Catt, Harold W., assignor.)
- Goodrich, The B. F., Company. (See Collins, Arthur E., assignor.)
- Goodrich, B. F., Company, The. (See Crawford, Richard A., assignor.)
- Goodrich, B. F., Company, The. (See Dewhirst, Harry, assignor.)
- Goodrich, B. F., Company, The. (See Dodge, Howard M., assignor.)
- Goodrich, B. F., Company, The. (See Fenton, F., and Dodge, assignors.)
- Goodrich, B. F., Company, The. (See Freeman, Walter B., assignor.)
- Goodrich, B. F., Company, The. (See Gibbs, Carlin F., assignor.)
- Goodrich, B. F., Company, The. (See Hajoway, Mary, assignor.)
- Goodrich, The B. F. Company. (See Harrison, Marion M., assignor.)
- Goodrich, B. F., Company, The. (See Haushalter, Fred L., assignor.)
- Goodrich, B. F., Company, The. (See Johnston, John F., assignor.)
- Goodrich, B. F., Company, The. (See Jones, Paul C., assignor.)
- Goodrich, B. F., Company, The. (See Jones, Webster N., assignor.)
- Goodrich, B. F., Company, The. (See Leguillon, Charles W., assignor.)
- Goodrich, B. F., Company, The. (See Machlachlan, Andrew D., assignor.)
- Goodrich, B. F., Company, The. (See Mathes, Roger A., assignor.)
- Goodrich, B. F., Company, The. (See Mayne, Robert, assignor.)
- Goodrich, B. F., Company, The. (See Schanz, George H., assignor.)
- Goodrich, B. F., Company, The. (See Semon, Waldo L., assignor.)
- Goodrich, B. F., Company, The. (See Smiley, Pearl Y., assignor.)
- Goodrich, B. F., Company, The. (See Stewart, G. H., and Evans, assignors.)
- Goodrich, B. F., Company, The. (See Waner, Harry E., assignor.)
- Goodrich, B. F., Company, The. (See Young, Harvey L., assignor.)
- Goodrich, Chauncey M., Windsor, Ontario, Canada. Rail fastening. 2,134,082; Oct. 25.
- Goodrich, David M., New York, N. Y. Clasp. 2,121,147; June 21.
- Goodrich, David M., New York, N. Y. Garment supporter. 2,128,583; Aug. 30.
- Goodrich, Levi F., assignor to Corning Glass Works, Corning, N. Y. Glassworking press. 2,133,767; Oct. 18.
- Goodrich, Robert R., 2nd. (See Malter, L., Rajchman, and Goodrich.)
- Goodrich, Robert R., 2nd, Camden, N. J., assignor to Radio Corporation of America. Electronic oscillator and multiplier. 2,117,089; May 10.
- Goodrich, Thomas M., Albany, N. Y. Gas holder. 2,117,314; May 17.
- Goodrick, Perry C., Fond du Lac, Wis. Baseball base. 2,138,273; Nov. 29.
- Goodrie Cylent Flush Valve Co. (See Goodrie, Joseph J., assignor.)
- Goodrie, Joseph J., assignor to Goodrie Cylent Flush Valve Co., Chicago, Ill. Unitary flush valve connection. 2,134,182; Oct. 25.
- Goodsell, Charles D., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric control system. 2,131,028; Sept. 27.
- Goodstein, Frank. (See Naso, S., and Goodstein.)
- Goodwillie, Clarence J. (See Sowney, George E., assignor.)
- Goodwillie, David H., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for bending glass. 2,131,873; Oct. 4.
- Goodwillie, John E. (See Berry, E. E., Hornbostel, and Goodwillie.)
- Goodwin, Carl W., Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Molding mechanism. 2,118,080; May 24.
- Goodwin, Carl W., Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Milk bottle cap. 2,125,609; Aug. 2.
- Goodwin, Edward W., New Rochelle, assignor to Dexter Folder Company, New York, N. Y. Method of and mechanism for registering sheets. 2,140,006; Dec. 13.
- Goodwin, Ernest G., Pelham, N. Y., assignor to Graham-White Sander Corporation, Roanoke, Va. Tilted spring snubber. 2,125,275; Aug. 2.
- Goodwin, George, assignor to Royal Electric Company, Incorporated, Avon, Mass. Electric fuse. 2,105,591; Jan. 18.
- Goodwin Granger Company. (See Holding, Robert, assignor.)
- Goodwin, John S. (See Zublin, J. A., and Goodwin.)
- Goodwin, Leon E., North Amity, Maine. Ice-fishing tip-up. 2,137,771; Nov. 22.
- Goodwin, Robert G. (See Ragsdale, J. B., and Goodwin.)
- Goodwin, Virginia B. and W. H. Pashley, New York, N. Y. Coated paper. 2,128,296; Aug. 30.
- Goodwin, William D., Glen Ellyn, assignor to Union Special Machine Company, Chicago, Ill. Folder. 2,133,225; Oct. 11.
- Goodwin, William M., Central Square, N. Y. Valve operating mechanism. 2,131,507; Sept. 27.
- Goodwin, William M., Central Square, N. Y. Valve operating mechanism. 2,131,508; Sept. 27.
- Goodwin, William N., Jr., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric cell circuit. Re. 20,823; Aug. 9.
- Goodyear, Edward J., Wilkesburg, Pa. Piston ring. 2,118,433; May 24.
- Goodyear Footwear Corporation. (See Marshall, James P., assignor.)
- Goodyear, George H. (See Crowley, C. A., and Goodyear.)
- Goodyear-Zeppelin Corporation. (See Baade, Brunolf C., assignor.)
- Gookin, Sylvester Leo, Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Eyelet. 2,107,375; Feb. 8.
- Goos, Arthur W., assignor to Cliffs Dow Chemical Company, Marquette, Mich. Core binder material. 2,124,515; July 19.
- Gooskens, Henricus, Eindhoven, Netherlands, assignor to General Electric Company. Assembly for discharge devices. 2,116,429; May 3.
- Goossin, Stephen, Hollywood, Calif., assignor to Columbia Pictures Corporation of California, Ltd. Apparatus for making process shots in motion picture photography. 2,123,529; July 12.
- Gostray, Joseph, Milton, assignor to Hunt-Spiller Manufacturing Corporation, Boston, Mass. Piston for horizontal cylinders. 2,124,527; July 26.
- Gopperton, Ardath A. (See Sherman, J. Q., and Gopperton.)
- Gora, Henry, Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Jar ring bath. 2,132,204; June 28.
- Gora, John. (See Brethen, C. A., and Gora.)
- Grance, John, Barborton, Ohio. Dismountable stage structure. 2,115,631; Apr. 26.
- Gorar, Louis J., Brooklyn, N. Y., assignor to Truseon Steel Company, Youngstown, Ohio. Guard for doorways. 2,113,587; Apr. 12.
- Gorar, Louis J., Brooklyn, N. Y., assignor to Truseon Steel Company, Youngstown, Ohio. Door structure. 2,128,138; Aug. 23.
- Gorar, Louis J., Brooklyn, N. Y., assignor to Truseon Steel Company, Youngstown, Ohio. Guard for doorways. 2,128,139; Aug. 23.
- Gorbatenko, Dimitri L., assignor of eleven-twentieths to A. J. Allgoewer, and four-twentieths to L. I. Gorbatenko, San Francisco, Calif. Taping instrument. 2,123,415; July 12.
- Gorbatenko, Luka L., et al. (See Gorbatenko, Dimitri L., assignor.)
- Gordon, Abe, New York, N. Y. Tension adjusting device for sewing machine belts. 2,110,439; Mar. 8.



- Gordon, Agnes A. (See Newman, C., and Gordon.)
- Gordon, Burgess L., Jr. (See Pilling, C. J., and Gordon.)
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Compensating reheater and superheater. 2,107,440; Feb. 8.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Control of heat absorption. 2,109,840; Mar. 1.
- Gordon, David S., Brooklyn, N. Y. Sample book. 2,121,246; June 21.
- Gordon, Frederick F., Sheffield, England. Manufacture of compound metal bodies. 2,133,291; Oct. 18.
- Gordon, Frederick F., Sheffield, England. Compound metal bodies. 2,133,292; Oct. 18.
- Gordon, Frederick F., Sheffield, England. Manufacture of compound metal bodies. 2,133,293; Oct. 18.
- Gordon, Frederick F., Sheffield, England. Manufacture of compound metal bodies. 2,133,294; Oct. 18.
- Gordon, George B., New York, N. Y. Coupling for wires or electrical conductors. 2,135,937; Nov. 8.
- Gordon, Hiram, assignor to The Walker T. Dickerson Company, Columbus, Ohio. Apparatus for roughening leather surfaces. 2,120,835; June 14.
- Gordon, Hiram, and A. C. Rogge, Columbus, Ohio, assignors to Lock-On Heel Company, Chicago, Ill. Apparatus for securing metallic heel fasteners to shoes. 2,105,116; Jan. 11.
- Gordon, Hiram, and A. C. Rogge, Columbus, Ohio, assignors to Lock-On Heel Company, Chicago, Ill. Securing heels to shoes. 2,117,475; May 17.
- Gordon, Jack J., and F. R. Conklin, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Process and apparatus for removing water from aqueous aliphatic acids. 2,129,684; Sept. 13.
- Gordon, John T., and R. W. Snyder, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Bead wire die. 2,105,812; Jan. 18.
- Gordon, Maurice E., Los Angeles, Calif. Ventilating system and installing same. 2,126,107; Aug. 9.
- Gordon Novelty Company. (See Evans, Clifford F., assignor.)
- Gordon, Pauline, Inc. (See Gordon, Pauline Z., assignor.)
- Gordon, Pauline Z., assignor to Pauline Gordon, Inc., New York, N. Y. Foundation garment. 2,123,848; July 12.
- Gordon, Robert H., Detroit, Mich. Conveyor mechanism. 2,138,095; Nov. 29.
- Gordon, Robert H., Detroit, Mich., assignor to Parker Rust Proof Company. Conveyor mechanism. 2,106,706; Feb. 1.
- Gordon, Robert H., Detroit, Mich., assignor to Parker Rust Proof Company. Conveying mechanism. 2,116,430; May 3.
- Gordon, William R., assignor to The Atwood Machine Company, Stonington, Conn. Spindle mounting for textile machines. 2,118,302; May 24.
- Gordonian Printing Co. (See Lowen, Bert, assignor.)
- Gordy, Frances J. (See Gordy, George B., Jr., assignor.)
- Gordy, George B., Jr., assignor of one-half to F. J. Gordy, Los Angeles, Calif. Pumping unit. 2,117,716; May 17.
- Gore, Herbert C., and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Beverage preparation. 2,116,308; May 3.
- Goresline, Harry E. (See Blanck, F. C., Swenson, Mottern, Goresline, and Nelson.)
- Gorham, Ralph B., assignor to Midwest Production Engineering, Inc., Detroit, Mich. Hydraulic punch and die unit. 2,112,153; Mar. 22.
- Gorham, William R., Shibuya-ku, Tokyo, Japan. Turret centering and locking mechanism. 2,135,639; Nov. 8.
- Görlich, Rolf. (See Görlich, Görlich, and Pistor.)
- Görzitz, Friedrich. (See Wiegand, K., and Görzitz.)
- Gorlenko, Louis, Arlington, Va. Vehicle body. 2,136,130; Nov. 8.
- Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectric tube. 2,114,483; Apr. 19.
- Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Light sensitive tube. 2,122,860; July 5.
- Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectrically responsive layer. 2,140,994; Dec. 20.
- Görlich, Paul, and R. Görlich, Dresden, and W. Pistor, Dresden-Loschwitz, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectric tube. 2,111,066; Mar. 15.
- Gorman, Henry B., Lynchburg, Va., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe welt unit and making same. 2,114,131; Apr. 12.
- Gorman, Henry B., Lynchburg, Va., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Cemented shoe construction. 2,115,810; May 3.
- Gorman, James C. (See Rupp, H. E., and Gorman.)
- Gorman-Rupp Company. (See Rupp, Herbert E., assignor.)
- Gorman, William D. (See Horrocks, H. S., and Gorman.)
- Gormley, Frank L., Brookline, Mass., assignor to The Buda Company, Harvey, Ill. Lifting jack. 2,135,938; Nov. 8.
- Görnitz, Karl. (See Schotte, H., and Görnitz.)
- Gorny, Frank A., and A. J. Pateta, Chicago, Ill. Spark plug. 2,129,576; Sept. 6.
- Gorrias, Harry, Los Angeles, Calif. Hat treating apparatus. 2,113,726; Apr. 12.
- Gorrie, Harvard H., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Regulating apparatus. 2,141,464; Dec. 27.
- Gorse, William, Co. (See Douglas, Keith G., assignor.)
- Gort, Godfrey, assignor to Western Railroad Supply Company, Chicago, Ill. Parkway cable outlet. 2,109,616; Mar. 1.
- Gort, Godfrey, assignor to Western Railroad Supply Company, Chicago, Ill. Parkway cable outlet. 2,113,787; Apr. 12.
- Gort, Godfrey, assignor to Western Railroad Supply Company, Chicago, Ill. Parkway cable outlet. 2,114,681; Apr. 19.
- Gort, Godfrey, assignor to Western Railroad Supply Company, Chicago, Ill. Parkway cable outlet. 2,129,837; Sept. 13.
- Gort, Godfrey, assignor to Western Railroad Supply Company, Chicago, Ill. Cable outlet. 2,136,546; Nov. 15.
- Gort, Godfrey, assignor to Western Railroad Supply Company, Chicago, Ill. Electrical conductor outlet. 2,136,547; Nov. 15.
- Gorton, Clyde B., assignor to C. B. McClellan, Chicago, Ill. Coin chute. 2,116,309; May 3.
- Gorton, George, Machine Co. (See Gorton, G., Henkes, and Steinbrecker, assignors.)
- Gorton, George, P. M. Henkes, and F. Steinbrecker, assignors to George Gorton Machine Co., Racine, Wis. Engraving machine. 2,110,873; Mar. 15.
- Gorton, Thomas S., Jr., Evanston, Ill. Packing blocks of comestibles for freezing and product thereof. 2,114,530; Apr. 19.
- Gose, Ralph R. (See Hyneman, J. R., and Gose.)
- Goserud, Chester O., St. Paul, Minn. Sash fastener. 2,139,331; Dec. 6.
- Goshi, Kaisha Masuzawa Shoten. (See Kakizaki, Hisashi, assignor.)
- Goshorn, John C., and P. O. Rockwell, Baltimore, Md. Absorbents for hydrogen sulphide. 2,121,793; June 28.
- Goslin, Bert G., Battle Creek, Mich. Surface covering for buildings and the like. 2,115,222; Apr. 26.
- Goslin, Bert G., assignor to Sherriff-Goslin Co., Battle Creek, Mich. Joiner shingle. 2,135,811; Nov. 8.
- Goslin-Birmingham Manufacturing Company. (See Cobb, Lonnie E., assignor.)
- Gosline, James E., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Pressure recorder. 2,115,018; Apr. 26.
- Gosling, Herbert E., Providence, assignor to Hemphill Company, Central Falls, R. I. Yarn speed indicating means. 2,106,146; Jan. 18.
- Gosmann, Walther, Dortmund, Germany. Apparatus for producing foam for fire extinguishing purposes. 2,137,338; Nov. 22.
- Goss, Harry T., Rutherford, N. J., assignor to L. N. S. Corporation, New York, N. Y. Fluid dispensing apparatus. 2,105,813; Jan. 18.
- Goss, Horace W. and R. G., Toronto, Ontario, Canada. Self-closing tube and cap. 2,127,911; Aug. 23.
- Goss, Oliver P. M. and W. C., Seattle, assignors to Carlisle Lumber Company, Onalaska, Wash. Making fuel briquettes. 2,117,415; May 17.
- Goss, Philip S., Portland, Oreg. Primer valve. Re. 2,064,2; Feb. 1.
- Goss Printing Press Company, The. (See Crafts, Curtis S., assignor.)
- Goss Printing Press Company, The. (See Durham, Hobart N., assignor.)
- Goss Printing Press Company, The. (See Fankboner, Harland, assignor.)
- Goss Printing Press Company, The. (See Foster, Frank A., assignor.)
- Goss Printing Press Company, The. (See Smith, Ernest J., assignor.)
- Goss Printing Press Company, The. (See Temte, Nils O., assignor.)
- Goss, Reginald G. (See Goss, Horace W. and R. G.)
- Goss, Worth C. (See Goss, O. P. M., and Goss.)
- Goss, Worth C., Seattle, assignor to Carlisle Lumber Company, Onalaska, Wash. Applying coatings. 2,114,377; Apr. 19.
- Goss, Worth C., Seattle, assignor to Carlisle Lumber Company, Onalaska, Wash. Briquette press. 2,128,241; Aug. 30.
- Gossard, H. W., Co., The. (See Wipperman, Hildegard, assignor.)
- Gössel, Fritz, Frankfurt-on-the-Main, Germany, assignor to General Soya Corporation, New York, N. Y. Treating soy beans. 2,117,315; May 17.
- Gossett, Tolbert F., Birmingham, Ala. Bulletin board. 2,104,366; Jan. 4.
- Gossrau, Gotthard, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Surgical clasp. 2,123,890; July 19.
- Gossrau, Gotthard, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Surgical tongs. 2,123,891; July 19.
- Gostkowski, Bedri H., Geneva, Switzerland, assignor to "Societe Vitos", Troyes, France. Needle holder for a relooping needle. 2,115,100; Apr. 26.
- Gostkowski, Bedri H., Geneva, Switzerland, assignor to "Societe Vitos", Troyes, France. Apparatus for operating a relooping needle. 2,115,101; Apr. 26.



- Göth, Hans E. A. (See Wessblad, K. A., Göth, and Naucier.)
- Gotham Pressed Steel Corporation, The. (See Anderson, Charles A., assignor.)
- Gotham Silk Hosiery Company, et al. (See Rinehart, A., and Mendelsohn, assignors.)
- Gotham, Walter. (See Roon, L., and Gotham.)
- Gothe, Albrecht. (See Berndt, W., and Gothe.)
- \*Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,130,389; Sept. 20.
- Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directional landing beam transmitter. 2,138,448; Nov. 29.
- Götte, Ernst. (See Kling, W., and Götte.)
- Gottfried, Charles, and J. MacManus, New York, N. Y. Apparatus for forming coke layers. 2,115,102; Apr. 26.
- Gotthardt, Fritz, Ridgewood, N. Y. Valve. 2,112,363; Mar. 29.
- Gottlieb, Gerald, assignor to L. Kovel, New York, N. Y. Proportional scale. 2,123,674; July 12.
- Gottlieb, Joseph A., Los Angeles, Calif. Copy holder. 2,109,480; Mar. 1.
- Gottlieb, Louis, Kansas City, Mo. Pneumatic tire casing. 2,129,128; Sept. 6.
- Gottlieb, Max, Chicago, Ill. Hair waving appliance. 2,105,730; Jan. 18.
- Gottschalk, Walter M. A. (See Böllinger, H. S. W., and Gottschalk.)
- Gottschalk, Annie, administratrix. (See Gottschalk, J. W., and Grater.)
- Gottschalk, John W., Mfg. Company. (See Gottschalk, J. W., and Grater.)
- Gottschalk, John W., Manufacturing Co. (See Sedgley, Reginald F., assignor.)
- Gottschalk, John W., deceased, and S. W. Grater, Philadelphia, Pa.; said Grater assignor to said Gottschalk; A. Gottschalk administratrix of said J. W. Gottschalk. Making a coiled metallic strand. 2,104,713; Jan. 4.
- Gottschalk, John W., deceased, by A. Gottschalk, executrix; and S. W. Grater; assignors to John W. Gottschalk Mfg. Company, Philadelphia, Pa. Making resilient metallic bunches. 2,138,787; Nov. 29.
- Gottschalk, Karl, Csepel, Hungary. Tilting device for drum melting furnaces. 2,132,948; Oct. 11.
- Gottwald, Christian, Cleveland Heights, assignor to The Ric-wil Company, Cleveland, Ohio. Conduit. 2,133,731; Oct. 18.
- Götz, František, Prague-Smichov, assignor to Limited Company formerly the Skoda Works, Plzen, Prague, Czechoslovakia. Frictional transmission gearing. 2,115,522; Apr. 26.
- Goudet, Hugo, and R. Sénaème, Paris, France, assignors to Compagnie Generale de Telegraphie sans Fil. Electric switch. 2,104,458; Jan. 4.
- Goudet, Hugues, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil. Vernier tuning control. 2,116,113; May 3.
- Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Bridge latch for ice cream freezers. 2,112,696; Mar. 29.
- Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric toaster with detachable shell. 2,131,278; Sept. 27.
- Gough, John H., Bethesda, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Constant regulation transformer. 2,121,592; June 21.
- Gough, Joseph, assignor, by mesne assignments, to S. Johnson and J. Bower, Newark, N. J. Leaf machinery. 2,127,113; Aug. 16.
- Goulard, Alexander, Westfield, N. J. Sprayer. 2,134,553; Oct. 25.
- Gould, Allen A., Cleveland, Ohio. Attachment for motor vehicles. 2,116,757; May 10.
- Gould, Charles T., and H. M. Bonney, Walpole, Mass. Insulating pad and the like and making same. 2,137,756; Nov. 22.
- Gould, Charles T., and H. M. Bonney, Walpole, Mass. Attachment for stitch forming mechanisms of sewing machines. 2,137,757; Nov. 22.
- Gould Coupler Corporation. (See Akitt, Norman B., assignor.)
- Gould Coupler Corporation. (See Barrows, Donald S., assignor.)
- Gould & Eberhardt. (See Zimmermann, William F., assignor.)
- Gould, Edgar A. (See Pitts, J. E., and Gould.)
- Gould, Jay H., Royal Oak, assignor to Onkes Products Corporation, Detroit, Mich. Bumper guard. 2,108,110; Feb. 15.
- Gould, Lawrence E., et al. (See Elsom, James D., as assignor.)
- Gould, Nathaniel O., Detroit, Mich. Reserve liquid fuel controlling device. 2,125,674; Aug. 2.
- Gould, Philetus S., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Device for demonstrating the action of cords and the like. 2,109,171; Feb. 22.
- Gould, Raymond S., Jr., assignor to V. C. Squier Company, Battle Creek, Mich. Musical instrument string. 2,112,088; Mar. 22.
- Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,106,840; Feb. 1.
- Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,112,400; Mar. 29.
- Gould, Robert D., Detroit, Mich. Producing stereotypes. 2,110,623; Mar. 8.
- Gould, Stephen P. (See Whittier, E. O., and Gould.)
- Gould, William J., Johnstown, N. Y. Bath sponge. 2,124,061; July 19.
- Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Driving and stopping mechanism. 2,138,403; Nov. 29.
- Goulden, Albert B., Los Angeles, Calif. Bracelet attachment. 2,142,023; Dec. 27.
- Goulding, Charles H., Syracuse, assignor of fifty-one per cent to E. R. Hurd, Ballston Spa, N. Y. Highway lighting system. 2,115,421; Apr. 26.
- Gouldthorpe, Hubert W., Wesleyville, Pa., assignor to General Electric Company. Brake. 2,110,663; Mar. 8.
- Gouldthorpe, Hubert W., Wesleyville, Pa., assignor to General Electric Company. Power unit. 2,138,656; Nov. 29.
- Goulet, Jules H., et al. (See Frey, Henry, assignor.)
- Gouloze, Martin J., Grand Rapids, assignor, by mesne assignments, to Nash Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,112,771; Mar. 29.
- Gour, Norman E., Marlboro, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Loading mechanism for heel-attaching machines. 2,112,885; Apr. 5.
- Gourdou, Charles E. P., Le Parc Saint-Maur, France. Inhaling equipment. 2,117,952; May 17.
- Gourdou, Charles E. P., Le Parc St-Maur, France, assignor to Société Anonyme de Constructions Aéronautiques (S. A. G. A.) Geneva, Switzerland. Sighting gear. 2,125,225; July 26.
- Gourley, Glenn T., assignor to The General Fireproofing Company, Youngstown, Ohio. Caster retainer. 2,124,465; July 19.
- Gourley, William J., and F. H. Barney, Forth Worth, Tex. Well pumping device. 2,118,377; May 24.
- Gourley, William J., and F. H. Barney, Fort Worth, and E. E. Goehring, Henderson, Tex. Well pumping equipment. 2,128,528; Aug. 30.
- Gouse, Glen M., Carlisle, Pa. Door holder. 2,117,060; May 10.
- Gouverneur, Fernand, Paris, France. Milling cutter with helical teeth. 2,124,818; July 26.
- Gove, Winfield D., East Hartford, Conn., and J. Dolza, Flint, assignors to General Motors Corporation, Detroit, Mich. Torque loading lash adjusting device for friction roller transmissions. Re. 20,801; July 19.
- Governale, Joseph J., Chicago, Ill. Book stitcher. 2,139,118; Dec. 6.
- Government and People of the United States of America, The. (See Coe, Mayne R., assignor.)
- Government of the United States, as represented by the Secretary of Commerce. (See Dahlgren, Edwin H., assignor.)
- Government of the United States, as represented by the Secretary of Commerce. (See Dempsey, James B., assignor.)
- Government of the United States as represented by the Secretary of the Interior. (See Shelton, Stephen M., assignor.)
- Government of the United States, as represented by the Secretary of the Interior. (See Storch, Henry H., assignor.)
- Government of the United States of America. (See Dunmore, Francis W., assignor.)
- Government of the United States of America, as represented by the Secretary of Commerce. (See Dunmore, Francis W., assignor.)
- Government of the United States of America, as represented by the Secretary of the Navy. (See Shanley, Francis R., assignor.)
- Government of the United States of America, represented by the Secretary of the Treasury. (See Small, Lyndon F., assignor.)
- Government of the United States of America, as represented by the Secretary of War. (See Dabrusky, August, assignor.)
- Government of the United States of America, as represented by the Secretary of War. (See Garand, John C., assignor.)
- Government of the United States of America, represented by the Secretary of War. (See Jolliffe, John P., assignor.)
- Government of the United States of America, represented by the Secretary of War. (See Kneer, Lewis E., assignor.)
- Government of the United States of America, represented by the Secretary of War. (See Peterson, Ben L., assignor.)
- Government of the United States of America, represented by the Secretary of War. (See Shoemaker, Glen W., assignor.)
- Government of The United States, represented by the Secretary of Commerce. (See Conn, Wallace T., assignor.)



- Government of the United States, represented by the Secretary of Commerce. (See Diamond, Harry, assignor.)
- Government of the United States, represented by the Secretary of Commerce. (See Diamond H., and Dunmore, assignors.)
- Govers, Francis X., Vincennes, Ind., assignor to The Indian Refining Company, Lawrenceville, Ill. Solvent refining hydrocarbon oil. 2,137,206; Nov. 15.
- Govers, Francis X., Vincennes, Ind., assignor to The Indian Refining Company, Lawrenceville, Ill. Refining hydrocarbon oils. 2,137,218; Nov. 15.
- Govett, Thomas, Elmhurst, N. Y., Colloidal gold-containing cream. 2,111,912; Mar. 22.
- Gowell, Ernest E., South Portland, Maine. Rug and making the same. 2,126,254; Aug. 9.
- Gowell, Paul A., New York, N. Y. Adjustable furniture tread. 2,108,036; Feb. 15.
- Goy, Wilhelm. (See Piesker, B., and Goy.)
- Goza, Lou H., Langley Field, Va. Index clip. 2,118,043; May 24.
- Grab, Wilhelm, Freiburg in Baden, Germany. Two-stroke internal combustion engine. 2,127,114; Aug. 16.
- Grabau, George D., Campbell, Ohio. Apparatus for preserving poles and the like. 2,135,974; Nov. 8.
- Grabarse, Manfred, and L. Hoffmann, Berlin-Hermesdorf, assignors to Gustav Schwarz G. m. b. H., Berlin-Waldmannslust, Germany. Variable pitch propeller for aircraft. 2,107,785; Feb. 8.
- Grabbe, Karl. (See Würstlin, K., and Grabbe.)
- Graber, Christian L., Lakewood, Ohio. Container. 2,104,031; Jan. 4.
- Graber, Christian L., Lakewood, Ohio. Flask. 2,104,704; Jan. 4.
- Grabler Manufacturing Company, The. (See McCabe, Frank E., assignor.)
- Grabner, Alfred, Vienna, Austria, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dynamo-electric machine. 2,128,044; Aug. 23.
- Grace, Gordon B. (See Adams, W. R., and Grace.)
- Grace, John F., Arlington, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Surface condenser. 2,111,240; Mar. 15.
- Grace, Richard W., assignor to The Superior Switchboard & Devices Company, Canton, Ohio. Meter closure fastener. 2,113,687; Apr. 12.
- Grace, Richard W., assignor to The Superior Switchboard & Devices Company, Canton, Ohio. Meter closure. 2,120,145; June 7.
- Grace, Worthington T., Willoughby, and A. H. Ristau, Cleveland, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigments. 2,139,013; Dec. 6.
- Graceform-Camlin Corset Co. (See Imershein, Matthias, assignor.)
- Gracia, Albert J., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing dithiazyl disulphides. 2,119,131; May 31.
- Grade Crossing Guard Corporation. (See Evans, James M., assignor.)
- Grady, Lester D., Jr. (See Gamble, D. L., and Grady.)
- Grady, Stephen S., Magnolia, N. C. Fountain. 2,123,892; July 19.
- Graebner, Otto F., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle body ventilation. 2,127,971; Aug. 23.
- Graef, John M. (See Fourness, C. A., and Graef.)
- Graef, Omar K., Chicago, Ill., assignor to Continental Diamond Fibre Company, Newark, Del. Segmental bearing. 2,137,138; Nov. 15.
- Graef & Schmidt, Inc. (See Voss, Arthur, assignor.)
- Graemiger, Benjamin, Zurich, Switzerland. Feed regulator control means. 2,111,663; Mar. 22.
- Graenacher, Charles. (See Haller, R., and Graenacher.)
- Graenacher, Charles, and H. Bruenger, Basel, and F. Ackermann, Binningen, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Derivatives of dyestuffs containing hydroxyl groups and making same. 2,120,741; June 14.
- Graenacher, Charles, and H. Bruenger, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Derivatives of azo-dyestuffs and making same. 2,120,743; June 14.
- Graetz, Fritz, Berlin, Germany. Preheater. 2,139,819; Dec. 13.
- Graf, Julius E., Avalon, and J. K. Lamoree, Mount Lebanon, Pittsburgh, Pa., assignors to American Sheet and Tin Plate Company. Classifying apparatus. 2,127,511; Aug. 23.
- Graf, Leo, Cologne-Bickendorf, assignor to K. Werth, Berlin, Germany. Sparking plug. 2,120,492; June 14.
- Graf, Vincent J., assignor to Briggs Manufacturing Company, Detroit, Mich. Making sinks. 2,105,944; Jan. 18.
- Graf, Vincent J., assignor to Briggs Manufacturing Company, Detroit, Mich. Apparatus for making sinks. 2,120,094; June 7.
- Graf, Vincent J., assignor to Briggs Manufacturing Company, Detroit, Mich. Sink. 2,127,559; Aug. 23.
- Graff, John H., assignor to The Institute of Paper Chemistry, Appleton, Wis. Sample holder. 2,120,404; June 14.
- Graff, Morris, Wheeling, W. Va., and W. A. Carrell, Pittsburgh, Pa. Container. 2,112,439; Mar. 29.
- Grafton, William F., Bedford, England, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric circuit breaker. 2,111,241; Mar. 15.
- Grafues, Josef H. (See Francis, L. V., and Grafues.)
- Grah, Carl G., and P. Giesen, Solingen, Germany. Nippers for skin and fingernails. 2,123,357; July 12.
- Graham, Alexander B., Thornliebank, Glasgow, Scotland, assignor to The International Nickel Company, Inc., New York, N. Y. Extruding metals and alloys. 2,123,416; July 12.
- Graham, Ben M., Tupelo, Miss. Collapsible bed. 2,127,025; Aug. 16.
- Graham, Charlotte, New York, N. Y. Suspension strap. 2,118,378; May 24.
- Graham, Clarence T., assignor to W. H. Bannon, Mansfield, Mass. Treating fabrics. 2,128,516; Aug. 30.
- Graham, Cole B., Greenwood, S. C. Mirror hinge. 2,112,399; Mar. 29.
- Graham, David T., Los Angeles, Calif., assignor to G. C. and G. Graham, Curtain fixture. 2,129,419; Sept. 6.
- Graham, Donald P., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dyestuffs of the anthraquinone series. 2,141,858; Dec. 27.
- Graham, Eric B., Friern Park, North Finchley, assignor to Specialoid Limited, London, England. Spring ring or circlet. 2,131,948; Oct. 4.
- Graham, George, et al. (See Graham, David T., assignor.)
- Graham, George A., and H. W. Parmer, Long Branch, N. J. Printing telegraph system. 2,128,242; Aug. 30.
- Graham, George H., assignor to The Lehon Company, Chicago, Ill. Shingle. 2,139,820; Dec. 13.
- Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Wheel turning gauge. 2,115,766; May 3.
- Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Connecting rod aligner. 2,137,484; Nov. 22.
- Graham, Grover C., et al. (See Graham, David T., assignor.)
- Graham, Henry H., The Dalles, Oreg. Brush holder. 2,141,531; Dec. 27.
- Graham, Herbert J., and H. Y. Mageoch, assignors to Electric Service Supplies Company, Philadelphia, Pa. Vehicle signal arm. 2,112,526; Mar. 29.
- Graham, Joyce K., Canton, Ohio. Chipping and cutting tool. Re. 20,856; Sept. 13.
- Graham, Louis A., Milwaukee, Wis. Variable speed transmission. 2,109,695; Mar. 1.
- Graham, Matthew P. (See Hufferd, G. H., and Graham.)
- Graham, Matthew P., G. H. Hufferd, and J. E. Casse, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Trailer hitch. 2,127,912; Aug. 23.
- Graham, Matthew P., G. H. Hufferd, and J. E. Casse, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Hitch or coupler. 2,127,913; Aug. 23.
- Graham, Maurice H. (See Carpenter, Frank W., assignor.)
- Graham, Maurice H., St. Louis Park, Minn., assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,138,674; Nov. 29.
- Graham-Paige Motors Corporation. (See Kishline, Floyd F., assignor.)
- Graham, Paul S. (See Rugg, H. H., and Graham.)
- Graham, Philip J., assignor to Fosgood Corporation, Graham, Thomas A., Ellwood City, Pa., and H. W. Mollison, Highland Park, Ill., assignors to National Tube Company. Drip lip tubing. 2,132,564; Oct. 11.
- Graham, Thomas A., San Francisco, Calif., assignor to National Tube Company. Making a tubular article. 2,132,565; Oct. 11.
- Graham, Tom S. (See Campbell, H. W., and Graham.)
- Graham, Wade B., Houston, Tex. Oil burning fire box. 2,134,871; Nov. 1.
- Graham, Walter M., Berkeley, and F. B. Benzon, Oakland, Calif. Truss structure. 2,139,363; Dec. 6.
- Graham-White Sander Corporation. (See Goodwin, Ernest G., assignor.)
- Graham, William A., Houston, Tex. Toasting machine. 2,105,858; Jan. 18.
- Graham, William R., New York, N. Y., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Display box. 2,126,461; Aug. 9.
- Graham, William S. (See Lindgren, A. C., and Graham.)
- Graham, William S., Canton, Ill., assignor to International Harvester Company. Implement attachment for tractors. 2,105,117; Jan. 11.
- Graham, William S., Canton, Ill., assignor to International Harvester Company. Drive mechanism for tractor mounted planters. 2,140,622; Dec. 20.
- Graham, William S., and H. P. Smith, Canton, Ill., assignors to International Harvester Company. Tractor attaching bracket. 2,115,387; Apr. 26.
- Grahame, James H. (See Stryker, D., and Grahame.)
- Grahame, James H., Mount Vernon, and W. L. Douthett, Jackson Heights, assignors to The Texas Company, New York, N. Y. Removing wax and asphaltic constituents from oil. 2,137,207; Nov. 15.



- Grainger, Herbert H., London, England, assignor, by mesne assignments, to Chicago Apparatus Company, Chicago, Ill. Balance or weighing scale. 2,127,995; Aug. 23.
- Grainger, Julius, et al. (See Rowell, Gar L., assignor.)
- Grainger, Rafe Earl, et al. (See Rowell, Gar L., assignor.)
- Grainger, Reld B., Redondo Beach, Calif., assignor to Elliott Core Drilling Company. Core catcher. 2,122,771; July 5.
- Gram, John S., Chicago, Ill. Portfolio. 2,109,882; Mar. 1.
- Gramann, Heinrich F. M. (See Huenlich, C., and Gramann.)
- Gramann, Heinrich F. M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,112,957; Apr. 5.
- Gramann, Heinrich F. M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,127,593; Aug. 23.
- Gramann, Heinrich F. M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,128,645; Aug. 30.
- Gramkee, Bruce E. (See Talbot, R. H., and Gramkee.)
- Grammatico, Samuel, et al. (See Whitetree, Alva E., assignor.)
- Grammes, L. F., & Sons, Inc. (See Weindel, Fred, Jr., assignor.)
- Granada Finance Company Limited, The. (See Teodorini, Osmond, assignor.)
- Granat, Elie, assignor of one-half to Compagnie des Forges et Acieries de la Marine et d'Homecourt, Paris, France. Distant electric control system. 2,138,421; Nov. 29.
- Granberg, Albert J., Berkeley, assignor to Ralph N. Brodie Company, Oakland, Calif. Automatic shut-off for meters. 2,107,441; Feb. 8.
- Granberg, Albert J., Berkeley, assignor to Granberg Equipment Incorporated, Oakland, Calif. Positive pressure rotary pump. 2,129,928; Sept. 13.
- Granberg, Bengt, and J. B. Sinderson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Attachment for machine tools. 2,116,262; May 3.
- Granberg, Bengt, and F. R. Swanson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,123,530; July 12.
- Granberg Equipment Incorporated. (See Granberg, Albert J., assignor.)
- Granberg Meter Corporation. (See Saarinen, Armas J., assignor.)
- Grancell, Isaac H. (See Kirk, M. P., and Grancell.)
- Grand, Jean F. E., Paris, and R. L. Grand, Livry-Gargan, France. Reinforced track crossing. 2,121,659; June 21.
- Grand, René L. (See Grand, Jean F. E., and R. L.)
- Grandman, Walter J., New York, N. Y. Hanger for plates and other articles. 2,128,703; Aug. 30.
- Grandman, Walter J., New York, N. Y. Automatic paste dispenser. 2,140,007; Dec. 13.
- Grand Rapids Brass Company. (See Roedding, G. E., and Nelson, assignors.)
- Grand Rapids Fibre Cord Co. (See Millett, John E., assignor.)
- Grand Rapids Fibre Cord Company. (See Sackner, W. E., and Millett, assignors.)
- Grand Rapids Sample Case Company. (See Best, W. F., and Kremer, assignors.)
- Grand Rapids Store Equipment Company. (See Vanderveld, Anthony, assignor.)
- Grand Specialties Company. (See Sasgen, Michael J. and A. M., assignors.)
- Grandy, Jesse P., et al. (See Read, David Y., assignor.)
- Grandy, Levi R., and H. C. Doane, Flint, assignors to General Motors Corporation, Detroit, Mich. Radio static eliminator. 2,104,800; Jan. 11.
- Grange, Leo O., assignor to Safety Vulcanizer Company, Chicago, Ill. Adjustable rim. 2,124,345; July 19.
- Granger, Eugene, St. Johns, Quebec, Canada. Antiskid attachment. 2,128,458; Aug. 30.
- Granger, Harold, Alexandria, Va., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Electrical oscillation mixing circuit. 2,110,082; Mar. 1.
- Granger, Harold, Cherrydale, Va., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Selective high frequency oscillator system. 2,131,558; Sept. 27.
- Granger, Harold, Cherrydale, Va., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Frequency measuring system. 2,131,559; Sept. 27.
- Grannis, L. Bruce. (See Clyne, James B., assignor.)
- Granstedt, Karl E. (See Dahlström, E. R., and Granstedt.)
- Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Cigar machine. 2,135,892; Nov. 8.
- Grant, Albert E., New York, N. Y. Electric plug. 2,119,810; June 7.
- Grant, Albert E., New York, N. Y. Electric connector plug. 2,122,058; June 28.
- Grant, Albert E., assignor of nine-twentieths to B. P. Kerfoot and two-twentieths to M. F. Ashley, both of New York, N. Y. Electric plug. 2,119,809; June 7.
- Grant, Albert E., assignor to Albert T. Otto & Sons, Inc., New York, N. Y. Screw socket. 2,124,616; July 26.
- Grant, Albert E., assignor to Albert T. Otto & Sons, Inc., New York, N. Y. Attachment plug. 2,130,424; Sept. 20.
- Grant, Alvin, Denver, Colo. Photographic enlarger. 2,135,074; Nov. 1.
- Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,120,803; June 14.
- Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Proportioning cooling system. 2,134,940; Nov. 1.
- Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Zone air conditioning system. 2,136,336; Nov. 8.
- Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,140,473; Dec. 13.
- Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,141,244; Dec. 27.
- Grant, Charles H., Horsham, Pa. Metal pickling. 2,120,276; June 14.
- Grant, Claude B., assignor to F. G. Beckman, Muskogee, Okla. Method of and apparatus for completing wells under pressure. 2,127,728; Aug. 23.
- Grant, Dallas, Windsor Mills, Quebec, assignor to Canada Paper Company, Montreal, Quebec, Canada. Apparatus for making laminated wrapping papers. 2,136,739; Nov. 15.
- Grant, Dudley H., Watchung, N. J., assignor to Stanco Incorporated. Ephedrine composition. 2,115,848; May 3.
- Grant, Elmore L., Los Angeles, Calif. Navigation apparatus. 2,116,625; May 10.
- Grant, George A., and W. F. Le Moine, Oakland, Calif. Child's play raft. 2,124,062; July 19.
- Grant, Harry C., Jr., New York, N. Y., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Detection of suspended matter in fluids. 2,119,326; May 31.
- Grant, Harry C., Jr., New York, N. Y., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Condensate trap for suction conduits. 2,124,516; July 19.
- Grant, Helen G., Asheville, N. C. Container. 2,106,425; Jan. 25.
- Grant, Helen G., Asheville, N. C. Container and making the same. 2,106,426; Jan. 25.
- Grant, James, Swan River, Manitoba, Canada. Spark plug. 2,129,003; Sept. 6.
- Grant, Jerome L., New York, N. Y., assignor, by mesne assignments, to Swank Products, Inc., Attleboro, Mass. Combined collar holder and necktie ornament. 2,111,145; Mar. 15.
- Grant, John. (See Erwin, Weldon C., assignor.)
- Grant, John. (See Erwin, W. C., and Sweet, assignors.)
- Grant, John. (See Raymond, Edward F., assignor.)
- Grant, John, Los Angeles, Calif. Well cleaning system. 2,138,375; Nov. 29.
- Grant, Jordan W., Portsmouth, Va. Basket. 2,113,688; Apr. 12.
- Grant, Joseph, et al. (See Jacobs, George, assignor.)
- Grant, Lloyd L., Spokane, Wash. Internal combustion engine. 2,127,729; Aug. 23.
- Grant Manufacturing and Machine Company, The. (See Turnquist, H. L., and Hellman, assignors.)
- Grant, Robert U., Fort Worth, Tex. Hydraulic deep-well pump. 2,127,168; Aug. 16.
- Grant, Rolland A., Lodi, Calif. Carrying scraper. 2,125,558; Aug. 2.
- Grant, William A., and E. F. Roach, Vancouver, British Columbia, Canada. Amalgamator. 2,134,120; Oct. 25.
- Grantham, Aubrey B., Douglaston, N. Y. Traffic signal. 2,137,161; Nov. 15.
- Grantham, James, Evanston, assignor of one-third to J. F. Alexander and one-third to H. A. Newby, Chicago, Ill. Calendar. 2,134,183; Oct. 25.
- Grantz, Siegfried. (See Rieppel, P. and Grantz.)
- Granville, Edward H., Chicopee Falls, Mass., assignor to United Aircraft Corporation, East Hartford, Conn. Baffle. 2,113,939; Apr. 12.
- Grappe, Marcellin L., Columbia Heights, Fair Lawn, N. J. Punch and shearing machine. 2,138,543; Nov. 29.
- Graser, Fred H. (See Rambo, I. G., and Graser.)
- Grassby, George A., Jr., assignor to Kirsch Company, Sturgis, Mich. End guide for Venetian blinds. 2,110,725; Mar. 8.
- Grasser, Arthur P., Cleveland, Ohio. Cleaning device. 2,116,392; May 3.
- Grassman, Max, et al. (See Le Fèvre, Ralph A., assignor.)
- Grater, Sylvester W. (See Gottschalk, J. W., and Grater.)
- Grau, George D., Jr., Tullahoma, Tenn., assignor to The Lammom Manufacturing Company, Grinnell, Iowa. Making a play ball slug. 2,138,004; Nov. 29.
- Grau, Herbert E., Los Angeles, assignor to Iveron Jackson Co., Huntington Park, Calif. Balance stop for door type elevators. 2,105,076; Jan. 11.
- Grau, Max. (See Bauer, J., and Grau.)
- Grau, Pedro, Miami, Fla. Adjustable louver blind. 2,117,953; May 14.
- Graubner, Herman G., New York, N. Y. and A. G. Saurwein, Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flashlight. 2,140,908; Dec. 29.
- Grand, Edwin L., Cincinnati, Ohio. Roller window shade construction. 2,140,049; Dec. 13.



- Grael, Ernest H. (See Harrison, T. R., Grauel, and Kessler.)
- Grael, Julius F., Baltimore, Md. Rumble seat enclosure. 2,120,463; June 14.
- Grauenhorst, Martin P. (See Freeman, Antony P., assignor.)
- Grauer, John, Little Neck, Long Island, N. Y. Toy register bank. 2,114,167; Apr. 12.
- Graumann, Erich. (See Zetzsche, W., and Graumann.)
- Graunke, Harry W., Cedar Falls, Iowa. Auxiliary Automobile floor. 2,136,972; Nov. 15.
- Graupner, Paul L., Kotschenbroda, assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & So., Dresden, Germany. Impressing bronze designs. 2,130,425; Sept. 20.
- Grave, Georg. (See Bantz, T., Grave, and Oppen.)
- Grave, Georg. (See Oppen, E., and Grave.)
- Grave, Georg., Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Electrostatic separator for the separation of fine-grained mixed materials. 2,123,301; July 12.
- Gravell, James H. (See Hall, A., and Young, assignors.)
- Gravelle, Emmanuel B., Ottawa, Ontario, Canada. Portable bridge. 2,141,529; Dec. 27.
- Graver Tank & Mfg. Co. (See Wilkin, Lester A., assignor.)
- Graves, Arnold, Wheathampstead, England. Light-projection system particularly for vehicle lamps. 2,122,465; July 5.
- Graves, Benjamin P., Edgewood, R. I., assignor to Brown & Sharpe Manufacturing Company. Machine tool structure. 2,110,295; Mar. 8.
- Graves, Benjamin P., Cranston and A. F. Bennett, West Barrington, R. I., assignors to Associated Patents, Inc. Machine tool. 2,124,852; July 26.
- Graves, Edward B., Fort Mitchell, assignor to The Kelley-Koett Manufacturing Company, Inc., Covington, Ky. X-ray apparatus. 2,110,764; Mar. 8.
- Graves, Edward B., South Euclid, assignor to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray apparatus. 2,137,647; Nov. 22.
- Graves, George D. (See Bousquet, E. W., Graves, and Salzberg.)
- Graves, George D. (See Dorrough, G. L., and Graves.)
- Graves, George D. W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating composition. 2,111,769; Mar. 22.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Long chain alkoxy alkanol esters. 2,118,506; May 24.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroxy carboxylic acid esters of long chain alcohols. 2,122,716; July 5.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,685; Sept. 13.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acetic-pyruvic anhydride. 2,135,709; Nov. 8.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Amino alcohol acrylates. 2,138,031; Nov. 29.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Amino alcohol esters of the alpha substituted acrylic acids. 2,138,763; Nov. 29.
- Graves, George D., Wilmington, Del., and R. E. Thomas, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of unsaturated aliphatic monocarboxylic acids. 2,109,943; Mar. 1.
- Graves, Grover C., assignor to O. Lundell, Detroit, Mich., and G. R. Scott, Norfolk, Va. Machining a worm element. 2,126,990; Aug. 16.
- Graves, Herbert C. Jr., East Bradford Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit interrupter. 2,127,813; Aug. 23.
- Graves, J. H. (See Grimwood, Oscar, assignor.)
- Graves, John R., Bergenfield, N. J. Handwheel. 2,108,331; Feb. 15.
- Graves, Mark S., Los Angeles, Calif. Vehicle safety brake. 2,115,364; Apr. 26.
- Graves, Mark S., Los Angeles, Calif. Furring nail. 2,130,390; Sept. 20.
- Graves Process, Inc., The. (See Graves, R. V., and Bohman, assignors.)
- Graves, Roy V., and A. J. Bohman, assignors to The Graves Process, Inc., Minneapolis, Minn. Composing machine. 2,105,731; Jan. 18.
- Gravesen, Carl C., Roskilde, Denmark, assignor of one-half to F. W. Bradley, Pittsburgh, Pa. Adjustable door handle construction. 2,140,203; Dec. 13.
- Gravina, John, Bound Brook, N. J. Antiskid device. 2,134,040; Oct. 25.
- Graviner Manufacturing Company Limited. (See Salmond, Hubert M., assignor.)
- Gravity Meter Corporation. (See Darley, Lon J., assignor.)
- Gray, Allen, Oil City, Pa., assignor to Oil Well Supply Company, Dallas, Tex. Making drilling jars. 2,139,077; Dec. 6.
- Gray, Alvin R., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Therapeutic apparatus. 2,113,253; Apr. 5.
- Gray, Arthur W., Ellensburg, Wash. Piston expander. 2,127,169; Aug. 16.
- Gray, Bertram P., Birmingham, England. Pad for use with horseshoes. 2,105,242; Jan. 11.
- Gray, Bertram P., Birmingham, England. Nonskid device for vehicle wheels. 2,132,614; Oct. 11.
- Gray, Chester E., Oakland, Calif. Apparatus for determining the gaseous content of materials. 2,141,977; Dec. 27.
- Gray, Chester E., and G. D. Turnbow, Oakland, Calif. Apparatus for the continuous manufacture of frozen food products. 2,131,510; Sept. 27.
- Gray, Chester E., and G. D. Turnbow, Oakland, Calif. Continuous method of manufacturing frozen food products. 2,131,511; Sept. 27.
- Gray, Clarence E., St. Petersburg, Fla. Combination container for cigarettes and matches. 2,121,500; June 21.
- Gray, Clyde E., assignor of twenty-seven and a half per cent to M. Hurt and twenty per cent to McLaughlin & Wallenstein, Chicago, Ill. Printing. 2,124,294; July 19.
- Gray, Dale B., assignor to W. Terry, Kansas City, Mo. Collapsible container. 2,114,737; Apr. 19.
- Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Method of and apparatus for drawing glass. 2,133,662; Oct. 18.
- Gray, Edward, assignor of one-half to G. Wood, Detroit, Mich. Locomotive body. 2,119,535; June 7.
- Gray, Edward, assignor of one-half to G. Wood, Detroit, Mich. Double acting engine. 2,124,032; July 19.
- Gray, Ellsworth, assignor to C. C. Brown, Houston, Tex. Valve mechanism. 2,124,334; July 19.
- Gray, Emmet P., Detroit, Mich. Combined muffler and heater. 2,133,349; Oct. 18.
- Gray, Floyd E. (See Kucher, A. A., and Gray.)
- Gray, Floyd E., assignor to General Motors Corporation, Dayton, Ohio. Latch. 2,108,965; Feb. 22.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical scanning apparatus. 2,109,744; Mar. 1.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television system. 2,113,254; Apr. 5.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical transmission. 2,138,577; Nov. 29.
- Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical image producing device. 2,141,746; Dec. 27.
- Gray, G. A., The. (See Doran, John E., assignor.)
- Gray, Harold E., Brownsville, Tex. Averaging device. 2,140,579; Dec. 20.
- Gray, Harry Z., Lebanon, Ohio. Composite sponge. 2,121,384; June 21.
- Gray, Herbert E., San Jose, Calif. Machine for dicing fruit and the like. 2,107,293; Feb. 8.
- Gray, James W. (See de Florez, L., Gray, and Bach.)
- Gray, Jesse L., assignor to Armstrong Paint & Varnish Works, Chicago, Ill. Can. 2,120,357; June 14.
- Gray, John E. (See Rader, H. K., and Gray.)
- Gray, John E., and W. M. Parker, assignors to Mueller Brass Co., Port Huron, Mich. Fitting and the manufacture thereof. 2,120,067; June 7.
- Gray, Milton, assignor to E. L. Bruce Company, Memphis, Tenn. Coating lumber to prevent end checking. 2,136,351; Nov. 8.
- Gray, Newenham A., Narberth, Pa. High speed beater. 2,138,632; Nov. 29.
- Gray Processes Corporation, The. (See Mandelbaum, Malvin R., assignor.)
- Gray, Raymond K., Chicago, Ill. Cylinder lock. 2,123,940; July 19.
- Gray, Reid B., Dundalk, and H. M. Shealey, assignors to The Glenn L. Martin Company, Baltimore, Md. Producing a seal. 2,140,672; Dec. 20.
- Gray, Richard E., Jackson, Tenn., assignor to Piggly Wiggly Corporation, Cincinnati, Ohio. Refrigerated display counter. 2,120,744; June 14.
- Gray, Robert A., Jr., et al. (See Eastin, Rollie R., assignor.)
- Gray, Robert L., Brooklyn, N. Y. Forming window envelopes or the like. 2,129,686; Sept. 13.
- Gray, Robert L., Brooklyn, N. Y., and L. V. Lucia, West Hartford, Conn., assignors to Lucup Corporation, Brooklyn, N. Y. Drinking cup. 2,110,765; Mar. 8.
- Gray, Russell J., Minneapolis, Minn. Lubricant dispenser. 2,137,740; Nov. 22.
- Gray, Samuel E., Oklahoma City, Okla. Rigid coupling for sucker rods. 2,135,812; Nov. 8.
- Gray, Samuel McK., Yonkers, assignor to Electrical Testing Laboratories, New York, N. Y. Strain gauge for and method of measuring strains in glass. 2,119,577; June 7.
- Gray Telephone Pay Station Company, The. (See Long, George A., assignor.)
- Gray Tool Company. (See Mueller, R. A., and Yancey, assignors.)
- Gray Tool Company. (See Roye, Richard T., assignor.)
- Gray Tool Company. (See Yancey, John R., assignor.)
- Gray, Weston A., Cape Elizabeth, and L. T. Stover, Portland, Maine. Signaling system and apparatus for same. 2,137,719; Nov. 22.
- Gray, William. (See Alvarado, Don J., Jr., assignor.)



- Gray, William C., St. Charles, assignor to J. B. Hawley, Geneva, Ill. Adjustable sweat band for hats. 2,112,808; Mar. 29.
- Gray, William T., Altrincham, England, assignor to General Electric Company. Electric motor control equipment. 2,131,588; Sept. 27.
- Gray, William T., Altrincham, England, assignor to General Electric Company. Electric motor control system. 2,139,494; Dec. 6.
- Graybill, Hershey R., Manheim, assignor to Animal Trap Company of America, Lititz, Pa. Mouse trap. 2,109,481; Mar. 1.
- Grayson Heat Control, Inc. (See Grayson, John H., assignor.)
- Grayson, John H., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Fuel control and regulation. 2,123,829; July 12.
- Grayson, John H., assignor to Grayson Heat Control, Inc., Lynwood, Calif. Gas valve. 2,130,796; Sept. 20.
- Great Lakes Concrete Pipe Co. Inc. (See Cummings, William F., assignor.)
- Great Lakes Steel Corporation. (See Clause, J. A., and McGuire, assignors.)
- Great Western Athletic Goods Co. (See Davis, C. C., and Gregory, assignors.)
- Great Western Electro-Chemical Company. (See Allen, Glenn L., Jr., assignor.)
- Great Western Electro-Chemical Company. (See Bender, Harry, assignor.)
- Great Western Electro-Chemical Company. (See Hirschkind, Wilhelm, assignor.)
- Great Western Electro-Chemical Company. (See MacAfee, Merrill W., assignor.)
- Great Western Electro-Chemical Company. (See Maier, Charles G., assignor.)
- Great Western Electro-Chemical Company. (See Rosen, Leland S., assignor.)
- Great Western Electro-Chemical Co. (See Stevenson, Ralph A., assignor.)
- Great Western Stove Company. (See Willson, Hiram R., assignor.)
- Greavu, Tanase, Dearborn, Mich. Toilet seat. 2,136,684; Nov. 15.
- Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Treating wells. 2,118,669; May 24.
- Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Control system. 2,118,842; May 31.
- Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Facilitating production of wells. 2,127,662; Aug. 23.
- Grebe, John J., and L. C. Chamberlain, assignors to The Dow Chemical Company, Midland, Mich. Recovering bromine. 2,133,616; Oct. 18.
- Grebe, John J., G. M. Hebbard, and R. E. Schneider, assignors to The Dow Chemical Company, Midland, Mich. Production of unsaturated hydrocarbon gases. 2,113,536; Apr. 5.
- Grece, Harry H., Detroit, Mich. Windshield wiper blade. 2,107,567; Feb. 8.
- Grece, Harry H., Detroit, Mich. Car axle lubricator sleeve. 2,115,260; Apr. 26.
- Grece, Harry H., Detroit, Mich. Lubricated dust guard. 2,122,343; June 28.
- Grece, Harry H., Detroit, Mich. Lubricated dust guard. 2,124,108; July 19.
- Grece, Harry H., Detroit, Mich. Lubricated dust guard. 2,124,109; July 19.
- Grece, Harry H., Detroit, Mich. Car axle lubricator plate. 2,134,872; Nov. 1.
- Green, Albert A., Bridgeport, assignor to United Aircraft Corporation, East Hartford, Conn. Antenna fair-lead. 2,137,450; Nov. 22.
- Green, Buford L., Charlotte, N. C. Preparing a control record. 2,114,294; Apr. 19.
- Green, Buford L., Charlotte, N. C. Code printing apparatus. 2,114,295; Apr. 19.
- Green, Buford L., Charlotte, N. C. Typewriter. 2,114,296; Apr. 19.
- Green, Charles A., Philadelphia, Pa. Grease dispensing apparatus. 2,140,909; Dec. 20.
- Green, Charles G., assignor to Alfred Decker & Cohn, Inc., Chicago, Ill. Flexible current connection for oscillating fans. 2,133,985; Oct. 25.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,104,588; Jan. 4.
- Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,108,884; Feb. 22.
- Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,113,402; Apr. 5.
- Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,125,438; Aug. 2.
- Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,127,684; Aug. 23.
- Green, Charles W., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency selective circuits. 2,117,843; May 17.
- Green, Clarence J., assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 2,109,386; Feb. 22.
- Green, Clarence J., assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 2,132,949; Oct. 11.
- Green, Clifford H., Grand Rapids, Mich., assignor to Automatic Instrument Company. Automatic phonograph. 2,104,032; Jan. 4.
- Green, Dana B., Ithaca, N. Y. Injection fuel pump. 2,128,140; Aug. 23.
- Green, Daniel, Company. (See Green, James A., assignor.)
- Green, Edward A., Schenectady, N. Y., assignor to General Electric Company. Driving means for spinning machines. 2,124,415; July 19.
- Green, Edward A., East Cleveland, Ohio, assignor to Security Machine Products Company, Wilmington, Del. Lock nut. 2,125,276; Aug. 2.
- Green, Ernest. (See Clough, N. H., and Green.)
- Green, Ernest, Chelmsford, England, assignor to Radio Corporation of America. Thermionic amplifier. 2,122,772; July 5.
- Green, Frederick M., Sacramento, Calif. Shirt. 2,133,505; Oct. 18.
- Green, H. C. (See Lawson, R. H., Green, and Smith.)
- Green, Harry, Bronx, assignor of one-half to A. Wasserlauf, Jackson Heights, Long Island, N. Y. Window seat. 2,109,313; Feb. 22.
- Green, Harry A., Portland, Oreg. Davenport clamp. 2,118,379; May 24.
- Green, Hugh F., York, England. Lubricating preparation. 2,104,641; Jan. 4.
- Green, Isaac H. C. (See Lawson, R. H., and Green.)
- Green, James A., assignor to Daniel Green Company, Dolgeville, N. Y. Shoe and making the same. 2,106,676; Jan. 25.
- Green, James L., Cleveland, Ohio, assignor to The Indemse Corporation. Self-locking rivet. 2,132,950; Oct. 11.
- Green, James L., Cleveland, Ohio, and F. T. Hicks, Detroit, Mich., assignors to The Indemse Corporation. Electrical apparatus. 2,136,337; Nov. 8.
- Green, Joseph W. (See Loose, K. D., Watkins, and Green.)
- Green, Leslie P., Chicago, Ill. Scraper. 2,109,195; Feb. 22.
- Green, Leslie P., Chicago, Ill. Safety razor. 2,128,772; Aug. 30.
- Green, Lucille, and J. Marks, Los Angeles, Calif. Brassière. 2,109,172; Feb. 22.
- Green, Mason V., assignor to F. D. Hayes, Lansing, Mich., trustee for F. D. Hayes Electric Company. Resilient induction magnet. 2,119,811; June 7.
- Green, Nathaniel P., University City, Mo. Spray device. 2,123,697; July 12.
- Green, Newton B. (See Darling, H. R., and Green.)
- Green, Newton B. (See Harmon, H. H., and Green.)
- Green, Newton B. (See Mihalyi, J., and Green.)
- Green, Raymond V., Fulton, N. Y. Self-holding plug. 2,134,475; Oct. 25.
- Green, Richard D., assignor to John A. Roebling's Sons Company, Trenton, N. J. Insulated electric conductor. 2,132,235; Oct. 4.
- Green, Robert G., Minneapolis, Minn. Distemper vaccine and preparing the same. 2,136,131; Nov. 8.
- Green, Samuel G., Gray, Ga. Bolt operating mechanism for machine guns. 2,104,033; Jan. 4.
- Green, Samuel G., Gray, Ga. Back plate latch for machine guns. 2,108,060; Feb. 15.
- Green, Samuel G., Gray, Ga. Trigger for machine guns. 2,119,536; June 7.
- Green, Samuel G., Gray, Ga. Gland adjusting mechanism. 2,121,030; June 21.
- Green, Samuel G., Gray, Ga. Cartridge guide and stop for machine guns. 2,121,794; June 28.
- Green, Samuel G., Gray, Ga. Recoil check and barrel accelerator for a machine gun. 2,128,243; Aug. 30.
- Green, Samuel G., Gray, Ga. Muzzle attachment for guns. 2,128,936; Sept. 6.
- Green, Samuel G., Gray, Ga., and R. J. Lennon, East Moline, Ill. Wrench. 2,128,244; Aug. 30.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electric meter. 2,110,417; Mar. 8.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electric meter. 2,110,418; Mar. 8.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electrode for mercury devices. 2,133,986; Oct. 25.
- Green, Thomas C., U. S. Marine Corps. Connector. 2,118,670; May 24.
- Green, Thomas C., U. S. Marine Corps. Shielding assembly and connector therefor. 2,118,671; May 24.
- Green, Thomas C., U. S. Marine Corps. Joint and connector. 2,118,672; May 24.
- Green, Thomas C., U. S. Marine Corps. Device for shielding a spark plug and for conducting current thereto. 2,118,673; May 24.
- Green, Thomas L., deceased Indianapolis, Ind. J. W. Noel, executor. Apparatus for use in manufacturing breast and the like. 2,141,889; Dec. 27.
- Green, Virgil G., and E. Gustafson, assignors to Binks Manufacturing Company, Chicago, Ill. Offset preventing in printing. 2,110,218; Mar. 8.
- Green, Virgil G., and E. Gustafson, assignors to Binks Manufacturing Company, Chicago, Ill. Preventing offset in printing. 2,110,219; Mar. 8.



- Green, Virginius M., and C. E. Gurtler, Richmond, Va. Motional advertising display device. 2,131,029; Sept. 27.
- Green, Walter H., and A. B. Hodges, Chicago, Ill., assignors, by mesne assignments, to Inflico Inc. Liquid treating method and device. 2,111,097; Mar. 15.
- Green, William F., assignor to Valley Shoe Corporation, St. Louis, Mo. Side-lasting machine. 2,120,781; June 14.
- Green, William R. (See Ibbetson, S. F., and Green.)
- Greenall, Charles H., Larchmont, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable sheath extruding press. 2,131,173; Sept. 27.
- Greenawalt, John E., New York, N. Y. Screening device. 2,112,886; Apr. 5.
- Greenawalt, John E., New York, N. Y. Igniting a sintering charge. 2,112,887; Apr. 5.
- Greenawalt, John E., New York, N. Y. Burner. 2,112,888; Apr. 5.
- Greenawalt, Robert H., Conoquenessing, Pa. Casing cutter. 2,124,617; July 26.
- Greenawalt, William E., Denver, Colo. Metallurgical furnace. 2,108,118; Feb. 15.
- Greenawalt, William E., Denver, Colo. Metallurgical process. 2,129,760; Sept. 13.
- Greenawalt, William E., Dallas, Tex. Flywheel brake. 2,121,869; June 28.
- Greenbaum, Frederick R., assignor to The National Drug Company, Philadelphia, Pa. Allantoin ointment. 2,124,295; July 19.
- Greenbaum, Jack. (See Rochocz, Willy, assignor.)
- Greenberg, Charles B., New York, N. Y. Fastener for wrist watch straps. 2,105,143; Jan. 11.
- Greenberg, Harry D., New York, N. Y. Dental mirror. 2,140,005; Dec. 13.
- Greenberger, Charles, New York, N. Y. Lipstick guard. 2,133,093; Oct. 11.
- Greenblatt, Carl J., Bayonne, N. J. Effervescent tablet. 2,105,690; Jan. 18.
- Greene, Albert E., Medina, Wash. Treatment of alumina-magnesia-chromite ore. 2,110,573; Mar. 8.
- Greene, Clarence K., Los Angeles, Calif. Variable pitch propeller. Re. 20,679; Mar. 29.
- Greene, Edgeworth, Upper Montclair, N. J. Protective bottle stopper. 2,126,003; Aug. 9.
- Greene, Edgeworth, Upper Montclair, N. J. Nonrefillable bottle stopper. 2,126,005; Aug. 9.
- Greene, Edgeworth, Montclair, N. J. Selective dash tire pressure indicator. 2,135,303; Nov. 1.
- Greene, Ellis D., Rochester, N. Y. Toilet ventilator. 2,112,772; Mar. 29.
- Greene, Gertrude L., Corona, Calif. Measuring device. 2,104,642; Jan. 4.
- Greene, Guy G., San Francisco, Calif., and F. A. Pneuman, New York, N. Y. Cable wrapping. 2,132,566; Oct. 11.
- Greene, Herbert A., Philadelphia, Pa. Inflation for milking machine cups. 2,120,556; June 14.
- Greene, Howard H., Oklahoma City, Okla. Weight and line indicator. 2,121,870; June 28.
- Greene, John M., Waukesha, Wis. Advertising display or hanger for bottles. 2,132,236; Oct. 4.
- Greene, Joseph F., assignor to Kimble Glass Company, Vineland, N. J. Lehr construction. 2,129,057; Sept. 6.
- Greene, Monte L., and W. L. Rhoads, Sr., St. Louis, Mo., assignors to American Telephone and Telegraph Company. Telegraph system. 2,140,673; Dec. 20.
- Greene, Otto W., Elyria, Ohio, assignor to The Pfaudler Co., Rochester, N. Y. Fluid processing apparatus. 2,108,482; Feb. 15.
- Greenewalt, Crawford H. (See Arnold, H. R., and Greenewalt.)
- Greenewalt, Crawford H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating gasoline from gases. 2,113,588; Apr. 12.
- Greenewalt, Crawford H., and G. W. Rigby, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aliphatic dinitriles. 2,132,849; Oct. 11.
- Greenfield, Andy J. (See Vernon, G. G., and Greenfield.)
- Greenfield, Max, Coney Island, Brooklyn, and A. Blum, Bronx, N. Y. Hemming attachment for sewing machines. 2,138,633; Nov. 29.
- Greenfield, Robert E., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Separation of solids from liquids. 2,138,274; Nov. 29.
- Greenfield Tap and Die Corporation. (See Koehler, Oscar E., assignor.)
- Greenfield Tap and Die Corporation. (See Koehler, O. E., and Koonz, assignors.)
- Greenfield Tap and Die Corporation. (See Koonz, Earl R., assignor.)
- Greenfield Tap and Die Corporation. (See Kuhn, Karl A., assignor.)
- Greenfield Tap and Die Corporation. (See Schwister, Anton J., assignor.)
- Greenfield, William H., Philadelphia, Pa. Gas track heater. 2,123,941; July 19.
- Greenfield, William R., assignor to Kellogg Corset Company, Jackson, Mich. Health belt or corset. 2,137,838; Nov. 22.
- Greenhill, David, assignor to The Sun Engraving Company Limited, Watford, England. Rotary printing or coating machine. 2,141,978; Dec. 27.
- Greenholtz, Ralph E. (See Enkur, E. M., and Greenholtz.)
- Greenholtz, Ralph E., and E. M. Enkur, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for making composite caps. 2,131,319; Sept. 27.
- Greenidge, Charles T., Milwaukee, and S. L. Hoyt, Shorewood, Wis. Making aluminum alloys. 2,113,021; Apr. 5.
- Greenidge, Ralph M. C., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductive device. 2,140,154; Dec. 13.
- Greenidge, Samuel M., Fort Worth, Tex. Protector for pistons and the like. 2,122,717; July 5.
- Greenleaf, John W., Hamden, Conn., assignor to Rockbestos Products Corporation. Insulated electrical cable. 2,120,095; June 7.
- Greenleaf, Robert M., and P. C. Palmer, Los Angeles, Calif., assignors to said R. M. Greenleaf. Wheel alignment apparatus. 2,137,485; Nov. 22.
- Greenleaf, Walter J., and L. Skeel, Meadville, Pa. Drafting device. 2,116,887; May 10.
- Greenlee, Earle R., Detroit, Mich. Roofing. 2,132,209; Oct. 4.
- Greenlee, William B., Denver, Colo. Sign. 2,110,296; Mar. 8.
- Greenman, Maurice, Buffalo, N. Y. Match packet. 2,130,273; Sept. 13.
- Greenmun, Leo S., Binghamton, N. Y., assignor to Dayatnite Lamp Corporation, Newark, N. J. Lamp. 2,121,192; June 21.
- Greenmun, Leo S., Binghamton, N. Y., assignor to Dayatnite Lamp Corporation, Newark, N. J. Manufacturing filament supporting assemblies for lamps. 2,139,891; Dec. 13.
- Greenough, Henry B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-finishing machine. 2,110,933; Mar. 15.
- Greenpoint Metallic Bed Co. (See Basile, Joseph, assignor.)
- Greenpoint Metallic Bed Co. (See Elder, Charles J., assignor.)
- Greensfelder, Bernard S. (See Francis, C. E., and Greensfelder.)
- Greensfelder, Bernard S., Martinez, M. E. Spaght, Long Beach, and C. H. Britten, Wilmington, assignors to Shell Development Company, San Francisco, Calif. Producing acid oils. 2,134,390; Oct. 25.
- Greenslade, Grover R., Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company. Testing and apparatus therefor. 2,104,643; Jan. 4.
- Greenslade, Grover R., Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company. Methods of testing and apparatus therefor. 2,104,644; Jan. 4.
- Greenslade, Grover R., Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company. Testing boiler staybolts. 2,104,645; Jan. 4.
- Greenslade, Grover R., Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company. Testing. 2,104,646; Jan. 4.
- Greenstein, George, Long Island, N. Y. Safety razor. 2,105,351; Jan. 11.
- Greenwald, Fannie, executrix. (See Greenwald, Isidor.)
- Greenwald, I., Company. (See Greenwald, Isidor, assignor.)
- Greenwald, Isidor, deceased; F. Greenwald, executrix, assignor to I. Greenwald Company, Inc., Gary, Ind. Surgical instrument. 2,137,121; Nov. 15.
- Greenwood, Aaron A. (See Siebert, D. W., Greenwood, and Lindquist.)
- Greenwood, Dolphice H., Los Angeles, Calif. Valve construction. 2,121,031; June 21.
- Greenwood, Earle, and K. W. Struck, assignors to Sangamo Electric Company, Springfield, Mo. Combination meter and time switch. 2,139,821; Dec. 13.
- Greenwood, George W., Wilmington, Del., assignor to Stephen F. Whitman & Sons, Inc., Philadelphia, Pa. Package. 2,113,886; Apr. 12.
- Greenwood, Henry B. (See Fitchett, T. S., and Greenwood.)
- Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glen Arm, Md. Duplex single facer. 2,106,500; Jan. 25.
- Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glenarm, Md. Roll lift stand. 2,130,233; Sept. 13.
- Greenwood, Kendall T., assignor to Goodall Worsted Company, Sanford, Maine. Tufted fabric and making the same. 2,117,954; May 17.
- Greer, Agnes J. R. (See Shoemaker, Robert W., assignor.)
- Greer, Frederick W., Belmont, assignor to J. W. Greer Company, Middlesex, Mass. Conveying apparatus. 2,106,134; Jan. 18.
- Greer, J. W., Company. (See Greer, Frederick W., assignor.)
- Greeves, J. & T. M., Limited. (See Eves, Harold T., assignor.)
- Greeves, J. & T. M., Limited. (See Eves, Reginald V., assignor.)
- Gregg Company, The. (See Angell, Thomas U., assignor.)
- Gregoire, Horace W., Newtonville, assignor to O. W. Wilkstrom, Newton, Mass. Paper box making apparatus and method. 2,120,214; June 7.
- Gregory, Carey G., Los Angeles, Calif. Desk set. 2,112,907; Apr. 5.



- Gregory, Carey G., Los Angeles, Calif. Pen. 2,129,209; Sept. 6.
- Gregory, Jesse H. (See Davis, C. C., and Gregory.)
- Gregory, Jesse H. (See Drill, D. C., Whitenack, and Gregory.)
- Gregory & Reed Wood Heel Company. (See Ball, A. F., and Craig, assignors.)
- Gregory, Walter, Floyd, N. Mex. Cattle chute restraining means for use in dehorning. 2,136,008; Nov. 8.
- Gregory, Warren W. (See Knapp, W. A., and Gregory.)
- Gregson, Dorothy. (See Mitchell, Earl A., assignor.)
- Greibach, Emil H., Brooklyn, N. Y. Bone conduction hearing device. 2,127,468; Aug. 16.
- Greibach, Emil H., Brooklyn, N. Y. Bone conduction hearing device. Re. 20,896; Oct. 25.
- Greicius, Peter P., Chicago, Ill. Sewing machine. 2,131,621; Sept. 27.
- Greider, Harold W., Wyoming, and G. A. Fasold, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Making bituminized web materials. 2,105,531; Jan. 18.
- Greider, Harold W., Wyoming, and M. F. Smith, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Coagulating rubber upon fibers. 2,133,693; Oct. 18.
- Greider, Harold W., Wyoming, and M. F. Smith, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Making fibrous material. 2,133,694; Oct. 18.
- Greig, Ethel M., executrix. (See Greig, John W.)
- Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Ventilating means for vehicle bodies. 2,139,014; Dec. 6.
- Greig, John W., deceased, Dayton, Ohio, by E. M. Greig, executrix, Seattle, Wash., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio signaling. 2,129,004; Sept. 6.
- Greiner, Carl F., and A. W. Aitken, assignors to The Buffalo-Springfield Roller Co., Springfield, Ohio. Trench roller attachment for road vehicles. 2,120,745; June 14.
- Greiner, Earl S. (See Ellis, W. C., and Greiner.)
- Greis, Henry N. (See McElwaine, Clayton B., assignor.)
- Greiser, Melvin R., Cincinnati, assignor to Carthage Mills Incorporated, Carthage, Ohio. Printing of fibrous materials by impregnation. 2,106,634; Jan. 25.
- Greiser, Melvin R., Cincinnati, assignor to Carthage Mills Incorporated, Carthage, Ohio. Decorative needled fabric. 2,132,530; Oct. 11.
- Greiser, Melvin R., Cincinnati, assignor to Carthage Mills Incorporated, Carthage, Ohio. Display device. 2,132,531; Oct. 11.
- Greist Manufacturing Company, The. (See Greist, W. C., and Baehr, assignors.)
- Greist Manufacturing Company, The. (See Hinman, George L., assignor.)
- Greist, Walter C., and C. G. Baehr, New Haven, Conn., assignors to The Greist Manufacturing Company. Binding and piping attachment for sewing machines. 2,109,314; Feb. 22.
- Greive, Anton S. (See Hackworth, A., and Greive.)
- Grelle, Henry G., New Orleans, La. Automatic fishing leader. 2,130,543; Sept. 20.
- Grembecki, Elmer C., Chicago, Ill. Dampener for printing presses. 2,108,984; Feb. 22.
- Gremillion, Ernest S., Bunkie, La. Self-oiling die stock. 2,131,854; Oct. 4.
- Grempler, Karl F., Baltimore, Md. Temperature conditioning plate. 2,110,860; Mar. 15.
- Grencker, Lillian L. (See Copeland, P., and Greneger.)
- Grenier, Arthur, Lawrence, Mass. Let-off mechanism for looms. 2,107,696; Feb. 8.
- Grenier, Pierre, Paris, France, assignor to International Holding Radial, Luxembourg, Luxembourg. Radioactive protective apparatus, such as lightning arresters, and ball protectors. 2,128,408; Aug. 30.
- Gresenz, William A., Neenah, Wis., assignor to International Cellulose Products Company, Chicago, Ill. Package for sheet material. 2,118,380; May 24.
- Gretener, Edgar, Berlin-Siemensstadt, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Reflector arc lamp for the projection of colored pictures. 2,107,148; Feb. 1.
- Greth, August, Los Angeles, Calif. Sanitary medical treatment means. 2,106,707; Feb. 1.
- Grether, Ernest F., and R. B. Du Vall, assignors to The Dow Chemical Company, Midland, Mich. Alpha-salicyloaliphatic acid esters. 2,116,347; May 3.
- Grether, Ernest F., W. R. Shawver, and R. B. Du Vall, assignors to The Dow Chemical Company, Midland, Mich. Ethylene glycol di(halo-aryloxy acetates). 2,121,220; June 21.
- Grether, Robert, Wilhelmsbad, near Tannau on the Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Mixtures of dyestuffs. 2,118,492; May 24.
- Gretsch, Fred., Manufacturing Co., The. (See Gladstone, William D., assignor.)
- Greulich, Paul J., Fort Wayne, Ind. Electric soldering machine. 2,130,544; Sept. 20.
- Greulich, Gerald G., Mount Lebanon, Pa. Welded structural member. 2,108,373; Feb. 15.
- Greulich, Gerald G., Mount Lebanon, (Pittsburgh), Pa. Structural member. 2,119,708; June 7.
- Greulich, Gerald G., Mount Lebanon, Pa. Double tapered steel post. 2,124,487; July 19.
- Greulich, Gerald G., Mount Lebanon, Pa. Welded joint. 2,127,685; Aug. 23.
- Greulich, Gerald G., Mount Lebanon, Pittsburgh, Pa. Multiple unit beam. 2,130,797; Sept. 20.
- Greulich, Gerald G., Mount Lebanon, Pa. Tapered piling. 2,141,106; Dec. 20.
- Greulich, Gerald G., Mount Lebanon, Pa. Splice for steel bearing piles. 2,141,107; Dec. 20.
- Greune, Heinrich. (See Brunner, A., Greune, Thiele, and Thiess.)
- Greune, Heinrich. (See Kranzlein, G., Greune, and Langbein.)
- Greune, Heinrich. (See Kränzlein, G., Greune, and Thiele.)
- Greune, Heinrich, and M. Thiele, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff sulphonic acids of the dioxazine series and preparing them. 2,115,508; Apr. 26.
- Greune, Heinrich, and E. Sturm, Frankfort-on-the-Main-Hochst, and M. Reuter, Frankfort-on-the-Main-Unterriederbach, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dioxazine sulphonic acids. 2,139,119; Dec. 6.
- Greune, Heinrich, and M. Thiele, Frankfort-on-the-Main-Hochst, and G. Langbein, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff-sulphonic acid of the dioxazine series. 2,139,617; Dec. 6.
- Greve, Robert L., Alhambra, Calif. Framer for rafters. 2,131,279; Sept. 27.
- Greve, Sigmund. (See Lindquist, O. A., and Sibbitt, assignors.)
- Grey Iron Casting Company. (See Coventry, William A., assignor.)
- Grey, Victor, assignor to Teletype Corporation, Chicago, Ill. Tap chuck. 2,141,465; Dec. 27.
- Grgich, Velemir, Columbus, Ohio. Chain-link joint weld ironer. 2,137,648; Nov. 22.
- Griebisch, Franz, Dessau, assignor to T. Junkers, Gauting, near Munich, Germany. Metallic wall structure. 2,108,885; Feb. 22.
- Grieco, Rocco F., Millburn, N. J. Dental instrument. 2,117,844; May 17.
- Grier, John, Fullerton, and L. J. Hopkins, Wasco, Calif. Foot guard. 2,123,417; July 12.
- Grierson, George A. II., assignor to Canadian Allis-Chalmers, Limited, Toronto, Ontario, Canada. Rubber covered impeller. 2,120,277; June 14.
- Griese, Eugene E., Shaker Heights, and F. B. Davis, Cleveland Heights, Ohio. Control device for internal combustion engines. 2,136,500; Nov. 15.
- Griesel, Heinrich, Berlin, Germany. Building construction. 2,118,193; May 24.
- Griesel, Werner, Hamburg, assignor to Johannes Plön, Hamburg-Wilhelmsburg, Germany. Sliding comb. 2,115,460; Apr. 28.
- Grieshaber, Fritz. (See Albrecht, O., Bommer and Grieshaber.)
- Griesinger, John, Los Angeles, Calif., assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Ironing and folding machine. 2,111,770; Mar. 22.
- Griesinger, William K., Lansdowne, assignor to The Atlantic Refining Company, Philadelphia, Pa. Buffing compound. 2,130,128; Sept. 13.
- Grieten, Frederick M., Miami, Fla. Line leveling fishing reel. 2,111,447; Mar. 15.
- Grieve, Price, Shourne, Iowa. Leveling instrument. 2,109,044; Feb. 22.
- Griffel, Henryk, Katowice, Poland. Reinforcing member for reinforced concrete structures. 2,123,239; July 12.
- Griffey, Leon J., and C. C. Herndon, assignors to Haulon-Waters, Inc., Tulsa, Okla. Time control mechanism. 2,106,094; Jan. 18.
- Griffin, Donald N., assignor to The Delster Concentrator Company, Fort Wayne, Ind. Refining gypsum. 2,122,569; July 5.
- Griffin, Eugene E., Providence, R. I. Casting apparatus. 2,140,204; Dec. 13.
- Griffin, George, Paterson, N. J., assignor, by mesne assignments, of three-fourths to M. P. Griffin, and one-fourth to J. W. Steward. Manufacture of attention devices. 2,105,915; Jan. 18.
- Griffin, Herbert, Jersey City, N. J., and A. Kieselmann, Floral Park, assignors to International Projector Corporation, New York, N. Y. Film projecting mechanism. 2,134,916; Nov. 1.
- Griffin, James H. (See Waldron, P. B., and Griffin.)
- Griffin, John B., Oakville, Conn. Radiator protector. 2,131,874; Oct. 4.
- Griffin, Leonard L., Fredericksburg, Va. Photographic printing apparatus. 2,112,828; Apr. 5.
- Griffin, Miller P., et al. (See Griffin, George, assignor.)
- Griffin, Pauline T., Greenville, N. C. Drain pan. 2,126,631; Aug. 9.
- Griffin, Robert O., Berkeley, Calif. Selective filling and finding system. 2,134,715; Nov. 1.
- Griffin, Walter H., executer. (See MacLachlan, Angus.)
- Griffin, William L., Sr., assignor to Nehal Knitting Company, Charlotte, N. C. Hose stripper. 2,136,902; Nov. 15.



- Griffing, Herbert J., assignor to Norton Company, Worcester, Mass. Roll grinding machine. 2,108,310; Feb. 15.
- Griffith, Alan A. (See Helmore, W., and Griffith.)
- Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Sterilizing foodstuffs. 2,107,697; Feb. 8.
- Griffith, Clement F., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Repeating meter. 2,116,785; May 10.
- Griffith, Edward M., Albany, N. Y. Protective device for vehicle windows. 2,119,635; June 7.
- Griffith, James E., Denver, Colo. Forward view mirror for automobiles. 2,132,026; Oct. 4.
- Griffith Laboratories, Inc. (See Griffith, C. L., and Hall, assignors.)
- Griffith Laboratories, Inc., The. (See Hall, Lloyd A., assignor.)
- Griffith, Rolland C., Schenectady, N. Y., assignor to General Electric Company. Arc-back suppressor for electric discharge devices. 2,116,393; May 3.
- Griffith, Ronald G., Upper Warlingham, England. Start-stop telegraph. 2,110,506; Mar. 8.
- Griffith, Ronald G., Upper Warlingham, England. Automatic electric motor starting device for telegraph apparatus. 2,112,773; Mar. 29.
- Griffith Tool Works. (See Bittner, Joseph R., assignor.)
- Griffiths, E. A., et al. (See Neilson, Don M., assignor.)
- Griffiths, Septimus H., Canton, Ohio. Metal mold for casting ingots. 2,110,063; Mar. 1.
- Griffiths, William C. (See Muir, A. C., and Griffiths.)
- Grigg, Arthur F., Metuchen, and J. E. Zeller, Montclair, N. J. Automotive radiator sealing and pressure relief means. 2,105,971; Jan. 18.
- Griggs, Ernest L., Jr., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making packages of artificial yarn. 2,112,597; Mar. 29.
- Griggs, Stephen A. (See Higbee, James F., assignor.)
- Grigoriu, Cesar, Bucharest, Rumania. Target indicator. 2,108,919; Feb. 22.
- Grigsby, Marion W., Chicago, Ill. Shirt. 2,135,502; Nov. 8.
- Grill, Harry E., Willoughby, and H. H. Feldstein, assignors to The Kilby Manufacturing Company, Cleveland, Ohio. Furnace installation. 2,141,649; Dec. 27.
- Grill, Max. (See Michael, Edward F. L., assignor.)
- Grimberg, John, New York, N. Y. Hanger for garments, ties, and the like. 2,114,560; Apr. 19.
- Grimes, Hermon L., Detroit, Mich. Airplane. 2,137,486; Nov. 22.
- Grimes, Warren G., Urbana, Ohio. Incandescent electric lamp. 2,120,836; June 14.
- Grimes, Warren G., Urbana, Ohio. Landing light for airplanes and the like. 2,124,346; July 19.
- Grimm, Eugene E. (See McDonald, Robert T., assignor.)
- Grimm, Oskar, Lengenfeld, Germany. Producing a fabric with close setting of the weft threads. 2,125,339; Aug. 2.
- Grimpe, August H., Wheeling, W. Va. Combined scaffold, ironing board, and table. 2,109,994; Mar. 1.
- Grimwood, Oscar, assignor to one-half to J. H. Graves, Lexington, Ky. Knockdown container. 2,136,847; Nov. 15.
- Grimwood, Walter K. (See Morse, R. S., and Grimwood.)
- Grindall, William H., and A. E. F. Billstein, Altoona, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Track rail flaw detecting apparatus. 2,106,694; Jan. 25.
- Grindrod, George E., Oconomowoc, Wis. Dispersing method. 2,127,026; Aug. 16.
- Grine, Harry A. (See Crawford, B. D., and Grine.)
- Gringer, Rose. (See Davey, John E., assignor.)
- Gringler, Charles S., Cleveland, Ohio. Tooth powder container. 2,119,160; May 31.
- Grinham, Edward C., assignor to one-half to The Standard Motor Company Limited, Coventry, England. Chassis-frame for motor-vehicles. 2,105,144; Jan. 11.
- Grinham, Edward G., and L. H. Dawtrey, Coventry, assignors to one-third to The Standard Motor Company Limited, Canley, Coventry, England. Liner for the cylinders of reciprocating piston machines. 2,110,064; Mar. 1.
- Grinnell, Albert A. (See Whedon, L. G. S., and Grinnell.)
- Grinsted, William H. (See Sutton, G. W., and Grinsted.)
- Griplock, Inc. (See Watt, B. L., and Smith, assignors.)
- Griscom-Russell Company, The. (See Price, Joseph, assignor.)
- Griscom-Russell Company, The. (See Ris, Kenneth B., assignor.)
- Griscom, Samuel B., Pittsburgh, and H. C. Nycum, Wilkesburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,114,838; Apr. 19.
- Grisdale, George W. (See Spitzglass, A. F., and Grisdale.)
- Grisdale, George W., Chicago, Ill. Recording instrument. 2,118,081; May 24.
- Grisdale, George W., assignor to Republic Flow Meters Company, Chicago, Ill. Measuring instrument. 2,123,724; July 12.
- Grisdale, George W., assignor to Republic Flow Meters Company, Chicago, Ill. Chart mounting for recording instruments. 2,134,873; Nov. 1.
- Grisdale, George W., assignor to Republic Flow Meters Company, Chicago, Ill. Differential draft gauge. 2,138,152; Nov. 29.
- Grisdale, George W., assignor to Republic Flow Meters Company, Chicago, Ill. Gas-purifying device. 2,138,153; Nov. 29.
- Grisell, Lowell H., Highland Park, Mich. Fuel pump. 2,109,970; Mar. 1.
- Grisell, Lowell H., Highland Park, Mich. Shaft sealing device. 2,114,489; Apr. 19.
- Grisson, Joseph, New York, N. Y., assignor to National Fire Detector Corporation. Fire alarm and extinguisher. 2,119,103; May 31.
- Grissel, Susan A., Wayne, Mich. Umbrella. 2,114,598; Apr. 19.
- Griswold, Arthur S. (See Felger, R. G., McLellan, Griswold and Dubry.)
- Griswold, Donald G., Alhambra, Calif., assignor to Clayton Manufacturing Company. Flow control faucet for beer or the like. 2,126,991; Aug. 16.
- Griswold, Frederick C., Port Jefferson, N. Y. Fishline reel. 2,120,068; June 7.
- Griswold, Frederick C., Port Jefferson, N. Y. Fishline reel. 2,120,069; June 7.
- Griswold, Hugh T., San Francisco, Calif., assignor to Owens-Illinois Pacific Coast Company. Closure. 2,138,376; Nov. 29.
- Griswold Manufacturing Company, The. (See Anderson, Carl R., assignor.)
- Griswold, Roger W., II, Old Lyme, assignor to United Aircraft Corporation, East Hartford, Conn. Slotted deflector flap. 2,117,607; May 17.
- Griswold, Wade E., New York, N. Y. Printing member and producing same. 2,107,294; Feb. 8.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,106,841; Feb. 1.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle braking mechanism. 2,127,294; Aug. 16.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,135,477; Nov. 1.
- Grobe, Julius J. (See Wantz, J. B., and Grobe.)
- Grobel, Lloyd P., Schenectady, N. Y., assignor to General Electric Company. Lubricant. 2,134,554; Oct. 25.
- Gröbl, Josef. (See Glasser, H., and Gröbl.)
- Grodka, Frederick, Berlin, Germany, assignor to Progress Corporation, New York, N. Y. Cuticle remover. 2,116,888; May 10.
- Groeling, Charles, Chicago, Ill., assignor to Parke, Davis & Company, Detroit, Mich. Carton. 2,104,195; Jan. 4.
- Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Four-spindle drum type crankshaft lathe. 2,138,522; Nov. 29.
- Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Method of machining crankshafts. 2,141,466; Dec. 27.
- Groene, Willard L., Cincinnati, and E. R. Shipley, Hamilton, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Orbital broaching lathe. 2,126,462; Aug. 9.
- Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,104,481; Jan. 4.
- Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Chuck. 2,106,501; Jan. 25.
- Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Resilient work driving means. 2,109,371; Feb. 22.
- Groene, William F., assignor to R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Orbital lathe. 2,138,964; Dec. 6.
- Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,110,266; Mar. 8.
- Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,113,509; Apr. 5.
- Groene, William F., and R. M. Bacon, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Center drive camshaft lathe. 2,124,347; July 19.
- Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,128,359; Aug. 30.
- Groene, William F., R. M. Bacon, and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Hydraulic lathe transmission. 2,124,348; July 19.
- Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,129,271; Sept. 6.
- Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,131,698; Sept. 27.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Defecator with integral tank and integral evacuator. 2,110,361; Mar. 8.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Seat for toilet and other sanitary receptacles. 120,493; June 14.



- Groesbeck, Harry A., Jr., Chappaqua, assignor to Sterling Engraving Company, New York, N. Y. Producing green negatives. 2,123,830; July 12.
- Groeschel, Sidney C., and A. G. Dawson, Columbia, S. C. Badge. 2,107,698; Feb. 8.
- Groeschel, Sidney C., Columbia, S. C., and A. G. Dawson, Oteen, N. C. Door dumper. 2,107,699; Feb. 8.
- Groff, Frazier, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Making plastic compositions. 2,120,934; June 14.
- Groff, Frazier, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Plastic compositions and shaping the same. 2,120,935; June 14.
- Groff, Frazier, Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Composite material. 2,123,155; July 5.
- Grogan, Edgar N., Raleigh, N. C. Radiator siphon trap. 2,104,367; Jan. 4.
- Groh, Wilfred, Gravenhurst, Ontario, Canada. Automatic control for fuel mixing devices. 2,111,855; Mar. 22.
- Groll, Herbert P. A. (See Beec, O., Burgin, and Groll.)
- Groll, Herbert P. A. (See Millar, K. W., and Groll.)
- Groll, Herbert P. A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Alpha-substituted glycerol nitrates. 2,139,364; Dec. 6.
- Groll, Herbert P. A., and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Stabilization of unsaturated carbonylic compounds. 2,105,284; Jan. 11.
- Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of carbonylic compounds. 2,106,347; Jan. 25.
- Groll, Herbert P. A., Berkeley, and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Hydrogenation of unsaturated ethers and esters. 2,122,812; July 5.
- Groll, Herbert P. A., and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of polyhydric alcohols. 2,122,813; July 5.
- Groll, Herbert P. A., and G. Hearne, Berkeley, and J. Burgin and D. S. La France, Oakland, Calif., assignors to Shell Development Company. Halo-substitution of unsaturated organic compounds. 2,130,084; Sept. 13.
- Gronberg, Victor, assignor to Art Metal Construction Company, Jamestown, N. Y. Credit reference equipment. 2,113,804; Apr. 12.
- Gronberg, Victor A. (See Jones, J. R., and Gronberg.)
- Grondahl, Alfred G., Chicago, Ill. Vertical drop water power. 2,104,984; Jan. 11.
- Grondahl, Alfred G., Chicago, Ill. Water wheel with vertical axis. 2,112,889; Apr. 5.
- Grondahl, Jens K., Red Wing, Minn. Fire alarm. 2,124,488; July 19.
- Grondahl, Lars O. (See Place, W. P., Bossart, and Grondahl.)
- Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,108,483; Feb. 15.
- Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric train signaling system. 2,112,364; Mar. 29.
- Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,120,837; June 14.
- Gröner, Erich. (See Röhm, O., Schottenhammer, and Gröner.)
- Gronningsaeter, Anton M., Crestwood, N. Y., assignor to Falconbridge Nickel Mines Limited, Toronto, Ontario, Canada. Production of malleable and annealable nickel direct by electrolysis. 2,115,019; Apr. 26.
- Grontkowski, Raymond B., West Hazelton, Pa. Embalming machine and aspirator. 2,118,704; May 24.
- Groom, Agnes N., and A. J. Moore, Pittsburgh, Calif. Refuse disposal device for vacuum cleaner bags. 2,140,995; Dec. 20.
- Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,125,070; July 26.
- Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,129,373; Sept. 6.
- Gros, Henry G., Oakville, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,114,445; Apr. 19.
- Grose Henry B., Augusta, Ga. Individual tooth brush holder. 2,118,465; May 24.
- Grosian, James E. (See Macomber, Naum J., assignor.)
- Groskopf, Edwin O., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Aqueous emulsion of waterproofing material. 2,104,077; Jan. 4.
- Gross, Carl G. (See Thomsen, W. A. V., Gross, and Luc.)
- Gross, Carl G., Mount Vernon, assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Electric switch. 2,125,439; Aug. 2.
- Gross, Charles, Detroit, Mich., assignor to Transportation Systems Inc., Tulsa, Okla. Combined road and rail vehicle. 2,116,786; May 10.
- Gross, Court, assignor to Motoraktieselskapet, Oslo, Norway. Rotating valve for internal combustion engines. 2,116,022; May 3.
- Gross, Frederick B. (See Fellers, W. M., and Gross.)
- Gross, Harry. (See Shiffman, J., and Gross.)
- Gross, Henry R. (See Clarke, Henry B., assignor.)
- Gross, Henry R. (See Clarke, H. B., and Booth, assignors.)
- Gross, Howard H. (See Manley, R. E., McCarty, and Gross.)
- Gross, Howard H., Beacon, and W. Kiersted, Jr., Scarsdale, assignors to The Texas Company, New York, N. Y. Dewaxing wax-bearing oil. 2,137,208; Nov. 15.
- Gross, John. (See Dean, R. S., and Gross.)
- Gross, John A., Wilmette, Ill., assignor to Thompson Products Incorporated, Cleveland, Ohio. Joint. 2,110,148; Mar. 8.
- Gross, John H., New York, N. Y. Game and apparatus. 2,126,006; Aug. 9.
- Gross, Malvern J. (See Mesick, H. F., Jr., and Gross.)
- Gross, Malvern J., and Z. J. Atlee, Chicago, Ill., assignors to General Electric X-Ray Corporation. X-ray tube. 2,118,434; May 24.
- Gross, Malvern J., and Z. J. Atlee, Chicago, Ill., assignors to General Electric X-Ray Corporation. X-ray apparatus. 2,121,630; June 21.
- Gross, Malvern J., and Z. J. Atlee, Chicago, Ill., assignors to General Electric X-Ray Corporation. X-ray tube. 2,121,631; June 21.
- Gross, Malvern J., and Z. J. Atlee, Chicago, Ill., assignors to General Electric X-Ray Corporation. X-ray tube. 2,121,632; June 21.
- Gross, Malvern J., and Z. J. Atlee, Chicago, Ill., assignors to General Electric X-Ray Corporation. Shockproof radiographic tube. 2,141,860; Dec. 27.
- Gross, May J., Philadelphia, Pa. Gripping fastener. 2,111,664; Mar. 22.
- Gross, Otto J., and J. H. Woolhiser, Elmhurst, N. Y. Thermostatic control device. 2,106,001; Jan. 18.
- Gross, Philip S., Brooklyn, N. Y. Educational appliance. 2,141,747; Dec. 27.
- Gross, Walter. (See Baehr, H., and Gross.)
- Gross, Walter, Lakewood, Ohio. Liquid dispenser. 2,113,048; Apr. 5.
- Gross, William L., Brooklyn, N. Y. Watch holder construction. 2,124,945; July 26.
- Grosscup, Charles G., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Producing phenolic compounds. 2,115,332; Apr. 26.
- Grosse, Aristid V. (See Ipatieff, V., and Grosse.)
- Grosse, Aristid V. (See Morrell, J. C., and Grosse.)
- Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,566; July 26.
- Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,567; July 26.
- Grosser, Herman A., Summerville, Pa. Tie plate. 2,127,403; Aug. 16.
- Grosser, Mary, Chicago, Ill. Combined crib and wardrobe. 2,109,267; Feb. 22.
- Grosser, Nelson O., Prince Albert, Saskatchewan, Canada. Automatic feed drill. 2,104,123; Jan. 4.
- Grossman, Matilda, Philadelphia, Pa. Kitchen cabinet. 2,127,594; Aug. 23.
- Grossmann, Gustav, Berlin-Zehlendorf-West, Germany. Apparatus for making radiographs more particularly of body sections. 2,110,953; Mar. 15.
- Grossmann, Gustav, Berlin-Zehlendorf-West, Germany. Apparatus for making radiographs. 2,110,954; Mar. 15.
- Grosso, Patrick P., Brooklyn, N. Y. Adjustable angle surgical instrument. 2,109,147; Feb. 22.
- Grote, Wolfgang, E. Hundsdörfer, and J. Moos, assignors to the firm Edeleann Gesellschaft m. b. H., Berlin, Germany. Separating saturated and unsaturated higher aliphatic organic compounds from mixtures thereof. 2,113,960; Apr. 12.
- Grote, Wolfgang, and A. Hoppe, Berlin-Wilmersdorf, Germany, assignors to Edeleann Gesellschaft m. b. H. Manufacture of improved lubricating oils. 2,129,616; Sept. 6.
- Grotelite Company, The. (See Jeffery, Harold L., assignor.)
- Grotelite Company, The. (See Ryder, Charles D., assignor.)
- Groth, Clarence C., New York, N. Y. Internal combustion engine. 2,123,302; July 12.
- Groth, William H. (See Wynd, C. L., and Groth.)
- Grotte, Frank A., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,126,383; Aug. 9.
- Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Circular knitting machine. 2,117,245; May 10.
- Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Pattern drum control means. 2,138,738; Nov. 29.
- Groulx, John E., Bay City, Mich. Screen for tobacco pipes. 2,129,120; Sept. 6.
- Groven, Frederick J., Highland Park, assignor to Ford Motor Company, Dearborn, Mich. Electric switch. 2,104,420; Jan. 4.
- Grover, Elliott E. (See Eaker, S. C., and Grover.)
- Grover, Elliott E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Freezing tray. 2,113,940; Apr. 12.
- Grover, Ray, Milwaukee, Wis. Furnace blower mounting. 2,135,252; Nov. 1.



- Grover, Victor T., Irvington, N. J., assignor to American Can Company, New York, N. Y. Control for can making machinery. 2,114,297; Apr. 19.
- Groves, George R., assignor to United Research Corporation, Burbank, Calif. Sound recording. 2,113,834; Apr. 12.
- Groves, Hazel L. (See Dockham, Herbert A., assignor.)
- Grounds, Fred A., assignor, by mesne assignments, to The Martin Wagon & Trailer Company, Lufkin, Tex. Dump truck trailer. 2,135,871; Nov. 8.
- Growdon, Leonard R., Chillicothe, assignor, by mesne assignments, to K. C. M. Company, Dayton, Ohio. Paper manufacture. 2,121,540; June 21.
- Grozier, Thomas H., Greenwich Point, Sydney, New South Wales, Australia. Arresting dust and fluff from machines or appliances for cutting paper and other fibrous materials. Re. 20,687; Apr. 5.
- Grubb, Harry C., Mechanicsburg, Ohio. Vegetable crisping cabinet. 2,113,344; Apr. 5.
- Grubb, Herbert H., Baraboo, Wis. Stall. 2,107,477; Feb. 8.
- Grubb, Joel N. (See Darnell, E., Enoch, Grubb, and Freeman.)
- Grubb, William B., Sr., Ventnor, N. J., assignor of one-half to W. White, Brooklyn, N. Y. Automobile lock. 2,120,590; June 14.
- Grubb, William J., New York, N. Y. Tie and collar holder. 2,130,640; Sept. 20.
- Grubb, William J., Martinsburg, W. Va. Skate. 2,130,641; Sept. 20.
- Grubb, William J., Martinsburg, W. Va. Skate blade holder. 2,130,642; Sept. 20.
- Grubbs, Robert A. (See Kerr, W. A., and Grubbs.)
- Grube, Heinrich, assignor to Gebr. Eickhoff, Maschinenfabrik und Eisengießerei, Bochum, Germany. Shaking conveyer. 2,111,771; Mar. 22.
- Grube, Karl, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Coiling device. 2,119,847; June 7.
- Gruber, Clarence E. and W. F., French Lick, Ind. Box. 2,105,243; Jan. 11.
- Gruber, Edward, assignor to Allyn Laboratories, Inc., Cleveland, Ohio. Temperature responsive device. 2,123,568; July 12.
- Gruber, William F. (See Gruber, Clarence E. and W. F.)
- Gruebel, Peter J., Glendale, Long Island, N. Y. Adjustable yarn winder. 2,138,299; Nov. 29.
- Gruen Watch Company, The. (See Katz, Benjamin S., assignor.)
- Gruender, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Crushing machine. 2,107,786; Feb. 8.
- Gruender, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Double acting jaw crusher. 2,131,801; Oct. 4.
- Grumbacher, Walter, New York, N. Y. Brush. 2,122,980; July 5.
- Grumbacher, Walter, New York, N. Y. Spiral binding. 2,123,149; July 5.
- Grumbacher, Walter, assignor to Spiral Binding Co., Inc., New York, N. Y. Spiral binding. 2,134,400; Oct. 25.
- Grumbacher, Walter, assignor to Spiral Binding Co., Inc., New York, N. Y. Binding construction and method. 2,136,878; Nov. 15.
- Grumke, Earl W., St. Paul, Minn. Carving machine bit. 2,107,787; Feb. 8.
- Grün, Adolf, Basel, Switzerland, assignor, by mesne assignments, to Bohme Petchemie-Gesellschaft m. b. H., Chemnitz, Germany. Production of amines of high molecular weight. 2,104,421; Jan. 4.
- Grün, Adolf, Basel, Switzerland, assignor to American Hyalcol Corporation, Wilmington, Del. Production of glycols and their esters from fatty acids. 2,119,674; June 7.
- Grün, Adolf, Basel, Switzerland, assignor to American Hyalcol Corporation, Wilmington, Del. Production of high molecular glycols and esters thereof. 2,138,917; Dec. 6.
- Grunberg, W., dit Greg. Wsevolode, Paris, France. Watercraft. 2,139,303; Dec. 6.
- Grund, William, Detroit, Mich. Gauge for masonry joints. 2,132,027; Oct. 4.
- Grundeman, Otto H., Holton, Kans. Reinforced concrete land packer. 2,114,140; Apr. 12.
- Grundmann, Gustave L., Westmont, N. J., assignor to Radio Corporation of America. Adjustable ultra high frequency oscillator. 2,117,090; May 10.
- Grundstein, Julius, assignor to Gesellschaft des lechten Naxos-Schmirelgs Naxos-Union Schmirel-Dampfwerk, Frankfurt a. M., Julius Pfungst, Frankfurt-on-the-Main, Germany. Machine tool. 2,104,299; Jan. 4.
- Grundstrom, Erik G., Chicago, Ill. Heat resisting trouser leg. 2,127,355; Aug. 16.
- Grundstrom, Erik G., assignor to Advance Aluminum Castings Corp., Chicago, Ill. Making castings. 2,109,530; Mar. 1.
- Grundy, Francis W., Rainford, near St. Helens, assignor to Rainford Potteries Limited, Rainford, England. Tile or slab made from ceramic or like materials. 2,120,742; June 14.
- Gruener, Hans. (See Williams, C. F., and Gruener.)
- Gruener, William J., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Hip boot. 2,130,632; Sept. 20.
- Grunig, Bernhard C., Chicago, Ill. Coin chute. 2,135,710; Nov. 8.
- Grünschneider, Hans. (See Koeppen, H., and Grünschneider.)
- Grunwald, Albert C. (See Birr, R. G., and Grunwald.)
- Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Indicator mechanism. 2,127,356; Aug. 16.
- Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel dispensing apparatus. 2,138,154; Nov. 29.
- Grunwald, Bertrand B., deceased, by D. H. Grunwald, administratrix, Alameda, Calif. Dolomitic magnesium carbonate composition and preparation. 2,131,374; Sept. 27.
- Grunwald, Dorothy H., administratrix. (See Grunwald, Bertrand B.)
- Grunwald, Joseph. (See Hugvik, Steven, assignor.)
- Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Making coated cans. 2,124,853; July 26.
- Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Cigarette paper booklet. 2,132,340; Oct. 4.
- Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Magazine cover and producing same. 2,132,341; Oct. 4.
- Grupe, William F., Lyndhurst, assignor to Peerless Roll Leaf Co., Inc., Union City, N. J. Adhesive coated metallic film. 2,138,854; Dec. 6.
- Gruse, William A. (See Hjerpe, E. B., and Gruse.)
- Gruse, William A. (See Stevens, D. R., and Gruse.)
- Gruskin, Benjamin, Philadelphia, Pa., assignor to Lakeland Foundations, Chicago, Ill. Therapeutic agent for use in the treatment of infection. 2,120,667; June 14.
- Gruttmann, Franz, Cologne, Germany. Control stamp. 2,115,767; May 3.
- Gruzner, Fritz P., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine silencing hood. 2,123,358; July 12.
- Gruver, Frank S., Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Gauge. 2,125,016; July 26.
- Gschöpf, Richard, and K. Pokorny, Vienna, Austria; said Pokorny assignor to said Gschöpf. Producing photographic image carriers provided with precipitants for coloring dyes. 2,124,371; July 19.
- Gualtiere, Julius, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Riveting machine. 2,127,357; Aug. 16.
- Guaranteed Parts, Inc. (See Dodge, Sherwood O.)
- Guardian Merchandising Corporation. (See Monnet, Georges, assignors.)
- Guardian Safety Seal Company. (See Fabrice, Edward H., assignor.)
- Guardite Corporation, The. (See Baer, John M., assignor.)
- Guardite Corporation, et al. (See Baer, J. M., and Collins, assignors.)
- Guardite Corporation. (See Doyle, Frank B., assignor.)
- Guardite Corporation, The. (See Hirschl, M. A., and Merriam, assignors.)
- Guarino, Domenica, et al. (See Fortuna, Frank, assignor.)
- Guarnaschelli, Stephen, Brooklyn, N. Y., assignor to Packless Metal Products Corporation. Flexible tube coupling. 2,112,238; Mar. 29.
- Guarnaschelli, Stephen, Brooklyn, N. Y., assignor, by mesne assignments, to Packless Metal Products Corporation. Leakproof coupling for metal tubing. 2,112,239; Mar. 29.
- Guarnaschelli, Stephen, Brooklyn, assignor to Packless Metal Products Corporation, New York, N. Y. Coupling for metal tubing. 2,128,459; Aug. 30.
- Guay, Desiré, Boston, Mass. Knitted fabric and making the same. 2,114,021; Apr. 12.
- Guba, Raymond A., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric. 2,123,893; July 19.
- Guba, Raymond J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Conveyor belt. 2,114,180; Apr. 12.
- Guba, Raymond J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Conveyor belt. 2,114,181; Apr. 12.
- Guba, Raymond J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Conveyor belt. 2,114,182; Apr. 12.
- Guba, Raymond J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric and making the same. 2,125,717; Aug. 2.
- Guba, Raymond J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric and making the same. 2,127,358; Aug. 16.
- Guba, Raymond J., Philadelphia, Pa., assignor to Audubon Wire Cloth Corporation. (Woven wire fabric. 2,135,333; Nov. 1.)
- Guba, Raymond J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric belt structure. 2,139,495; Dec. 6.
- Guberan, Christian, Augsburg, Germany. Portable advertising device. 2,134,300; Oct. 25.
- Gubler, Emil, assignor to the firm Durand & Huguensin S. A., Basel, Switzerland. Printing with mordant dye-stuffs. 2,131,320; Sept. 27.



- Guckes, George C. (See Gardella, Albert B., assignor.)
- Gudie, Ray W. (See Armentrout, A. L., and Gudie.)
- Gudmundsen, Austin, Wauwatosa, Wis. Unit air conditioner. 2,118,044; May 24.
- Gudmundsen, Austin, assignor to Gudmundsen-Stratton Laboratories, Inc., Milwaukee, Wis. Water softener. 2,117,091; May 10.
- Gudmundsen-Stratton Laboratories, Inc. (See Gudmundsen, Austin, assignor.)
- Guedon, Emile C. (See Sinnett, C. M., and Guedon.)
- Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Transducer. 2,124,296; July 19.
- Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Phonograph stop. 2,132,615; Oct. 11.
- Guenther, Fritz, and H. Holsten, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphamic acid substance. 2,108,886; Feb. 22.
- Guenther, Fritz, and H. Holsten, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphamic acid substance. 2,108,887; Feb. 22.
- Guenther, George A. and H. V. Buffalo, assignors to L. H. Ballou, Lockport, N. Y. Control mechanism for gas burners. 2,134,083; Oct. 25.
- Guenther, Howard V. (See Guenther, George A. and H. V.)
- Guerin, Henry E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Cutting and forming sheet material. 2,133,445; Oct. 18.
- Guerin, Norba W., Connerville, Ind. Arch support. 2,129,321; Sept. 6.
- Guerin, Wilfred L., New Orleans, La. Suspender shirt. 2,129,577; Sept. 6.
- Guerlain Inc. (See Fouinat, Jacques, assignor.)
- Guernsey, Charles O., Yeadon, Pa. Clutch control apparatus. 2,109,420; Feb. 22.
- Guerin, Gilles, Amelia, Ohio. Saw guard. 2,106,321; Jan. 25.
- Guertler, William. (See Gödecke, W., and Guertler.)
- Guest, James J., Knee Hill, Abbey Wood, England. Gearing. 2,128,815; Aug. 30.
- Guest, John F., Kelowna, British Columbia, Canada, assignor of one-half to J. L. Rosenberg, New York, N. Y. Riffle. 2,106,027; Jan. 18.
- Guett, Monroe. (See Schleicher, H. E., and Guett.)
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Thermostatic switch. 2,116,394; May 3.
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric circuit breaker with overload release. 2,119,459; May 31.
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Resettable circuit interrupter. 2,121,691; June 21.
- Guett, Monroe, and R. H. Bentley, assignors to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric switch construction. 2,105,415; Jan. 11.
- Guettler, Herbert W., Glencoe, Ill. Combined barking and washing drum. 2,140,287; Dec. 13.
- Guffra, Joseph A., Portola, Calif. Automatic locomotive flange oiler. 2,106,924; Feb. 1.
- Guggenbuehler, Carl F., New York, N. Y. Universal utility extension mop. 2,134,301; Oct. 25.
- Guggenheim Brothers. (See Smith, Elias A. C., assignor.)
- Guggenheim, Max M., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Cooling drum. 2,104,558; Jan. 4.
- Gugino, Carmelo, Buffalo, N. Y. Stringed musical instrument. 2,113,446; Apr. 5.
- Guha, Jatindra N., assignor to H. S. Hateshi, Los Angeles, Calif. Preserving fresh fruits. 2,126,958; Aug. 16.
- Guiberson Corporation, The. (See Crickmer, Charles S., assignor.)
- Guiberson Corporation, The. (See Guiberson, Samuel A., III, assignor.)
- Guiberson Corporation, The. (See Guiberson, W. R., and Pranger, assignors.)
- Guiberson Corporation, The. (See Owen, Jack C., assignor.)
- Guiberson Corporation, The. (See Pranger, Albert, assignor.)
- Guiberson Corporation, The. (See Pranger, A., and Carlington, assignors.)
- Guiberson Corporation, The. (See Thaheld, Feri A., assignor.)
- Guiberson, Samuel A., III, assignor to The Guiberson Corporation, Dallas, Tex. Anchoring device. 2,106,392; Jan. 25.
- Guiberson, Samuel A., III, assignor to The Guiberson Corporation, Dallas, Tex. Well tubing catcher. 2,135,253; Nov. 1.
- Guiberson, William R., Los Angeles, Calif., and A. Pranger, assignors to The Guiberson Corporation, Dallas, Tex. Drilling head. 2,126,007; Aug. 9.
- Guide Lamp Corporation. (See Arbuckle, Samuel F., assignor.)
- Guldorossi, Giuseppe, Milan, Italy. Harmonious melting of combined theater and cinematograph exhibitions. 2,116,114; May 3.
- Guldraz, Romain A., assignor of twenty-five per cent to C. E. Davlet and twenty-five per cent to L. E. Davlet, Lockport, La. Tractor. 2,141,530; Dec. 27.
- Guiducci, Igino, Tivoli, Italy. Locking washer for nuts. 2,124,249; July 19.
- Guignon, Emile S., Jr., Kansas City, Mo. Building block. 2,134,941; Nov. 1.
- Guild, Archibald T., Saratoga Springs, assignor to Van Raalte Company, North Tonawanda, N. Y. Warp tensioning control. 2,133,507; Oct. 18.
- Guild, Herbert C., New York, N. Y. Gas compressor and clearance varying means therefor. 2,118,843; May 31.
- Guildford, Joseph R., Regina, Saskatchewan, Canada. Compression stop and drain valve. 2,116,626; May 10.
- Guillon, Emile, and J. Perrault, Valmarie, Saskatchewan, Canada. Spark plug. 2,108,332; Feb. 15.
- Guillot, Eugene, Helena, Mont. Garment measuring device. 2,109,823; Mar. 1.
- Guillot, Eugene, Helena, Mont. Garment hanger. 2,111,772; Mar. 22.
- Guin, Lester W., Mishawaka, assignor to South Bend Current Controller Company, South Bend, Ind. Electrical apparatus. 2,106,211; Jan. 25.
- Guinot, Henri M., Niort, Deux-Sevres, assignor to Usines de Melle, Melle, France. Manufacture of esters, especially of ethyl acetate. 2,136,613; Nov. 15.
- Guinot, Henri M., Niort, Deux-Sevres, assignor to Usines de Melle, Melle, France. Hydration of olefines. 2,139,953; Dec. 13.
- Guinn, Claude, Kilgore, Tex. Quick action rod coupling for pumping wells. 2,113,508; Apr. 5.
- Guinn, James G., Vivian, La. Electric plug lock. 2,104,945; Jan. 11.
- Guinzburg, Roland H., Flushing, assignor to I. B. Kleintert Rubber Company, New York, N. Y. Making hollow rubber articles. 2,124,854; July 26.
- Guion, Louis I., Jr., Lugoff, S. C. Mounting. 2,121,290; June 21.
- Guiraud, Henry, Nancy, France. Transmitting gear with variable speed. 2,127,814; Aug. 23.
- Guire, Henry G., and A. L. Chalfonte, deceased, by C. S. Chalfonte, administrator, Trenton, N. J., assignors, by mesne assignments, to National Printing Appliance Corporation, New York, N. Y. Apparatus for cleaning matrices and magazines. 2,112,365; Mar. 29.
- Guirl, Paul R. (See Barnes, J. S., Guirl, and Svenson.)
- Guiterman, Kenneth S., Hewlett Bay Park, Hewlett, N. Y. Shingle. 2,117,092; May 10.
- Guiterman, Kenneth S., Hewlett Bay Park, Hewlett, N. Y. Strip roofing with shingled effect. 2,120,278; June 14.
- Guldbach, Carl C., Bronx, N. Y. Dough twisting machine. 2,132,158; Oct. 4.
- Gulden, Kenneth C., assignor of one-half to J. P. Johnson, St. Paul, Minn. Dispensing container. 2,136,338; Nov. 8.
- Gulf Cone Co. (See Johnson, Jesse B., assignor.)
- Gulf Engineers Inc. (See Keil, Otto G., assignor.)
- Gulf Oil Corporation. (See Cantrell, T. L., and Turner, assignors.)
- Gulf Oil Corporation. (See Franklin, Leslie U., assignor.)
- Gulf Oil Corporation. (See McCoy, William K., assignor.)
- Gulf Oil Corporation. (See Ostergaard, Povl, assignor.)
- Gulf Research & Development Company. (See Chenault, Roy L., assignor.)
- Gulf Research & Development Company. (See Hjerpe, E. B., and Gruse, assignors.)
- Gulf Research & Development Company. (See Hoyt, Archer, assignor.)
- Gulf Research & Development Company. (See Hunter, Benjamin F., assignor.)
- Gulf Research & Development Company. (See Kennedy, H. T., and Wescott, assignors.)
- Gulf Research & Development Company. (See Muskat, Irving E., assignor.)
- Gulf Research & Development Company. (See Rusler, George W., assignor.)
- Gulf Research & Development Company. (See Stevens, D. R., and Gruse, assignors.)
- Gulf Research & Development Company. (See Vacquier, Victor V., assignor.)
- Gulf Coast Machine & Supply Company. (See O'Neal, James C., assignor.)
- Gulfelt, Lars, Redford, Mich. Tool holder. 2,136,190; Nov. 8.
- Gulick, Charles L., et al. (See Seyfarth, Alfred, assignor.)
- Gull, Rudolf, Afton, assignor to Anheuser Busch, Inc., St. Louis, Mo. Manufacturing beer. 2,136,685; Nov. 15.
- Gulla, Alexander, Beaver, Pa. Poultry fountain cage. 2,138,544; Nov. 29.
- Gullborg, John S., Chicago, Ill. Window lock. 2,117,316; May 17.
- Gullborg, John S., Chicago, Ill. Actuator for hinged closures. 2,122,570; July 5.
- Gullett Gln Company. (See Wallace, Jeffrey J., assignor.)
- Gullette, Willis S., Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y. Heating. 2,127,815; Aug. 23.
- Gullette, Willis S., Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining. 2,132,159; Oct. 4.
- Gullich, Kurt, assignor to Bismut G m b H, Mannheim, Germany. Process and apparatus for the manufacture of patterned articles. 2,137,104; Aug. 16.



- Gullicksen, Willard A., assignor to Churchill Cabinet Company, Chicago, Ill. Telephone booth. 2,140,474; Dec. 13.
- Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,140,355; Dec. 13.
- Gullo, Anthony, San Jose, Calif. Shock absorber. 2,135,749; Nov. 8.
- Gullo, Samuel S., and P. W. Browne, New Orleans, La. Light-excluding cover for bottle beverage cases. 2,116,431; May 3.
- Gumaer, Percy W., West Englewood, N. J. Method and apparatus for electrical precipitation of dust. 2,114,682; Apr. 19.
- Gumbel, Edward. (See Fiore, Casimir, assignor.)
- Gump, B. F., Co. (See Berry, Eugene G., assignor.)
- Gump, B. F., Co. (See Berry, E. G., and Reimuller, assignors.)
- Gump, B. F. Company. (See Hazle, Albert J., Jr., assignor.)
- Gump, B. F., Co. (See Rose, William, assignor.)
- Gunby, Olin B. (See Klinedinst, M. S., Gunby, and Belar.)
- Gund, Felix. (See Morschel, H., Rimele, and Gund.)
- Gundelfinger, Alan M., assignor to Cinecolor, Inc., Los Angeles, Calif. Treating photographic film. 2,141,354; Dec. 27.
- Gundelfinger, William E., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric stove construction. 2,133,508; Oct. 18.
- Gundersen, Daniel T., assignor to The American Rolling Mill Company, Middletown, Ohio. Measuring the magnetic properties of metal shapes of commercial sizes and apparatus therefor. 2,138,965; Dec. 6.
- Gundersen, Jacob A., Kenmore, N. Y. Fur cutting machine. 2,112,839; Apr. 5.
- Gunderson, Lewis O., assignor to Electro-Chemical Engineering Corporation, Chicago, Ill. Proportioning motor. 2,127,730; Aug. 23.
- Gunderson, Lewis O., and O. W. Carrick, assignors to Electro-Chemical Engineering Corporation, Chicago, Ill. Automatic boiler water conditioner and blow-off system. 2,132,028; Oct. 4.
- Gundlach, Henry R., Baltimore, Md., assignor to Central Commercial Company. Roofing granule and coloring same. 2,123,419; July 12.
- Gundlach, Howard F., Cleveland, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Surface decorating mechanism. 2,114,299; Apr. 19.
- Gundlach, Howard F., Cleveland, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Printing roll. 2,114,378; Apr. 19.
- Gundlach, Rudolph, Warsaw, Poland. Periscope for armored vehicles. 2,130,006; Sept. 13.
- Gundlfinger, Karl. (See Hebel, M., and Gundlfinger.)
- Gundrey, Harley J., Warren, Ill. Rotary swing or roundabout. 2,119,988; June 7.
- Gunite and Waterproofing Limited. (See Doull, Robert M., assignor.)
- Gunn, Ross, Washington, D. C. Apparatus for indicating small electromotive forces. 2,114,298; Apr. 19.
- Gunn, Ross, Washington, D. C. Measuring speed and distance by radiant energy. 2,134,716; Nov. 1.
- Gunn, Thomas M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Rotary power device. 2,112,890; Apr. 5.
- Gunnarson, Enoch C., Brooklyn, N. Y. Demountable ring. 2,119,327; May 31.
- Gunnelius, Hans A. G., and N. H. Liander, Stockholm, Sweden. Recovery of type metal and similar alloys. 2,125,226; July 26.
- Gunning, Russell, Tipton, Ind. Grease gun filler. 2,128,529; Aug. 30.
- Gunnlaugsson, Skúli, Rio Vista, Calif. Tobacco pipe. 2,118,026; May 17.
- Gunsbourg, Arcadius, Brussels, Belgium. Ring-shaped element of prismatic section for improving the luminosity of electric lamps. 2,123,942; July 19.
- Gunter, Howard H., Baltimore, Md. Automobile lift. 2,108,888; Feb. 22.
- Günther, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Wetting, cleansing, and emulsifying agent. 2,130,668; Sept. 20.
- Günther, Hermann, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine safety device. 2,116,889; May 10.
- Günther, Ludwig. (See Amann, M., Günther, and Lahl.)
- Günther, Max. (See Lederle, E., Günther, and Brill.)
- Guntrip, Frederick E., Santa Barbara, Calif. Anesthetic. 2,126,463; Aug. 9.
- Guntrip, Frederick E., Santa Barbara, Calif. Container. 2,135,503; Nov. 8.
- Gurber, Samuel, West Tulsa, Okla. Concrete building construction. 2,115,949; May 3.
- Gurley, Lyle C., Denver, Colo. Trailer hitch. 2,115,629; Apr. 26.
- Gurney, Albert J., assignor to The American Mine Door Company, Canton, Ohio. Steak slicing and dicing machine. 2,131,397; Sept. 27.
- Gurney, D. B., Company. (See Baker, E. C., and Manson, assignors.)
- Gurney, William W., Winona, Minn., assignor to Madison Silo Company, Madison, Wis. Silo chute. 2,105,145; Jan. 11.
- Gurries, Albert G., and J. A. Bussert, assignors to "Be Ge" Manufacturing and Welding Works, Gilroy, Calif. Hydraulic control valve. 2,115,950; May 3.
- Gursky, Meyer, Bronx, N. Y. Couch bed. 2,133,167; Oct. 11.
- Gürtler, Charles E. (See Green, V. M., and Gurtler.)
- Gürtler, Rudolf. (See Bruckner, R., and Gurtler.)
- Gürtler, Rudolf. (See Kummerer, W., and Gurtler.)
- Gurtler, William A., Beaver Falls, Pa. Concrete form. 2,139,078; Dec. 6.
- Gurton, William S., J. Plint, and H. Nyberg, assignors to Dominion Truck Equipment Co., Limited, Kitchener, Ontario, Canada. Semitrailer fifth wheel brake and electric connection. 2,119,460; May 31.
- Gurwick, Irving, assignor to Shellmar Products Company, Mount Vernon, Ohio. Intaglio printing device. 2,104,985; Jan. 11.
- Gurwick, Irving, assignor to Shellmar Products Company, Mount Vernon, Ohio. Bag manufacture. 2,116,571; May 10.
- Gurwick, Irving, assignor to Shellmar Products Company, Mount Vernon, Ohio. Lamination. 2,129,929; Sept. 13.
- Gustafson, Carl A., Minneapolis, Minn., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,109,793; Mar. 1.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,109,794; Mar. 1.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,113,941; Apr. 12.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Lugging. 2,119,578; June 7.
- Gustafson, Clifford E. (See Fischer, H. G. M., and Gustafson.)
- Gustafsson, Eric. (See Green, V. G., and Gustafsson.)
- Gustafsson, Eric, assignor to Binks Manufacturing Company, Chicago, Ill. Air nozzle for flat-spraying appliances. 2,138,300; Nov. 29.
- Gustafsson, Eric, and F. Wahlin, assignors to Binks Manufacturing Company, Chicago, Ill. Spray gun with pneumatic material control. 2,107,732; Feb. 8.
- Gustavson, Alvin N., Jamestown, N. Y., assignor to Automatic Voting Machine Corporation. Adjustable interlock for voting machines. 2,110,297; Mar. 8.
- Gustavson, Alvin H., Jamestown, N. Y., assignor to Automatic Voting Machine Corporation. Primary voting mechanism. 2,115,849; May 3.
- Gustin-Bacon Manufacturing Co. (See Hovey, Clarence E., assignor.)
- Gustin, Daniel S., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Discharge lamp. 2,110,597; Mar. 8.
- Gustin, Daniel S., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Getter for vacuum devices. 2,116,432; May 3.
- Gustin, Daniel S., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Sodium lamp. 2,119,675; June 7.
- Gustin, Lester C., Winchester, and R. F. Hoffin, Cambridge, Mass.; said Hoffin assignor to said Gustin. Molding composition and making same. 2,114,300; Apr. 19.
- Gustlin, Walter F., Santa Ana, Calif. Trouser support and shirt retainer. 2,134,442; Oct. 25.
- Gustus, Edwin L., assignor to The Upjohn Company, Kalamazoo, Mich. Preparing hormones. 2,120,405; June 14.
- Gutehoffnungshütte Oberhausen Aktiengesellschaft. (See Süsselbeck, Karl, assignor.)
- Gutenstein Brothers, Inc. (See Kastel, Karl, assignor.)
- Guth, Edwin F., Webster Groves, Mo. Fixture. 2,121,430; June 21.
- Guth, Edwin F., Webster Groves, Mo. Illuminating fixture. 2,125,440; Aug. 2.
- Guth, Edwin F., Webster Groves, Mo. Lighting fixture. 2,132,784; Oct. 11.
- Guth, Fred O., assignor, by mesne assignments, to Pyrodyne Corporation, Chicago, Ill. Portable starting stall for race tracks. 2,127,213; Aug. 16.
- Guthman, Edwin I., & Co. (See Hinricher, G. Anton, assignor.)
- Guthrie, Andrew J., assignor of three-quarters to O. J. Bartlett and J. O. Bledsoe, St. Albans, Vt. Wa. Commodity transporting and cooling device. 2,133,856; Oct. 18.
- Guthrie, Bernard M., assignor to Fairbanks, Morse & Co., Chicago, Ill. Automatic air control means. 2,141,711; Dec. 27.
- Guthrie, Charles C., Pittsburgh, Pa. Converter cartridge. 2,107,034; Feb. 1.
- Guthrie, Charles C., and W. S. McElroy, Pittsburgh, Pa. Aging and pickling meat and the like. 2,135,334; Nov. 1.
- Guthrie, Paul W., et al. (See Montambo, Samuel T., assignor.)
- Guthrie, Robert G. (See Wittmann, Robert A., assignor.)
- Gutiérrez, Julián, Habana, Cuba. Necktie. 2,123,775; July 12.



- Gutkaiss, Harry, Montgomery, N. Y. Automatic slack adjuster. 2,109,637; Mar. 1.
- Gutkin, Samuel S. (See Barsky, G., and Gutkin.)
- Gutmann, Ferdinand, & Co. (See Eisen, Jay B., assignor.)
- Gutmann, Ferdinand, & Co. (See Eisen, J. B., and Rasmussen, assignors.)
- Gutmann, Ferdinand, & Co. (See Gutmann, Jesse, assignor.)
- Gutmann, Ferdinand, & Co. (See Rasmussen, Charles H., assignor.)
- Gutmann, Ferdinand, & Co. (See Waring, Olaf I., assignor.)
- Gutmann, Jean M. (See Angénieux, P., and Gutmann.)
- Gutmann, Jean M., and P. Angénieux, Paris France. Arrangement for taking motion pictures in natural colors. 2,128,773; Aug. 30.
- Gutmann, Jesse, Babylon, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Container and making same. 2,104,322; Jan. 4.
- Gutmann, John F., Richmond Hill, N. Y. Nonskid device for bathtubs and like fixtures. 2,141,467; Dec. 27.
- Gutmann, John F., St. Albans, assignor of one-half to R. Goodman, New York, N. Y. Window construction. 2,115,261; Apr. 26.
- Gutmann, John F., St. Albans, assignor of fifty per cent to R. Goodman, New York, N. Y. Window construction for vehicles. 2,115,262; Apr. 26.
- Gutmann, Otto. (See Kiesel, Oskar, assignor.)
- Gutmann, Victor, Nuremberg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Submersible pump set seal. 2,140,356; Dec. 13.
- Gutterson, Thomas, San Francisco, Calif. Shoe polisher. 2,110,362; Mar. 8.
- Gutman, John, Brooklyn, N. Y., assignor to Arrow Manufacturing Company, Inc., Hoboken, N. J. Display container and holder. 2,113,507; May 24.
- Gutton, Henri, and R. Warnecke, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Electron discharge tube. 2,112,958; Apr. 5.
- Gutwein, Theodore, Dayton, Ohio. Shoe. 2,105,647; Jan. 18.
- Gutzeit, Grégoire, Geneva, assignor, by mesne assignments, to Visura Treuhand Gesellschaft, Zurich, Switzerland. Concentrating oxidized ores by means of froth flotation. 2,125,631; Aug. 2.
- Gutzwiller, Walter E., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve converting system. 2,127,214; Aug. 16.
- Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Clutch. 2,105,188; Jan. 11.
- Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Universal coupling. 2,122,837; July 5.
- Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Universal coupling. 2,122,838; July 5.
- Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Resilient bushing and making the same. 2,122,839; July 5.
- Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Cotter pin. 2,129,420; Sept. 6.
- Guy, James S. (See Bullard, W. P., and Guy.)
- Guy and Murton, Incorporated. (See Guy, Frederick M., assignor.)
- Guyan Mills, Inc. (See Bosworth, Roswell I., assignor.)
- Guyer, August, Zurich, assignor to firm Chemical Works Formerly Sandoz, Basel, Switzerland. Manufacture of high molecular aliphatic alcohols. 2,110,483; Mar. 8.
- Guyer, Harry C., Charleston, W. Va. Apparel supporting device. 2,104,368; Jan. 4.
- Guyer, Jesse A. (See Arthurs, D. C., and Guyer.)
- Guyer Metal Products Corporation. (See Guyer, William J., assignor.)
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 2,114,422; Apr. 19.
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Carton. 2,134,971; Nov. 1.
- Guyer, William J., assignor to Guyer Metal Products Corporation, Chicago, Ill. Sheet material gauging machine. 2,134,184; Oct. 25.
- Guyton, William R. A., Pittsburgh, Pa. Denture. 2,107,181; Feb. 1.
- Guzik, Walter J. (See Allyn, E. E., and Guzik.)
- Gwaltney, Eugene C., assignor to Bibb Manufacturing Company, Macon, Ga. Apparatus for impregnating yarns and the like. 2,133,446; Oct. 18.
- Gwaltney, Eugene C., assignor to Bibb Manufacturing Company, Macon, Ga. Manufacturing rubber impregnated fabric and the product thereof. 2,137,339; Nov. 22.
- Gwaltney, James T., New York, N. Y. Expandible respiratory airway. 2,127,215; Aug. 16.
- Gwilt, Stanislaus J., Rhineland, Wis. Aerator. 2,116,023; May 3.
- Gwinn, George W., Hewlett, N. Y., assignor to American Machine & Foundry Company. Rotary cigarette catcher. 2,109,148; Feb. 22.
- Gwinn, George W., Hewlett, N. Y., and J. W. Leary, Bloomfield, N. J., assignors to The American Machine & Foundry Company. Cigarette catcher. 2,109,617; Mar. 1.
- Gwinn, George W., Hewlett, N. Y., and J. W. Leary, Bloomfield, N. J., assignors to American Machine & Foundry Company. Cigarette catcher. 2,118,508; May 24.
- Gwinn, George W., Hewlett, N. Y., and J. W. Leary, Bloomfield, N. J., assignors to American Machine & Foundry Company. Cigarette catcher. 2,124,397; July 19.
- Gwinn, Joseph M., Jr., Buffalo, N. Y. Aircraft. Re. 20,901; Nov. 1.
- Gwinn, Joseph M., Jr., Buffalo, N. Y. Resilient control means. 2,133,168; Oct. 11.
- Gwinn, Joseph M., Jr., Buffalo, N. Y., assignor to Consolidated Aircraft Corporation. Aircraft wheel mechanism. 2,114,839; Apr. 19.
- Gwinn, William B., Crystal City, Mo., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for drying plates. 2,131,512; Sept. 27.
- Gwyn, Childress B., Jr., Bannockburn, Ill., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contact element. 2,138,599; Nov. 29.
- Gwynn, Marion H., Boundbrook, N. J. Catalytic hydrogenation of crude benzene derivatives. 2,106,735; Feb. 1.
- Gyger, Gustav, Bienne, Switzerland. Pedal arrangement for the control of the gas admission and the brakes in motor vehicles. 2,112,019; Mar. 22.
- Gyles, Thomas B. (See Robson, S., and Gyles.)
- Gylleck, Olaf T., assignor to The Challenge Machinery Company, Grand Haven, Mich. Paper feed guide. 2,113,835; Apr. 12.
- Gylleck, Olaf T., assignor to The Challenge Machinery Company, Grand Haven, Mich. Drill sharpener. 2,141,712; Dec. 27.
- Gysi, Alfred, Zurich, Switzerland, assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial teeth. 2,104,459; Jan. 4.
- H & B American Machine Company. (See Carliss, Oswald S., assignor.)
- H & B American Machine Company. (See Jackson, John F., assignor.)
- H & B American Machine Company. (See Martin, E. L., and Jackson, assignors.)
- H. B. Motor Corporation. (See Harper, William, Jr., assignor.)
- H & H Machine & Motor Parts Co. (See Holhut, Michael, assignor.)
- H & H Machine & Motor Parts Co. (See Holhut, M., and Vollmer, assignors.)
- H & H Machine & Motor Parts Co. (See Vollmer, Walter G., assignor.)
- H & H Tube & Mfg. Co. (See Higgins, Clifford B., assignor.)
- H. and L. Corporation. (See Hosner, C. C., and Launder, assignors.)
- H. L. F. Company. (See McBride, Samuel R., assignor.)
- H and T Engineering Corporation. (See Hanson, John G., assignor.)
- Haack, Erich, Radebeul, and R. F. von Buddenbrock, Dresden, assignors to Chemische Fabrik von Heyden A. G., Radebeul, near Dresden, Germany. Manufacture of pyridine-derivatives. 2,124,505; July 19.
- Haag, Herbert C., Carlstadt, N. J. Fishing line float. 2,125,718; Aug. 2.
- Haag, Ivan L., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of zinc sulphate. 2,121,399; June 21.
- Haag, Johannes, Neunkirchen, Germany. Controlling a gas-heated metallurgical furnace provided with regenerators. 2,118,921; May 31.
- Haag, Johannes, Neunkirchen, Germany. Producing free cutting steel. 2,120,894; June 14.
- Haage, Konrad, assignor to "Delmag" Deutsche Elektromaschinen & Motoren Bau Aktiengesellschaft, Esslingen, Germany. Power ram. 2,128,581; Aug. 30.
- Haage, Konrad, assignor to "Delmag" Deutsche Elektromaschinen & Motoren Bau Aktiengesellschaft, Esslingen-on-the-Neckar, Germany. Diesel engine. 2,140,205; Dec. 13.
- Haagen, Karl. (See Hagge, W., and Haagen.)
- Haagenson, Helmer M., Excelsior, Minn. Water softener and softening water. 2,104,986; Jan. 11.
- Hainlek, Hans, Potsdam, Germany, assignor to Askania Werke A. G., vormals Centralwerkstatt Dessau und Carl Rammberg Friedenan. Gravitation measuring instrument. 2,105,146; Jan. 11.
- Haan, Edward H. (See Whitman, Ray B., and Haan.)
- Haas, Ernst A. (See Klopfer, Hans, assignor.)
- Haas, Frederick S., and W. Tribbe, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,141,065; Dec. 20.
- Haas, Hans. (See Tavan, F., and Haas.)
- Haas, Henry C., West Orange, N. J. Combination ink bottle and companion fountain pen. 2,107,500; Feb. 8.
- Haas, Louis W., Chicago, Ill., assignor to The W. F. Long Company. Sterilizing wrapped bakery products. 2,105,648; Jan. 18.
- Haas, Lucien L. (See MacKenzie, R. J., Haas, and Stark weather.)
- Haas, Lucien L. (See Starkweather, O. C., and Haas.)
- Haas, Lucien L., assignor to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,115,103; Apr. 26.
- Haas, Lucien L., assignor to Buffalo Pressed Steel Company, Buffalo, N. Y. Tubular connector. 2,117,954; May 17.



- Haas, Lucien L., Buffalo, and G. C. Starkweather, Kenmore, assignors to Buffalo Pressed Steel Company, Inc., Buffalo, N. Y. Muffler. 2,124,916; July 26.
- Haas, Paul. (See Ross, E., and Haas.)
- Haas, Paul, Glendale, assignor to United Research Corporation, Burbank, Calif. Adjustment for optical systems. 2,131,280; Sept. 27.
- Haas, Philipp. (See Freudenberg, H., and Haas.)
- Haas, Rudolf, Berlin-Zehlendorf, assignor to Zellstofffabrik Waldhof, Mannheim, Germany. Process and apparatus for the longitudinal creping of webs of paper or other sheet material. 2,130,007; Sept. 13.
- Haas, Rudolf, Berlin-Dahlem, assignor of one-half to Zellstofffabrik Waldhof, Mannheim-Waldhof, Germany. Method and apparatus for crimping sheet material. 2,141,432; Dec. 27.
- Haas, Rudolf, Berlin-Dahlem, assignor of one-half to Zellstofffabrik Waldhof, Mannheim-Waldhof, Germany. Process and apparatus for varying the width of paper webs or the like, in particular for the longitudinal creping of paper. 2,141,433; Dec. 27.
- Haas, Walter D., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Inserting and holding closure plugs. 2,138,404; Nov. 29.
- Haas, Walter H., United States Navy. Valve assembly. 2,106,736; Feb. 1.
- Haase, Alfred R., Hollis, N. Y. Nozzle structure for burners for liquid fuel. 2,127,866; Aug. 23.
- Haase, Carl. (See Dahl, O., and Haase.)
- Haase, Carl, Berlin-Mahlsdorf-Süd, and O. Dahl, Berlin-Friedenau, Germany, assignors to General Electric Company. Making magnetic material. 2,114,183; Apr. 12.
- Haase, Karl, and H. Werth, Bleicherode, assignor to the firm Preussische Bergwerks- und Hütten-Aktiengesellschaft, Berlin, Germany. Manufacturing granulated potassium fertilizers from potassium sulphate or from sulphate of potassium and magnesium. 2,107,701; Feb. 8.
- Haase, Karl, H. Werth, and H. Probst, Bleicherode, assignors to the firm Preussische Bergwerks- und Hütten-Aktiengesellschaft, Berlin, Germany. Manufacturing an agglomerated potassium chloride fertilizer. 2,107,702; Feb. 8.
- Haase, Wilbert W., assignor to Wilbert W. Haase Co., Forest Park, Ill. Self-sealing vault or receptacle. Re. 20,816; Aug. 2.
- Haase, Wilbert W., assignor to Wilbert W. Haase Co., Forest Park, Ill. Burial apparatus. 2,112,286; Mar. 29.
- Haase, Wilbert W., Co. (See Haase, Wilbert W., assignor.)
- Haaskamp, Harry. (See Harris, Burness V., assignor.)
- Haban, Stephen P., Columbus, Ohio. Folding table. 2,113,689; Apr. 12.
- Habe, Frank J., assignor of one-half to El. Racusin, Rimersburg, Pa. Roof support for underground passageways. 2,121,291; June 21.
- Haber, Deborah L. (See Haber, Manuel and D. L.)
- Haber, Manuel and D. L., Philadelphia, Pa. Children's garment construction. 2,136,879; Nov. 15.
- Haberlin, John F., assignor to Boeing Aircraft Company, Seattle, Wash. Toilet for vehicles. 2,119,328; May 31.
- Haberstump, Alfred H. (See Westrope, F. J., Haberstump, and Person.)
- Haberstump, Alfred H. (See Widman, C. H., and Haberstump.)
- Haberstump, Alfred, Detroit, Mich. Combined lock and door retainer. 2,123,303; July 12.
- Haberstump, Alfred H., Detroit, Mich., assignor to the Murray Corporation of America. Door stop and check. 2,104,124; Jan. 4.
- Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Vehicle door and sill construction. 2,114,344; Apr. 19.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Door. 2,123,106; July 5.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Window construction. 2,129,578; Sept. 6.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle body construction having concealed door hinges. 2,138,523; Nov. 29.
- Haberstump, Alfred H., and F. N. Cramer, Detroit, Mich., assignors to The Murray Corporation of America. Traveling reel. 2,118,556; May 24.
- Habgood, Bernard J., Blackley, Manchester, England, assignor to Imperial Chemical Industries, Limited. New rubber article and material and the manufacture thereof. 2,137,686; Nov. 22.
- Habib, Kameel, New York, N. Y. Making fringed woven articles. 2,141,386; Dec. 27.
- Habram, Charles E., Milwaukee, and D. J. Foote, West Allis, assignors to Master Lock Company, Milwaukee, Wis. Padlock. 2,136,435; Nov. 15.
- Hachmeister, George J. (See Davis, G. C., and Hachmeister.)
- Hack, Nathan, Detroit, Mich. Orthopedic shoe. 2,135,504; Nov. 8.
- Hacker, Horace W. (See Trotter, Henry R., assignor.)
- Hacker Manufacturing Co. (See Trotter, Henry R., assignor.)
- Hacker, Oskar H., Steyr, Austria. Vehicle drive. 2,126,255; Aug. 9.
- Hacker, Oskar H., Wiener-Neustadt, Austria, and Ernst Seibold, assignors to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Operation for motor driven vehicles with turbo-transmissions. 2,125,163; July 26.
- Häcker, Walter, Sindelfingen, near Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Motor car. 2,104,539; Jan. 4.
- Hackethal, Paul F., Williamsport, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Propeller. 2,109,696; Mar. 1.
- Hackett, Harry C., assignor to National Vulcanized Fibre Co., Wilmington, Del. Making tubes. 2,133,137; Oct. 11.
- Hackh, Ingo W. D., San Francisco, and J. D. McLeod, Oakland, Calif. Explosive. 2,110,220; Mar. 8.
- Hacklander, Hans. (See Christensen, N. V., and Hacklander.)
- Hacklander, Hans. (See Christensen, N. V., Hacklander, and Le Vesconte.)
- Hacklander, Hans, Tinley Park, assignor to Union Special Machine Company, Chicago, Ill. Fabric guide for sewing machines. 2,131,007; Sept. 20.
- Hackleman, Clyde B. (See Smith, Elmer C., assignor.)
- Hackler, Bertram M., assignor to Comas Cigarette Machine Company, Inc., Salem, Va. Tobacco stemming machine. 2,141,083; Dec. 20.
- Hackney, H. Hamilton, et al. (See Raymond, Joseph, assignor.)
- Hackworth, Alfred, and A. S. Greive; said Hackworth assignor to P. J. Schwartz, San Antonio, Tex. Book rack. 2,134,606; Oct. 25.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making welting. 2,139,746; Dec. 13.
- Hadaway, John B., Swampscott, and R. N. Sandberg, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,112,891; Apr. 5.
- Haddad, Labeeb B., New Haven, Conn., assignor to Products Protection Corporation. Electric sterilization. 2,122,741; July 5.
- Haddock, Norman H. (See Coffey, S., and Haddock.)
- Haddock, Norman H., and F. Lodge, Blackley, Manchester, England, assignors to Imperial Chemical Industries, Limited. Anthraquinone dyestuffs and their manufacture. 2,117,476; May 17.
- Hader, Julius. (See Kessler, M., and Hader.)
- Hadland, Carl A., Plainview, Minn. Combination fence tool. 2,124,416; July 19.
- Hadland, Carl A., Leon, Wis. Composition building block. 2,127,914; Aug. 23.
- Hadler, Bartholdt C. (See Coleman, G. H., and Hadler.)
- Hadler, Bartholdt C. (See Coleman, G. H., Hadler, and Zuckerman.)
- Hadley Company, The. (See Prestinari, Eugen, assignor.)
- Hadley, Harlan A. (See Jacobus, A. B., and Hadley.)
- Hadley, Homer M., Seattle, Wash. Cellular form for embedment in concrete construction. 2,109,009; Feb. 22.
- Hadley, Homer M., Seattle, Wash., assignor of one-half to C. M. Cadman, San Francisco, Calif. Rail fastening construction. 2,128,530; Aug. 30.
- Haeblér, Theodor. (See Krämer, Oskar, assignor.)
- Haefl, Andrew V. (See Zottu, P. D., Nergaard, and Haefl.)
- Haegle, Otto P. (See Basquin, O. H., and Haegle.)
- Haegle, Otto P., assignor to Streeter-Ames Company, Chicago, Ill. Weighing apparatus. 2,121,227; June 21.
- Haegle, Otto P., assignor to Streeter-Ames Company, Chicago, Ill. Weighing apparatus. 2,132,237; Oct. 4.
- Haegle, Otto P., assignor to Streeter-Ames Company, Chicago, Ill. Weighing apparatus. 2,140,796; Dec. 20.
- Haegle, Otto P., Chicago, and O. H. Basquin, Evanston, assignors to Streeter-Ames Company, Chicago, Ill. Weighing apparatus. 2,131,684; Sept. 27.
- Haehnel, Wolfram. (See Herrmann, W. O., and Haehnel.)
- Haehnel, Wolfram. (See Herrmann, W. O., Haehnel, and Berg.)
- Haering, David W., Chicago, Ill. Proportioning apparatus. 2,120,608; June 14.
- Haessler, Max, Buenos Aires, Argentina. Book marker. 2,116,147; May 3.
- Hafen, Fredrick T., Provo, Utah, assignor to McWane Cast Iron Pipe Co., Birmingham, Ala. Gauge for pipe cores. 2,122,840; July 5.
- Hafke, Philip M., Washington, D. C. Vacuum tube. 2,106,172; Jan. 25.
- Hafke, Philip M., Washington, D. C. Increasing the effect of static. 2,140,526; Dec. 20.
- Haffey, Earl F. (See Fischer, O., Earle, and Haffey.)
- Haffner, Felix, Tübingen, and F. Sommer, Berlin, assignors to the firm Chemische Fabrik Grünau, Landshoff & Meyer, A. G., Berlin-Grünau, Germany. Manufacture of phthalic di-diethylamide. 2,137,279; Nov. 22.
- Haffner, Louis D., St. Louis, Mo. Educational device. 2,108,855; Feb. 22.
- Hafner, Gilbert M., Chicago, Ill., assignor to American Telephone and Telegraph Company. Radio compass system. 2,138,966; Dec. 6.
- Hafner, Raoul, Vienna, Austria. Rotative wing aircraft. 2,121,345; June 21.



- Hafner, Raoul, Vienna, Austria. Rotating wing aircraft. 2,131,348; Sept. 27.
- Hagan Corporation. (See Rosenstein, Ludwig, assignor.)
- Hagberg, Paul C., Cleveland, Ohio. Window channel or the like. 2,105,784; Jan. 18.
- Hagbo, Lars E., Bremerton, Wash. Wrench. 2,105,244; Jan. 11.
- Hage, Olof A., Goteborg, Sweden. Combination lock. 2,104,516; Jan. 4.
- Hagedorn, Gerhard, Berlin-Halensee, assignor to B. Berghaus, Berlin-Lankwitz, Germany. Double spot welding. 2,137,909; Nov. 22.
- Hagedorn, Max, Dessau in Anhalt, Germany, assignor to Agfa Anseo Corporation, Binghamton, N. Y. Manufacture of shaped articles. 2,132,160; Oct. 4.
- Hagelin, William T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic printing plate and using same. 2,104,126; Jan. 4.
- Hagemann, Geb. Jungmann. (See Nitz, E., and Hagemann.)
- Hagemann, Johanna. (See Nitz, E., and Hagemann.)
- Hagemann, Louis F., Niagara Falls, assignor to American Sales Book Company, Inc., Elmira, N. Y. Record strip control for autographic registers. 2,123,994; July 19.
- Hagen, Gerhard, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Resistance independent of temperature. 2,121,148; June 21.
- Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Fan. 2,108,435; Feb. 15.
- Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Centrifugal fan. 2,117,416; May 17.
- Hagen, Joseph J. (See Reynolds, Noel S., assignor.)
- Hagen, Margaret, administratrix. (See Hagen, Paul.)
- Hagen, Paul, deceased, Brooklyn, N. Y.; M. Hagen, administratrix. Developer tank for strips of film. 2,119,230; May 31.
- Hagen, Paul, deceased, by M. Hagen, Brooklyn, N. Y., administratrix. Daylight loading device for developer tanks. 2,135,618; Nov. 8.
- Hagen, Wilhelm, Berlin, and W. Thouret, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,135,661; Nov. 8.
- Hagenbook, Thurlow M., assignor to International Door Company, Evansville, Ind. Trolley for revolving doors. 2,105,972; Jan. 18.
- Hagenbook, Thurlow M., assignor to International Door Company, Evansville, Ind. Revolving door mechanism. 2,111,182; Mar. 15.
- Hagenbook, Thurlow M., assignor to International Door Company, Evansville, Ind. Lower journal for revolving doors. 2,111,773; Mar. 22.
- Hagenbook, Thurlow M., assignor to International Door Company, Evansville, Ind. Pintle control mechanism for revolving doors. 2,120,746; June 14.
- Hagenbook, Thurlow M., assignor to International Door Company, Evansville, Ind. Pivot lift and hold-down for revolving doors. 2,125,498; Aug. 2.
- Hagenbook, Thurlow M., assignor to International Door Company, Evansville, Ind. Revolving door speed control. 2,128,531; Aug. 30.
- Hagenhaus, Kurt, Berlin-Siemensstadt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic gain control circuits. 2,112,279; Mar. 29.
- Häger, Bror O., assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Impregnation solutions. 2,139,747; Dec. 13.
- Hager, Charles R., Baltimore, Md., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Oxidation of titanous salts. 2,125,340; Aug. 2.
- Hager, Emil F., Brooklyn, N. Y. Scope stand. 2,128,409; Aug. 30.
- Hager, Henry F., Trenton, N. J. Spring assembly for cushions and mattresses. 2,110,065; Mar. 1.
- Hager, Karl. (See Hess, F., Hager, and Pense.)
- Hager, William L., Ogden, Utah. Combined air conditioner and furnace. 2,128,245; Aug. 30.
- Haggan, William E. (See Crisp, P. P., and Haggan.)
- Hagge, Walter, Wolfen, Kreis Bitterfeld and K. Haagen. Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphur dyes of 3,4,5,6-Dibenzocarbazole. 2,133,350; Oct. 18.
- Haggerly, Patrick, et al. (See La Londe, Moses, assignor.)
- Haggerty, Robert E., U. S. Army, Watertown, Mass. Spotting board. 2,141,183; Dec. 27.
- Haggstrom, Charles, Rockford, Ill. Minnow net. 2,127,332; Aug. 16.
- Hagist, Emil T., Glenside, Pa. Meter installation. Re. 20,780; July 5.
- Hagler, Lydia A., Otis Orchards, assignor of one-half to S. E. Smith, Opportunity, Wash. Circuit controller for indicators. 2,106,925; Feb. 1.
- Haglund, Gustaf, Storangen, at Stockholm, Sweden. Flowerpot. 2,130,234; Sept. 13.
- Haglund, Hakon H., assignor to The Western Union Telegraph Company, New York, N. Y. Electron discharge device. 2,117,246; May 10.
- Haglund, Hakon H., assignor to The Western Union Telegraph Company, New York, N. Y. Sending channel assignor. 2,131,434; Sept. 27.
- Hagman, Harry C., and A. S. T. Lagaard, Minneapolis, Minn. Dental articulator. 2,119,579; June 7.
- Hagood, Johnson, Bartow, Fla., assignor to Southern Phosphate Corporation. Treating phosphate. 2,111,532; Mar. 15.
- Hague, Floyd T., Pittsburgh, and F. R. Davis, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current-collection apparatus. 2,106,842; Feb. 1.
- Hague, Floyd T., Pittsburgh, and F. R. J. Davis, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling and mounting of collectors for unipolar generators. 2,121,593; June 21.
- Hague, Floyd T., Pittsburgh, and F. R. J. Davis, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Field winding for unipolar generators. 2,134,510; Oct. 25.
- Hague, Floyd T., Pittsburgh, and F. R. J. Davis, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compensated unipolar generator. 2,134,511; Oct. 25.
- Hague, Harry G., Gary, Ind. Conveying apparatus. 2,118,195; May 24.
- Hague, Louis M., Rumson, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Fibrous buff. 2,108,985; Feb. 22.
- Hahn, Arthur M., Washington, D. C., assignor to Mathews Conveyor Company, Ellwood City, Pa. Roller conveyor. 2,107,822; Feb. 8.
- Hahn, Carl A., as trustee. (See Miner, John A., assignor.)
- Hahn, Clarence E. (See Brown, C. A., and Hahn.)
- Hahn, Frederick, Union, and L. W. Schrader, Elizabeth, N. J., assignors to Standard Oil Development Company. Tank roof seam. 2,141,861; Dec. 27.
- Hahn, Harry W. (See Goldfarb, Julius and M., and Hahn.)
- Hahn, Hellmuth, and K. Memminger, assignors to Fahlberg-List Aktiengesellschaft Chemische Fabriken, Magdeburg-Sudost, Germany. Condensation products of an alkali metal salt of toluenesulphonamide with formaldehyde. 2,130,342; Sept. 20.
- Hahn, Wilhelm, Heidenheim-on-the-Brenz, Germany. Power transmission gear for rail vehicles. 2,106,843; Feb. 1.
- Haight, Harry V., Ashton-on-Mersey, England, assignor to Ingersoll-Rand Company, Jersey City, N. J. Starting unloader for multistage compressors. 2,112,564; Mar. 29.
- Haight, William T., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for producing sheet glass. 2,125,914; Aug. 9.
- Hailes, William D., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,114,001; Apr. 12.
- Hailes, William D., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Train describer system. 2,138,855; Dec. 6.
- Hailes, William D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,125,499; Aug. 2.
- Halley, Sam W., assignor of ten per cent to C. E. Watts, ten per cent to W. H. Watts, and twenty per cent to W. B. Mason, Baltimore, Md. Parachute equipped aircraft. 2,118,603; May 24.
- Hain, Clifford E., Omaha, Nebr. Electric vacuum sweeper nozzle attachment. 2,104,125; Jan. 4.
- Haines, Donald G., Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Phototube. 2,112,089; Mar. 22.
- Haines, Donald G., Bloomfield, and K. G. Bucklin, East Orange, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,118,922; May 31.
- Haines, George H., Caledonia, assignor to The Fairfield Engineering Company, Marion, Ohio. Mixing apparatus. 2,137,083; Nov. 15.
- Haines, Harvey A., Philadelphia, assignor to The Union Switch & Signal Company, Swissvale, Pa. Highway crossing signal for railways. 2,133,172; Oct. 11.
- Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Multiple steam jet refrigerating system. 2,126,384; Aug. 9.
- Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Steam jet refrigerating system. 2,132,292; Oct. 4.
- Hainsworth, William R., Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,111,774; Mar. 22.
- Hair Net Packers, Inc. (See Cunningham, Alice P., assignor.)
- Haire, Homer H., Washington, D. C. Flexible connector. 2,106,737; Feb. 1.
- Haire, Homer H., Washington, D. C. Flexible connector. 2,115,713; May 3.
- Haislip, Albert S., Fredericksburg, Va. Foldable fishing pole holder. 2,139,188; Dec. 6.
- Haisst, Foster A., Buffalo, N. Y. Ratchet wrench. 2,107,568; Feb. 8.
- Haisst, Foster A., assignor, by mesne assignments, to F. H. Williams & Co., Buffalo, N. Y. Making wrench. 2,112,840; Apr. 5.
- Habst, James G., Yonkers, N. Y. Convertible roof structure for tents, cabanas, and the like. 2,137,738; Oct. 4.



- Hait, James M., Los Angeles, Calif., assignor to Food Machinery Corporation. Automatic oil return system for turbine pumps. 2,134,818; Nov. 1.
- Hajek, William J., Brookline, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,129,272; Sept. 6.
- Hajicek, Joseph, Cicero, Ill. Adjustable swing saw. 2,134,555; Oct. 25.
- Hajoway, Mary, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Plaited rubber article and making the same. 2,117,418; May 17.
- Hakanson, Alfred, North Arlington, N. J., assignor to Peerless Weighing and Vending Machine Corporation, Long Island City, N. Y. Article-dispensing mechanism. 2,129,322; Sept. 6.
- Hake, Carl J. (See Kahn, B. B., and Hake.)
- Hake, Donald S. (See Kinzie, C. J., and Hake.)
- Hakenjos, Frederick M., and C. B. Lister, assignors to National Rifle Association, Washington, D. C. Bullet hole gauge. 2,117,317; May 17.
- Halas, Emmy. (See Halas, Ernest, assignor.)
- Halas, Ernest, assignor of forty percent to E. Halas, Long Beach, N. Y. Tray for beauty parlor chairs. 2,112,669; Mar. 29.
- Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass drawing apparatus. 2,104,460; Jan. 4.
- Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company. Apparatus for making sheet glass. 2,106,890; Feb. 1.
- Halbing, John M. (See Rockefeller, H. E., and Halbing.)
- Halbing, John M., Bloomfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe nozzle. 2,125,915; Aug. 9.
- Halbing, John M., Bloomfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Heat applying apparatus. 2,125,916; Aug. 9.
- Halbleib, Edward A., assignor to General Motors Corporation, Rochester, N. Y. Heating and ventilating of passenger cars. 2,104,394; Jan. 4.
- Halbleib, Edward A., H. C. Rohr, and C. T. Wallis, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Frictionally heated time element. 2,139,365; Dec. 6.
- Halborg, Carl J., Detroit, Mich., assignor to Colonial Broach Company. Apparatus for broaching an aperture in an article relative to its outer dimension. 2,106,212; Jan. 25.
- Halborg, Carl J., Detroit, Mich., assignor to Colonial Broach Company. Broaching machine. 2,106,213; Jan. 25.
- Haldeman, James F., Martinsville, Ind. Aerating device for minnow buckets. 2,137,397; Nov. 22.
- Hale, C. Wesley. (See Sykora, Rudolf, assignor.)
- Hale, Douglas A. S., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,141,387; Dec. 27.
- Hale, Douglas A. S., and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,117,001; May 10.
- Hale Fire Pump Co., The. (See Wendell, E. J., and Sargent, assignors.)
- Hale, Frank C. (See Bennett, J. W., Hale, and Pool.)
- Hale, Frank C. (See Dickie, W. A., and Hale.)
- Hale, Frank C. (See Dickie, W. A., Hale, and Howarth.)
- Hale, Frank C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Circular loom. 2,108,120; Feb. 15.
- Hale, Frank C., and R. Yeadon, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,107,531; Feb. 8.
- Hale, Frank C., and J. R. Yorke, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,108,121; Feb. 15.
- Hale, Frank C., Spondon, near Derby, England, and J. Jabouley, Villeurbanne, France, assignors to Celanese Corporation of America. Shedding mechanism of circular looms. 2,109,971; Mar. 1.
- Hale, Frank C., and J. R. Yorke, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,118,844; May 31.
- Hale, Frank C., and J. R. Yorke, Spondon, near Derby, England, assignors to Celanese Corporation of America. Electrical stop mechanism for circular looms. 2,129,736; Sept. 13.
- Hale, Frederick H. (See Balfour, R. A., and Hale.)
- Hale, George C., Dover, N. J. Nonexplosive pyrotechnic composition. 2,131,041; Sept. 27.
- Hale, George C., and W. H. Rinkenbach, Dover, N. J. Priming compositions. 2,116,514; May 10.
- Hale, George C., and W. H. Rinkenbach, Dover, N. J. Priming composition. 2,124,568; July 26.
- Hale, George C., and W. H. Rinkenbach, Dover, N. J. Priming composition. 2,124,569; July 26.
- Hale, George C., and W. H. Rinkenbach, Dover, N. J. Priming composition. 2,124,570; July 26.
- Hale, Gerald A., Oklahoma City, and H. G. Thuesen, Stillwater, Okla., assignors to Dual Parking Meter Company. Coin controlled time measuring mechanism. 2,137,111; Nov. 20.
- Hale, Howard B., Long Beach, Calif. Nozzle packer. 2,131,721; Sept. 27.
- Hale, Jackson T., Atlanta, assignor to Automatic Press Appliance Company, Fulton County, Ga. Sheet feeding mechanism. 2,139,228; Dec. 6.
- Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire construction. 2,113,527; Apr. 5.
- Hale, Jesse W., Newton Center, Mass. Change speed device. 2,140,155; Dec. 13.
- Hale, Marion G., Mineral Wells, Tex. Tent pole. 2,138,033; Nov. 29.
- Hale, Roger W., Rumford, R. I. Ornamental welting and article having such welting incorporated therein. 2,108,061; Feb. 15.
- Hale, William A., Peoria, Ill. Grain elevator mechanism. 2,134,365; Oct. 25.
- Hale, William B., assignor to New Type Air Compressor Company, Huntington Park, Calif. Long stroke horizontal type air compressor. 2,128,937; Sept. 6.
- Hale, William J., Washington, D. C. Manufacture of organic anhydrides. 2,117,554; May 17.
- Hales, Landy R., Elmhurst, N. Y. Manikin and making the same. 2,129,421; Sept. 6.
- Haley, James R., New York, assignor to Welbilt Stove Company, Inc., Maspeth, Long Island, N. Y. Door hinge and support. 2,113,543; Apr. 5.
- Haley, James R., New York, assignor to Welbilt Stove Company, Inc., Maspeth, Long Island, N. Y. Broiler oven pull-out drawer. 2,113,544; Apr. 5.
- Haley, James R., New York, assignor to Welbilt Stove Company, Inc., Maspeth, Long Island, N. Y. Gas range. 2,115,068; Apr. 26.
- Halfen, Frank, et al. (See Flury, William J., assignor.)
- Halford, Lillian, et al. (See Bennett, Dennis H., assignor.)
- Haliburton, William M., Montreal West, Quebec, and R. X. Vandette, Dorval, Quebec, Canada. Control apparatus for motion picture projectors. 2,124,917; July 26.
- Haliburton, William M., Montreal West, Quebec, and R. X. Vandette, Dorval, Quebec, Canada. Fire prevention apparatus for motion picture projecting machines. 2,126,108; Aug. 9.
- Halkias, Theodore. (See West, Claude J., assignor.)
- Halkyard, Charles C., assignor to Hume Pipe Company (Australia) Limited, Melbourne, Australia. Molding of concrete pipes and the like. 2,109,421; Feb. 22.
- Hall, Albert, Narberth, and W. T. Young, Oakmont, assignors to J. H. Gravell, Elkins Park, Pa. Lock washer. 2,128,938; Sept. 6.
- Hall, Albert H., West Peru, Maine. Garment hanger. 2,127,333; Aug. 16.
- Hall, Archibald J., assignor of one-third to W. N. Hicking and one-third to S. J. Pentecost, New Basford, Nottingham, England. Process for rendering wool material unshrinkable and nonfelting product made thereby. 2,107,703; Feb. 8.
- Hall, Arthur, assignor to P. R. Mallory & Company, Inc., Indianapolis, Ind. Electric switch and contact therefor. 2,115,069; Apr. 26.
- Hall, Arthur G., Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiconductor signaling cable. 2,128,410; Aug. 30.
- Hall, C. M., Lamp Company. (See Ankiam, Charles W., assignor.)
- Hall, C. M., Lamp Company. (See Foley, C. F., and Ankiam, assignors.)
- Hall, C. M., Lamp Company. (See Taylor, A. N., and Worden, assignors.)
- Hall, C. M., Lamp Company. (See Worden, Norbert P., assignor.)
- Hall, C. M., Lamp Company. (See Worden, N. P., and Pedersen, assignors.)
- Hall, Carlos and F., assignors of one-third to H. H. Hallett, Mexico, D. F., Mexico. Feeding washers to the pins of molds. 2,128,557; Aug. 30.
- Hall, Carroll B., Beaver Falls, J. D. McBurney, Newburgh, and E. H. Nollau, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous composition. 2,110,042; Mar. 1.
- Hall, Carroll B., Beaver Falls, and J. D. McBurney, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric and making same. 2,125,341; Aug. 2.
- Hall, Cary B., Nashville, Tenn. Hand truck. 2,132,069; Oct. 4.
- Hall, Cecil S., London, England, assignor to Refrigeration Patents Limited. Lid for pressure resisting vessels. 2,116,170; May 3.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener attached lamp socket installation and socket for the same. 2,125,843; Aug. 2.
- Hall, Clarence A., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Making storage battery plates. 2,107,937; Feb. 8.
- Hall & Connolly, Inc. (See Hall, Theodore C., assignor.)
- Hall, Cortice H., Glen Rock, and F. L. Hilder, Clifton, N. J., assignors, by mesne assignments, to Electric Furnace-Man, Inc., New York, N. Y. Burner. 2,133,447; Oct. 18.
- Hall, Daniel C., Silview, and E. F. Steinbring, Wilmington, Del., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Making pigment barium sulphate from barium chloride. 2,125,342; Aug. 2.



- Hall, Edward H., Chicago, Ill. Method and apparatus for synchronizing strip feeding and fabricating movements. 2,136,210; Nov. 8.
- Hall, Edwin S., New Haven, Conn. Variable transmission. 2,108,062; Feb. 15.
- Hall, Edwin S., New Haven, Conn. Control system for motor vehicles. 2,108,666; Feb. 15.
- Hall, Edwin S., New Haven, Conn. Bearing. 2,137,487; Nov. 22.
- Hall, Edwin S., New Haven, Conn. Mechanism for the interconversion of reciprocation and rotation. 2,139,189; Dec. 6.
- Hall, Elisha W., Scituate, Mass. Buffing or polishing wheel. 2,108,966; Feb. 22.
- Hall, Elisha W., Scituate, Mass. Buffing or polishing wheel. 2,132,532; Oct. 11.
- Hall, Elwin B. (See Armentrout, A. L., and Hall.)
- Hall, Elwin B., V. P. Baker, and F. O. Booth, Los Angeles, Calif. Pipe handling apparatus. 2,113,270; Apr. 5.
- Hall, Eric E., Chicago, Ill. Portable window scaffold. 2,106,002; Jan. 18.
- Hall, Eric E., Chicago, Ill. Golf club grip. 2,133,695; Oct. 18.
- Hall, Eric E., Chicago, Ill. Grip for golf clubs or the like. 2,133,696; Oct. 18.
- Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Grinding machine. 2,116,498; May 10.
- Hall, Fernando. (See Hall, Carlos and F.)
- Hall, Frank A., & Sons. (See Stevens, Richard M., Sr., assignor.)
- Hall, Fred, Hamilton, Ontario, Canada. Wall safe. 2,128,704; Aug. 30.
- Hall, Gordon L., Old Lyme, Conn. Assembly rack. 2,108,122; Feb. 15.
- Hall, George W., Bridgeport, Conn. Temporary protective covering for bathtubs. 2,119,210; May 31.
- Hall, Guy H. (See Winger, Stover C., assignor.)
- Hall, Harry C., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric switch. 2,113,463; Apr. 5.
- Hall, Harry G., assignor to The Detroit Edison Company, Detroit, Mich. Fiber conduit joint. 2,131,839; Oct. 4.
- Hall, Harvey H., Denver, Colo. Disappearing wall bed. 2,116,698; May 10.
- Hall, Howard E., Eagle, Idaho. Tractor sweep rake. 2,127,405; Aug. 16.
- Hall, J. C., Company, The. (See Patten, Merwin G., assignor.)
- Hall, James C. (See Smith, W., Hall, and Barton.)
- Hall, James F., assignor to The Ironsides Company, Columbus, Ohio. Compound for lubricating wire rope. 2,129,422; Sept. 6.
- Hall, James S., Methuen, assignor to Emmons Loom Harness Company, Lawrence, Mass. Reed with detachable dents. 2,135,136; Nov. 1.
- Hall, Jesse E., Los Angeles, Calif. Deballing drill bit. 2,107,788; Feb. 8.
- Hall, Jesse E., Bakersfield, Calif. Pump jack. 2,126,992; Aug. 16.
- Hall, Jesse E., Los Angeles, Calif. Insertable circulation starter for well strings. 2,132,161; Oct. 4.
- Hall, Jesse E., Bakersfield, Calif. Well pump. 2,138,002; Nov. 29.
- Hall, Jesse P., Bartow, and W. A. Hodges, Plant City, Fla., assignors to Swift and Company. Phosphate rock recovery. 2,113,727; Apr. 12.
- Hall, John R., assignor to United States Air Conditioning Corporation, Minneapolis, Minn. Ventilating system. 2,117,477; May 17.
- Hall, John L., Charleston, W. Va., assignor of one-third to F. S. Nelson, Dallas, and one-third to H. S. Christian, Tyler, Tex. Intermittent flow valve. 2,114,765; Apr. 19.
- Hall, Joseph M., and H. E. Tucker, Chicago, Ill. Change speed gearing. 2,133,987; Oct. 25.
- Hall, Judd B. (See Hall, Samuel S. and J. B.)
- Hall, Judson W., Raton, N. Mex. Typewriter attachment. 2,118,972; May 31.
- Hall Laboratories, Inc. (See Hall, Ralph E., assignor.)
- Hall Laboratories, Inc. (See Jones, Kenneth K., assignor.)
- Hall Laboratories, Inc. (See Munter, Casimir J., assignor.)
- Hall Laboratories, Inc. (See Smith, George W., assignor.)
- Hall Laboratories, Inc. (See Schwartz, Charles, assignor.)
- Hall Laboratories, Inc. (See Volz, Anton, assignor.)
- Hall Laboratories, Inc. (See Wilson, John A., assignor.)
- Hall, Leigh B., and H. E. Kurtz, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,133,509; Oct. 18.
- Hall, Lloyd A. (See Griffith, C. L., and Hall.)
- Hall, Lloyd A., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Curing of meats and the like. 2,117,478; May 17.
- Hall & Lowrey, Incorporated. (See Hall, W. F., and Lowrey, assignors.)
- Hall and Lowrey, Incorporated. (See Lowrey, George A., assignor.)
- Hall Manufacturing Company, The. (See Hall, Ernest A., assignor.)
- Hall, Martin L., Ellsworth Falls, Maine. Feed dispensing apparatus for poultry or the like. 2,116,699; May 10.
- Hall & McChesney, Inc. (See Baule, Gerhard H. J., assignor.)
- Hall, Mitchell A., Fort Thomas, Ky. Coin controlled switch apparatus. 2,122,357; June 28.
- Hall, Mora S., Westminster, Md., assignor to May Oil Burner Corporation. Casing for boilers, heater units, and air conditioning units. 2,139,618; Dec. 6.
- Hall, Oliver C., Fair Lawn, N. J., and J. F. Toomey, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,119,209; May 31.
- Hall, Percy E., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,134,512; Oct. 25.
- Hall, Perry C., Sidney, Ohio, assignor to Copeland Refrigeration Corporation, Detroit, Mich. Refrigerating mechanism. 2,124,110; July 19.
- Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Tanning. 2,140,008; Dec. 13.
- Hall, Ralph W., Fort Wayne, Ind., assignor to General Electric Company. Coating composition. 2,114,877; Apr. 19.
- Hall, Ralph W., Wyoming, assignor to The E. H. Bardes Range & Foundry Company, Cincinnati, Ohio. Power transmission mechanism. 2,132,951; Oct. 11.
- Hall, Randolph F., Rochester, N. Y. Airplane. 2,112,154; Mar. 22.
- Hall, Randolph F., Rochester, N. Y. Airplane. 2,118,705; May 24.
- Hall, Robert A., Brooklyn, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Salicylic acid derivatives. 2,113,374; Apr. 5.
- Hall, Robert G., San Francisco, Calif. Flotation machine. 2,141,862; Dec. 27.
- Hall, Samuel S., and J. B., assignors to The Surety Rubber Company, Carrollton, Ohio. Static resisting garment. 2,106,348; Jan. 25.
- Hall, Samuel S. and J. B., assignors to The Surety Rubber Company, Carrollton, Ohio. Static resisting glove. 2,117,417; May 17.
- Hall, Selden H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Closed centrifugal separator. 2,107,035; Feb. 1.
- Hall, Theodore O., Los Angeles, Calif., assignor to Hall & Connolly, Inc., New York, N. Y. High intensity projector lamp and arc. 2,128,743; Aug. 30.
- Hall, Walter, assignor of one-half to J. M. O'Meara, Los Angeles, Calif. Dispenser. 2,109,795; Mar. 1.
- Hall, Walter F., and G. A. Lowrey, assignors to Hall & Lowrey, Incorporated, Goose Creek, Tex. Well shooting apparatus. 2,120,464; June 14.
- Hall, Warren J., assignor to J. L. Johnston, Houston, Tex. Pump. 2,140,956; Dec. 20.
- Hall, Warren W., Lucas, Iowa. Planter attachment. 2,110,955; Mar. 15.
- Hall, William B. F., Fort Wayne, Ind. Tennis racket and the like. 2,120,280; June 14.
- Hall, William E., Hillside, N. J., assignor to The Egyptian Lacquer Manufacturing Company. Coating surfaces of zinc-base. 2,142,024; Dec. 27.
- Hall, William E., Hillside, N. J., assignor to The Egyptian Lacquer Manufacturing Company. Coating surfaces of zinc base. 2,112,026; Dec. 27.
- Hall, William H., Cicero, Ill. Safety razor. 2,121,228; June 21.
- Hall, William H., Jr., assignor to Thermold Company, Trenton, N. J. Warp feeding and tensioning means. 2,138,155; Nov. 20.
- Hall, William H., Jr., assignor, by mesne assignments, to Thermold Company, Trenton, N. J. Loom. 2,142,025; Dec. 27.
- Hall, William J. (See Herron, O. L., and Hall.)
- Hall, William J., assignor to Herron-Zimmers Moulding Co., Detroit, Mich. Window regulator. 2,124,696; July 26.
- Hall, William M., Lexington, assignor to H. V. Hayes, Boston, Mass. Radiant energy receiver. 2,115,578; Apr. 26.
- Hall, William P. (See Lippert, A. L., and Hall.)
- Hallada, John C., Milwaukee, Wis. Door check. 2,127,915; Aug. 23.
- Hallam, Cecil A. (See Andrews, J. W., and Hallam.)
- Halliden, Frederick G., Belmar, and R. S. Wishart, Rockville Centre, assignors to Postal Telegraph Cable Company (New York), New York, N. Y. Testing line circuits. 2,127,216; Aug. 16.
- Halliden, Karl W., Thomaston, Conn. Mis-cut rotary shears. 2,118,402; May 24.
- Halle & Co. Aktiengesellschaft. (See Herrmann, O., and Müller, assignors.)
- Hallend, Mervin (See Froehner, P. R., and Hallend.)
- Hallens, Frank A., Michigan City, Ind. assignor to Hallens Machinery Company. Fluid compressor. 2,136,329; Nov. 8.
- Hallenbeck, Charles V., Denver, Colo. Dumping grizzly. 2,107,532; Feb. 8.
- Hallenbeck, Charles V., Denver, Colo. Jaw crusher plate. 2,122,023; June 28.
- Hallenbeck, Charles V., Denver, Colo. Stone breaker. 2,127,027; Aug. 10.
- Hallenbeck, Harold F., Clinton, assignor to Gifford Wood Company, Hudson, N. Y. Electrical control mechanism for trolley bracket plants. Re. 20,630; Jan. 18.



- Haller, Cecil E. (See Philpott, L. R., and Haller.)
- Haller, Cecil E., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode. 2,138,918; Dec. 6.
- Haller, Cyrus W., Marblehead, Mass. Rotary internal combustion engine. 2,138,490; Nov. 29.
- Haller, Erwin. (See Valentin, C., and Haller.)
- Haller, Herbert L. J. (See Rose, W. G., and Haller.)
- Haller, Herbert L. J. (See Vivian, D. L., and Haller.)
- Haller, Robert, Riehen, and C. Graenacher, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Obtaining colored discharge effects on dyes. 2,104,300; Jan. 4.
- Hallett, Alfred, Los Angeles, Calif. Air compressor unit. 2,117,479; May 17.
- Hallett, Harry H. (See Hall, Carlos, and F., assignors.)
- Hallett, George E. A., assignor to General Motors Corporation, Detroit, Mich. U-type two-cycle engine. 2,133,510; Oct. 18.
- Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Co., Duncan, Okla. Apparatus for testing oil wells. Re. 20,688; Apr. 5.
- Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Packer. 2,138,156; Nov. 29.
- Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Removable packer for wells. 2,138,157; Nov. 29.
- Halliburton Oil Well Cementing Company. (See Bolton, K., and Weiler, assignors.)
- Halliburton Oil Well Cementing Company. (See Clason, Charles E., assignor.)
- Halliburton Oil Well Cementing Company. (See Creed, James G., assignor.)
- Halliburton Oil Well Cementing Co. (See Halliburton, Erle P., assignor.)
- Halliburton Oil Well Cementing Company. (See Hanes, Dean, assignor.)
- Halliburton Oil Well Cementing Company. (See Menaul, Paul L., assignor.)
- Halliburton Oil Well Cementing Company. (See Morriett, O. L., assignor.)
- Halliburton Oil Well Cementing Company. (See Owsley, William D., assignor.)
- Halliburton Oil Well Cementing Company. (See Phipps, John T., assignor.)
- Halliburton Oil Well Cementing Company. (See Rohrbach, Paul M., assignor.)
- Halliburton Oil Well Cementing Company. (See Weiler, John E., assignor.)
- Halliday, Bernard A. (See Kinzie, P. A., Halliday, and Kohler.)
- Halligan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,128,411; Aug. 30.
- Halligan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,131,589; Sept. 27.
- Halligan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,133,814; Oct. 18.
- Hallmark, Ethel O., Pasadena, Calif. Piepan. 2,123,359; July 12.
- Hallonquist, Earl G. (See Britton, E. C., Bass and Hallonquist.)
- Halloran Company, The. (See Gaskell, Charles J., assignor.)
- Halloran, Henry G., Mattapan, Boston, Mass. Shoe bottom filler. 2,124,819; July 26.
- Hallot, Paul, Paris, France. Braking system. 2,107,823; Feb. 8.
- Hallowell, Howard T., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Power sewing machine table. 2,116,433; May 3.
- Hallows, Raymond L. (See O'Harra, B. M., and Hallows.)
- Hallquist, Einar G., Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Wheel. 2,106,566; Jan. 25.
- Hallquist, Einar G., Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,127,916; Aug. 16.
- Hallquist, Einar G., Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,138,449; Nov. 29.
- Hallquist, Einar G., Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway pilot structure. 2,138,450; Nov. 29.
- Halls, Anton C., et al. (See Lunning, Gaylord, assignor.)
- Halousek, Joseph C., Malin, Oreg. Self-propelled potato digger. 2,105,532; Jan. 18.
- Halowax Corporation. (See Beattie, Robert W., assignor.)
- Halperin, Herman, Chicago, Ill. Duct splice for high voltage cables. 2,108,889; Feb. 22.
- Halpern, Emanuel, Newark, N. J. Nonrefillable bottle. 2,128,558; Aug. 30.
- Halpin, George H., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Container for and dispenser of ribbon-like material. 2,119,537; June 7.
- Halpin, Thomas E., Washington, D. C. Indicating instrument for navigation. 2,138,422; Nov. 29.
- Halpine, Charles G., Washington, D. C. Spin recovery device. 2,121,795; June 28.
- Halsam Products Company. (See Paulson, Nils I., assignor.)
- Halsey, Edward S., Arlington, Va. Safety cigarette holder. 2,123,466; July 12.
- Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Scrap tobacco feed. 2,130,765; Sept. 20.
- Halstead, Ralph T., Somerville, N. J., assignor to John-Manville Corporation, New York, N. Y. Anticorrosion packing assembly. 2,114,923; Apr. 19.
- Halstead, Rolla H., and H. Ferris, Indianapolis, Ind. Fly screen. 2,111,623; Mar. 22.
- Halstead, William S., New York, N. Y. Radio traffic control system. 2,131,042; Sept. 27.
- Haltenberger, Jules, Ann Arbor, Mich. Fender accessory. Re. 20,857; Sept. 13.
- Haltenberger, Jules, Ann Arbor, Mich. Automobile construction. 2,125,441; Aug. 2.
- Haltenberger, Jules, Indianapolis, Ind. Automobile wheel cover fastener. 2,115,768; May 3.
- Halter, George A., Lakewood, Ohio. Camp stove. 2,113,082; Apr. 5.
- Halter, George N., Canton, Ohio. Mechanical furnace. 2,121,229; June 21.
- Halvorsen, Elmer W., and A. C. Nigro, assignors to The Torrington Manufacturing Company, Torrington, Conn. Spring winding machine. 2,120,146; June 7.
- Halvorsen, Hans N., deceased, by Tradesmen Bank and Trust Company, administrator, assignor to Kimble Glass Company, Vineland, N. J. Glassworking machine. 2,125,017; July 26.
- Halvorson, Cromwell A. B., Lynn, Mass., assignor to General Electric Company. Lighting unit. 2,110,018; Mar. 1.
- Halvorson, H. Orin, and R. L. Smith, St. Paul, Minn. Treating sewage to purify the same. 2,141,979; Dec. 27.
- Halvorson, Halvor O., St. Paul, M. Bayliss, Minneapolis, and J. L. Wilson, assignors to Economics Laboratory Inc., St. Paul, Minn. Germicidal detergent. 2,138,805; Nov. 29.
- Halvorson, Halvor O., and J. L. Wilson, St. Paul, and E. J. Ordal, Minneapolis, Minn., assignors to Economics Laboratory Inc., St. Paul, Minn. Germicidal detergent. 2,138,806; Nov. 29.
- Ham Boiler Corporation. (See Gleason, Stanley F., assignor.)
- Ham, John, San Francisco, Calif. Air release means and combination in railway air-brake system. 2,121,774; June 28.
- Hamacher, Fritz, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Rectifier system. 2,114,840; Apr. 19.
- Hamacher, Fritz, Spandau-Ruhleben, Germany, assignor to General Electric Company. Stroboscope. 2,133,138; Oct. 11.
- Hamacher, Fritz, Berlin-Spandau, Germany, assignor to General Electric Company. Electric valve circuit. 2,133,857; Oct. 18.
- Hamaker, Rex G., Houston, Tex. Bar cabinet. 2,141,468; Dec. 27.
- Hamant, Edward W., Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Work decorating method and implement. 2,114,379; Apr. 19.
- Hambeck, Joseph, New York, N. Y. Picture stand. 2,104,256; Jan. 4.
- Hambleton, Emerson, Toronto, Ontario, Canada. Air conditioner. 2,132,263; Oct. 4.
- Hambrook, George W., Oak Park, assignor to Clarin Mfg. Co., Chicago, Ill. Chair tip and fastener therefor. 2,137,803; Nov. 22.
- Hambuechen, Carl, Belleville, Ill., assignor to B-L Electric Manufacturing Company, St. Louis, Mo. Device for rectifying alternating current. 2,111,047; Mar. 15.
- Hamby, William I. (See Schellens, E. L., and Hamby.)
- Hamel, J. Samuel, Babylon, N. Y., and R. C. Engelken, Clifton, N. J., assignors, by mesne assignments, to New York World's Fair, 1939, Inc., New York, N. Y. Lighting fixture. 2,124,417; July 19.
- Hamel, Lionel, Waterbury, Conn. Attachment for electric razors. 2,132,898; Oct. 11.
- Hamel, Richard T., Beverly Hills, Calif. Bladed implement. 2,116,890; May 10.
- Hamel, Wilhelm, assignor to Carp's Handelsbureau voor Aviatiek en Scheepszaken N. V., Amsterdam, Netherlands. Coin controlled vending apparatus for ice cream packages. 2,104,034; Jan. 4.
- Hamer, August M., Cedar Bayou, Tex. Pipe rotating apparatus. 2,115,104; Apr. 26.
- Hamer, Frances M., London, England, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Oxacyanines and preparing them. 2,108,485; Feb. 15.
- Hamer, Frances M., and N. I. Fisher, Harrow, England, assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. 1'-cyanine dyes and the preparation thereof. 2,108,484; Feb. 15.
- Hamer, Frances M., and N. I. Fisher, Harrow, England, assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparation of cyanine and related dyes. 2,141,434; Dec. 27.
- Hamer, James H. S., Brooklyn, N. Y., assignor to Trans-Lux Corporation. Control system. Re. 20,793; July 12.



- Hamerstadt, William D., Indianapolis, Ind., assignor to Rockwood Manufacturing Company. Pivotal mounting for pulley structures. 2,125,004; July 26.
- Hamill, Julian F., Temple, Tex. De-icer for aeroplanes and the like. 2,133,025; Oct. 11.
- Hamill, Helen B. (See Liss, Samuel A., assignor.)
- Hamill, John C. (See Hull, C. W., and Hamill.)
- Hamill, Ret O., Elmhurst, N. Y., assignor to Sangamo Electric Company, Springfield, Ill. Reset mechanism for demand registers. 2,123,943; July 19.
- Hamill, Ret O., Elmhurst, N. Y., assignor to Sangamo Electric Company, Springfield, Ill. Reset mechanism for demand registers. 2,123,944; July 19.
- Hamill, William W., Chigwell, England. Plug for insertion in walls and other places. 2,125,018; July 26.
- Hamill, William W., Chigwell, England. Coupling for the transmission of power or movement. 2,125,559; Aug. 2.
- Hamilton, Alexander, and C. Brock, St. Joseph, Mo. Garment hanger attachment. 2,106,947; Feb. 1.
- Hamilton, Alfred E., Pittsburgh, Pa. Polishing apparatus. 2,113,836; Apr. 12.
- Hamilton, Alex K. (See Kimmel, C. P., and Hamilton.)
- Hamilton, Alfred E., Pittsburgh, Pa. Polishing apparatus. 2,123,171; July 12.
- Hamilton Autographic Register Company, The. (See Roosevelt, M. S., and Bezold, assignors.)
- Hamilton, Brown Shoe Company. (See Jannings, Charles J., assignor.)
- Hamilton Caster and Manufacturing Company, The. (See Henry, Alphonse, assignor.)
- Hamilton, Charles A., Anniston, Ala. Continuous tuyère. 2,112,908; Apr. 5.
- Hamilton, Charles H. (See Finley, W. H., and Hamilton.)
- Hamilton, Everett R. (See Schellin, J. C., Housekeeper, and Hamilton.)
- Hamilton-Fletcher, Mervyn. (See Weaver, W. A., and Hamilton-Fletcher.)
- Hamilton, Francis A., Jr., and E. H. Bancker, Schenectady, N. Y., assignors to General Electric Company. Automatic reclosing circuit breaker system. 2,128,816; Aug. 30.
- Hamilton, Frank J. (See Anderson, S. M., and Hamilton.)
- Hamilton, Glen W., Independence, assignor of one-fourth to V. H. Rowlett, Kansas City, Mo. Retractable step for vehicles. 2,118,557; May 24.
- Hamilton, Herbert C. (See Rawlins, A. L., and Hamilton.)
- Hamilton, Herbert E., Conrad, Iowa. Saw filing machine. 2,110,396; Mar. 8.
- Hamilton, James L., Richmond Heights, assignor to Century Electric Company, St. Louis, Mo. Base for powered apparatus. 2,134,819; Nov. 1.
- Hamilton, Jennie B., Westfield, Mass. Sign device. 2,126,008; Aug. 9.
- Hamilton, Joe W., assignor of forty-five per cent to R. J. Hamilton, Los Angeles, Calif. Stop motion for knitting machines. 2,121,964; June 28.
- Hamilton, John H., Sioux City, Iowa. Safe dial. 2,138,003; Nov. 29.
- Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Sputum cup. 2,126,701; Aug. 16.
- Hamilton, Lillian L., executrix. (See Kimmel, C. P., and Hamilton, assignors.)
- Hamilton Manufacturing Company. (See Lesperance, D. J., assignor.)
- Hamilton Manufacturing Company. (See Scheuer, Ralph I., assignor.)
- Hamilton, Reynolds J. (See Hamilton, Joe W., assignor.)
- Hamilton, Robert A., Newport News, Va. Defective light indicator. 2,110,221; Mar. 8.
- Hamilton, Sidney A., Shreveport, La. Permanent wave curler. 2,108,374; Feb. 15.
- Hamilton, Thomas A., Hale, England. Golf putter. 2,107,983; Feb. 8.
- Hamilton, William L., Glasgow, Scotland. Rope socket or capel. 2,127,115; Aug. 16.
- Hamilton, William S. H., Larchmont, and K. B. Rowell, Yonkers, N. Y., assignors to The New York Central Railroad Company. Steam heating boiler control for electric locomotives. 2,116,943; May 10.
- Hamilton, William S. H., Larchmont, and F. W. Butt, Woodside, N. Y., assignors to The New York Central Railroad Company. Centering device for articulated trucks. 2,116,944; May 10.
- Hamilton, William S. H., Larchmont, and F. W. Butt, Woodside, N. Y., assignors to The New York Central Railroad Company. Centering device for locomotive trucks. 2,134,443; Oct. 25.
- Hamlett, Robert T., assignor to The Western Union Telegraph Company, New York, N. Y. Shunt balancing network for telegraph circuits. 2,138,675; Nov. 29.
- Hamlin, Guy E., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,125,018; July 26.
- Hamlin, Marston L. (See Miller, S. P., and Hamlin.)
- Hamlin, Marston L., Lynbrook, assignor to The Barrett Company, New York, N. Y. Interlocking flexible shingle. 2,104,078; Jan. 4.
- Hamlin, Marston L., Lynbrook, assignor to The Barrett Company, New York, N. Y. Reversible Dutch lap shingle. 2,139,015; Dec. 6.
- Hamlin Metal Products Company, The. (See Austin Harvey D., assignor.)
- Hamlin, Walter E., assignor, by mesne assignments, to Consolidated Iron-Steel Manufacturing Company of 1932, Cleveland, Ohio. Loading device. 2,107,569; Feb. 8.
- Hamlin, Walter E., assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Multiple impression printing means. 2,138,096; Nov. 29.
- Hamlin, Walter E., assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Elevating platform. 2,138,377; Nov. 29.
- Hamm, Alois, Tirschenreuth, Germany. Road roller. 2,132,107; Oct. 4.
- Hamm, Herbert A., Pasadena, Calif. Fruit marking apparatus. 2,134,041; Oct. 25.
- Hamm, James I., Fairfield, assignor to The Bridgeport Coach Lace Company, Incorporated, Bridgeport, Conn. Finishing molding for upholstery. 2,117,883; May 17.
- Hamm, Karl P., New York, N. Y. Washing machine. 2,121,431; June 21.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Curtain fixture. 2,113,837; Apr. 12.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,141,039; Dec. 20.
- Hammack, George W., Richmond, Va. Separator. 2,117,845; May 17.
- Hammack, Ramesis A., Idledale, Colo., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,111,624; Mar. 22.
- Hammar, Herbert G., assignor to Federal Electric Company, Chicago, Ill. Lamp support. Re. 20,671; Mar. 15.
- Hammarberg, Axel, Lidings, Sweden. Recovery of valuable metals or metal compounds from complex ores. 2,123,240; July 12.
- Hammarle, Josef, San Francisco, Calif. Lock. 2,125,227; July 26.
- Hammell, Charles E., Red Bank, N. J. Door closer. 2,106,926; Feb. 1.
- Hammell, Charles H., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Tumbling mill. 2,131,732; Oct. 4.
- Hammell Oil Burning Equipment Company. (See Woolley, Bradford G., assignor.)
- Hammel, Riglander & Co. (See Renz, Edward, assignor.)
- Hammen, Charles B., East Orange, N. J., assignor to National Blank Book Company, Holyoke, Mass. Loose leaf binder. 2,139,159; Dec. 6.
- Hammer, Bernard W. (See Lane, C. B., and Hammer.)
- Hammer, Bernard W., Ames, Iowa, and H. C. Horneman, and M. E. Parker, Danville, Ill., assignors to Sealtest System Laboratories, Inc., Baltimore, Md. Apparatus for treating lactic fluids. 2,130,643; Sept. 20.
- Hammer, Bernard W., Ames, Iowa, H. C. Horneman, S. N. Quam, and F. F. Lockwood, Danville, Ill., H. F. Beery, Omaha, Nebr., and M. E. Parker, Danville, Ill., assignors to Sealtest System Laboratories, Inc., New York, N. Y. Apparatus for treating lactic fluids. 2,130,644; Sept. 20.
- Hammer-Bray Company. (See Leonard, Joseph E., assignor.)
- Hammer, Charles F. (See Cook, E. S., and Hammer.)
- Hammer, Charles F. (See Work, E. A., and Hammer.)
- Hammer, Hyman C., assignor to Price Brothers, Inc., Chicago, Ill. Illuminated sign. 2,106,891; Feb. 1.
- Hammer, Hyman C., assignor to Price Brothers, Inc., Chicago, Ill. Illuminated sign. 2,118,777; May 24.
- Hammer, Richard, Winnenden, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Starting apparatus for internal combustion engines. 2,128,939; Sept. 6.
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Venetian blind slat. 2,130,319; Sept. 13.
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Venetian blind tape. 2,130,320; Sept. 13.
- Hammer, William M., et al. (See Christiansen, Frederick A., assignor.)
- Hammer, William H., et al. (See Hecht, Clinton J., as assignor.)
- Hammer, William O., San Francisco, Calif. Collimating apparatus for aligning prism-type binoculars. 2,129,130; Sept. 6.
- Hammerbeck, Alden F., assignor of two-fifths to F. F. Webber, Duluth, Minn. Door catch. 2,132,733; Oct. 11.
- Hammerl, Jacob, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,107,115; Feb. 1.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Thermoelectric overload switch. Re. 20,649; Feb. 8.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 2,134,717; Nov. 1.
- Hammerman, Meyer A., Chicago, Ill. Garment. 2,140,797; Dec. 20.
- Hammermill Paper Company. (See Parsons J. L., and Jackson, assignors.)
- Hammers, Burt F. (See Hammers, James E. and B. F., and Buchler.)



- Hammers, Earl E., Saint Joseph, assignor of one-half to C. M. Jespersen, Kansas City, Mo. Internal combustion motor. 2,121,660; June 21.
- Hammers, James E. and B. F., and E. C. Buchler, Lawrence, assignors of one-fourth to E. S. and F. E. Bates, Topeka, Kans. Automobile cooler. 2,110,222; Mar. 8.
- Hammill, Harry M. (See Preston, C. I., and Hammill.)
- Hammis, Fred. (See Woolley, T. R., and Hammis.)
- Hammond, Charles F., Jr., and H. E. Pulleyblank, assignors to Gemmer Manufacturing Company, Detroit, Mich. Worm gear adjustment for steering gears. Re. 20,637; Jan. 25.
- Hammond, Charles F., Jr., and K. B. Hokansson, assignors to Gemmer Manufacturing Company, Detroit, Mich. Adjustment means for steering gears. 2,115,164; Apr. 26.
- Hammond, Clayton R., assignor of fifty-five percent to Herbert E. Foster, Salem, Oreg. Oil burner. 2,115,850; May 3.
- Hammond, Frederick, Charlotte, N. C., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Metallic tire cover. Re. 20,644; Feb. 1.
- Hammond, Floyd H., East Moline, assignor to Deere & Company, Moline, Ill. Knife head. 2,130,391; Sept. 20.
- Hammond, Grant, Hamden, Conn. Valve for carburetors. 2,122,773; July 5.
- Hammond, Grant, New Haven, Conn. Knife sharpener. 2,124,878; July 26.
- Hammond Instrument Company. (See Smiley, Gilbert, assignor.)
- Hammond, John H., Jr. (See Purington, Ellison S., assignor.)
- Hammond, John H., Jr., Gloucester, Mass. Compass alarm. 2,118,082; May 24.
- Hammond, John H., Jr., Gloucester, Mass. Facilitating engine starting. 2,125,610; Aug. 2.
- Hammond, John M., Washington, D. C., assignor to The Varnish Products Company, Cleveland, Ohio. Photoengraving. 2,136,176; Nov. 8.
- Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,126,464; Aug. 9.
- Hammond, Laurens, Chicago, Ill. Keyboard for musical instruments. 2,117,002; May 10.
- Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,126,682; Aug. 9.
- Hammond Machinery Builders, Inc. (See Hobart, J. P., and Krueger, assignors.)
- Hammond, Mark C., Bradford, assignor to Lec Engineering Corporation, Smethport, Pa. Automatic lubricating device. 2,141,863; Dec. 27.
- Hammond Paint & Chemical Co. (See Faloan, D. B., and Whittaker, assignors.)
- Hammond, Samuel I. (See Myhren, A. J., and Hammond.)
- Hammond, Theodore A., Upper Montclair, N. J. Filtering valve and the like. 2,109,230; Feb. 22.
- Hammond, Theodore A., Montclair, N. J. Air-inflating device. 2,126,770; Aug. 16.
- Hammond, Wade H., Jr., Lillybrook, W. Va. Car coupling. 2,112,020; Mar. 22.
- Hammond, Weldon W. (See Shayer, F. P., and Hammond.)
- Hamon, Weslie M., Bell, Calif. Locking means. 2,121,230; June 21.
- Hampton Company. (See Dunham, Edward C., assignor.)
- Hampton Company. (See McConnell, Thomas, assignor.)
- Hampton, George E. (See Potdevin, A., and Hampton.)
- Hampton, Leon N., New York, N. Y., and A. K. Smith, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic ticket distributing system. 2,126,549; Aug. 9.
- Hampton, Weldon O., assignor to Delta-Star Electric Company, Chicago, Ill. Power control means. 2,109,919; Mar. 1.
- Hampton, Weldon O., assignor to Delta-Star Electric Company, Chicago, Ill. Switching device. 2,132,686; Oct. 11.
- Hampton, Weldon O., Chicago, and A. E. Nessler, Evans-ton, assignors to Delta-Star Electric Company, Chicago, Ill. Contact means. 2,132,685; Oct. 11.
- Hampton, William H., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Transporting asphalts and the like. 2,119,538; June 7.
- Hampton, William H., O. E. Cushman, and J. E. Fratis, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Asphaltic material and producing the same. 2,115,306; Apr. 26.
- Hampton, William H., and T. W. Doell, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Sealing composition for waterless gas holders. 2,138,158; Nov. 29.
- Hampton, William M., Winter Haven, Fla., assignor to Brodrex Company, Pomona, Calif. Apparatus for applying liquid material to globular articles. 2,128,028; Aug. 23.
- Hamren, Eric O., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,119,812; June 7.
- Hamrick, Marie M., and F. B. Spence, New York, N. Y. Insect exterminator, sterilizer, and drier. 2,117,419; May 17.
- Hamrock, Frank J., E. L. Simonson, and A. P. Meng, Homestead, Pa. Vaporizer. 2,140,425; Dec. 13.
- Hanahan, Marion L., Wilmington, Del., and J. D. Prince, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Calcium sulphate-zinc sulphide pigment. 2,123,698; July 12.
- Hanak, Albert, Philadelphia, Pa. Production of solder and ternary metals. 2,116,891; May 10.
- Hanak, Benjamin B., Chicago, Ill. Smoker and steam vapor cooker for hams and other meats and meat products. 2,123,040; July 5.
- Hanau Engineering Company. (See Franwick, Edmond J., assignor.)
- Hanauer, Darwin, La Grange, assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Seating furniture construction. 2,109,697; Mar. 1.
- Hanawalt, Joseph D., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of calcium metal. 2,122,419; July 5.
- Hanawalt, Joseph D., and C. E. Nelson, assignors to The Dow Chemical Company, Midland, Mich. Making calcium. 2,122,420; July 5.
- Hanawalt, Joseph D., and C. E. Nelson, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,571; July 26.
- Hanawalt, Joseph D., and C. E. Nelson, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,124,572; July 26.
- Hanby, Albert T., et al. (See Beck, Clarence E., assignor.)
- Hancock, Arnold L. (See Engel, F. V. A. E., and Hancock.)
- Hancock, William T., Long Beach, Calif. Oil cracking tube lining. 2,129,174; Sept. 6.
- Hand, John F., Philadelphia, Pa., assignor to The De Long Hook and Eye Company. Sewing machine mechanism. 2,124,033; July 19.
- Hand, John L. H. (See Schulte, Fritz, assignor.)
- Hand, Leslie T. (See Korndorfer, C. J., and Hand.)
- Hand, Wilfred C., New York, N. Y. Liquid cosmetic applicator. 2,118,083; May 24.
- Hand, Wilfred C., New York, N. Y. Cosmetic applicator. 2,140,009; Dec. 13.
- Han-Dee Manufacturing Corp. (See Gladstone, Arthur, assignor.)
- Handelman, H. H., et al. (See Hazey, George W., assignor.)
- Handforth, Stanley L., and K. C. Simon, Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing ammonium nitrate. 2,115,851; May 3.
- Handler, Edward, Irvington, N. J. Compensating dental press. 2,139,496; Dec. 6.
- Handley, Arthur H. (See Neale, Edgar W., and Handley.)
- Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,119,814; June 7.
- Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,126,323; Aug. 9.
- Handley, John, London, England. Ticket printing and issuing machine for totalizers. 2,111,927; Mar. 22.
- Handley, John, London, England. Registering apparatus particularly applicable to totalizers. 2,124,697; July 26.
- Handley, John, London, England. Ticket printing and issuing machine for totalizers. 2,135,574; Nov. 8.
- Handman, Maurice, assignor to A. Weiner, Providence, R. I. Brooch assemblage. 2,120,215; June 7.
- Handman, Maurice, assignor to A. Weiner, Providence, R. I. Brooch assemblage. 2,120,216; June 7.
- Handschuh, Anton, Berlin, Germany. Sewing machine. 2,111,394; Mar. 15.
- Handwerk, Otto T., assignor to Republic Flow Meters Company, Chicago, Ill. Impedance controlling apparatus. 2,123,725; July 12.
- Handy Governor Corporation. (See Adler, Herman G., assignor.)
- Handy & Harman. (See Comstock, Gregory J., assignor.)
- Handy & Harman. (See Leach, Robert H., assignor.)
- Handy, Lucien H. (See Peters, L. E., and Handy.)
- Handy-Roll Company. (See Ellenburg, Sanford J., assignor.)
- Haney, Roy L., San Francisco, Calif. Gas burner. 2,134,972; Nov. 1.
- Handy, Sherman T. (See Campbell, Edward, assignor.)
- Hanel, Charles L., Jackson Heights, N. Y. Onion chopper. 2,140,010; Dec. 13.
- Hanes, Dean, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Casing float collar. 2,117,318; May 17.
- Hanes, Dean, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Packer for use in wells. 2,122,742; July 5.
- Hanes, Dean, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Apparatus for testing wells. 2,125,159; July 26.
- Hanes Hosiery Mills Co. (See Miller, Eugene F., assignor.)
- Hanes, Vaughan D., Duncan, Okla. Weight indicating device. 2,118,727; May 24.
- Haney, Mack, and F. E. Lempe, Pontiac, Mich. Garbage can holder. 2,112,155; Mar. 22.
- Hanft, Hans, Munich, Germany. Joint for the connection of shafts. 2,128,088; Aug. 23.



- Hanicke, Paul G. E., Kansas City, Mo. Fracture clamping apparatus. 2,121,193; June 21.
- Hanisch, Helmut. (See Giesen, J., Hanisch, and Dally.)
- Hanks, Frederick W., Cleveland, Ohio. Frangible bolt-holding construction. 2,138,159; Nov. 29.
- Hanks, George R., Clinton, assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Dredge bucket. 2,124,517; July 19.
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Fountain pen. 2,105,189; Jan. 11.
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. New York, N. Y. Fountain pen. 2,133,617; Oct. 18.
- Hänlein, Walter, Berlin-Haselhorst, and H. Krefft, Berlin-Friedrichshagen, Germany, assignors to General Electric Company. Electric gaseous discharge device. 2,135,662; Nov. 8.
- Hänlein, Walter, Berlin-Haselhorst, and H. Krefft, Berlin-Friedrichshagen, Germany, assignors to General Electric Company. Glass composition. 2,135,663; Nov. 8.
- Hanley, Edward J., Kingston, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Delay electric blasting cap. 2,139,581; Dec. 6.
- Hanley, Frank H. (See Bonorden, A. R., Carter, and Hanley.)
- Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Telegraph repeater. 2,134,820; Nov. 1.
- Hanley, John H., Chelsea, Okla. Device for raising and lowering automobile window glass. 2,115,632; Apr. 26.
- Hanlon-Waters, Inc. (See Griffey, Leon J., and Herndon, assignors.)
- Hann, Albert G., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,133,226; Oct. 11.
- Hanna, Atto N., Newark, assignor to Paralex Corporation, Newark, N. J. Wire coiling machine. 2,113,428; Apr. 5.
- Hanna, Atto N., assignor to Paralex Corporation, Newark, N. J. Bookbinding machine. 2,136,773; Nov. 15.
- Hanna, Clinton R., Pittsburgh, Pa. Shock absorber. 2,140,357; Dec. 13.
- Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,114,841; Apr. 19.
- Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,128,045; Aug. 23.
- Hanna, Clinton R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Shock absorber. 2,140,358; Dec. 13.
- Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve arrangement of inertia shock absorbers. 2,140,359; Dec. 13.
- Hanna, Horace W., assignor of one-half to K. Malik, New York, N. Y. Slide vehicle. 2,120,747; June 14.
- Hanna, Horace W., assignor of one-half to K. Malik, New York, N. Y. Amusement device. 2,137,839; Nov. 22.
- Hanna, Michael, Glen Rogers, W. Va. Milling attachment. 2,140,957; Dec. 20.
- Hanna, William T., Cincinnati, Ohio. Stoker for locomotives. 2,104,035; Jan. 4.
- Hanna, William T., Cincinnati, Ohio. Stoker. 2,116,115; May 3.
- Hanna, William T., Cincinnati, Ohio. Distributor plate for steam blast stokers. 2,125,289; Aug. 2.
- Hanna, William T., Cincinnati, Ohio. Stoker lubrication. 2,125,917; Aug. 9.
- Hanna, William T., Cincinnati, Ohio. Stoker mechanism. 2,128,940; Sept. 6.
- Hannaford, Thomas S., Winthrop, Mass., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Ink roller socket for printing machines. 2,115,579; Apr. 26.
- Hannay, Hamilton F., and H. E. Briggs, Westerlo, N. Y. Sanding device. 2,128,585; Aug. 30.
- Hannay, Robert S. E. (See Morton, J., and Hannay.)
- Hanneman, Robert G., Chicago, Ill. Gripping implement. 2,116,928; May 10.
- Hannibal Car Wheel and Foundry Company. (See Mulvihill, Daniel C., assignor.)
- Hannon, Albert H., Springfield, Ohio. Reversing movement for plating machines. 2,127,406; Aug. 16.
- Hannon, Wilbur. (See Andrews, C., and Hannon.)
- Hannum, Chester W., and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,115,852; May 3.
- Hano, Edward, Holyoke, Mass. Counter sales book. 2,120,438; June 14.
- Hano, Edward, Holyoke, Mass. Transfer sheet holder. 2,136,817; Nov. 15.
- Hano, Edward, and J. M. Prentice, Holyoke, Mass.; said Prentice assignor to said Hano. Flatbed typewriting machine. 2,105,732; Jan. 18.
- Hanovia Chemical and Manufacturing Company. (See Bird, Lester E., assignor.)
- Hans, Edmund E., Detroit, Mich. Injecting a plurality of motor fuels into internal combustion engines. 2,129,930; Sept. 13.
- Hansa Mühle Aktiengesellschaft. (See Engler, Peter J. W., assignor.)
- Hansch, August C., Cliffside, and H. E. Hansch, Whippany, N. J.; said A. C. Hansch assignor to F. J. McCann and J. F. Monahan. Camera stop device and timing means therefor. 2,135,506; Nov. 8.
- Hansch, August C., Cliffside, and H. E. Hansch, Whippany, N. J.; said A. C. Hansch assignor to F. J. McCann and J. F. Monahan. Camera stop device. 2,135,517; Nov. 8.
- Hansch, August C., Cliffside, and H. E. Hansch, Whippany; said A. C. Hansch assignor to O. Platz, Dumont, N. J. Flash exposure device for cameras. 2,135,575; Nov. 8.
- Hansch, Henry E. (See Hansch, August C. and H. E.)
- Hanschke, Albert, Eichwalde-Schmoeckwitz, near Berlin, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Turbine plant. 2,112,090; Mar. 22.
- Hanscom, Le Roy. (See Currens, James E. C., assignor.)
- Hanscom, Le Roy. (See Eckenroth, Henry L., assignor.)
- Hansell, Clarence W. (See Conklin, J. W., and Hansell.)
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency control. 2,104,801; Jan. 11.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling system. 2,111,665; Mar. 22.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Amplifier. 2,118,845; May 31.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Variable reactance modulator circuit. 2,121,737; June 21.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Lightning arrester. 2,123,333; July 12.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Reduction of tube noises. 2,135,034; Nov. 1.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generator. 2,137,687; Nov. 22.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillatory circuit. 2,138,161; Nov. 29.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Thermionic tube and circuits. 2,138,162; Nov. 29.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Control of hardening of steel. 2,123,776; July 12.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Automotive electrical system. 2,138,160; Nov. 29.
- Hansell, Clarence W., Port Jefferson, and N. E. Lindblad, Rocky Point, N. Y., assignors to Radio Corporation of America. Antenna. 2,112,287; Mar. 29.
- Hansell, Clarence W., Port Jefferson, and N. E. Lindblad, Rocky Point, N. Y., assignors to Radio Corporation of America. Antenna. 2,113,136; Apr. 5.
- Hansen, Aage C. C., Lindeneau, N. J., assignor to Mack Manufacturing Corporation. Bevel pinion mounting for transmissions. 2,105,437; Jan. 11.
- Hansen, A. L., Mfg. Co. (See Hansen, Augie L., assignor.)
- Hansen, Alden W., assignor to The Dow Chemical Company, Midland, Mich. Purifying tetrachloroethylene. 2,120,668; June 14.
- Hansen, Andrew. (See Hjelm, Alfred, assignor.)
- Hansen, Arthur E., Seattle, Wash., and C. W. Spiering, Portland, Oreg., assignors to Young Iron Works, Seattle, Wash. Tong line control for skidder carriages. 2,141,469; Dec. 27.
- Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Adhered gang of wire staples. 2,122,814; July 5.
- Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Stapling machine. 2,122,815; July 5.
- Hansen, Birkelund, San Francisco, Calif. Door stop. 2,133,351; Oct. 18.
- Hansen, Birkelund, San Francisco, Calif. Valve lifter or valve puller. 2,133,697; Oct. 18.
- Hansen, Borge V., Randers, assignor to Aktieselskabet Dansk Gaeringsindustri, Copenhagen, Denmark. Fermentation of wort by yeast. 2,122,939; July 5.
- Hansen, Carl, and P. Besner, Montreal, Quebec, Canada. Adapting a gasoline engine to the use of oil as fuel. 2,141,435; Dec. 27.
- Hansen, Donald W., Decatur, Ill., assignor, by mesne assignments, to Prolamine Products, Incorporated, Dover, Del. Plasticized prolamine base composition. 2,115,716; May 3.
- Hansen, Donald W., Decatur, Ill., assignor, by mesne assignments, to Prolamine Products, Incorporated, Dover, Del. Manufacture of prolamine compositions. 2,115,717; May 3.
- Hansen, Edmund H., Hollywood, Calif. Electrophotographically recording sound. 2,105,769; Jan. 18.
- Hansen, Elmer H., Chicago, Ill. Pneumatic differential piston for internal combustion engines. 2,104,802; Jan. 11.
- Hansen, Frank J., Omaha, Neb., assignor of one-half to J. C. Valentine, Sioux City, Iowa. Thrust valve control means for internal combustion engines. 2,138,295; Nov. 8.



- Hansen, Fred E., Lakewood, Ohio. Nozzle. 2,118,451; May 24.
- Hansen, Hans P., Yonkers, N. Y. Steering knob for automobile steering wheels. 2,139,546; Dec. 6.
- Hansen, Henry, Burlingame, Calif., assignor to Swift and Company, Chicago, Ill. Rolling pin scraper. 2,118,923; May 31.
- Hansen, Henry, assignor to Chicago Lock Company, Chicago, Ill. Padlock. 2,141,748; Dec. 27.
- Hansen, Jack A., Matanuska, Alaska. Ice scraper for track motor cars. 2,105,416; Jan. 11.
- Hansen, James, Flushing, assignor of one-half to G. Drews, Brooklyn, N. Y. Collapsible tube closure and making the same. 2,129,687; Sept. 13.
- Hansen, Jasper, assignor to Faries Manufacturing Company, Decatur, Ill. Manufacturing electric connectors. 2,123,041; July 5.
- Hansen, Jens P., Copenhagen, Denmark. Blowing device powders. 2,117,093; May 10.
- Hansen, Jens P., Copenhagen, Denmark. Photographic camera for multi-photography. 2,125,560; Aug. 2.
- Hansen, John, Chicago, Ill. Aquatic toy. 2,109,531; Mar. 1.
- Hansen, Joseph R., Hanford, Calif. Automatic signaling apparatus. 2,141,980; Dec. 27.
- Hansen, Julius E., Rochester, N. Y. Truss. 2,126,550; Aug. 9.
- Hansen, Leslie M., assignor to Genco, Inc., Chicago, Ill. Game apparatus. 2,134,185; Oct. 25.
- Hansen, Lorrin L., Rapid City, S. Dak. Conduit door stop. 2,115,811; May 3.
- Hansen Mfg. Company. (See Hansen, W. L., and Hurst, assignors.)
- Hansen, Martin, Ventura, Calif. Garment clasp. 2,122,138; June 28.
- Hansen, Merrill E., assignor to American Anode Inc., Akron, Ohio. Rubber glove and making the same. 2,120,406; June 14.
- Hansen, Merrill E., assignor to American Anode Inc., Akron, Ohio. Manufacture of dress shields. 2,130,921; Sept. 20.
- Hansen, Niels C., and W. H. Francis, Bronx, N. Y. Curtain holder. 2,127,060; Aug. 16.
- Hansen, Peter M. (See Matteson, J. O., and Hansen.)
- Hansen, Ray C., Portland, Oreg. Tank or flume. 2,127,799; Aug. 23.
- Hansen, Waldemar C. (See Barsky, G., and Hansen.)
- Hansen, Waldemar S. (See Schweisthal, F. G., and Hansen.)
- Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Inc., Princeton, Ind. Synchronous motor. 2,128,141; Aug. 23.
- Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Inc., Princeton, Ind. Rotor. 2,128,142; Aug. 23.
- Hanser, Charles A., Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Plug contact. 2,105,884; Jan. 18.
- Hansgirg, Fritz. (See Erdmann, K., Hansgirg, and Schichtel.)
- Hansgirg, Fritz, Konan, Korea. Production of water enriched with heavy water. 2,134,249; Oct. 25.
- Hansgirg, Fritz, Radenthein, Carinthia, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Production of metallic magnesium. 2,109,841; Mar. 1.
- Hansgirg, Fritz, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Refining of metals. 2,118,973; May 31.
- Hansgirg, Fritz, Korea, Chosen, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Refining of metals. 2,122,139; June 28.
- Hansley, Virgil L. (See Scott, N. D., and Hansley.)
- Hanson, Andrew C., Racine, Wis. Controlling device for window shade rollers. 2,109,112; Feb. 22.
- Hanson, Arnold R., et al., trustees. (See Wolf, Harry C., assignor.)
- Hanson, Carl, Leer, assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Saddle for cycles. 2,104,512; Jan. 4.
- Hanson, Daniel, Haselor, Alcester, and W. T. Pell-Walpole, Tipton, assignors to J. Campbell, Kensington, England. Tin alloy. 2,109,387; Feb. 22.
- Hanson, Ellvin T., and J. C. Amell, Spokane, Wash. Control device for storage batteries. 2,118,558; May 24.
- Hanson, George W., San Francisco, Calif. Apparatus for making nets. 2,111,775; Mar. 22.
- Hanson, Hans M., Oshkosh, Wis. Rotary vane pump. 2,124,918; July 26.
- Hanson, Harold H., assignor to The Shaler Company, Waupun, Wis. Protective covering for uncured rubber patches. 2,126,774; Aug. 16.
- Hanson, Harry M., assignor to The Kennedy Car Liner & Bag Co., Shelbyville, Ind. Case liner. 2,122,317; June 28.
- Hanson, John G., assignor to H and T Engineering Corporation, Kenmore, N. Y. Transmission. 2,124,192; July 19.
- Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company, Inc., Hyde Park, Boston, Mass. Refrigeration drive. 2,104,696; Jan. 4.
- Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company. Heat exchange system. 2,136,132; Nov. 8.
- Hanson, Peder, Elrose, Saskatchewan, Canada. Combined machine. 2,132,210; Oct. 4.
- Hanson, Roy. (See Carlström, B., and Hanson.)
- Hanson, Roy E., Wauwatosa, and G. O. Frostad, assignors to Milprint Products Corporation, Milwaukee, Wis. Synchronizing ribbon speeds and of producing composite ribbons. 2,139,633; Dec. 6.
- Hanson, Russell N., assignor to American Gas Machine Company, Inc., Albert Lea, Minn. Cooking range. 2,126,109; Aug. 9.
- Hanson, S. Willner, et al., trustees. (See Wolf, Harry C., assignor.)
- Hanson-Van Winkle-Munning Company. (See Berger, Clarence E., assignor.)
- Hanson-Van Winkle-Munning Company. (See Hague, Louis M., assignor.)
- Hanson-Van Winkle-Munning Company. (See Mattacotti, Vincent, assignor.)
- Hanson-Van Winkle-Munning Company. (See Todd, Guerin, assignor.)
- Hanson, Walter M., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,132,467; Oct. 11.
- Hanssen, Henry, executor. (See Tranin, Samuel.)
- Hansson, Gutav H., Goteborg, Sweden. Wire holder. 2,140,225; Dec. 13.
- Hansson, Oscar, Goteborg, Sweden. Exhaust pipe for internal combustion engines. 2,106,427; Jan. 25.
- Hansson, Sigfrid V., Langshyttan, Sweden. Endless conveying strip for harvesters. 2,108,486; Feb. 15.
- Hantjopoulos, George, New York, N. Y. Cylinder detector spark plug. 2,120,804; June 14.
- Hanzlik, Paul J., San Mateo, assignor to Board of Trustees of Leland Stanford Jr. University of California. Antisyphilitic preparation and manufacture. 2,125,561; Aug. 2.
- Happel, Otto, Bochum, Germany. Air-cooled surface condenser. 2,107,478; Feb. 8.
- Hapella Limited. (See Warmisham, Arthur, assignor.)
- Hapman, Henry W., Detroit, Mich. Bracket for electric lamps. 2,117,884; May 17.
- Hapman, Henry W., Detroit, Mich. Conveyer-elevator. 2,130,492; Sept. 20.
- Harada, Henry H. (See Helgeby, R. O., and Harada.)
- Haralson, Fred W., Black River Falls, Wis. Shears. 2,129,352; Sept. 6.
- Harbaugh, William J., Ashland, Ohio. Multiple purpose welding jig. 2,116,263; May 3.
- Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake head wear receiving element. 2,110,575; Mar. 8.
- Harbert, Victor H., and M. S. Johnson, Chicago, Ill., assignors, by mesne assignments, to Railway Equipment Company. Brake shoe and key wedge means. 2,110,574; Mar. 8.
- Harbes, John T., Kansas City, Mo. Trailer jack. 2,131,281; Sept. 27.
- Harbison, George C., Erie, Pa., assignor to General Electric Company. Food storage receptacle for refrigerators. 2,114,878; Apr. 19.
- Harbison-Walker Refractories Company. (See Smalley, Henry L., assignor.)
- Harbor Plywood Corporation. (See Iben, Hajo B., assignor.)
- Harbor Plywood Corporation. (See Welch, Arthur R., assignor.)
- Harbord, Frank W. and V. London, England. Apparatus for casting metal. 2,127,407; Aug. 16.
- Harbord, Frank W. and V. London, England. Apparatus for casting metal. 2,141,981; Dec. 27.
- Harbord, Vernon. (See Harbord, Frank W. and V.)
- Harbordt, Carl G., Kansas City, Mo. Pumping assembly. 2,126,385; Aug. 9.
- Harbstreit, Charles B. (See Tolen, E. V., and Harbstreit.)
- Harburger Gummiwaren Fabrik Phoenix, Aktiengesellschaft. (See Meyer, Arnold, assignor.)
- Hard, Merrill W. (See Mackaban, R. E., and Hard.)
- Hardacre, Richard W. (See Blackshaw, H., Hardacre, and Sexton.)
- Harden, George N., Marion, Ohio. Door handle and lock. 2,117,420; May 17.
- Hardenberg, Jan J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mechanical sound recording apparatus. 2,118,347; May 24.
- Harder, Edwin L. (See West, C. P., Harder, and Fountain.)
- Harder, Edwin L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator rheostat. 2,109,214; Feb. 22.
- Harder, Edwin L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,109,215; Feb. 22.
- Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Potential source compensation. 2,130,842; Sept. 20.
- Harder, Edwin L., and L. J. Hibbard, Forest Hills, and W. R. Taliaferro, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway control system. 2,106,844; Feb. 1.
- Harder, Oscar E., assignor to Battelle Memorial Institute, Columbus, Ohio. Brazing alloy. 2,125,228; July 26.
- Harder, Perry J., Newalla, Okla. Veterinarian's instrument. 2,106,635; Jan. 25.



- Harder Refrigerator Corporation. (See Andros, Charles H., assignor.)
- Harder Refrigerator Corporation. (See Merrill, Harry L., assignor.)
- Hardesty, George K. C., Seat Pleasant, Md. Indicating device. 2,128,246; Aug. 30.
- Hardgrove, Ralph M. (See Bailey, E. G., and Hardgrove.)
- Hardgrove, Ralph M., Bethlehem Pa., assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Fuel burner. 2,111,928; Mar. 22.
- Hardgrove, Ralph M., Westfield, assignor by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Burner. 2,111,929; Mar. 22.
- Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fuel burner. 2,119,580; June 7.
- Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Furnace. 2,119,624; June 7.
- Hardgrove, Ralph M., Westfield, N. J., assignor to Bailey Meter Company. Control mechanism for furnaces. 2,127,445; Aug. 16.
- Hardgrove, Ralph M., Westfield, N. J., assignor to Bailey Meter Company. Control system. 2,141,604; Dec. 27.
- Hardgrove, Ralph M., and R. Shellenberger, Westfield, N. J., L. W. Heller, New York, N. Y., and R. L. Godshalk, Akron, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Furnace. 2,120,129; June 7.
- Hardie, David W. F., and C. Ockrent, Liverpool, England, assignors to Imperial Chemical Industries Limited. Manufacture of derivatives of paraffin wax. 2,130,952; Sept. 20.
- Hardie, Harry, assignor to The Faultless Manufacturing Company, Baltimore, Md. Garment band. 2,132,616; Oct. 11.
- Hardie, Harry, and J. F. Hargreaves, assignors to The Faultless Manufacturing Company, Baltimore, Md. Band for garments. 2,112,892; Apr. 5.
- Hardie, Harry W. (See Wainwright, Walter, assignor.)
- Hardie, James, & Co. Pty. Limited. (See Hill, Noel A., assignor.)
- Hardie Manufacturing Company, The. (See McQueen, Glenn J., assignor.)
- Hardie Manufacturing Company, The. (See Redhead, William R., assignor.)
- Hardies, Charles H. (See Baash, L. F., and Hardies.)
- Hardies, Charles H. (See Johnson, G. D., and Hardies.)
- Hardin, Maurine S., and L. D. Sims, Berkeley, Calif. Rack for storing linens. 2,108,333; Feb. 15.
- Harding, George W., Baltimore, Md. Fan. 2,137,671; Nov. 22.
- Harding, Margaret, Omaha, Nebr. Air filter for wall registers. 2,135,750; Nov. 8.
- Harding, Robert, Jr. (See Hopkins, Harry S., assignor.)
- Harding, Robert, Jr., White Plains, N. Y., assignor, by mesne assignments, to National Television Corporation, Wilmington, Del. Electrical transmission of images in natural colors. 2,109,773; Mar. 1.
- Harding, Robert, Jr., Elmsford, N. Y., assignor, by mesne assignments, to National Television Corporation, Wilmington, Del. Sound and picture system. 2,112,527; Mar. 29.
- Harding, Robert, Jr., Elmsford, N. Y., assignor to National Television Corporation, Wilmington, Del. Television receiver. 2,112,528; Mar. 29.
- Harding, Simon J., West Baldwin, Maine. Platform bracket for ladders. 2,104,987; Jan. 11.
- Harding, William G., North Acton, London, England. Gyrocompass. 2,110,766; Mar. 8.
- Harding, William G., London, and R. H. Nisbet, Osterley, England, assignors to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Gyroscopic compass. 2,128,559; Aug. 30.
- Harding, William H., Rockville Centre, assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Preparing a size. 2,128,482; Aug. 30.
- Harding, William R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for generators. 2,125,108; July 26.
- Hardinge Company. (See Hardinge, Harlowe, assignor.)
- Hardinge, Franklin, Chicago, Ill. Water separator for fluid lines. 2,113,447; Apr. 5.
- Hardinge, Harlowe, York, Pa. Ore reducing machine. 2,115,223; Apr. 26.
- Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Sedimentation apparatus. 2,126,884; Aug. 16.
- Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Classifier. 2,136,686; Nov. 15.
- Hardman, Peck & Company. (See Bridges, Stanley R., assignor.)
- Hardman, Peck and Company. (See Sauerland, Joseph, assignor.)
- Hardsoeg Manufacturing Company. (See Kittrell, Milton J., assignor.)
- Hardt, William G., Chicago, Ill. Air humidifier for a combustion engine. 2,108,556; Feb. 15.
- Hardmann Max. (See Franz, E., and Hardmann.)
- Hardwick, Fred C., et al. (See Strassman, Otto A., assignor.)
- Hardwick, John. (See Blythen, F., and Hardwick.)
- Hardwick, John. (See Browne, C. O., and Hardwick.)
- Hardwick Effer Company. (See Stream, John A., assignor.)
- Hardy, Arthur C., Wellesley, Mass., assignor to Interchemical Corporation, New York, N. Y. Printing plate. 2,136,340; Nov. 8.
- Hardy, Charles, New York, N. Y. Ash receiver. 2,108,436; Feb. 15.
- Hardy, Charles, Pelham, N. Y., assignor to The Linde Air Products Company. Welding rod. 2,121,194; June 21.
- Hardy, Charles, Pelham Manor, Pelham, N. Y., assignor to Hardy Metallurgical Company. Production of metal sheets. 2,134,366; Oct. 25.
- Hardy, Frank, Ramsey, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing apparatus. 2,120,407; June 14.
- Hardy, Isaac A., Evansville, Ind., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Machine for loading wrappers or pouches. 2,109,231; Feb. 22.
- Hardy, James C., Honolulu, Hawaii. Manually portable motor driven polisher. 2,115,812; May 3.
- Hardy, John L., Washington, D. C. Device for measuring the length of fibers. 2,120,358; June 14.
- Hardy Metallurgical Company. (See Hardy, Charles, assignor.)
- Hardy, Richard D., C. Machen, and E. H. G. Aram, Westminster, London, assignors to British Coal Distillation Limited, London, England. Apparatus for coking solid fuel briquettes. 2,112,401; Mar. 29.
- Hardy, Vernal R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrogen-containing cellulose derivatives. 2,136,296; Nov. 8.
- Hardy, Vernal R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diamides of unsaturated carboxylic acids and making the same. 2,139,679; Dec. 13.
- Hardy, William R., Austin, Tex. Cultivator. 2,131,659; Sept. 27.
- Hare, Sherman, Grantsville, Md., assignor of one-half to E. Georg, Accident, Md. Adjustable wrench. 2,112,565; Mar. 29.
- Harel, Oliver A., assignor to G. B. Dorey, Montreal, Quebec, Canada. Hand brake for railway cars and the like. 2,106,349; Jan. 25.
- Harford, Charles G., Wollaston, assignor to A. D. Little, Incorporated, Cambridge, Mass. Making chlorhydrin. 2,107,789; Feb. 8.
- Harger, Donald K., Hermosa Beach, and H. I. Wolff, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Refining oil. 2,122,059; June 28.
- Hargnett, Harold L., Turtle Creek, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Muffler. 2,106,482; Jan. 25.
- Hargreaves, John F. (See Hardie, H., and Hargreaves.)
- Hargrove, Frank L. (See Bigger, T. W., and Hargrove.)
- Hargrove, J. S. (See Battle, Harold P., assignor.)
- Haring, Ivan P., Houston, assignor of two-thirds to T. L. Cummings, Harris County, Tex. Motor. 2,134,786; Nov. 1.
- Haries, William J. D., Woodside, Long Island, N. Y. Signaling mechanism. 2,136,794; Nov. 15.
- Harkins, Henry H., River Edge, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Production of chemically resistant rubber coatings. 2,130,008; Sept. 13.
- Harkins, James J., Wheeling, W. Va. Educational game. 2,138,524; Nov. 29.
- Harkness, John C., Glencoe, Ill., assignor to The Consolidated Expanded Metal Companies. Implement. 2,134,942; Nov. 1.
- Harkort, Hans-Joachim. (See Harkort, Hermann, assignor.)
- Harkort, Hermann, Berlin, Germany. Production of lead glazes. 2,125,632; Aug. 2.
- Harkort, Hermann, Berlin-Tegel, Germany, assignor to Hans-Joachim Harkort, Zurich, Switzerland. Producing lead glazes. 2,140,381; Dec. 13.
- Harks, Walter M., Springfield, Mass. Oil supply fitting. 2,130,085; Sept. 13.
- Harlan, Howard H., East Moline, Ill., assignor to American Machine & Metals, Inc., New York, N. Y. Washing machine. 2,139,229; Dec. 6.
- Harley, Bertron G., Saco, Maine. Coupling. 2,127,359; Aug. 16.
- Harley, Bertron G., Saco, Maine, assignor to St. Paul Hydraulic Hoist Company, Minneapolis, Minn. Leveler. 2,136,614; Nov. 15.
- Harley-Davidson Motor Company. (See Devine, H. A., and Mollitor, assignors.)
- Harley-Davidson Motor Co. (See Harley, William S., assignor.)
- Harley, Erskine P., Oklahoma City, Okla. Seat pad and cushion. 2,120,353; Sept. 6.
- Harley, Herbert H., and J. Yorston, Coventry, England. Dressing grinding wheels used for form grinding. 2,134,607; Oct. 25.
- Harley, John B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical device. 2,107,752; Feb. 8.
- Harley, John B., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifier. 2,123,241; July 12.
- Harley, Joseph J., Fenady, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable plug. 2,128,412; Aug. 30.



- Harley, Joseph J., Tenaflly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Joint for electrical conductors. 2,133,448; Oct. 18.
- Harley, Stanley J., Stivichall, Coventry, England. Producing and/or finishing screw threads by grinding. 2,138,739; Nov. 29.
- Harley, William S., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Radio carrying attachment for bicycles and motorcycles. 2,109,315; Feb. 22.
- Harley, William S., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Oil tank and battery assembly. 2,109,316; Feb. 22.
- Harley, William S., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Lubricating system for internal combustion engines. 2,111,242; Mar. 15.
- Harlin, Herbert A., Indianapolis, Ind. Neck structure for stringed instruments. 2,128,460; Aug. 30.
- Harlin, Richard H. (See Farrier, L. H. and Harlin.)
- Harlow, Clark J., Deer Park, Ohio. Brake operating mechanism. 2,106,636; Jan. 25.
- Harlow, Frederick J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Thermometer well. 2,139,582; Dec. 6.
- Harlow, Woodward L., Newton, Mass. Gasket stripping. 2,122,608; July 5.
- Harman, Arlington R., Bloomsburg, assignor, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Material reducing means. 2,109,449; Mar. 1.
- Harman, Marion W., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,109,698; Mar. 1.
- Harman Pacific Company. (See Briggs, Arthur M., assignor.)
- Harmon Color Works, Inc. (See Vesce, Vincent, assignor.)
- Harmon, Dewey E., Dallas Center, Iowa. Disposable duster brush. 2,104,196; Jan. 4.
- Harmon, Edward F., Flushing, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Machine for packaging tooth brushes. 2,135,751; Nov. 8.
- Harmon, Edwin L., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Separable hinge connection. 2,131,802; Oct. 4.
- Harmon, Herbert H., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter actuator. 2,129,210; Sept. 6.
- Harmon, Herbert H., and N. B. Green, assignors to Eastman Kodak Company, Rochester, N. Y. Roll holding camera. 2,126,324; Aug. 9.
- Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing methacrylic esters of amino alcohols, in which the amino group is tertiary, and product. 2,138,762; Nov. 29.
- Harmon, Kenneth A. (See Borgerd, W. F., Bechman, and Harmon.)
- Harmon, Kenneth A., Longmeadow, assignor to Wico Electric Company, West Springfield, Mass. Magneto. 2,137,875; Nov. 22.
- Harmon, Lloyd J., New York, N. Y., assignor to Outboard, Marine & Manufacturing Company, Wilmington, Del. Outboard motor bracket. 2,138,600; Nov. 29.
- Harmon, Orlin B., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,113,403; Apr. 5.
- Harmon, Orlin B., Lakewood, and R. H. Maddock, Cleveland Heights, assignors to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,141,650; Dec. 27.
- Harmon, Patrick H., San Fernando, Calif. Sewing cabinet. 2,108,711; Feb. 15.
- Harmon, Robert E., Chicago, Ill. Bolt. 2,117,717; May 17.
- Harms, Herman P. (See Dragstedt, L. R., Van Prohaska, and Harms.)
- Harms, Otto W., Chicago, Ill. Sign. 2,124,698; July 26.
- Harn, Harry B. (See Novak, F. A., and Harn.)
- Harner, Harold R. (See Schaeffer, John A. and Harner.)
- Harner, Harold R., F. H. Schultz, and E. J. Ritchie, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery positive electrode and making the same. 2,108,748; Feb. 15.
- Harner, Harold R., F. H. Schultz, and E. J. Ritchie, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery positive electrode and making the same. 2,136,241; Nov. 8.
- Harness, Leroy R. (See Osborn, P. H. and Harness.)
- Harnett, Daniel E., Tuckahoe, N. Y., assignor to Hazeltine Corporation. Modulation circuit. 2,110,664; Mar. 8.
- Harnischfeger Corporation. (See Bates, Jesse H., assignor.)
- Harnischfeger Corporation. (See Esters, Joseph H., assignor.)
- Harnischfeger Corporation. (See Ferguson, Berlin S., assignor.)
- Harnischfeger Corporation. (See Harry, Geoffrey M., assignor.)
- Harnischfeger Corporation. (See Oesterlein, William J., assignor.)
- Harnly, David H., Chicago, Ill. Weatherproofing structure for doors. 2,106,322; Jan. 25.
- Harnly, David H., deceased, Chicago, Ill.; W. R. Matheny, administrator. Weather strip and making the same. 2,136,687; Nov. 15.
- Harnsberger, William I., Grottoes, Va. Automobile direction signal. 2,139,407; Dec. 6.
- Harold, Joyce A., Brewton, Ala. Bottle wrapper and wiper. 2,129,761; Sept. 13.
- Harp, Franklin H., assignor to Frank E. Best, Inc., Seattle, Wash. Lock. 2,138,856; Dec. 6.
- Harper, Edgar E., assignor to Hessolite, Limited, London, England. Plasterboard. 2,120,644; June 14.
- Harper, Harry D., assignor, by mesne assignments, to First National Bank and Trust Company of Minneapolis, Minneapolis, Minn., trustee. Apparatus for making infusions of coffee and other material. 2,112,156; Mar. 22.
- Harper, Joseph W. (See Frank, W. H., and Harper.)
- Harper, Samuel H. (See Fleming, Donald L., assignor.)
- Harper, Walter D., Florence, S. C. Automatic brake operator. 2,107,984; Feb. 8.
- Harper, Walter D., Florence S. C. Air conditioning apparatus. 2,134,121; Oct. 25.
- Harper, William, Jr., Port Washington, assignor to H. B. Motor Corporation, New York, N. Y. Spark plug. 2,127,512; Aug. 23.
- Harper, William, Jr., Port Washington, assignor to H. B. Motor Corporation, New York, N. Y. Spark plug. 2,127,513; Aug. 23.
- Harper, William, Jr., Port Washington, assignor to H. B. Motor Corporation, New York, N. Y. Differential pressure mechanism. 2,135,939; Nov. 8.
- Harper, William A. (See Frank, H. J. L., and Harper.)
- Harper, William A., and W. H. Frank, Detroit, Mich. Electrical distribution system. 2,116,674; May 10.
- Harptone Manufacturing Corporation. (See Orcutt, Elwyn T., assignor.)
- Harr, Herman E., Long Beach, and H. Colwell, Downey, Calif. Casing perforator. 2,116,572; May 10.
- Harr, Herman H., Newark, N. J. Method of and apparatus for dispensing beverages. Re. 20,702; Apr. 19.
- Harrah, Chester P. (See Harrah, Philip J. and C. P.)
- Harrah, Clayton C., assignor to National Standard Company, Niles, Mich. Automobile panel. 2,129,838; Sept. 13.
- Harrah, Philip J. and C. P., Bloomfield, Ind. Door check. 2,119,743; June 7.
- Harrap, Eric R., Manchester, England. Building block. 2,140,226; Dec. 13.
- Harrell, Fred E., assignor to Reliance Electric and Engineering Company, Cleveland, Ohio. Squirrel cage rotor and making the same. 2,139,748; Dec. 13.
- Harrer, Hans, Vienna, Austria, assignor to Evans Case Company, North Attleboro, Mass. Razor construction. 2,132,293; Oct. 4.
- Harries, John H. O., Frinton-on-Sea, Essex, England. Electron discharge tube circuits. 2,125,003; July 26.
- Harries, John H. O., Frinton-on-Sea, England. Electron discharge tube. 2,125,719; Aug. 2.
- Harrigan, Daniel W., U. S. Navy. Parachute life raft pack. 2,114,301; Apr. 19.
- Harriman, Charles E., West Bridgewater, and E. C. Robinson, Brookline, assignors to Jones & Vining, Inc., Brockton, Mass. Apparatus for use in remodeling lasts. 2,123,137; July 5.
- Harriman, Charles E., West Bridgewater, assignor to Jones & Vining, Inc., Brockton, Mass. Combined shoe-tree and shoehorn. 2,138,789; Nov. 29.
- Harrington, Alfred. (See Bagshaw, C. M., and Harrington.)
- Harrington, Alfred L., Rosslyn Farms, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for cutting curved glass sheets. 2,137,112; Nov. 15.
- Harrington, Bertie S., assignor to Armour and Company, Chicago, Ill. Dispensing carton. 2,124,699; July 26.
- Harrington, Edward L., assignor to Blaw-Knox Company, Pittsburgh, Pa. Road rail stake pocket. 2,138,634; Nov. 29.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,107,665; Feb. 8.
- Harrington, James B., Dorchester, assignor to The Waverly Heating Supply Co., Boston, Mass. Oil burner. 2,120,130; June 7.
- Harrington, James R., Mansfield, assignor, by mesne assignments, to The Autocal Company, Shelby, Ohio. Flow and pressure responsive indicator. 2,119,733; June 7.
- Harrington, Joseph, Riverside, Ill. Centrifugal filtration device. 2,113,321; Apr. 5.
- Harrington, Joseph, Riverside, Ill. Apparatus for drying and destroying municipal wastes. 2,116,573; May 10.
- Harrington, Joseph, Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 2,113,690; Apr. 12.
- Harrington, Joseph, Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Assembling device. 2,118,883; May 31.
- Harrington, Lou, San Antonio, Tex. No screed tile clip. 2,106,948; Feb. 1.
- Harrington, Paul J., Westfield, and H. G. Burks, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Making sulphuric acid from waste materials. 2,110,267; Mar. 8.
- Harrington, Paul J., Fanwood, N. J., assignor to Standard Oil Development Company. Recovering oil from petroleum acid sludge. 2,141,297; Dec. 27.
- Harrington, William E., Beaumont, Tex. Well screen. Re. 20,648; Feb. 1.



- Harris, H. V. McKay Massey, Proprietary Limited. (See Leason, James C. L., assignor.)
- Harris Air-Conditioner Corporation, The. (See Harris, Gordon D., assignor.)
- Harris, Albert J., assignor to Hills-McCanna Company, Chicago, Ill. Variable stroke mechanism. 2,108,311; Feb. 15.
- Harris, Benjamin R. (See Cahn, F. J., and Harris.)
- Harris, Benjamin R. (See Epstein, A. K., and Harris.)
- Harris, Benjamin R. (See Reynolds, M. C., Harris, and Epstein.)
- Harris, Benjamin R., Chicago, Ill. Water-oil emulsions and producing same. 2,109,842; Mar. 1.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 2,114,490; Apr. 19.
- Harris, Benjamin R., Chicago, Ill. Ore flotation. 2,120,217; June 7.
- Harris, Benjamin R., Chicago, Ill. Antiparasitic compositions. 2,134,917; Nov. 1.
- Harris, Benjamin R., Chicago, Ill., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Wetting agents. Re. 20,636; Jan. 25.
- Harris, Benjamin R., Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Shortening material and cake made therefrom. 2,132,416; Oct. 11.
- Harris, Benjamin R., Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Cake. 2,132,417; Oct. 11.
- Harris, Benjamin R., Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Shortening material and cake made therefrom. 2,132,687; Oct. 11.
- Harris, Bert C., Lansing, assignor to General Motors Corporation, Detroit, Mich. Steering wheel instrument panel. 2,138,163; Nov. 29.
- Harris, Billups, Columbus, Miss. Coupon book. 2,108,749; Feb. 15.
- Harris, Burness V., assignor of one-half to H. Hasskamp, Fort Sumner, N. Mex. Solder feed for soldering irons. 2,125,781; Aug. 2.
- Harris, Carl D., assignor of thirty per cent to J. J. Cullen, and thirty per cent to A. G. Dax, Chicago, Ill. Sanitary device. 2,112,021; Mar. 22.
- Harris, Charles W., Seattle, Wash. Navigational instrument. 2,108,260; Feb. 15.
- Harris, Claire S. (See Hoy, J. E., and Harris.)
- Harris, Clara F., and W. A. Tripp, Kansas City, Mo. Permanent waving device. 2,116,348; May 3.
- Harris, Clara F., and W. A. Tripp, Kansas City, Mo. Hair waving device. 2,116,349; May 3.
- Harris, Clarence E., Winthrop, Mass. Work holder. 2,125,919; Aug. 9.
- Harris, Constance, Providence, R. I. Ear ornament. 2,107,938; Feb. 8.
- Harris, Earl A., assignor to Hydroraulic, Inc., East Orange, N. J. Door operating device. 2,120,495; June 14.
- Harris, Edmund S., Needham, Mass. Base or support for dolls or the like. 2,139,822; Dec. 13.
- Harris, Edward H., assignor to Wheeler Insulated Wire Company, Bridgeport, Conn. Enameling machine. Re. 20,712; May 3.
- Harris, Edward R., Los Angeles, Calif. Sound recording mechanism. 2,110,223; Mar. 8.
- Harris, Floyd M., Merchantville, N. J. Automobile lighting system. 2,131,888; Oct. 4.
- Harris, George M., Chicago, Ill. Bedstead. 2,105,785; Jan. 18.
- Harris, Gordon D., Stamford, Conn., assignor, by mesne assignments, to Wurton Machine Company, Philadelphia, Pa. Continuous treatment of materials. 2,104,036; Jan. 4.
- Harris, Gordon D., Freeport, assignor to The Harris Air-Conditioner Corporation, New York, N. Y. Air-conditioning apparatus. 2,110,268; Mar. 8.
- Harris, Guy H., Attleboro, Mass. Fuel regulator. 2,141,436; Dec. 27.
- Harris, Henrietta. (See Harris, Robert A. and H.)
- Harris, Henry H., Boston, Mass. Metal surface. 2,105,352; Jan. 11.
- Harris, Henry H., Champaign, Ill. Radiant heating tube. 2,115,769; May 3.
- Harris, James C., Jr., and G. Sutherland, Baltimore, Md. Process of and apparatus for polymerizing oils. 2,118,728; May 24.
- Harris, James D., Waban, Mass. Repair link. 2,129,351; Sept. 6.
- Harris, John M., Jr., and N. F. Black, Baton Rouge, La., assignors to Standard Oil Development Company. Neutralization of acid treated oil. 2,106,976; Feb. 1.
- Harris, John P., Wilmette, Ill., and W. A. Welch, Tyrone, Pa., assignors, by mesne assignments, to West Virginia Pulp & Paper Company, New York, N. Y. Rendering fat. 2,105,478; Jan. 18.
- Harris, Joseph W., Washington, D. C. Sheet paper holder for typewriters. 2,125,299; Aug. 2.
- Harris, Julian W., Tulsa, Okla. Electric cable winding and reeling device. 2,112,776; Mar. 29.
- Harris, Leonard B. (See Berman, P., and Harris.)
- Harris, Melvin J. (See Jacobson, W. J., and Harris.)
- Harris, Morris, Los Angeles, Calif. Fastening means for breeches. 2,116,709; May 10.
- Harris, Morton, assignor, by mesne assignments, to Theodore Swann, Birmingham, Ala. Making crystalline menthol. 2,120,131; June 7.
- Harris, Morton, Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. Amino-chlorodiphenyl derivatives. 2,126,009; Aug. 9.
- Harris, Moses H., New York, N. Y. Spectacle frame. 2,108,667; Feb. 15.
- Harris, Norman L., and J. W. Ryde, Middlesex, England, assignors to General Electric Company. Quartz seal. 2,113,984; Apr. 12.
- Harris, Ralph W., Pequannock, N. J. Package and package implement. 2,117,162; May 10.
- Harris, Reed S., San Francisco, Calif., assignor to Oswego Falls Corporation, Fulton, N. Y. Container lifter. 2,136,297; Nov. 8.
- Harris, Robert A. and H., St. Louis, Mo. Garment. 2,115,974; May 3.
- Harris, Roy T., assignor of one-half to R. D. Rownd, Syracuse, N. Y. Cooking basket. 2,138,967; Dec. 6.
- Harris, Sadie A., Warren, Ohio. Drying form. 2,120,748; June 14.
- Harris, Sam, assignor to E. S. Kraus, Chicago, Ill. Mat-tress. 2,116,171; May 3.
- Harris-Seybold-Potter Company. (See Harrold, Charles W., assignor.)
- Harris-Seybold-Potter Company. (See Harrold, C. W., and Horton, assignors.)
- Harris-Seybold-Potter Company. (See Kaddeland, Christen R., assignor.)
- Harris-Seybold-Potter Company. (See Lehman, John R., assignor.)
- Harris-Seybold-Potter Company. (See Valiquette, William L., assignor.)
- Harris-Seybold-Potter Company. (See Wood, James R., assignor.)
- Harris, Sidney E. (See Christiansen, W. G., and Harris.)
- Harris Textile Machinery Corporation. (See Harris, Thomas, assignor.)
- Harris, Thomas, Providence, R. I., assignor to Harris Textile Machinery Corporation. Flier. 2,138,857; Dec. 6.
- Harris, Thomas, Providence, R. I., assignor to Harris Textile Machinery Corporation. Pressure mechanism for drafting apparatus. 2,139,016; Dec. 6.
- Harris, Vernon J., Cleveland, Ohio, assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Indicating means. 2,142,027; Dec. 27.
- Harris, Walter. (See Gerrard, W., and Harris.)
- Harris, Walter B., Bayside, Long Island City, N. Y. Oil gas generating process. 2,119,432; May 31.
- Harris, William, Jr., Paterson, N. J. Ribbon pack. 2,124,063; July 19.
- Harris, William, Jr., Paterson, N. J. Ribbon pack. 2,124,064; July 19.
- Harris, William A., Oreland, Pa., assignor to The Texas Company, New York, N. Y. Manufacturing roofing elements. 2,104,384; Jan. 4.
- Harris, William A., Nutley, N. J., assignor to Radio Corporation of America. Frequency converter. 2,122,283; June 28.
- Harris, William D., assignor to Refinoll Manufacturing Corporation, Kansas City, Mo. Filter fabric for a plate and frame filter press for re-refining used oils. 2,123,042; July 5.
- Harris, William E., assignor of one-half to J. D. Powell, Cincinnati, Ohio. Apparatus for obtaining linear measurements. 2,123,360; July 12.
- Harris, William P., Romford, England. Ticket canceling machine. 2,110,797; Mar. 8.
- Harrison, Archibald A., and S. H. Oakeshott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Printing inks. 2,132,468; Oct. 11.
- Harrison, Charles F. R., Selley Oak, Birmingham, and A. E. Wallis, Clydach, England, assignors to The International Nickel Company Inc., New York, N. Y. Manufacture of nickel carbonyl. 2,105,037; Jan. 11.
- Harrison, Charles F. R., A. M. Clark, and C. I. Hilton, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Manufacture of sulphuric acid by the contact process. 2,135,298; Nov. 8.
- Harrison, Clifford E., assignor to American Engineering Company, Philadelphia, Pa. Retort structure. 2,115,554; Apr. 26.
- Harrison, Clifford E., assignor to American Engineering Company, Philadelphia, Pa. Stoker. 2,140,317; Dec. 13.
- Harrison, Edwin S., deceased, Clayton, Mo.; M. J. Harrison, administratrix C. T. A. Brake system. 2,135,003; Nov. 1.
- Harrison, Ernest L., Portsmouth, Ohio. Automatic rat trap. 2,138,142; Aug. 27.
- Harrison, George O. (See Parsons, J. S., and Harrison.)
- Harrison, George O. Wilkesburg, assignor to West-mechouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network distribution system. 2,121,594; June 21.
- Harrison, George O. Wilkesburg, assignor to West-mechouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network distribution system. 2,121,595; June 21.
- Harrison, Hartman K., Baltimore, Md. Garment attachment. 2,118,196; May 21.



- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing system. 2,105,916; Jan. 18.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical cable. 2,115,143; Apr. 26.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph reproducer. 2,133,815; Oct. 18.
- Harrison, Henry C., Port Washington, N. Y., and T. J. Pope, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Facsimile telegraph system. 2,141,388; Dec. 27.
- Harrison, John F., Marion, Ohio. Garment hanger. 2,108,757; Feb. 15.
- Harrison, John F., and H. B. Crum, Marion, Ohio. Road working device. 2,130,274; Sept. 13.
- Harrison, John K. M., Ogontz, Pa. Paper and analogous material container. 2,106,738; Feb. 1.
- Harrison, John K. M., Ogontz, Pa. Container bottom and top applying and sealing machine. 2,106,739; Feb. 1.
- Harrison, John K. M., Ogontz, Pa. Applicator means for paper tube winders. 2,132,239; Oct. 4.
- Harrison, Leander H., New York, N. Y., assignor, by mesne assignments, to Atlas Powder Company, Wilmington, Del. Print roll composition. 2,121,126; June 21.
- Harrison, Laurence D., Phoenix, Ariz. Air compressor. 2,122,398; July 5.
- Harrison, Laurence D., Phoenix, Ariz. Two-cycle combustion engine. 2,139,266; Dec. 6.
- Harrison, Laurence S., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Clock system. 2,110,861; Mar. 15.
- Harrison, Laurence S., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Relay. 2,113,617; Apr. 12.
- Harrison, Laurence S., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Recorder. 2,129,762; Sept. 13.
- Harrison, Margaret J., administratrix C. T. A.) See Harrison, Edwin S.)
- Harrison, Marion M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Lining Hollow containers. 2,113,728; Apr. 12.
- Harrison, Meyer S., et al. (See Drexler, Samuel, assignor.)
- Harrison, Paul E., Dover, N. H. Making tire cord. 2,125,633; Aug. 2.
- Harrison, Reginald. (See Burden, W. M., Geners, and Harrison.)
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control valve. 2,106,300; Jan. 25.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control instrument. 2,112,091; Mar. 22.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Switch mechanism. 2,112,092; Mar. 22.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Integrator mechanism for measuring instruments. 2,121,082; June 21.
- Harrison, Thomas R., Wyncote, and F. W. Side, assignors to The Brown Instrument Company, Philadelphia, Pa. Fluid pressure control apparatus. 2,117,800; May 17.
- Harrison, Thomas R., Wyncote, E. H. Grauel, Conshohocken, and J. E. Kessler, assignors to The Brown Instrument Company, Philadelphia, Pa. Slide wire resistance. 2,122,370; June 28.
- Harrison, Thomas R., Wyncote, and F. W. Side, Philadelphia, assignors to The Brown Instrument Company, Philadelphia, Pa. Pneumatic control apparatus. 2,124,946; July 26.
- Harrison, Thomas R., Wyncote, and F. W. Side, assignors to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,125,109; July 26.
- Harrison, Thomas R., Wyncote, E. H. Grauel, Perkasia, and J. E. Kessler, Gettysburg, assignors to The Brown Instrument Company, Philadelphia, Pa. Improvement in measuring instrument. 2,132,617; Oct. 11.
- Harrold, Charles W., University Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet-feeder. Re. 20,862; Sept. 20.
- Harrold, Charles W., University Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Drive for multicolor presses. 2,115,957; May 3.
- Harrold, Charles W., Shaker Heights, and C. G. Horton, Bedford, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 2,121,195; June 21.
- Harrold, Charles W., Shaker Heights, and C. G. Horton, Bedford, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Inking mechanism. 2,128,360; Aug. 30.
- Harround, Robert L., Miami, Fla. Insect poison container. 2,123,995; July 19.
- Harry, Edward R., Sonora, Calif. Attachment for line-man's grip. 2,140,837; Dec. 20.
- Harry, Geoffrey M., assignor to Harnischfeger Corporation, Milwaukee, Wis. Container treating machine. 2,141,470; Dec. 27.
- Harry, Gordon W. (See Babitch, A. M., and Harry.)
- Harschnek, Robert A., assignor to Industrial Patents Corporation, Chicago, Ill. Tying device. 2,140,156; Dec. 13.
- Harsh, Robinson H., Washington, D. C. Leveler. 2,134,444; Oct. 25.
- Harshaw Chemical Company, The. (See Burchfield, Paul E., assignor.)
- Harshaw Chemical Company, The. (See Harshaw, William J., assignor.)
- Harshaw Chemical Company, The. (See Harshaw, W. J., and Long, assignors.)
- Harshaw Chemical Company, The. (See Swinehart, Carl F., assignor.)
- Harshaw, William J., Shaker Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Electrodeposition anode. 2,116,929; May 10.
- Harshaw, William J., Shaker Heights, and K. E. Long, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Electrodeposition of metals. 2,125,229; July 26.
- Harshberger, Fred A., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for two-temperature refrigerators. 2,133,957; Oct. 25.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Roofing and siding material. 2,112,194; Mar. 22.
- Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Roofing and siding elements. 2,133,988; Oct. 25.
- Harshberger, Norman P., Scarsdale, and S. A. Ochs, assignors to Bakelite Building Products Co., Inc., New York, N. Y. Making building elements and the like. 2,131,043; Sept. 27.
- Harshberger, Norman P., Scarsdale, and S. A. Ochs, assignors to Bakelite Building Products Co., New York, N. Y. Making building material. 2,131,044; Sept. 27.
- Harshberger, Russell P., Pasadena, Calif. Ashtray and extinguisher. 2,116,659; May 10.
- Harstad, Ole. (See Ledger, W., and Borden, assignors.)
- Hart, Arthur E., Cleveland, Ohio. Photographing apparatus. 2,140,050; Dec. 13.
- Hart, Arthur E., Cleveland, Ohio. Camera support. 2,140,051; Dec. 13.
- Hart, Aubrey F., New York, N. Y. Sign. 2,132,899; Oct. 11.
- Hart-Carter Company. (See Johnson, Leonard, assignor.)
- Hart-Carter Company. (See Johnson, L., and Rieman, assignors.)
- Hart & Cooley Manufacturing Company. (See Heasley, Loyd E., assignor.)
- Hart & Cooley Mfg. Co. (See Van Alsburg, Jerold H., assignor.)
- Hart, Frank W., Buffalo, and B. T. McGary, Tonawanda, assignors to Remington Rand Inc., Buffalo, N. Y. Making folders. 2,138,788; Nov. 29.
- Hart, Fred V., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing the bottoms of shoes. 2,123,281; July 12.
- Hart, Frederick A., Fallbrook, Calif., assignor to Remington Rand Inc., New York, N. Y. Typewriting and like machine. 2,123,280; July 12.
- Hart, Frederick H. M., Poughkeepsie, and C. Ehret, White Plains, assignors to International Business Machines Corp., New York, N. Y. Perforating machine. 2,110,862; Mar. 15.
- Hart, George H., West Hartford, Conn. Electric switch. 2,109,725; Mar. 1.
- Hart, George H., West Hartford, assignor to The Hart Manufacturing Company, Hartford, Conn. System of control for electric ranges. 2,116,787; May 10.
- Hart, George T., Jr., and E. E. Winkley, Lynn, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Electrical drying. 2,112,418; Mar. 29.
- Hart, Guy A., Salt Lake City, Utah. Traversograph. 2,136,944; Nov. 15.
- Hart, H. M., assignor of one-fourth to R. Huwe, one-fourth to E. A. Vogle, and one-fourth to F. W. Stutz, Cincinnati, Ohio. Permanent wave apparatus. 2,123,585; July 12.
- Hart, Harold W., Los Angeles, Calif. Gas heater. 2,130,086; Sept. 13.
- Hart, Leonard L., Northmead, New South Wales, Australia. Agricultural rotor. 2,140,871; Dec. 20.
- Hart Manufacturing Company, The. (See Hart, George H., assignor.)
- Hart, Parker, Rye, N. Y., and R. W. Hart, Jr., Cambridge, Mass. Laundry net. 2,132,734; Oct. 11.
- Hart, Peter F., assignor of twenty per cent to M. Teller, Hibbing, Minn. Regulator adjusting mechanism. 2,129,763; Sept. 13.
- Hart, Richard H., New Orleans, La. Parachute apparatus. 2,117,319; May 17.
- Hart, Richard H., New Orleans, La. Parachute. 2,120,177; June 7.
- Hart, Robert W., Jr. (See Hart, Parker and R. W., Jr.)
- Hart, Roland W., Baltimore, Md., assignor of one-third to E. P. Ferguson, Philadelphia, Pa. Antiskid device for shoes. 2,118,778; May 24.
- Hart, Stanley, Kensington, assignor to Tuttle & Bailey, Inc., New Britain, Conn. Remote control for ventilating devices. 2,136,652; Nov. 15.
- Hart, Stanley, Kensington, assignor to Tuttle & Bailey, Inc., New Britain, Conn. Air deflecting device. 2,140,935; Dec. 20.



- Hart, Wilber, Midwest, Wyo. Ligator. 2,131,321; Sept. 27.
- Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Rotary surface broaching machine. 2,123,777; July 12.
- Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Broaching machine. 2,126,110; Aug. 9.
- Hart, William A., assignor to Colonial Brooch Company, Detroit, Mich. Cooling tools and removing chips. 2,140,838; Dec. 20.
- Harter, Isaac. (See Cassidy, P. R., Harter, and Kerr.)
- Harter, Isaac, New York, N. Y., assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Making round billets. 2,114,302; Apr. 19.
- Harter, Isaac, New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Press. 2,142,052; Dec. 27.
- Harter, Noah S., Waukegan, Ill., assignor to Cyclone Fence Company. Shuttle bar actuating mechanism. 2,108,375; Feb. 15.
- Hartford-Empire Company. (See Amsler, Walter O., assignor.)
- Hartford-Empire Company. (See Bates, Lloyd G., assignor.)
- Hartford-Empire Company. (See Canfield, Robert W., assignor.)
- Hartford-Empire Company. (See Canfield, R. W., and Waugh, assignors.)
- Hartford-Empire Company. (See Honiss, William T., assignor.)
- Hartford-Empire Company. (See Howard, George E., assignor.)
- Hartford-Empire Company. (See Merrill, Donald G., assignor.)
- Hartford-Empire Company. (See Morton, William A., assignor.)
- Hartford-Empire Company. (See Mulholland, Vergil, assignor.)
- Hartford-Empire Company. (See O'Neill, Frank, assignor.)
- Hartford-Empire Company. (See Peiler, Karl E., assignor.)
- Hartford-Empire Company. (See Peiler, K. E., and Barker, assignors.)
- Hartford-Empire Company. (See Rowe, George E., assignor.)
- Hartford-Empire Company. (See Wadman, Harold A., assignor.)
- Hartford-Empire Company. (See Willetts, Paul G., assignor.)
- Harth, John H., Mendota, Ill. Farm implement disk sharpener. 2,126,632; Aug. 9.
- Hartigan, Arthur W. (See Hutchins, G. H., and Hartigan.)
- Hartke, Walter H., Baltimore, Md. Automatic train and vehicle services coupler. 2,126,882; Aug. 16.
- Hartley, George C. (See Wright, E. P. G. and Hartley.)
- Hartley, George C. (See Wright, E. P. G., Hartley, and Wyndham.)
- Hartley, Henry J., Hastings-on-Hudson, assignor to Nichols Engineering & Research Corporation, New York, N. Y. Incineration. 2,125,720; Aug. 2.
- Hartley, Henry J., Hastings on Hudson, N. Y., and D. Baird, Berkeley, Calif., assignors to Nichols Engineering & Research Corporation, New York, N. Y. Process and apparatus for drying and burning moist materials. 2,121,661; June 21.
- Hartley, Henry J., Hastings on Hudson, N. Y., and D. Baird, Berkeley, Calif., assignors to Nichols Engineering & Research Corporation, New York, N. Y. Incineration of sewage sludge and other waste materials. 2,121,662; June 21.
- Hartley, Henry J., Hastings-on-Hudson, N. Y., and P. Schroeder, San Francisco, Calif., assignors to Nichols Engineering & Research Corporation, New York, N. Y. Furnace and recuperator structure. 2,125,721; Aug. 2.
- Hartley, Herbert R., Chicago, Ill. Corn pad. 2,120,465; June 14.
- Hartley, Lowell J. (See Schwartz, R. D., Moc, and Hartley.)
- Hartley, Myron L. (See Epstein, A. K., and Hartley.)
- Hartley, Myron L. (See Epstein, A. K., Reynolds, and Hartley.)
- Hartley, Reuben K., Hamilton, Mo. Wind wheel. 2,139,954; Dec. 13.
- Hartman, August, and J. Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation, New York, N. Y. Artificial silk hosiery. 2,123,675; July 12.
- Hartman, Clarence P. (See Hartman, Ira D., and C. P.)
- Hartman, Frank W., Detroit, Mich. Refrigerating apparatus. 2,104,580; Jan. 4.
- Hartman, Hermanus, Roermond, assignor to Naamloze Vennootschap Industriële Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Process and apparatus for producing percompounds. 2,105,438; Jan. 11.
- Hartman, Ira D. and C. P., Stony Creek Mills, Pa. Clotheshine prop. 2,120,662; June 14.
- Hartman, Joseph, Pittsburgh, Pa., and W. A. Knapp, Monroe, La., assignors to Imperial Oil & Gas Products Company, Pittsburgh, Pa. Treating carbon black. 2,121,633; June 21.
- Hartman, Joseph A., Grand Rapids, Mich. Wastebasket. 2,135,813; Nov. 8.
- Hartman, Leon. (See Lawrence, J. T., and Hartman.)
- Hartman, Louis R., assignor to Victor Fireworks and Specialty Co., Elkton, Md. Blow-out imitator and packaging the same. 2,112,488; Mar. 29.
- Hartman, Thomas L., assignor of one-third to H. M. Young, one-third to E. J. W. Keagy, and one-third to Reymier & Brothers, Inc., Pittsburgh, Pa. Method of and apparatus for preparing beverages. 2,134,787; Nov. 1.
- Hartman, William W., Los Angeles, Calif. Bread slicer feed. 2,106,949; Feb. 1.
- Hartman, William W., Los Angeles, Calif. Blade sharpening machine. 2,118,197; May 24.
- Hartmann, August, and J. Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation. Drying artificial filaments. 2,129,273; Sept. 6.
- Hartmann, August, and J. Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation. Treating artificial filaments and apparatus therefor. 2,129,274; Sept. 6.
- Hartmann, Carl A., assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Damping acoustic apparatus. 2,110,908; Mar. 15.
- Hartmann, Edmund, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Polishing machine. 2,115,461; Apr. 26.
- Hartmann, Fritz, Dortmund, Germany. High temperature thermocouple. 2,137,280; Nov. 22.
- Hartmann, Henry M., assignor to Hartmann, Inc., Garfield, N. J. Securing decorative effects on leather or similar goods. 2,122,251; June 28.
- Hartmann, Inc. (See Hartmann, Henry M., assignor.)
- Hartmann, Max, and L. Panizzon, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. (Mercuric n-propyl) pyridyl carboxylamides. 2,136,501; Nov. 15.
- Hartmann, Max, Riehen, and H. Ensslin, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Pyridine-ortho-dicarboxylic acid diamines. 2,136,502; Nov. 15.
- Hartmann, Max, and L. Panizzon, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. N-substituted pyridine carboxyl amide mercuric compound. 2,136,503; Nov. 15.
- Hartmann Trunk Company. (See Bracken, Wallace H., assignor.)
- Hartmann Trunk Company. (See Ritter, Julius, Jr., assignor.)
- Hartmann Trunk Company. (See Ritter, J., Jr., and Essmus, assignors.)
- Hartmann, Walter W., Los Angeles, Calif. Window. 2,120,359; June 14.
- Hartnack, John C., assignor to Rubbercraft Corporation of California, Ltd., Los Angeles, Calif. Plug. 2,107,939; Feb. 8.
- Hartner, Hans A., Oslo, Norway. Screw press. 2,119,162; May 31.
- Hartog, Stephen D., Normandy Township, St. Louis County, Mo. Container valve. 2,113,838; Apr. 12.
- Hartog, Stephen D., Normandy Township, Mo. Container valve. 2,121,231; June 21.
- Hartog, Stephen D., Normandy Township, Mo. Container valve. 2,121,232; June 21.
- Hartog, Stephen D., Normandy, Mo. Container valve. 2,121,913; June 28.
- Hartog, Stephen D., Normandy, Mo., assignor to William J. Peters. Short-circuiting device for electric motors. 2,130,883; Sept. 20.
- Hartson, William H. (See Le Blanc, Victor A., assignor.)
- Hartstoff-Metall A. G. Hametag. (See Kramer, Erwin, assignor.)
- Hartung, Walter. (See Wunsch, G., and Hartung.)
- Hartung, Walter H. (See Cope, A. C., Hartung, and Crossley.)
- Hartwell, Arthur F. (See Hartwell, Benjamin F., L. L., Jr., and A. F.)
- Hartwell, Benjamin F., L. L., Jr., and A. F., Bellows Falls, Vt. Molded counter and unmolded quarter for boots and shoes, and making same. 2,119,274; May 31.
- Hartwell, Leslie L., Jr. (See Hartwell, Benjamin F., L. L., Jr., and A. F.)
- Hartwick, Otto J., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company. Resin film for coating barrels and similar articles. 2,111,395; Mar. 15.
- Harty, Edgar A. (See Cheeseman, R. T., and Harty.)
- Harty, Edgar A., Marblehead, Mass., assignor to General Electric Company. Protection means for fan cooled rectifier and the like. 2,112,003; Mar. 22.
- Harty, Edgar A., Marblehead, Mass., assignor to General Electric Company. Manufacturing contact rectifiers. 2,117,164; May 10.
- Harty, Edgar A., Marblehead, Mass., assignor to General Electric Company. Electric cut-out. 2,118,645; May 24.
- Harty, Edgar A., Marblehead, Mass., assignor to General Electric Company. Protective means for fan cooled rectifiers and the like. 2,123,110; July 26.
- Harty, Edgar A., assignor to General Electric Company. Marblehead, Mass. Copper oxide rectifying element. 2,133,745; Oct. 18.



- Harty, William P., assignor to The O'Sullivan Rubber Co., Inc., Winchester, Va. Shoe heel member. 2,135,335; Nov. 1.
- Hartz, John J. (See Smith, C. H., Moorhouse, and Hartz.)
- Hartz, William, Detroit, Mich. Automatic variable speed transmission. 2,139,892; Dec. 13.
- Hartzell, Albert, F. Wilcoxon and W. J. Youden, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Fumigation. 2,129,275; Sept. 6.
- Hartzell, Dwight W., Dixon, assignor to Industrial Patents Corporation, Chicago, Ill. Larding needle. 2,124,700; July 26.
- Hartzell, Oliver R., San Rafael, Calif. Display board. 2,115,718; May 3.
- Hartzell, Oliver R., San Rafael, Calif. Indicator device. 2,115,770; May 3.
- Harvel Corporation. (See Harvey, M. T. and Damitz, assignors.)
- Harvey, Allen M., Olean, N. Y. Forming porous bodies. 2,127,867; Aug. 23.
- Harvey, Bruce J., Des Moines, Iowa. Metallic clothespin or the like. 2,116,238; May 3.
- Harvey, Carl L. (See Frayer, L. A., and Harvey.)
- Harvey, Edgar T. (See Harvey, Isaac F. and E. T.)
- Harvey, Frank, Cincinnati, Ohio, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Power distribution. 2,117,480; May 17.
- Harvey, Harold C., assignor to Harvey Paper Products Company, Sturgis, Mich. Dispensing receptacle. 2,112,959; Apr. 5.
- Harvey, Harold C., assignor to Harvey Paper Products Company, Sturgis, Mich. Dispensing receptacle and package. 2,112,960; Apr. 5.
- Harvey, Herbert, Los Angeles, Calif., assignor, by mesne assignments, to The Gerrard Company, Incorporated, Chicago, Ill. Tying machine. 2,134,186; Oct. 25.
- Harvey, Herbert, Los Angeles, Calif., assignor, by mesne assignments, to The Gerrard Company, Incorporated, Chicago, Ill. Tying machine. 2,134,187; Oct. 25.
- Harvey, Holman, New York, N. Y. Article of food. 2,116,310; May 3.
- Harvey, Isaac F., Menston-in-Wharfedale, and E. T. Harvey, Bradford, England. Weaving pile fabric. 2,120,895; June 14.
- Harvey, Jacquelin E., Jr., Hapeville, Ga. Producing a solvent. 2,128,609; Aug. 30.
- Harvey, Jacquelin E., Jr., Hapeville, assignor of one-half to Southern Wood Preserving Company, Atlanta, Ga. Wood preservative. 2,113,589; Apr. 12.
- Harvey, Jacquelin E., Jr., R. H. White, Jr., and J. J. White, assignors of one-half to Southern Wood Preserving Company, and one-half to J. E. Harvey, Jr., Atlanta, Ga. Producing wood preservative. 2,125,918; Aug. 9.
- Harvey, James W., Lakeville, Conn. Fish lure. 2,134,401; Oct. 25.
- Harvey, James W., Winthrop, Me., assignor to R. S. Allyn, New York, N. Y. Child's crib, etc. 2,119,387; May 31.
- Harvey, Leo M., Los Angeles, Calif. Towel dispensing device. 2,107,790; Feb. 8.
- Harvey, Leo M., Los Angeles, Calif. Towel cabinet. 2,121,346; June 21.
- Harvey, Leo M., Los Angeles, Calif. Towel dispenser. 2,137,488; Nov. 22.
- Harvey, Leo M., Los Angeles, Calif. Paper towel dispensing device. 2,137,489; Nov. 22.
- Harvey, Leo M., Los Angeles, Calif. Paper dispensing device. 2,137,490; Nov. 22.
- Harvey, Leo M., Los Angeles, Calif., assignor to The Gerrard Company, Incorporated, Chicago, Ill. Die for forming ties for box straps. 2,114,531; Apr. 19.
- Harvey, Leonard L., et al. (See Whitetree, Alva E., assignor.)
- Harvey, Mortimer T., East Orange, and F. M. Damitz, Irvington, N. J., assignors, by mesne assignments, to The Harvel Corporation. Treating cashew nut shell liquid. 2,128,247; Aug. 30.
- Harvey, Olin E., assignor to United Steel and Wire Company, Battle Creek, Mich. Metal shelf for refrigerators, ovens, and the like. 2,110,726; Mar. 8.
- Harvey Paper Products Company. (See Harvey, Harold C., assignor.)
- Harvey, Ted M., London, England. Apparatus for stereoscopic cinematography. 2,135,049; Nov. 1.
- Harvey, William D., and L. C. Marshall; said Marshall assignor to J. D. Woods, Nocona, Tex. Rod line pick-up tool. 2,133,893; Oct. 18.
- Harwell, Wilbur F., Charlotte, N. C. Knife. 2,134,973; Nov. 1.
- Harwood, Asa J., Richmond, Ind., assignor to The Atlas Underwear Company, Piqua, Ohio. Garment. 2,112,893; Apr. 5.
- Harwood, Channing E., assignor to The Russell Manufacturing Company, Middletown, Conn. Friction clutch. 2,135,126; Nov. 1.
- Harwood, Charles, Jr., Rye, N. Y. Convertible railway vehicle. 2,141,864; Dec. 27.
- Harwood, Geo. S., & Son. (See Walsh, Patrick H., assignor.)
- Harwood, James, assignor to Armour and Company, Chicago, Ill. Preparing high molecular weight primary amines. 2,122,644; July 5.
- Harydczak, Joseph, Brooklyn, N. Y. Shoe last. 2,107,250; Feb. 1.
- Harz, Walter. (See Schieber, W., and Harz.)
- Harz, Walter, Dormagen-on-the-Rhine, and W. Schieber, Berlin, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of threads, bands, films, and the like. 2,129,213; Sept. 6.
- Hasbrouck, Frank F., Peoria, assignor to Allied Mills, Inc., Chicago, Ill. Producing soy bean flakes. 2,130,087; Sept. 13.
- Hasbrouck, Harold J., Jr., Merchantville, N. J., assignor to United Research Corporation, Burbank, Calif. Film motion filter. 2,112,894; Apr. 5.
- Hásek, Jaroslav, Prague, Czechoslovakia. Firearm. 2,117,885; May 17.
- Hásek, Jaroslav, Prague, Czechoslovakia. Breech packing for firearms. 2,134,476; Oct. 25.
- Hásek, Jaroslav, assignor to firm Limited Company formerly the Skoda Works, Prague, Czechoslovakia. Gun breech. 2,113,209; Apr. 5.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,108,224; Feb. 15.
- Haseltine, William E., et al. (See Reed, Roy E., assignor.)
- Haselton, Fern D., Newark, N. J. Drafting apparatus. 2,109,065; Feb. 22.
- Haselton, Merton L., Rye, assignor, by mesne assignments, to The Teleregister Corporation, New York, N. Y. Electrical indicating means. 2,117,661; May 17.
- Haselton, Merton L., Rye, assignor, by mesne assignments, to The Teleregister Corporation, New York, N. Y. Code translator. 2,139,079; Dec. 6.
- Hasenburger, Henry. (See Corbett, H. W., and Hasenburger.)
- Hasenfuss, William, Amsterdam, N. Y. Riot lock. 2,104,618; Jan. 4.
- Hashek, John A., assignor to J. Blood, Toronto, Ontario, Canada. Cooking vessel. 2,139,267; Dec. 6.
- Haskell, Robert R., Swampscott, Mass., and H. J. Morton, Batavia, assignors to Ditto, Incorporated, Chicago, Ill. Assembling and laying master sheets for duplication. 2,109,066; Feb. 22.
- Haskell, Robert K., Berkeley, Calif. Transmission. 2,126,772; Aug. 16.
- Haskell, Roy A. (See Balke, C. W., Hunter, and Haskell.)
- Haskin, Walter E., Flushing, assignor to Pressed & Welded Steel Products Company, Inc., New York, N. Y. Book rack. 2,112,094; Mar. 22.
- Haskin, Walter E., New York, assignor to Pressed & Welded Steel Products Company, Inc., Long Island City, N. Y. Loose leaf shift binder. 2,134,122; Oct. 25.
- Haskins, Butler J., assignor to Joseph Weidenhoff Inc., Chicago, Ill. Device for feeding fluid to the motor portions of internal combustion engines. 2,136,079; Nov. 8.
- Haskins, Joseph F., administrator. (See Ellsworth, Deane C.)
- Haskins, Joseph F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aminocellulose derivatives. 2,136,299; Nov. 8.
- Haskins, Joseph F., and R. W. Maxwell, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivatives. 2,131,733; Oct. 4.
- Haslam, Donald E., Skellytown, Tex. Outdoor weather-proof marker. 2,127,170; Aug. 16.
- Haslam, George S., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Rubber compounding. 2,127,560; Aug. 23.
- Haslam, Robert T., Westfield, N. J., assignor to Standard-I. G. Company. Hydroformed solvent composition. 2,129,735; Sept. 13.
- Haslauer, Adolf, East Orange, N. J., assignor to Superior Tube Company, Philadelphia, Pa. Thermionic valve electrode construction. 2,116,788; May 10.
- Haslauer, Adolf, East Orange, N. J., assignor to Superior Tube Company, Philadelphia, Pa. Tube forming machine. 2,116,971; May 10.
- Hasler A.-G. Werke für Telefonie & Präzisionsmechanik. (See Ochsenbein, Walter, assignor.)
- Haslun, Joseph, Yonkers, N. Y. Fireworks. 2,128,586; Aug. 30.
- Haspel Brothers, Inc. (See Haspel, Joseph, assignor.)
- Haspel, Joseph, assignor to Haspel Brothers, Inc., New Orleans, La. Coat and method of manufacture. 2,117,163; May 10.
- Hass, Henry B., and E. T. McBee, assignors to Purdue Research Foundation, West Lafayette, Ind. Chlorination process. 2,105,733; Jan. 18.
- Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Nitroalcohols. 2,132,352; Oct. 4.
- Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Nitroalcohol. 2,132,353; Oct. 4.
- Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Production of nitrohydroxy compounds. 2,139,120; Dec. 6.
- Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Aliphatic nitroalcohols. 2,139,121; Dec. 6.



- Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Aliphatic aminoalcohols. 2,139,122; Dec. 6.
- Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Aminoalcohol. 2,139,123; Dec. 6.
- Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Aminoalcohols. 2,139,124; Dec. 6.
- Hass, Verne, Heverle-Louvain, Belgium. Heat treatment of milk. 2,140,011; Dec. 13.
- Hasse, Dora H., Cleveland, Ohio. Mop. 2,122,743; July 5.
- Hasselbach, Alexander, assignor to G. Polysius, Aktien-gesellschaft, Dessau, Germany. Process and apparatus for the production of metallic iron in the rotary tube kiln. 2,112,566; Mar. 29.
- Hasselkus, John W., and G. A. Richmond, Clapham, London, England. Objective suitable for photographic purposes. 2,116,264; May 3.
- Hasselmann, Karl F., New York, N. Y., assignor, by mesne assignments, to The Salt Dome Oil Corporation, Houston, Tex. Apparatus for making geophysical measurements. 2,117,003; May 10.
- Hasselstrom, Torsten, New York, N. Y., assignor to G. & A. Laboratories, Savannah, Ga. Detergent and wetting agent and producing the same. 2,121,032; June 21.
- Hasselstrom, Torsten, New York, N. Y., assignor to G. & A. Laboratories, Savannah, Ga. Improved detergent and wetting agent and producing the same. 2,121,033; June 21.
- Hassenfeld, Henry J., Providence, R. I. Container for pencils and the like. 2,129,175; Sept. 6.
- Hassenfeld, Jack, Providence, R. I. Receptacle. 2,141,952; Dec. 27.
- Hassett, Mary, Woonsocket, S. Dak. Typewriter stand. 2,140,674; Dec. 20.
- Hassler, Willard O., Kent, Ohio. Detachable connector. 2,136,848; Nov. 15.
- Hastie, John & Company Limited. (See Riddell, William G., assignor.)
- Hastings, Arthur C., Jr., South Yarmouth, Mass. Spark plug. 2,122,571; July 5.
- Hastings, Charles M. (See Keller, F., and Hastings.)
- Hastings, George S., Brooklyn, and C. Arelt, Richmond Hill, assignors to American Machine & Foundry Company. Tipper construction for cigarette machines. 2,130,683; Sept. 20.
- Hastings, Herbert, Brighton, and G. E. Ford, assignors to Rochester Manufacturing Co., Inc., Rochester, N. Y. Gauge construction. 2,123,532; July 12.
- Hastings Manufacturing Company. (See Phillips, Harold P., assignor.)
- Hastings & McIntosh Truss Company. (See Foster, Richard M., assignor.)
- Hastings, William E., Jetmore, Kans. Screened shelter. 2,120,861; June 14.
- Hasuo, Masaichi, Toyono-gun, Osaka-fu, assignor to Nippon Kanagu Kabushiki Kwaisha, Osaka, Japan. Safety apparatus of a door closer. 2,119,625; June 7.
- Hat Corporation of America. (See Cavanagh, John, assignor.)
- Hat Corporation of America. (See Radford, George S., assignor.)
- Hat Corporation of America. (See Smith, John C., assignor.)
- Hat Corporation of America. (See Tibbals, Nathan V., assignor.)
- Hatch, Arthur R. C. (See Dickson, J. B., and Hatch.)
- Hatch, John A., Penn-Yan, N. Y., and M. E. Daniels and R. E. Smart, Cleveland, Ohio; said Daniels and said Smart assignors to said Hatch. Poultry crate. 2,109,902; Mar. 1.
- Hatcher, Ernest C., Northwood, England. Tensioning driving belts, chains, and the like. 2,112,157; Mar. 22.
- Hatcher, James L., United States Army, Winchester Va. Clutch mechanism. 2,132,418; Oct. 11.
- Hatchman, Milton B., Chicago, Ill. Fitting brake bands and linings. 2,140,580; Dec. 20.
- Hatebur, Fritz B., Basel, Switzerland. Apparatus and process for the manufacture of hollow bodies. 2,128,705; Aug. 30.
- Hateshi, Hazara S. (See Guha, Jitindra N., assignor.)
- Hatfield, C. Alexander. (See Bretschneider, Curt, assignor.)
- Hatfield, William H., assignor to Thos. Firth & John Brown Limited, Sheffield, England. Alloy steel. 2,141,389; Dec. 27.
- Hatfield Wire & Cable Company. (See Wilmot, Charles H., assignor.)
- Hathaway, Charles M., New York, N. Y. Valve gear. 2,125,160; July 26.
- Hathaway, Claude M., Schenectady, N. Y., assignor to General Electric Company. Thermostatic mechanism. 2,114,784; Apr. 12.
- Hathaway, Edgar F., Wellesley, Mass. Glare shield. 2,118,198; May 24.
- Hathaway, Edward R. (See Lundberg, E. E., Doty, and Hathaway.)
- Hathaway, Jarrett L., New York, N. Y., assignor to Radio Corporation of America. Electronically coupled regenerative amplifiers. 2,127,334; Aug. 16.
- Hathaway, Lloyd A., Scotch Plains, and H. H. Fay, Oakhurst, N. J., assignors to American Telephone and Telegraph Company. Educational device. 2,105,592; Jan. 18.
- Hatherell, George A., Roscoe, assignor to F. A. Garbutt, Los Angeles, Calif. Chewing gum base containing cyclic aromatic petroleum resins. 2,123,531; July 12.
- Hatherell, George A., Roscoe, assignor to Frank A. Garbutt, Los Angeles, Calif. Chewing gum base. 2,125,562; Aug. 2.
- Hathorn, Charles E., Kenmore, and J. W. Dunn, Buffalo, N. Y., assignors, by mesne assignments, to Curtiss-Wright Corporation. Tank construction. 2,115,165; Apr. 26.
- Hathorn, Clarence J., assignor to The Stackpole Carbon Company, St. Marys, Pa. Snap switch. 2,127,686; Aug. 23.
- Hathorn, Clarence J., assignor to The Stackpole Carbon Company, St. Marys, Pa. Snap switch. 2,131,590; Sept. 27.
- Hathorn, Clarence J., St. Marys, Pa., assignor to The Stackpole Carbon Company. Snap switch. 2,133,858; Oct. 18.
- Hathorn, Clarence J., St. Marys, Pa., assignor to The Stackpole Carbon Company. Combined volume control and switch unit. 2,141,907; Dec. 27.
- Hathorn, Clarence J., St. Marys, Pa., assignor to The Stackpole Carbon Company. Combined volume control and switch unit. 2,141,908; Dec. 27.
- Hatman, Julius G., Eldins Park, assignor to The Sharples Specialty Company, Philadelphia, Pa. Recovery of tar acids. 2,119,132; May 31.
- Hatteberg, Ole J., Elliott, Ill. Spout section. 2,138,968; Dec. 6.
- Hatters' Fur Exchange, Inc., The. (See Frenkel, Leo, assignor.)
- Hatton, Manson C., Laguna Beach, Calif. Handle for inflated balls and the like. 2,115,926; May 3.
- Hatton, William H., Gardner, Mass. Apparatus for molding pulp bodies. 2,105,593; Jan. 18.
- Hatvelt, Alfred, Missoula, Mont. Heater. 2,132,294; Oct. 4.
- Hatzinger, Hans. (See Amann, M., Lahl, and Hatzinger.)
- Haubold, Werner R. (See Neumann, F. J. G., and Haubold.)
- Haubursin, Richard. (See Goad, L. C., Haubursin, and Beekman.)
- Hauch, Henry G., assignor to Ferro Enameling Company, Oakland, Calif. Building construction. 2,129,423; Sept. 6.
- Hauck Manufacturing Company. (See Coulter, R. S., and Schumann, assignors.)
- Hauck Manufacturing Company. (See Elze, Walter C., assignor.)
- Hauck, William L., Breton Woods, Osbornville, N. J. Control equipment storage cabinet. 2,129,495; Sept. 6.
- Hauff, Thorvald W., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonium nitrate explosive. 2,125,161; July 26.
- Haug, Anton J., Nashua, N. H. Machine for use in the preparation of paper stock. 2,133,449; Oct. 18.
- Haugaard, Robert D., Toledo, Ohio. Wall edge framing structure. 2,124,775; July 26.
- Hauger, Floyd M., Chicago, assignor to Keystone Steel & Wire Company, Peoria, Ill. Cleaning metal articles. 2,120,494; June 14.
- Hauger, Floyd M., Chicago, assignor to Keystone Steel & Wire Company, Peoria, Ill. Making protected metal. 2,120,496; June 14.
- Haughey, Joshua A., Burlington, Colo. Glass cutting rule. 2,104,301; Jan. 4.
- Haught, John W., Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated article. 2,109,587; Mar. 1.
- Haught, John W., Arlington, N. J., assignor by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated article. 2,136,436; Nov. 15.
- Haught, Thomas E., Bohman, Ky. Automatic fluid strainer. 2,119,433; May 31.
- Haughton, John L., and W. E. Prytherch, Teddington, England. Magnesium alloys containing cerium and other elements. 2,121,292; June 21.
- Haughton, John L., and W. E. Prytherch, Teddington, England. Magnesium alloy. 2,126,010; Aug. 9.
- Haughton, Wilfred H., Carshalton, Beches, England. Detachable figure employable for production of animated cartoon films. 2,109,422; Feb. 22.
- Haultan, Herbert F. T., Toronto, Ontario, Canada. Classifier. 2,104,926; Jan. 11.
- Hann, Joyce C. (See Mills, L. D., Crowe, and Hann.)
- Haupt, Albertus H., Somerset West, Cape Province, Union of South Africa, assignor to Imperial Chemical Industries Limited. Method of and apparatus for forming plastic cylinders. 2,115,105; Apr. 26.
- Haupt, Harvey R., Reading, Pa. Buffer check for loom pickers. 2,111,489; Mar. 15.
- Haupt, Herbert, Mount Healthy, assignor to Lighthouse Brothers Chemical Co., Ohio. Apparatus for distributing liquid on roads. 2,126,212; Nov. 8.
- Haupt, Milton R., Shamolan, Pa. Picker stick buffer. 2,117,956; May 17.
- Haupt, Walter. (See Freyberg, W., and Haupt.)



- Haupt, William E. (See Morton, W. D., and Haupt.)  
Haupt, William E., Brooklawn, N. J. Testing device for multiple cylinder internal combustion engines. 2,113,137; Apr. 5.  
Haupt, William E., Brooklawn, N. J. Testing device for multiple cylinder internal combustion engines. 2,125,277; Aug. 2.  
Haupt, William E., Brooklawn, assignor to Automatic Drive & Transmission Company, Gloucester City, N. J. Automatic power transmitting mechanism. 2,121,663; June 21.  
Haupt, William E., Westville, assignor to Automatic Drive and Transmission Company, Gloucester City, N. J. Control and driving method and apparatus. 2,132,567; Oct. 11.  
Hausdorf, Erich, Berlin, Germany. Telephone earpiece. 2,134,084; Oct. 25.  
Hause, Charles F., Los Angeles, Calif. Valve handle securing device. 2,134,874; Nov. 1.  
Hause, Gilbert K. (See Rasmussen, O., and Hause.)  
Hause, Gilbert K., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Brake mechanism. 2,120,917; June 14.  
Hause, Lewis, Elmhurst, N. Y. Bedpan. 2,110,440; Mar. 8.  
Hausen, Helmuth. (See Linde, R., and Hausen.)  
Hauser, Edward J., Pelham Manor, N. Y. Floor lamp with cord take-up device. 2,141,909; Dec. 27.  
Hauser, Henry, Canton, Ohio. Fuel mixer. 2,127,628; Aug. 23.  
Hauser, Hermann, Binningen, and M. Bommer, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Pyrazole-anthrone and making same. 2,136,133; Nov. 8.  
Hauser, John H., Killam, Alberta, Canada. Horse bit. 2,132,469; Oct. 11.  
Hauser, Max. (See Steinbiss, Carl H., assignor.)  
Hauser, Max, Lausanne, Switzerland. Producing silicon ware. 2,112,777; Mar. 29.  
Hauser, Michael, Augsburg, Germany. Maximum current switch. 2,141,749; Dec. 27.  
Hauser & Sobotka A. G. (See Huber, Hans, and Laster, assignors.)  
Hauser, Walter E., Rochester, N. Y. Truck refrigerator. 2,106,637; Jan. 25.  
Hauserman, E. F., Company, The. (See Bohnsack, John A., assignor.)  
Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Gasket. 2,134,302; Oct. 25.  
Hausman, Walter J., Westfield, N. J., assignor to Burnell Laboratory Company, Incorporated, Locust Valley, Long Island, N. Y. Writing machines. 2,127,514; Aug. 23.  
Hausman, Ward B., Philadelphia, Pa. Knife sharpening machine. 2,120,096; June 7.  
Hausmann, Justus, Neuruppin, Germany. Sock suspender. 2,114,561; Apr. 19.  
Hausmann, Max, Berlin-Zehlendorf-Mitte, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Oxygen emergency apparatus with closed respiratory circuit. 2,106,393; Jan. 25.  
Hausmann, Max, Berlin-Zehlendorf-Mitte, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for generating oxygen, especially for breathing purposes. 2,121,034; June 21.  
Hausmann, Max, Berlin-Zehlendorf-Mitte, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for generating oxygen, especially for breathing purposes. 2,121,347; June 21.  
Hausmann, Max, Berlin-Zehlendorf-Mitte, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Inhaling apparatus. 2,123,334; July 12.  
Hausrath, Herbert, Karlsruhe, Germany. Electromagnet device. 2,120,178; June 7.  
Hauss, Floyd E. (See Baumzweiger, Benjamin, assignor.)  
Hausser, Lawrence J. (See Gatons, C. F., and Hausser.)  
Haussmann, Hans, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphonic acids of carboxylic acid amides and the production thereof. 2,120,557; June 14.  
Hautala, Waino E., Ironwood, Mich. Pneumatic tire. 2,137,910; Nov. 22.  
Hauthaway, Clarence L., Newton, Mass. Protective coating. 2,137,084; Nov. 15.  
Hauton, Paul S., Atlanta, Ga. Mechanical pencil. 2,108,668; Feb. 15.  
Hauton, Paul S., Atlanta, Ga. Mechanical pencil. 2,138,233; Nov. 29.  
Havas, Emeric, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Complex salts of zinc hydrosulphite and 1,2-aliphatic diamines and preparing them. 2,112,567; Mar. 29.  
Havas, Emeric, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thioindoxyl-anil and making the same. 2,127,483; Aug. 16.  
Havas, Emeric, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thioindoxyl derivative and making the same. 2,127,484; Aug. 16.  
Havel, Victor, Chicago, Ill. Novelty. 2,130,343; Sept. 20.  
Havemeyer, Clara D., Chicago, Ill. Container. 2,106,405; Jan. 25.  
Haven, Charles D., assignor to Thermopane Company, Toledo, Ohio. Process and apparatus for producing glazing units. 2,138,164; Nov. 29.  
Havenor, Glover P. (See Kleinicke, W. E., and Havenor.)  
Havens, Glenn G., Detroit, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Making rubber articles. 2,110,224; Mar. 8.  
Havens, Glenn G., Detroit, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Rubber article. 2,110,225; Mar. 8.  
Havens, Glenn G., Detroit, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Tire tread. 2,121,871; June 28.  
Havens, Homer M., assignor to The Seagrave Corporation, Columbus, Ohio. Ladder truck. 2,114,262; Apr. 12.  
Havill, Clinton H., South Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Coupling mechanism. 2,127,996; Aug. 23.  
Havill, Clinton H., South Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 2,132,162; Oct. 4.  
Havourd, Russel M., East Orange, and G. A. Ewald, Plainfield, N. J., assignor to General Electric Company. Transformer load indicator. 2,114,185; Apr. 12.  
Hawaiian Canneries Company. (See Horner, Albert, assignor.)  
Hawes, Austin W. (See Whitney, W. M., and Hawes.)  
Hawes, Austin W., assignor to Baxter D. Whitney & Son, Inc., Winchendon, Mass. Workpiece drive for power shaping machines. 2,125,239; July 26.  
Hawes, Charles H., et al. (See Eaton, Roland D., assignor.)  
Hawes, Henry F., assignor to Associated Manufacturers' Agency, Louisville, Ky. Crossing gate structure. 2,141,953; Dec. 27.  
Hawes, Roland C. (See Winegarden, H. M., Westfall, Hawes, and Wood.)  
Hawgood, Harvey R., Cleveland, Ohio. Game apparatus. 2,133,746; Oct. 18.  
Hawie, Gabriel S., assignor to The Hawie Manufacturing Co., Bridgeport, Conn. Clasp. 2,141,983; Dec. 27.  
Hawie Manufacturing Co., The. (See Hawie, Gabriel S., assignor.)  
Hawk, Henry W. N., Oaklyn, N. J., assignor to Radio Corporation of America. Quartz piezoelectric element. 2,119,848; June 7.  
Hawk, Robert M. (See Schnase, A. J., and Skinner, assignors.)  
Hawke, Clarence E., Metuchen, N. J., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Retort and retort setting. 2,126,325; Aug. 9.  
Hawker, Roland G., Burlington, Vt. Bibb seating tool. 2,106,173; Jan. 25.  
Hawkes, Harry A., Chelsea, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rounding machine and knife therefor. 2,116,680; May 10.  
Hawkeye Pearl Button Company. (See Pulse, Lysle J., assignor.)  
Hawkings, William C. (See Polden, R. E., and Hawkings.)  
Hawkins, Earl, Springfield, Mo. Stapling device. 2,132,295; Oct. 4.  
Hawkins, Earl M., Roselle, N. J., assignor to Standard Oil Development Company. Liquid level indicating and controlling device. 2,125,722; Aug. 2.  
Hawkins, Harry. (See Almen, J. O., and Hawkins.)  
Hawkins, Orville R., assignor to Floridagold Citrus Corporation, Lake Alfred, Fla. Citrus fruit oil extracting and grating apparatus. 2,134,608; Oct. 25.  
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Power control mechanism. 2,106,502; Jan. 25.  
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Utility truck. 2,112,652; Mar. 29.  
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Vehicle body. 2,124,776; July 26.  
Hawkins, Robert R., Tulsa, Okla., assignor to The Texas Company, New York, N. Y. Method and apparatus for cleaning wells. 2,120,132; Jan. 7.  
Hawkinson, Alfred T., Palmyra, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tobacco treatment. 2,122,421; July 5.  
Hawks, William K., Euclid, assignor to The Weatherhead Company, Cleveland, Ohio. Brake cylinder assembly and making same. 2,122,371; June 28.  
Hawksworth, David W. (See Thompson, W. D., and Hawksworth.)  
Hawksworth, David W., Birmingham, Mich., assignor to Chicago-Hutchins Corporation. Car roof. 2,109,920; Mar. 1.  
Hawksworth, David W., Birmingham, Mich., assignor to Chicago-Hutchins Corporation. Car roof. 2,112,809; Mar. 29.  
Hawksworth, David W., Birmingham, Mich., assignor to Chicago-Hutchins Corporation, Chicago, Ill. Running board saddle construction. 2,131,174; Sept. 27.  
Hawksworth, David W., Birmingham, assignor to Chicago-Hutchins Corporation, Detroit, Mich. Hatch frame construction for car roofs. 2,141,471; Dec. 27.  
Hawksworth, David W., Birmingham, and H. W. Miller, Detroit, Mich., assignors to Chicago-Hutchins Corporation. Car roof. 2,112,810; Mar. 29.



- Hawle, Josef, Vienna, Austria. Silencer for internal combustion engines. 2,109,995; Mar. 1.
- Hawley, Charles G., assignor to Centrifix Corporation, Cleveland, Ohio. Tar extractor and the like. 2,117,718; May 17.
- Hawley, Clinton K., McPherson, Kans. Bottle holder. 2,116,148; May 3.
- Hawley, George W., Westport, assignor to L. J. Padula, doing business as Allied Medical & Orthopedic Supply Co., Norwalk, Conn. Bone setting. 2,133,859; Oct. 18.
- Hawley, Jesse B. (See Gray, William C., assignor.)
- Hawley, Jesse B. (See Sloan, E. C., and Sporre, assignors.)
- Hawley, Jesse B., Geneva, Ill. Hat. 2,111,212; Mar. 15.
- Hawley, Jesse B., Geneva, Ill. Making fibrous articles. 2,116,198; May 3.
- Hawley, Jesse G., Painted Post, assignor to Hawley-Jones Corporation, Riverside, N. Y. Brake lining and making same. 2,107,295; Feb. 8.
- Hawley, Jesse G., Painted Post, assignor to Hawley-Jones Corporation, Riverside, N. Y. Brake. 2,116,515; May 10.
- Hawley-Jones Corporation. (See Hawley, Jesse G., assignor.)
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Flux distributing insulator. 2,128,817; Aug. 30.
- Hawley, Orrin E., Dallas, Tex. Awning. 2,117,320; May 17.
- Hawley, William G., Syracuse, N. Y. Game apparatus. 2,109,638; Mar. 1.
- Hawley, William G., Syracuse, N. Y. Game apparatus. 2,109,639; Mar. 1.
- Hawley, William S., Newark, N. J. Physical culture machine. 2,130,922; Sept. 20.
- Hawn, William D. (See Etzenhouser, M. A., and Hawn.)
- Haworth, Mack E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Apparatus for mineral separation. 2,139,823; Dec. 13.
- Hawrylasz, Nykyfor, Minneapolis, Minn. Window squeegee. 2,112,462; Mar. 29.
- Hawthorn, Hubert R., Mitcham, Surrey, England. Steering wheel of road vehicles. 2,127,171; Aug. 16.
- Hawthorne, Wendell P. (See Deniston, R. F., and Hawthorne.)
- Hay, Alvan O., Washington, D. C. Electric heater. 2,119,161; May 31.
- Hay, Charles W., Great Falls, Mont. Electric shaver. 2,134,609; Oct. 25.
- Haycock, Rex D., Zurich, Mont., and A. L. Turner, Declo, Idaho. Land leveler. 2,128,532; Aug. 30.
- Hayden, Arthur G., Oakland, Calif. Fuse for aerial drop-bombs. 2,110,552; Mar. 8.
- Hayden, David H., Candlewood Isle, New Fairfield, Conn. Reinforcement for the composition covering of structural members. 2,112,598; Mar. 29.
- Hayden, David H., Candlewood Isle, New Fairfield, Conn. Chair. 2,125,920; Aug. 9.
- Hayden, Robert B., Seattle, Wash. Precious metal, recovery device. 2,125,291; Aug. 2.
- Hayden, Robert P., assignor to Johnson & Johnson, New Brunswick, N. J. Sanitary napkin. 2,120,949; June 14.
- Hayes, Carl L., Providence, R. I. Enveloping atmosphere control. 2,124,573; July 26.
- Hayes, Charles G., La Grange, assignor to Chicago Carton Co., Chicago, Ill. Box making apparatus. 2,108,334; Feb. 15.
- Hayes Donahue Manufacturing Co., The. (See Jacobs, Joseph, assignor.)
- Hayes, F. D., Electric Company. (See Green, Mason V., assignor.)
- Hayes, Frank A., Middletown, N. J. Variable speed power transmission mechanism. 2,123,006; July 5.
- Hayes, Frank A., Middletown, N. J. Tractive pressure means for frictional power transmission mechanisms. 2,123,007; July 5.
- Hayes, Frank A., Middletown, N. J. Power transmission mechanism. 2,123,008; July 5.
- Hayes, Frank A., Middletown, N. J. Precession initiating and controlling means for variable speed transmission mechanisms. 2,124,398; July 19.
- Hayes, Frank A., Middletown, N. J. Power transmission mechanism. 2,124,399; July 19.
- Hayes, Frank A., Middletown, N. J. Variable speed power transmission mechanism. 2,140,012; Dec. 13.
- Hayes, Frank D. (See Green, Mason V., assignor.)
- Hayes, Hammond V. (See Hall, William M., assignor.)
- Hayes, Harvey C., Washington, D. C. Apparatus for measuring thickness. 2,105,479; Jan. 18.
- Hayes Industries, Inc. (See Cary, Beecher B., assignor.)
- Hayes Industries, Inc. (See Hollerith, Charles, assignor.)
- Hayes Industries, Inc. (See Kingsley, George A., assignor.)
- Hayes, Maxwell F., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record sensing device. 2,129,761; Sept. 13.
- Hayes, Neil G., Bridgeport, Conn. Wire connector. 2,122,252; June 28.
- Hayes, Neil G., Bridgeport, Conn. Ground clamp. 2,137,840; Nov. 22.
- Hayes, Ralph S., Lakewood, assignor of forty per cent to W. J. Smith, Rocky River, and nine per cent to D. B. Waite, Cleveland Heights, Ohio. Brake structure. 2,126,883; Aug. 16.
- Hayes, Stanley A., Berkeley, Calif. Spraying apparatus. 2,127,731; Aug. 23.
- Hayford, Elmer R., assignor, by mesne assignments, to J. K. Davidson, Rochester, N. Y. Radio frequency applicator with electroscopic control. 2,114,345; Apr. 19.
- Haymaker, Coral E., Bartlesville, Okla. Rug making implement. 2,126,551; Aug. 9.
- Hayman, William C., Schenectady, N. Y., assignor to General Electric Company. Electric cable. 2,141,910; Dec. 27.
- Haymond, Loomis M., Cincinnati, Ohio. Fuel unit. 2,107,054; Feb. 1.
- Haymond, Paul, Fairmont, W. Va. Refrigerant control device. 2,113,345; Apr. 5.
- Haynes, Charles R., Clinton, Conn., W. R. Clayton, New York, N. Y., and R. V. Townend, Arlington, N. J., assignors to William Zinsser & Co., New York, N. Y. Composition of matter. 2,140,527; Dec. 20.
- Haynes, George P., Brooklyn, assignor to Todd Combustion Equipment, Inc., New York, N. Y. Oil burning equipment. 2,125,019; July 26.
- Haynes, George P., East Rockaway, assignor to Todd Combustion Equipment, Inc., New York, N. Y. Oil burning equipment. 2,125,020; July 26.
- Haynes, George P., East Rockaway, assignor to Todd Combustion Equipment, Inc., New York, N. Y. Combined lighting and observation port. 2,125,021; July 26.
- Haynes, George P., East Rockaway, assignor to Todd Combustion Equipment, Inc., New York, N. Y. Air register. 2,125,022; July 26.
- Haynes, Hugh W., Joliet, Ill., assignor to The American Steel and Wire Company of New Jersey. Burr removing machine. 2,141,135; Dec. 20.
- Haynes Stellite Company. (See Wessler, William A., assignor.)
- Haynie, Raymond L., Reedville, Va. Tomato scalders. 2,111,285; Mar. 15.
- Hays, Benjamin F., Hamburg, Iowa. Burial vault. 2,125,563; Aug. 2.
- Hays, Newell, El Paso, Tex. Closing cracks in castings and the like. 2,121,692; June 21.
- Hayssen Mfg. Co. (See Hayssen, William A., assignor.)
- Hayssen, William A., assignor to Hayssen Mfg. Co., Sheboygan, Wis. Control device for wrapping machines. 2,127,028; Aug. 16.
- Hayward, Arthur S., Altrincham, assignor to Linotype and Machinery Limited, London, England. Assembler mechanism of typographical composing machines. 2,117,555; May 17.
- Hayward, Harry H. (See Burns, R., and Hayward.)
- Hayward, Landes H., Long Beach, Calif. Well testing apparatus. 2,109,745; Mar. 1.
- Hayward, Mary M., executrix. (See Hayward, Ralph B.)
- Hayward, R. B., Company. (See Clemmons, Ralph W., assignor.)
- Hayward, R. B., Company. (See Hayward, Ralph B., assignor.)
- Hayward, Ralph B., deceased, La Grange, Ill., M. M. Hayward, executrix of said R. B. Hayward, assignor to R. B. Hayward Company. Reel. 2,110,624; Mar. 8.
- Hayward, Ralph B., deceased, La Grange, Ill., M. M. Hayward, executrix of said R. B. Hayward, assignor to R. B. Hayward Company. Lugging. 2,110,625; Mar. 8.
- Hayward, Ralph B., deceased, La Grange, Ill., M. M. Hayward, executrix of said R. B. Hayward, assignor to R. B. Hayward Company. Reel. 2,110,626; Mar. 8.
- Haywood, Carl, Indianapolis, Ind. Heating and cooling system for self propelled vehicles. 2,134,188; Oct. 25.
- Hazard Advertising Corporation. (See Lawler, James, assignor.)
- Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Automatic zeroizer for dispensing pumps. 2,109,352; Feb. 22.
- Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Automatic zeroizing device for dispensing pumps. 2,109,353; Feb. 22.
- Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Interlocking device for dispensing pumps. 2,120,645; June 14.
- Hazard, Charles S., New York, and W. I. Marden, Jackson Heights, Flushing, N. Y., assignors to Neptune Meter Company. Delivery recorder. 2,126,266; Aug. 9.
- Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Accuracy power device. 2,116,576; Nov. 8.
- Haze, Harry S. (See Savage, Will R.)
- Hazel Atlas Glass Company. (See Flint, Francis C., assignor.)
- Hazel Atlas Glass Company. (See Huntman, Bert J., assignor.)
- Hazel Atlas Glass Company. (See Root, James W., assignor.)
- Hazel Atlas Glass Co. (See Schuch, H. P., and Hendley, assignor.)
- Hazel Atlas Glass Company. (See Simon, Otto D., assignor.)
- Hazel Atlas Glass Company. (See Smith, Frank, assignor.)



- Hazel-Atlas Glass Company. (See Williams, John J., assignor.)
- Hazel-Atlas Glass Company. (See Williams, J. J., and Bauman, assignors.)
- Hazel, Claude S., assignor to The United Gas Improvement Company, Philadelphia, Pa. Stopping service and other gas pipes. 2,107,259; Feb. 1.
- Hazel, Ernest, Jr. (See Hazel, Ernest C. and Ernest Jr.)
- Hazel, Ernest C. and E., Jr., Atchinson, Kans. Bookbinding. 2,115,951; May 3.
- Hazeldine, Lillian B., administratrix. (See Hazeldine, Norton F. W.)
- Hazeldine, Norton F. W., by L. B. Hazeldine, administratrix, Redlands, Calif. Conserving fruit and vegetable juices. 2,111,048; Mar. 15.
- Hazelett, Clarence W., Greenwich, Conn. Producing hollow metallic shapes and apparatus therefor. 2,123,894; July 19.
- Hazelett, Clarence W., Greenwich, Conn. Producing solid metal of substantially constant cross section throughout its length directly from a mass of molten metal and to an apparatus therefor. 2,127,515; Aug. 23.
- Hazelip, Harry W., Baltimore, Md. Lubricant injecting tool. 2,130,009; Sept. 13.
- Hazell, Eardley. (See Abbott, A. O., Jr., McNeill, Hazell, and Gibbons.)
- Hazell, Eardley, assignor to United States Rubber Company, New York, N. Y. Microporous rubber. 2,112,529; Mar. 29.
- Hazell, Eardley, New York, N. Y., and A. W. Keen, Passaic, N. J., assignors to United States Rubber Products, Inc., New York, N. Y. Manufacture of articles from plastics. 2,121,872; June 28.
- Hazells Limited. (See Donisthorpe, Frank W., assignor.)
- Hazeltine Corporation. (See Barber, Alfred W., assignor.)
- Hazeltine Corporation. (See Case, Nelson P., assignor.)
- Hazeltine Corporation. (See Cawein, Madison, assignor.)
- Hazeltine Corporation. (See Harnett, Daniel E., assignor.)
- Hazeltine Corporation. (See Hazeltine, Louis A., assignor.)
- Hazeltine Corporation. (See Johnson, John K., assignor.)
- Hazeltine Corporation. (See Lewis, Harold M., assignor.)
- Hazeltine Corporation. (See Lewis, H. M., and Cawein, assignors.)
- Hazeltine Corporation. (See Trube, Carl E., assignor.)
- Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
- Hazeltine, Louis A., Hoboken, N. J., assignor to Hazeltine Corporation. Frequency conversion system. 2,113,464; Apr. 5.
- Hazelton, Benjamin F., Jr., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Hollow glass building block. 2,107,994; Feb. 8.
- Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for slotting heels. 2,116,627; May 10.
- Hazen, Richard K., Montclair, N. J., assignor to Egyptian Lacquer Manufacturing Company. Lacquer enamel. 2,115,020; Apr. 26.
- Hazen, Richard K., Montclair, N. J., assignor to Egyptian Lacquer Manufacturing Company. Lacquer enamel. 2,141,911; Dec. 27.
- Hazey, George W., Cleveland, Ohio, assignor of twenty-five per cent to R. C. Tuma, Los Angeles, Calif., six and two-thirds per cent to H. H. Handelman, Cleveland, ten percent to E. Gadd, Leavittsburg, and twenty-five per cent to E. C. Tuma, Cleveland, Ohio. Apparatus for casting metal. 2,117,114; May 10.
- Hazle, Albert J., Jr., assignor to B. F. Gump Company, Chicago, Ill. Treating coffee and preserving its flavor. 2,118,010; May 17.
- Heacock, Ralph H. (See Herbst, P. J., Heacock, and Bindloss.)
- Heacock, Ward J. (See Burnell, E. J., and Heacock.)
- Heacock, Ralph H., Oaklyn, N. J., assignor to Radio Corporation of America. Phonograph. 2,135,035; Nov. 1.
- Head, Ernest C., assignor of one-half to Goddard & Goddard Company, Inc., Detroit, Mich. Gear cutter. 2,135,893; Nov. 8.
- Head, Ernest C., assignor of one-half to Goddard & Goddard Company, Inc., Detroit, Mich. Machine for forming spiral bevel gear cutters. 2,135,894; Nov. 8.
- Head, Robert, Yonkers, N. Y. Automatic gear selector and shift. 2,116,892; May 10.
- Headley, Dore O. (See Schaffer, H. P., and Headley.)
- Heald Machine Company, The. (See Berard, H. R., and McKeon, assignors.)
- Heald Machine Company, The. (See Blood, Harold L., assignor.)
- Heald Machine Company, The. (See Heald, Roger N., assignor.)
- Heald Machine Company, The. (See Hintermeyer, Alfred E., assignor.)
- Heald Machine Company, The. (See Richards, Charles H., assignor.)
- Heald Machine Company, The. (See Schmidt, William D., assignor.)
- Heald, Roger N., assignor to The Heald Machine Company, Worcester, Mass. Making abrasive tools with conducting properties. 2,125,782; Aug. 2.
- Healey, Herbert C., East Bridgewater, Mass. Locking device for electric light bulbs. 2,113,138; Apr. 5.
- Healis, George A., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit breaker and energy absorber therefor. 2,137,001; Nov. 15.
- Health Research Foundation, Inc. (See Allen, Simeon C., assignor.)
- Healy, Andrew M., Streator, Ill. Ice cream dipper and mold. 2,108,585; Feb. 15.
- Healy, Francis P., assignor to Van Norman Machine Tool Company, Springfield, Mass. Valve regrinding device. 2,125,442; Aug. 2.
- Healy, Frank, Sandwich, Ontario, Canada. Sharpener and device for honing lawn mowers. 2,118,199; May 24.
- Healy, Harold T., Milton, assignor to The Waverly Heating Supply Co., Boston, Mass. Range. 2,137,003; Nov. 15.
- Heaney, William A., Salem, Mass. Valve. 2,106,406; Jan. 25.
- Heard, Joseph R. (See Barbieri, C., and Heard.)
- Hearn, Francis N., Silver Spring, Md. Sash fastener. 2,127,061; Aug. 16.
- Hearn, John L., Upper Darby, Pa. Door arrangement. 2,134,123; Oct. 25.
- Hearn, Richard B. (See Cummings, G. C., and Hearn.)
- Hearn, Richard B., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal distortion indicating and measuring device for printing telegraph systems. 2,107,149; Feb. 1.
- Hearn, Richard B., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distortion indicating and measuring device for printing telegraph systems. 2,107,753; Feb. 8.
- Hearn, Thomas, Ludlow, Ky., and G. S. McKee, Cincinnati, assignors to The Globe-Wernicke Company, Norwood, Ohio. Letter tray. 2,135,814; Nov. 8.
- Hearne, George. (See Groll, H. P. A., and Hearne.)
- Hearne, George. (See Groll, H. P. A., Harne, Burgin, and La France.)
- Hearst Enterprises Incorporated. (See Kohlberger, Charles E., assignor.)
- Heaslet, James G., Cleveland, Ohio. Apparatus for separation of vegetables. 2,114,263; Apr. 12.
- Heasley, Loyd E., Holland, Mich., assignor to Hart & Cooley Manufacturing Company, Dover, Del. Adjustable register. 2,139,893; Dec. 13.
- Heaston, John W., Huntington Beach, Calif. Holder for rotary vibrating bits. 2,113,651; Apr. 12.
- Heaston, John W., Huntington Beach, Calif. Crankpin. 2,138,698; Nov. 29.
- Heath, Frank M., Silver Spring, Md. Water guard for flush tanks. 2,130,719; Sept. 20.
- Heath, Frederick W., Los Angeles, Calif. Convertible table settee. 2,113,346; Apr. 5.
- Heath, Oran. (See Perrin, Lloyd J., assignor.)
- Heath, Sheldon B., and F. A. Landee, assignors to The Dow Chemical Company, Midland, Mich. Iodine recovery. 2,120,218; June 7.
- Heath, Spencer, Elkridge, assignor to The American Propeller Company, Baltimore, Md. Propeller. 2,127,687; Aug. 23.
- Heath, Walter N. (See Birdseye, C., Wilson, and Heath.)
- Heath, Walter N. (See Wilson, H. D., and Heath.)
- Heath, Walter N., Rockport, Mass., assignor to Birdseye Electric Corporation, Dover, Del. Agitating apparatus. 2,130,545; Sept. 20.
- Heating Ventilating & Air Conditioning Co. Inc. (See Smith, Leonard C., assignor.)
- Heating Ventilating & Air Conditioning Co. Inc. (See Woodruff, Henry S., assignor.)
- Heatless Light Corporation. (See Lucian, Arsene N., assignor.)
- Heaton, Arthur A., Minneapolis, Minn. Piston expander. 2,127,516; Aug. 23.
- Heat-Rite Fireplace, Inc. (See Sroat, Paul H., assignor.)
- Hebbard, George M. (See Grebe, J. J., Hebbard, and Schneider.)
- Hebel, Martin, Hechendorf-on-Pilsensee, Oberbayern, and K. Gundlfinger, Frankfurt-on-the-Main, Germany. Telegraph printer. 2,121,873; June 28.
- Hebel, Martin, Oberbayern, Germany. Telephone system. 2,133,055; Oct. 11.
- Hebeler, Edward S., Williamsville, N. Y. Welding. 2,139,160; Dec. 6.
- Hebenstreit, Charles P. (See Wiedemann, Max, assignor.)
- Heberlein, George, Jun., Wattwil, Switzerland, assignor to Heberlein Patents Corporation, New York, N. Y. Making patterned effects on crepe fabrics and products therefrom. 2,121,755; June 21.
- Heberlein, George, Jr., Wattwil, Wanne, and E. Weiss, Wattwil, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Imparting fancy effects to fabrics. 2,112,895; Apr. 5.
- Heberlein, Georges, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Producing filaments like horsehair. 2,139,017; Dec. 6.
- Heberlein Patent Corporation. (See Heberlein, G., Jr., and Weiss, assignors.)
- Heberlein Patent Corporation. (See Heberlein, Georges, assignor.)
- Heberlein Patent Corporation. (See Künzle, August, assignor.)
- Hebert, Edmond A. (See Watts, Perley I., assignor.)
- Hebler, William O., Westfield, N. J. Gas analysis cell of the thermal conductivity type. 2,116,239; May 3.



- Hebor, John J., Euclid, Ohio, assignor to Niles-Bement-Pont Company, Hartford, Conn. Tap. 2,137,340; Nov. 22.
- Hechenbleikner, Ingenuin, Charlotte, N. C., assignor to Chemical Construction Corporation, New York, N. Y. Method of and apparatus for absorbing oxides of nitrogen under pressure. 2,138,165; Nov. 29.
- Hechman, Helen, New York, N. Y. Foam apparatus. 2,107,666; Feb. 8.
- Hecht, Clinton J., Los Angeles, assignor to L. Rhodes and W. H. Hammer, Santa Monica, Calif. Block toy. Re. 20,652; Feb. 15.
- Hecht, Hermann. (See Hubert, E., and Hecht.)
- Hecht, Otto. (See Ufer, H., and Hecht.)
- Hecht, Paul O., Davenport, Iowa, assignor to Kwikon Company, Chicago, Ill. Conduit connection. 2,111,243; Mar. 15.
- Hecht, Vernon G., assignor to The Meyer-Hecht Company, Cincinnati, Ohio. Surfacing plate. 2,135,815; Nov. 8.
- Heck, Fred R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Double row roller bearing. 2,141,136; Dec. 20.
- Heck, George L., Chicago, Ill. Fan and blower. 2,129,468; Sept. 6.
- Heckel, Anton B., Franklin Park, N. Y. Self opening toothpick package. 2,111,265; Mar. 15.
- Heckendorn, Clarence. (See Treadway, S. C., and Hecken-dorn.)
- Hecker, John C. (See Hickman, K. C. D., and Hecker.)
- Heckert, Evelyn L. (See Heckert, John E., assignor.)
- Heckert, Guy L., Millersburg, Pa. Bathtub safety device. 2,120,179; June 7.
- Heckert, John E., Van Nuys, Calif., assignor by decree of court to E. L. Heckert. Mobile merchandising device. 2,121,756; June 21.
- Heckert, Leon C., Pittsburg, Kans., and C. H. Peet, Bristol, Pa., assignors to Rohm & Haas Company, Philadelphia, Pa. Insecticidal, fungicidal, disinfectant material. 2,124,400; July 19.
- Heckla A/S. (See Möller, Johan G. C., assignor.)
- Hecklin, Simon, et al. (See Rogers, Charles M., assignor.)
- Heckman, Charles, West Palm Beach, Fla. Transmission. 2,109,290; Feb. 22.
- Hedberg, William O. (See Castle, W. L., and Hedberg.)
- Hedden, Charles A., Union, N. J. Transformer for a metal locator. 2,129,058; Sept. 6.
- Hedden, Charles L., Newark, N. J., and N. Cherkasoff, New York, N. Y. Bag. 2,105,319; Jan. 11.
- Hedding, Linnie K., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical regulating apparatus for rectifiers. 2,136,243; Nov. 8.
- Heddon's, James, Sons. (See Bear, Paul S., assignor.)
- Heddon's, James, Sons. (See McArthur, Joseph, assignor.)
- Heden, Folke, assignor to Fred Fear & Co., Brooklyn, N. Y. Dyeing. 2,127,595; Aug. 23.
- Hedgecock, William C. (See Pierce, R. C., and Hedgecock.)
- Hedgecock, William C., assignor to American Steel Foundries, Chicago, Ill. Roller bearing unit for freight cars. 2,115,989; May 3.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,116,789; May 10.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,134,943; Nov. 1.
- Hedger, Albert E., Buffalo, N. Y. Radio tuning control. 2,108,335; Feb. 15.
- Hedges, Harry O., Seattle, Wash. Motor boat drive and steering mechanism. 2,114,633; Apr. 19.
- Hedges, Hazelle H., Kansas City, Mo. Marionette toy. 2,113,839; Apr. 12.
- Hedges, James S., Rye, N. Y. Weighing device. 2,129,469; Sept. 6.
- Hedgpeh, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Work guide for wood-working machines. 2,104,158; Jan. 4.
- Hedgpeh, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Chuck for woodworking tools. 2,111,067; Mar. 15.
- Hedin, John, Mariestad, Sweden. Ventilator for motor cars and the like. 2,125,023; July 26.
- Hedinger, Fred H., Hampstead, Middlesex, England. Cavity brick for building purposes. 2,126,011; Aug. 9.
- Hedinger, Fred H., Hampstead, England. Wall construction. 2,126,012; Aug. 9.
- Hedley, Norman, Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Cyanidation of precious metals. 2,131,535; Sept. 27.
- Hedley, Norman, Westfield, N. J., assignor to American Cyanamid Company of New York, N. Y. Flotation of culm. 2,136,341; Nov. 8.
- Hedlund, Iver H., Sioux City, Iowa. Vehicle screen. 2,123,172; July 12.
- Hedlund, Mats, Stockholm, Sweden. Cable mounting for electrical apparatus. 2,106,248; Jan. 25.
- Hedlund, Oscar J. W. (See Dyer, H. L., and Hedlund.)
- Hedman Manufacturing Company, The. (See Dahlberg, Fred W., assignor.)
- Hedman, Sverker N., Stoughton, Mass., assignor to General Electric Company. Speed governing mechanism. 2,124,418; July 19.
- Hedrick, Clarence E., Newton, Kans. Poultry feeder. 2,115,263; Apr. 20.
- Hedstrom, Carl, Jr., assignor to Hedstrom-Union Company, Gardner, Mass. Baby carriage and hood therefor. 2,107,940; Feb. 8.
- Hedstrom-Union Company. (See Hedstrom, Carl, Jr., assignor.)
- Heebner, Lawrence, Reading, Pa. Condiment holder. 2,130,275; Sept. 13.
- Heeman, Herbert H., Lakewood, Ohio. Door handle. Heer, Otto F., Ontario, Calif. Fertilizer drill. 2,139,080; Dec. 6.
- 2,125,783; Aug. 2.
- Heerde, Alfred, Breslau, Germany. Rotary engine with gyratory piston. 2,104,517; Jan. 4.
- Heeter, Thomas E., St. Louis, Mo. Binder for loose leaf books. 2,113,840; Apr. 12.
- Heffelfinger, Paul E. (See Jung, O. H., and Heffelfinger.)
- Heffelfinger, Glenn B. (See Shelton, D. J., Jacoby, and Heffelfinger.)
- Heffner, Harry F., and L. L. De Turk, Kearny, N. J. Sled brake. 2,107,893; Feb. 8.
- Heffner, Lawrence L. (See Clayton, E. C., and Heffner.)
- Heft, Frederick. (See Batcheller, C., and Heft.)
- Heft, Orville J. (See Donnan, Earl H., assignor.)
- Hefti, Hans, Neenah, Wis. Dispensing device. 2,113,022; Apr. 5.
- Heftler, Maurice B. (See Crawford, M. O., and Heftler.)
- Heftler, Victor R., assignor to Zenith Carburetor Company, Detroit, Mich. Carburetor. 2,120,975; June 21.
- Hefty, Henry, St. Louis, Mo. Garbage receptacle. 2,116,311; May 3.
- Hegan, Horace J., Coventry, assignor to Courtaulds Limited, London, England. Manufacture of artificial threads, filaments, and the like. 2,128,818; Aug. 30.
- Hegrat, Milo F., Berwyn, Ill. Cigarette making device. 2,133,698; Oct. 18.
- Hegwein, Georg. (See Fiedler, K., Hegwein, Merten, and Stockmeyer.)
- Hehn, Louis F., assignor of one-half to M. T. Lane, Chicago, Ill. Coin control for bowling alleys. 2,118,303; May 24.
- Heichert, Herman S., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Plate glass transfer and turn-over apparatus. 2,104,422; Jan. 4.
- Heichert, Herman S., and W. Owen, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for surfacing glass sheets. 2,122,466; July 5.
- Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,109,640; Mar. 1.
- Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,125,564; Aug. 2.
- Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,129,931; Sept. 13.
- Heldbrink, Jay A., Minneapolis, Minn. Anesthetizing machine. 2,104,988; Jan. 11.
- Heldbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Gas administering machine. Re. 20,781; July 5.
- Heldbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Anesthetizing apparatus. 2,121,196; June 21.
- Heldbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Control for therapeutic air conditions. 2,131,103; Sept. 27.
- Heldbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Inhaler. 2,133,699; Oct. 18.
- Heldbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Absorber and rebreathing mechanism for anes-thetizing machines. 2,136,241; Nov. 8.
- Heldbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Ether vaporizer. 2,136,245; Nov. 8.
- Heldbrock, William, New Brunswick, N. J., assignor to Zonite Products Corporation, New York, N. Y. Appli-cator. 2,124,065; July 19.
- Heidger, Leonard, West Allis, assignor to F. I. Coughler, Milwaukee, Wis. Electric fence. Re. 20,775; May 17.
- Heidloff, Joseph R. (See La Brie, L. E., and Heidloff.)
- Heidloff, Joseph R., assignor to Hydraulic Brake Com-pany, Detroit, Mich. Fluid pressure producing device. 2,118,604; May 24.
- Heidloff, Joseph R., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure brake system. 2,135,004; Nov. 1.
- Heldmann, Leon, assignor to Forgas & Arbores de Cons-truction Electriques de Jemmont, Suisse Anonyme, Paris, France. Water jet apparatus. 2,131,660; Sept. 27.
- Heifetz, Solomon A., Wausau, assignor to Macmillan Paper Mills Company, Rothschild, Wis. Container. 2,140,996; Dec. 20.
- Heicht, Lewis H., assignor to Thompson Manufacturing Co., Denver, Colo. Pipe line support. 2,143,984; Apr. 5.
- Heigley, Henry F. (See Hill, V. J., Jr., and Heigley.)
- Heigley, Henry F., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Valve structure. 2,114,264; Apr. 12.



- Heigis, Henry E., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Valve for airplane flotation apparatus. 2,114,265; Apr. 12.
- Heigis, Henry E., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Fire extinguisher support. 2,139,634; Dec. 6.
- Heil, The. (See Meyer, Arnold F., assignor.)
- Heil Co., The. (See Boag, Charles W., assignor.)
- Heil Co., The. (See Eisenberg, Charles G., Jr., assignor.)
- Heil Co., The. (See French, Henry C., assignor.)
- Heil Co., The. (See French, H. C., and Frentzel, assignors.)
- Heil Co., The. (See Frentzel, Herman C., Jr., assignor.)
- Heil Co., The. (See Heil, Julius P., assignor.)
- Heil Co., The. (See Maloon, Earl B., assignor.)
- Heil Co., The. (See Schmidt, Harlow L., assignor.)
- Heil Co., The. (See Streloy, Henry A., assignor.)
- Heil Co., The. (See Thwaits, Frederick G., assignor.)
- Heil, Hanns, Munich, assignor to the firm Deutsche Kurten-Oel-Fabriken, Neuburg, near Munich, Bavaria, Germany. Air tube packing. 2,135,940; Nov. 8.
- Heil, John P., Melrose Park, Ill. Table. 2,128,046; Aug. 23.
- Heil, Julius P., assignor to The Heil Co., Milwaukee, Wis. Scraper. 2,105,320; Jan. 11.
- Heil, Julius P., Whitefish Bay, assignor to The Heil Co., Milwaukee, Wis. Scraper. 2,112,288; Mar. 29.
- Heil, Julius P., Whitefish Bay, assignor to The Heil Co., Milwaukee, Wis. Scraper. 2,136,102; Nov. 8.
- Heil, Norman E., Ridgewood, N. J. Wick for liquid fuel burners. 2,121,293; June 21.
- Heil, Norman E., Ridgewood, N. J. Wick for liquid fuel burners. 2,133,450; Oct. 18.
- Heiland, Carl A., Golden, assignor to Heiland Research Corporation, Denver, Colo. Gravimeter. 2,137,963; Nov. 22.
- Heiland Research Corporation. (See Heiland, Carl A., assignor.)
- Heilbron, Isidor M., Manchester, England, and F. Irving, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Dyes of the polymethine series and preparation of the same. 2,111,183; Mar. 15.
- Heilbron, Isidor M., Manchester, F. Irving, Grangemouth, and R. P. Linstead, London, England, assignors to Imperial Chemical Industries Limited. Coloring matters of the phthalocyanine type. 2,116,602; May 10.
- Heilbron, Isidor M., Manchester, England, F. Irving, Grangemouth, Scotland, and R. P. Linstead, London, England, assignors to Imperial Chemical Industries Limited. Producing phthalocyanine compounds. 2,124,419; July 19.
- Heilman, Bernard, and E. Peck, assignors to L. A. Young Spring & Wire Corporation, Detroit, Mich. Wireworking machine. 2,110,665; Mar. 8.
- Heilman, Frank A. (See Turnquist, H. L., and Heilman.)
- Heilmann, Josué, assignor to Societe Alsacienne de Constructions Mecaniques, Clichy, France. Electric wire. 2,123,778; July 12.
- Heilner, Gustav, Berlin-Fichtengrund, Post Friedrichsthal, assignor to the firm Chemische Fabriken Dr. Joachim Wiernik & Co., Aktiengesellschaft, Berlin-Waidmannslust, Germany. Barbituric acids. 2,139,583; Dec. 6.
- Heim, Friedrich. (See Wolff, P., and Heim.)
- Heim, Howard J. (See George, R. H., and Heim.)
- Heimann, Walter, Berlin Reinickendorf, Germany, assignor to General Electric Company. Cathode-ray tube. 2,124,401; July 19.
- Heimann, Walter, Berlin-Tempelhof, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Television scanner cathode. 2,139,018; Dec. 6.
- Heimbach, Charles H., Elyria, Ohio, assignor to National Tube Company. Production of ammonium chloride crystals. 2,108,377; Feb. 15.
- Heimberger, Walter, assignor to Firmatana Metallkeramik G. m. b. H., Bayreuth, Germany. Manufacture of enamel. 2,127,116; Aug. 16.
- Heimer, Warren J., Denver, Colo. Hobbler. 2,125,500; Aug. 2.
- Heimers, Rodolfo, Mexico, D. F., Mexico. Support for the elastic in ball games with attached ball. 2,128,610; Aug. 30.
- Heimers, Rodolfo, Mexico, D. F., Mexico. Ball game. 2,110,084; Mar. 1.
- Heimers, Rodolfo, Mexico, D. F., Mexico. Apparatus for play and sport. 2,114,562; Apr. 19.
- Heimke, Hugo W. (See Williams, K. D., and Heimke.)
- Heimsch, Karl D., Stuttgart, Germany, and O. Brassart, Zurich, Switzerland, assignors to J. Bloch, Frankfurt-on-the-Main, Germany. Closure for tubes and the like. 2,106,028; Jan. 18.
- Hein, Henry F., et al. (See Sterling, Rufus T., assignor.)
- Heine, Hermann, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Illuminating device for microscopes. 2,130,493; Sept. 20.
- Heine, Hermann, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Relief condenser. 2,130,494; Sept. 20.
- Heine, Lawrence J. (See Josephs, L. C., Jr., and Heine.)
- Heineman, Arthur S., Los Angeles, Calif. Multiple article package and method. 2,106,276; Jan. 25.
- Heineman, Arthur S., Los Angeles, Calif. Article dividing and packaging machine. 2,107,036; Feb. 1.
- Heinemann, Erwin. (See Fehr, K., Heinemann, and Schneider.)
- Heinen, Wesley C., Scranton, Pa. Doorknob bar. 2,128,144; Aug. 23.
- Heinlein, George L., Hamilton, Ohio. Threshing machine cylinder. 2,133,451; Oct. 18.
- Heinisch, Otto, Oberrhofen, near Wesel, and A. Riedl, Fluren, near Wesel, Germany. Electrical heating apparatus. 2,110,727; Mar. 8.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Straight knitting machine. 2,107,985; Feb. 8.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Flat rib knitting machine. 2,109,423; Feb. 22.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Knockover device. 2,120,749; June 14.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Flat rib knitting machine. 2,120,750; June 14.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft Chemnitz, Germany. Narrowing device for flat knitting machines. 2,122,344; June 28.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Thread guide brake. 2,127,771; Aug. 23.
- Heino, Rudolph, Mokomon, Ontario, Canada. Lumber saw sharpener. 2,117,801; May 17.
- Heinrich, H. H., Inc. (See Schmidt, Harry P., assignor.)
- Heinrich, Konrad, assignor to Allen-Bradley Company, Milwaukee, Wis. Apparatus for effecting simultaneous functioning of a plurality of alternating current electromagnets. 2,138,275; Nov. 29.
- Heinrich, Martin. (See Tautz, H. E., and Heinrich.)
- Heinrich, Valentine, Los Angeles, Calif. Miniature safety razor. 2,139,680; Dec. 13.
- Heinrich, Walter A., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,108,856; Feb. 22.
- Heinrich, Walter A., assignor to James R. Kearney Corporation, St. Louis, Mo. Chain tightener. 2,120,497; June 14.
- Heinrich, Walter A., St. Louis, Mo., and C. R. Pieper, assignors to Iron Products Corporation, La Crosse, Wis. Earth anchor. 2,121,757; June 21.
- Heinritz, Ted E., Appleton, Wis., assignor to Appleton Toy & Furniture Company. Chair. 2,118,509; May 24.
- Heintz, James C., Lakewood, Ohio. Tire rim. 2,124,111; July 19.
- Heintz Manufacturing Company. (See D'Ardenne, Walter H., assignor.)
- Heintz Manufacturing Company. (See Lambert, Albert L., assignor.)
- Heintz, Ralph M., Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Valve cap. 2,104,257; Jan. 4.
- Heintz, Ralph M., Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Direct current relay. 2,133,511; Oct. 18.
- Heintz, Ralph M., Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Valve seat and guide. 2,134,250; Oct. 25.
- Heintz, Ralph M., San Francisco, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Valve gear. 2,126,885; Aug. 16.
- Heinz, Gustav. (See Carter, M. and Heinz.)
- Heinz, Rust, Pasadena, Calif. Vehicle door construction. 2,141,298; Dec. 27.
- Heinze, Charles F., St. Paul, Minn. Internal combustion motor. 2,116,574; May 10.
- Heinze Development Company. (See Heinze, John O., assignor.)
- Heinze, John O., assignor to Heinze Development Company, Detroit, Mich. Engine assembly. 2,117,662; May 17.
- Heinze, William A., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer with clamped packing. 2,116,240; May 3.
- Heinzelmann, Alphonse A., Port Chester, N. Y. Golf game device. 2,118,084; May 24.
- Heinzelmann, Alphonse A., Rockville Centre, assignor to Budalk, Inc., New York, N. Y. Gas controlling device. 2,107,863; Feb. 8.
- Heinze, John, Arickaree, Colo. Combination lock. 2,130,798; Sept. 20.
- Heise, Otto W., Bridgeport, Conn. Pressure gauge. 2,116,628; May 10.
- Heisel, Paul, Gersthofen, near Augsburg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Chlorinating and brominating carbonyl compounds. 2,116,893; May 10.
- Heisey, A. H., and Company. (See von Nessen, Walter, assignor.)
- Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,111,625; Mar. 22.
- Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultrahigh frequency generator. 2,111,626; Mar. 22.



- Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High efficiency oscillator of the Barkhausen type. 2,139,230; Dec. 6.
- Heising, William F., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,107,150; Feb. 1.
- Heitman, Charles E., Jr., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Spot weld recorder. 2,138,790; Nov. 29.
- Heitman, Edward, assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,112,599; Mar. 29.
- Heitman, Edward, assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,114,766; Apr. 19.
- Heitman, Edward, assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,127,732; Aug. 23.
- Heitshu, Daniel C., assignor to J. I. Case Company, Racine, Wis. Planter. 2,134,664; Oct. 25.
- Heitzman, Richard J., assignor of one-fourth to W. E. Ressler, Shamokin, Pa. Safety blasting plug. 2,115,388; Apr. 26.
- Hejduk, František, and J. Neumann, Prague, Czechoslovakia. Multipiston meter. 2,116,265; May 3.
- Hejduk, František, and J. Neumann, Prague, Czechoslovakia. Variable ratio gearing. 2,128,413; Aug. 30.
- Hekner, Joel. (See Buckwalter, T. V., and Hekner.)
- Helber, Eva J., assignor to Brooks Paper Company, St. Louis, Mo. Package. 2,137,398; Nov. 22.
- Helberger, Johann H., Cologne-Mulheim, and H. Ohlen-dorf, Dessau, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,136,300; Nov. 8.
- Helbich, Josef E., Seattle, Wash. Projectile. 2,121,796; June 28.
- Held, Charles, New York, N. Y., assignor, by mesne assignments, to U. S. Slicing Machine Company, La Porte, Ind. Meat slicing machine. 2,121,348; June 21.
- Held, Robert. (See Nereshheimer, H., Held, and Vilsmeier.)
- Held, Roy J., Freeport, Ill. Making bottles. 2,116,199; May 3.
- Helehan, Marie L., Butte, Mont. Lip stencil. 2,117,061; May 10.
- Helfrick, Murray D., North Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacture of formed articles. 2,140,131; Dec. 13.
- Helft, Ernst, Berlin-Halensee, Germany, assignor to American Hyalcol Corporation, Wilmington, Del. Coating compositions. 2,108,768; Feb. 15.
- Helgeby, Ralph O., Flint, assignor to General Motors Corporation, Detroit, Mich. Odometer reset mechanism. 2,131,622; Sept. 27.
- Helgeby, Ralph O., and H. H. Harada, Flint, assignors to General Motors Corporation, Detroit, Mich. Odometer. 2,117,024; May 10.
- Helgerud, John, Minneapolis, Minn. Friction chuck and driver. 2,141,786; Dec. 27.
- Hell, Rudolf, Berlin-Dahlem, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Arrangement for synchronizing of telegraph apparatus. 2,113,429; Apr. 5.
- Hella, Roy P. (See Pascoe, T. A., and Hella.)
- Helland, Neelan D., Milwaukee, Wis. Body protective armor. 2,108,336; Feb. 15.
- Helle, Johann, and A. Kunz, Fuzfo, assignors to Nitro-kémia Ipartelepék Részvénytársaság, Budapest, Hungary. Nitration of starch. 2,112,989; Apr. 5.
- Helle, Johann, and A. Kunz, Fuzfo, assignors to Nitro-kenia Ipartelepék Részvénytársaság, Budapest, Hungary. Removal of acid from nitrated starch. 2,127,360; Aug. 16.
- Heller, George L., Pampa, Tex., and H. M. Wilgus, Mer-rick, N. Y., assignors to General Atlas Carbon Com-pany, Dover, Del. Carbon pigment producing furnace. 2,114,738; Apr. 19.
- Heller, George L., and C. W. Snow, Pampa, Tex., as-signors to General Atlas Carbon Company, Dover, Del. Granular carbon black and manufacture. 2,131,686; Sept. 27.
- Heller, Harold S., assignor to The J. C. Ulmer Company, Cleveland, Ohio. Stapling apparatus. 2,130,129; Sept. 13.
- Heller, Hayes F., Williamsport, assignor of one-half to H. C. Ritter, Jersey Shore, Pa. Exercising device. 2,117,957; May 17.
- Heller, Henry C., Collingdale, Pa., assignor to Baldwin-Southwark Corporation. Compressor. 2,113,691; Apr. 12.
- Heller, Herbert E. (See Evans, C. T., and Heller.)
- Heller, Julius, Vienna, Austria, assignor to The Cleve-land Tractor Company, Cleveland, Ohio. Land vehicle equipped with load shifting devices. 2,109,388; Feb. 22.
- Heller, Lewis W. (See Hardgrove, R. M., Shellenberger, Heller, and Godshalk.)
- Heller, Michael, Brooklyn, N. Y. Goblet. 2,120,862; June 14.
- Heller, Richard D., Boise, Idaho. Trommel. 2,119,676; June 7.
- Heller, Thornton P., Brownsstown, Ind. Mixer. 2,131,513; Sept. 27.
- Hellensen, Leif G., Stockholm, Sweden. Amusement ap-paratus. 2,129,470; Sept. 6.
- Hellige, Inc. (See Pauly, Frank G., assignor.)
- Hellinger, Esther, Rehovoth, Palestine. Foodstuffs, suit-able for chickens and the like. 2,124,820; July 26.
- Helliwell, Guy S. (See Bromley, T. C., and Helliwell.)
- Hellman, Henry F. (See Fuchs, Julius, assignor.)
- Hellmers, Henry D., Westend, Calif. Producing granular borax. 2,115,771; May 3.
- Hellmund, Rudolph E., Swissvale, assignor to Westing-house Electric & Manufacturing Company, East Pitts-burgh, Pa. Automatic temperature control system. 2,134,513; Oct. 25.
- Helmbright, Henry H., Cleveland Heights, Ohio, assignor to General Electric Company. Lamp holder. 2,136,246; Nov. 8.
- Helmer, Robert, Douglaston, assignor to The International Printing Ink Corporation, New York, N. Y. Method and apparatus for drying printing ink. 2,127,956; Aug. 23.
- Helmersen, Adolf K., Astoria, Oreg. Fire alarm. 2,136,740; Nov. 15.
- Helmick, Frederic, Fairmont, W. Va. Furnace grate. 2,116,024; May 3.
- Helmig, Charles F., Pekin, Ill. Machinery carrying trail-er. 2,131,949; Oct. 4.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,104,482; Jan. 4.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,115,912; May 3.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,118,085; May 24.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,118,846; May 31.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,126,326; Aug. 9.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,134,821; Nov. 1.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,134,822; Nov. 1.
- Helmore, William. (See Swan, A., and Helmore.)
- Helmore, William, Cambridge, and A. A. Griffith, South Farnborough, England. Internal combustion engine. 2,137,941; Nov. 22.
- Helms, Rudolph H. (See Kales, W. R., Judd, Huebshman, and Helms.)
- Helmuth, Louis W., Lakewood, Ohio. Sleeping garment. 2,135,286; Nov. 1.
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,120,976; June 21.
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,125,443; Aug. 2.
- Heltne, Laurits P., Volda, Romsdal, Norway. Treatment of dried cassava roots to obtain starch. 2,135,104; Nov. 1.
- Heltzel, John N., Warren, Ohio. Combination traffic line and joint installing machine. 2,112,489; Mar. 29.
- Heltzel, Joseph W., Warren, Ohio. Expansion joint. 2,106,095; Jan. 18.
- Heltzel, Joseph W., Warren, Ohio. Dowel bar and expan-sion joint strip holder. 2,130,953; Sept. 20.
- Heltzel, Joseph W., Warren, Ohio. Expansion joint. 2,133,387; Oct. 18.
- Helwig, Drew M. (See McDonnell, J. S., Jr., and Helwig.)
- Helwig, Drew M., Raspeburg, assignor to The Glenn L. Martin Company. Gunner compartment. Re. 20,771; June 21.
- Helwig, Edward L., Bristol, assignor to Rohm & Haas Company, Philadelphia, Pa. Apparatus for shaping thermoplastic sheets. 2,123,552; July 12.
- Helwig, Edward L., Bristol, assignor to Rohm & Haas Company, Philadelphia, Pa. Window mounting for streamlined vehicles. 2,132,688; Oct. 11.
- Helwig, Walter O., Milwaukee, Wis. Brush for dynamo-electric machines. 2,105,038; Jan. 11.
- Hendree, Charles O., Konawa, Okla. Pick-up rake. 2,136,849; Nov. 15.
- Hemingway, Wilson, Jr., Chicago, Ill., assignor to Elec-trolock Manufacturing Company, Vicksburg, Miss. Starter switch control. 2,104,159; Jan. 4.
- Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Ironing attachment for automatic hosiery drying machines. 2,113,805; Apr. 12.
- Hemmeter, George T. (See Schey, O. W., and Hemmeter.)
- Hemming, Carl H., New Haven, Conn. Handle. 2,129,133; Sept. 6.
- Hemming, Charles E. (See Brundage, M. M., and Hemming.)
- Hemmingsen, Torkild V., Copenhagen, Denmark. Engine speed governor. 2,116,025; May 3.
- Hemmingsen, Orvin, West Union, Iowa. Road and canal for motion picture projectors. 2,116,227; Dec. 18.
- Hempel, Charles H., assignor to Hercules & Chemical Company, Manitowish, Wis. Stripping process. 2,127,169; Aug. 16.
- Hempel, Charles H., Manitowish, Wis., assignor to Hercules & Chemical Company. Adherent aluminum compound. 2,137,988; Nov. 22.



- Hemphill Company. (See Gagné, Augustin, assignor.)  
Hemphill Company. (See Gosling, Herbert E., assignor.)  
Hemphill Company. (See Lawson, Robert H., assignor.)  
Hemphill Company. (See Lawson, R. H., and Cloutier, assignors.)  
Hemphill Company. (See Lawson, R. H., and Gagné, assignors.)  
Hemphill Company. (See Lawson, R. H., and Green, assignors.)  
Hemphill Company. (See Lawson, R. H., Green, and Smith, assignors.)  
Hemphill Company. (See Lawson, R. H., and Jackson, assignors.)  
Hemphill Company. (See Lawson, R. H., and Smith, assignors.)  
Hemphill Company. (See Lawson, R. H., Smith, and Gagné, assignors.)  
Hemphill Company. (See St. Pierre, Eugene, assignor.)  
Hemphill, Robert H., Miami Beach, Fla. Envelope construction. 2,141,084; Dec. 20.  
Henry, Walter I., Hamilton, Mo. Interchangeable sign. 2,106,375; Jan. 25.  
Hemsley, John N. (See Campos, Adolfo J., assignor.)  
Henchert, John, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Side seam for can bodies. 2,112,670; Mar. 29.  
Hendel, Alexander G. (See Hendel, William H. and A. G.)  
Hendel, William H. and A. G., Minneapolis, Minn. Tire pressure measuring device. 2,126,327; Aug. 9.  
Henderich, Fred A., St. Augustine, Fla. Reinforcing bar. 2,113,322; Apr. 5.  
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Structural steel system. 2,114,901; Apr. 19.  
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Structural steel framing. 2,114,902; Apr. 19.  
Henderson, Albert, Edgewood, assignor to W. P. Witherow, Pittsburgh, Pa. Load bearing glazed building block. 2,115,264; Apr. 26.  
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Expanded cement process. 2,119,860; June 7.  
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Apparatus for making concrete articles. 2,131,474; Sept. 27.  
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Building block. 2,131,803; Oct. 4.  
Henderson, Albert F., Middleton, Mass. Necktie guide. 2,123,945; July 19.  
Henderson, Albert J., Hampfield Township, Westmoreland County, Pa., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,107,182; Feb. 1.  
Henderson, Bancroft W., Montclair, N. J. Dairy stall and equipment therefor. 2,110,909; Mar. 15.  
Henderson, Bancroft W., Montclair, N. J. Horn protector. 2,123,603; July 12.  
Henderson, Charles R. (See Lochhead, Elmer C., assignor.)  
Henderson, Clarence S., Batavia, assignor to Acme Steel Company, Chicago, Ill. Metal coil. 2,105,734; Jan. 18.  
Henderson, Donald, Bremerton, Wash. Mechanical movement for motor coasters. 2,117,886; May 17.  
Henderson, Donald, Bremerton, Wash. Wheel chair drive. 2,130,426; Sept. 20.  
Henderson, Douglas. (See McLaughlin, Frank.)  
Henderson, Douglas, Toronto, Ontario, Canada. Closure for tubes or containers. 2,105,118; Jan. 11.  
Henderson, Douglas, Toronto, Ontario, Canada. Container. 2,129,839; Sept. 13.  
Henderson, Fred E., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Core and making a core. 2,110,975; Mar. 15.  
Henderson, Fred E., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coil and making coils. 2,118,924; May 31.  
Henderson, George E., Wilmington, Ohio. Stock watering tank heater. 2,133,388; Oct. 18.  
Henderson, Hugh M., Scunthorpe, England. Electric arc welding. 2,121,693; June 21.  
Henderson, Leonard L., Dayton, Ohio. Ignition system. 2,121,385; June 21.  
Henderson, Levi L., Omaha, Nebr. Combined drapery and shade support. 2,114,141; Apr. 12.  
Henderson, Philip O., assignor of one-third to J. O'Dea and one-third to B. E. Wenger, Washington, D. C. Secondary air control for furnaces. 2,133,026; Oct. 11.  
Henderson, Robert D., New York, N. Y. Steering coupling for trailer vehicles. 2,124,947; July 26.  
Henderson, Robert R. (See McCanless, W. A., and Henderson.)  
Henderson, Samuel J., assignor to Electric Service Supplies Company, Philadelphia, Pa. Cabinet door latch. 2,130,302; Sept. 13.  
Henderson, Thomas, Spartanburg, S. C., assignor to Draper Corporation, Hopedale, Mass. Temple roll. 2,123,726; July 12.  
Henderson, Thomas M., Toronto, Ontario, Canada. Wrench. 2,116,743; May 10.  
Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Venetian blind ladder-web roll construction. 2,134,918; Nov. 1.  
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Radiator cleaning composition. 2,104,385; Jan. 4.  
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Solvent refining oil. 2,128,029; Aug. 23.  
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Recovering sodium naphthenates from petroleum hydrocarbons. 2,133,094; Oct. 11.  
Hendrey, Waldersee B., and L. W. Cook, Beacon, assignors to The Texas Company, New York, N. Y. Solvent refining of oil. 2,141,605; Dec. 27.  
Hendrich, Max W., New York, N. Y. Window shade control device. 2,126,013; Aug. 9.  
Hendrick, Harve H. (See Walters, A. L., and Hendrick.)  
Hendrick, Hobart J., Hamden, assignor to The H. B. Ives Company, New Haven, Conn. Casement window operator. 2,128,483; Aug. 30.  
Hendrick Manufacturing Company. (See Blackburn, Daniel M., assignor.)  
Hendrick, Robert W., Newtonville, Mass. Automobile carrier for lengthy articles. 2,106,503; Jan. 25.  
Hendricks, Allan B., Jr., Pittsfield, Mass., assignor to General Electric Company. Transformer. 2,114,186; Apr. 12.  
Hendricks Research Corporation. (See Lyons, Willard E., assignor.)  
Hendricks, William E., Denver, Colo. Power converting mechanism. Re. 20,729; May 17.  
Hendrickson, Fritz E., Minneapolis, assignor of one-half to M. Ireland, St. Paul, Minn. Buffing wheel. 2,122,609; July 5.  
Hendrickson, James M., McKeesport, Pa. Electric switch. 2,125,049; July 26.  
Hendrickson Motor Truck Co. (See Hendrickson, Robert T., assignor.)  
Hendrickson, Robert T., Chicago, Ill. Motor vehicle. 2,111,184; Mar. 15.  
Hendrickson, Robert T., assignor to Hendrickson Motor Truck Co., Chicago, Ill. Motor vehicle. 2,112,811; Mar. 29.  
Hendriex, Sergius. (See Schuller, A., Tritsmans, and Hendriex.)  
Hendrie, George S., assignor to Detroit Macoid Corporation, Detroit, Mich. Dipping apparatus. 2,112,600; Mar. 29.  
Hendriksen, Henry O., Brooklyn, N. Y. Weather guard. 2,134,477; Oct. 25.  
Hendrix, Andrew T., Knoxville, Tenn. Vibrated conveyor feeder. 2,129,688; Sept. 13.  
Hendwell Burner Corporation. (See Caldwell, Henry C., assignor.)  
Henecka, Hans, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, New York, N. Y. Derivatives of para-phenanthroline and manufacture thereof. 2,112,961; Apr. 5.  
Henecka, Hans, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. 2,2'-Dimethyl-4,4'-dihydroxy-para-phenanthroline and manufacture thereof. 2,140,318; Dec. 13.  
Henel, Lester G. (See Brooks, K. S., and Henel.)  
Hengel, Karl, Berlin, Germany. Adjusting device, in particular electrical condenser. 2,104,160; Jan. 4.  
Hengler, Erich. (See Reitz, H., Hengler, and Büttgenhaus.)  
Henke, Clyde O., Wilmington, Del., and H. M. Parmelee, Salem, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating higher aliphatic alcohols from aqueous emulsions. 2,104,803; Jan. 11.  
Henke, Clyde O., Wilmington, Del., and R. G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of alpha-nitronaphthalene. 2,105,321; Jan. 11.  
Henke, Clyde O., Wilmington, Del., and G. Etzel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing camphene. 2,129,323; Sept. 6.  
Henke, Clyde O., Wilmington, Del., and R. G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of mono nitrated alkyl benzenes. 2,131,734; Oct. 4.  
Henke, Hermann, assignor to G. Siebert Gesellschaft mit beschränkter Haftung, Hanau-on-the-Main, Germany. Electrically heated furnace. 2,140,228; Dec. 13.  
Henkel & Cie G. m. b. H. (See Colonius, H., and Weldes, assignors.)  
Henkel & Cie G. m. b. H. (See Hentrich, W., and Reuss, assignors.)  
Henkel & Cie G. m. b. H. (See Lind, Otto, assignor.)  
Henkel & Cie G. m. b. H. (See Rosenhauer, Erich, assignor.)  
Henkel & Cie. Gesellschaft mit beschränkter Haftung. (See Pape, L. F. W., and Umbach, assignors.)  
Henkel, Erich. (See Williams, A., Mourné, and Henkel.)  
Henken, Bartholdi, Chicago, Ill. Bumper. 2,119,434; May 31.  
Henkes, Peter M. (See Gorton, G., Henkes, and Steinbrecker.)  
Henkes, Peter M., assignor to George Gorton Machine Company, Racine, Wis. Machine tool of the sensitive table type. 2,111,471; Mar. 15.  
Henkes, Peter M., assignor to George Gorton Machine Company, Racine, Wis. Engraving and allied machine. 2,128,611; Aug. 30.



- Henley Extrusion Machine Company Limited. (See Dunsheath, Percy, assignor.)
- Henley, Harry F., Richmond, Ind. Grappling tongs. 2,104,302; Jan. 4.
- Henley's, W. T., Telegraph Works Company Limited. (See Dunsheath, Percy, assignor.)
- Henley's, W. T., Telegraph Works Company Limited. (See Hoban, Hugh C.)
- Henn, Ralph F., Geneva, Ohio. Mop. 2,112,158; Mar. 22.
- Henn, Ralph F., Geneva, Ohio. Display mounting for mops. 2,119,709; June 7.
- Henne, Albert L. (See Midgley, T., Jr., Henne, and McNary.)
- Henne, Albert L., Columbus, assignor to General Motors Corporation, Dayton, Ohio. Halide detector. 2,136,741; Nov. 15.
- Hennecke, Earle V., deceased, Flushing, N. Y.; M. B. Hennecke, administratrix, assignor to Automotive Equipment, Inc. Suction motor. 2,125,262; July 26.
- Hennecke, Margaret B., administratrix. (See Hennecke, Earle V.)
- Henneke, Frederick C., Richmond Hill, and Adam Berk, Ridgewood, N. Y. Pinking machine. 2,120,329; June 14.
- Henneke, Carl, Magdeburg, Germany. Device for transporting rail vehicles on land. 2,109,996; Mar. 1.
- Hennessy, Carroll A. (See Thomas, N. M., and Hennessy.)
- Hennessy, James J., Montclair, N. J. Lubricator drain. 2,105,649; Jan. 18.
- Hennessy, James J., Montclair, N. J. Journal lubricator. 2,123,946; July 19.
- Hennessy, James J., New York, N. Y. Journal wiping means. 2,107,413; Feb. 8.
- Hennessy, James J., New York, N. Y. Railway journal lubricator. 2,107,414; Feb. 8.
- Hennessy, Mark M., assignor to Durant Manufacturing Company, Milwaukee, Wis. Registering device. 2,127,295; Aug. 16.
- Hennessy, Mark M., assignor to Durant Manufacturing Company, Milwaukee, Wis. Counter. 2,140,839; Dec. 20.
- Hennessy, Mary C., New York, N. Y. Garment. 2,124,193; July 19.
- Henney, Charles F. (See Alexander, D. F., Henney, and Paulus.)
- Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating method and apparatus. 2,122,140; June 28.
- Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,994; Sept. 20.
- Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,995; Sept. 20.
- Henney Motor Company. (See Richter, E., and Schofield, assignors.)
- Henney Motor Company. (See Schofield, Earl L., assignor.)
- Hennicke, Carl R., Cleveland Heights, Ohio, assignor to The Eastern Malleable Iron Company, Naugatuck, Conn. Trailer coupling. 2,125,611; Aug. 2.
- Henning, Georg, Chem. pharm. Werk G. m. b. H. (See Brederick, Hellmut, assignor.)
- Henning, Larry M., Columbus, Ohio. Ash removing device. 2,110,798; Mar. 8.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Adjustable control switch. 2,111,856; Mar. 22.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Automatic control switch. 2,114,739; Apr. 19.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Automatic switch with defrost and quick freeze adjustments. 2,114,740; Apr. 19.
- Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Automatic switch with positive defrost and quick freeze adjustments. 2,131,282; Sept. 27.
- Henning, William, Peru, Nebr. Dental tool. 2,107,791; Feb. 8.
- Henninger, Andrew F., Jr., Chicago, Ill. Negative glow display. 2,108,487; Feb. 15.
- Henninger, Arthur H., Floral Park, assignor to General Chemical Company, New York, N. Y. Manufacture of calcium arsenate. 2,122,861; July 5.
- Hennion, George F. (See Nieuwland, J. A., Hennion, and Kilian.)
- Henrich, Frank E., Lennox, S. Dak. Card and pamphlet holder. 2,105,594; Jan. 18.
- Henrichsen, Knut, Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Retractable landing gear. 2,116,395; May 3.
- Henrickson, Gust A., assignor to one-half to C. O. Rydholm, Cleveland, Ohio. Hatch fastener. 2,121,386; June 21.
- Henrietta, George H., Torrington, Conn. Register. 2,130,130; Sept. 13.
- Henriksen, Alfred. (See Lincoln, B. H., and Henriksen.)
- Henriksen, Alfred. (See Lincoln, B. H., Steiner, and Henriksen.)
- Henriksen, Ellen M., administratrix. (See Lincoln, B. H., and Henriksen.)
- Henriques, Hilary J. (See McKittrick, D. S., and Henriques.)
- Henriquez, Vivian C., and B. D. H. Tellegen, Eindhoven, Netherlands, assignors to Radio Corporation of America. Interference elimination. 2,125,723; Aug. 2.
- Henrite Products Corporation. (See Loftis, Homer J., assignor.)
- Henroteau, Francois C. P., assignor to Electronic Television Company, Limited, Ottawa, Ontario, Canada. Television method and apparatus. 2,104,862; Jan. 11.
- Henry, Alphonse, assignor to The Hamilton Caster and Manufacturing Company, Hamilton, Ohio. Tractor wheel. 2,106,135; Jan. 18.
- Henry, Beulah L., New York, N. Y. Feeding and aligning device. 2,138,491; Nov. 29.
- Henry, Charles P., Cranston, assignor to J. N. Henry, Providence, R. I. Curtain support. 2,110,598; Mar. 8.
- Henry, Donald E. (See Rentschler, H. C., and Henry.)
- Henry, Eugene E., Upper Darby, assignor to The J. G. Brill Company, Philadelphia, Pa. Universal tool holder. 2,106,525; Jan. 25.
- Henry, Fred B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Foundry sand conditioning apparatus. 2,132,163; Oct. 4.
- Henry, Fred B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Foundry sand conditioning apparatus. 2,132,164; Oct. 4.
- Henry, Fred B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Foundry sand conditioning apparatus. 2,132,165; Oct. 4.
- Henry, George W., Jr., assignor to Soabar Company, Philadelphia, Pa. Ticket printing machine. 2,104,647; Jan. 4.
- Henry, George W., Jr., assignor to Soabar Company, Philadelphia, Pa. Reprinter. 2,109,389; Feb. 22.
- Henry, Harry H., Chicago, Ill., assignor, by mesne assignments, to U S L Battery Corporation, Niagara Falls, N. Y. Grid pasting machine. 2,107,733; Feb. 8.
- Henry, James M. (See Anderson, W. T., and Henry.)
- Henry, James N. (See Henry, Charles P., assignor.)
- Henry, Nelson B., Columbus, Ga. Combination seed cotton cleaner-drier. 2,105,786; Jan. 18.
- Henry, Pierre, Geneva, assignor to Mefina S. A., Binningen, Switzerland. Projectile fuse. 2,138,234; Nov. 29.
- Henry, René A., Brussels, Belgium. Apparatus for getting into solution or suspension in a water current a determined and regulatable amount of materials in a mobile, fine, or powdery condition. 2,110,298; Mar. 8.
- Henry, Seth, et al. (See Bear, Albert B., assignor.)
- Henry, Thomas J., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America. Electrode assembly. 2,108,533; Feb. 15.
- Henschel Flugzeug-Werk A. G. (See Oeckl, Otto, assignor.)
- Henschell, Ferdinand A., Vancouver, British Columbia, Canada, assignor to Rapid Mfg. Co., Inc., Seattle, Wash. Grater. 2,110,799; Mar. 8.
- Hensel, Bernhard. (See Richter, J., Hansel and Hess.)
- Hensel, Bernhard, K. Hess, and J. Richter, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,114,346; Apr. 19.
- Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contactor element. 2,124,974; July 26.
- Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys. 2,127,117; Aug. 16.
- Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Refractory metal composition. 2,131,994; Oct. 4.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper base alloys. 2,123,628; July 12.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Alloy. 2,123,629; July 12.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-silver beryllium-magnesium alloy. 2,126,386; Aug. 9.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-silver alloys. 2,126,633; Aug. 9.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Alloy. 2,127,596; Aug. 23.
- Hensel, Franz R., and E. I. Larsen, Indianapolis, Ind., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Article of manufacture. 2,128,089; Aug. 23.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,130,737; Sept. 20.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,130,738; Sept. 20.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-zinc-manganese alloy. 2,130,996; Sept. 20.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-silver beryllium-manganese alloy. 2,131,104; Sept. 27.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Pressure exerting electrode. 2,131,179; Sept. 27.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,135,254; Nov. 1.



- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper base alloy. 2,135,336; Nov. 1.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,136,211; Nov. 8.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys. 2,136,212; Nov. 8.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-uranium alloys. 2,136,548; Nov. 15.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-uranium alloys. 2,136,549; Nov. 15.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys. 2,136,918; Nov. 15.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys of improved characteristics. 2,136,919; Nov. 15.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys. 2,137,281; Nov. 22.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys. 2,137,282; Nov. 22.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys. 2,137,283; Nov. 22.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys. 2,137,284; Nov. 22.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloys. 2,137,285; Nov. 22.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,139,497; Dec. 6.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Soldering iron tip. 2,140,910; Dec. 20.
- Hensel, Henry A., Milwaukee, Wis., assignor to The Visking Corporation, Chicago, Ill. Closing sausage casings. 2,114,077; Apr. 12.
- Henshaw, Gilbert X., Kansas City, Mo. Apparatus for re-refining oil. 2,113,841; Apr. 12.
- Hensler, Bernard A., and C. L. Peters, assignors to Siemens Brothers & Company Limited, London, England. Telephone system. 2,110,910; Mar. 15.
- Hensler, Elmore T., and H. W. McKenzie, Seattle, Wash. Watch and jewelry cleaning machine. 2,141,713; Dec. 27.
- Hensley, Guy P., Gustine, Calif. Can testing device. 2,106,407; Jan. 25.
- Henzey, Roy O., H. Buehler, and P. Smart, assignors to Carnation Company, Oconomowoc, Wis. Process of and apparatus for detecting solder pellets in cans. 2,112,621; Mar. 29.
- Hentrich, Winfrid, Erlangen, H. Keppler, Leverkusen, and H. Holsten, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treatment of fibrous materials and of preparations therefor. 2,122,981; July 5.
- Hentrich, Winfrid, Dusseldorf-Reisholz, and W. Reuss, Dusseldorf-Benrath, assignors to Henkel & Cie G. m. b. H., Dusseldorf-Holthausen, Germany. Cleaning composition and method. 2,132,511; Oct. 11.
- Hentrich, Winfrid, Dusseldorf-Reisholz, and C. A. Linauf, Dusseldorf, assignors to Henkel & Cie. G. m. b. H., Dusseldorf-Holthausen, Germany. Composition for treating leather, lacquered surfaces, and other materials. 2,139,231; Dec. 6.
- Henwood, Harold, Centerville, Ind. Arbor attachment for lathes. 2,120,782; June 14.
- Henwood, Lloyd S., Merchantville, assignor to C. Howard Hunt Pen Company, Camden, N. J. Manufacturing pen points. 2,121,541; June 21.
- Henze, Joseph J., Detroit, Mich. Crate. 2,134,875; Nov. 1.
- Henzi, Ernst A. (See Mayer, P., and Henzi.)
- Hepke, William C., assignor to Thomas M. Royal & Co., Philadelphia, Pa. Paper-bag machine attachment. 2,106,740; Feb. 1.
- Hepke, William C., assignor to Thomas M. Royal & Co., Philadelphia, Pa. Paper-bag-machine attachment. 2,107,249; Feb. 1.
- Hepler, Edward W., Springdale, Pa. Rotary pump. 2,106,600; Jan. 25.
- Hepp, Harold J. (See Frey, F. E., and Hepp.)
- Hepp, Harold J. (See Snow, R. D., and Hepp.)
- Heppner, George J., San Francisco, and E. F. Chase, Auburn, Calif. Steering mechanism. 2,140,319; Dec. 13.
- Heppner, George Q., Oldenburg, Ind. Weeding machine. 2,114,563; Apr. 19.
- Heppner, George Q., Oldenburg, Ind. Agricultural implement. 2,124,919; July 26.
- Heppner, John W. K., assignor to Louis Marx & Company, New York, N. Y. Toy machine gun. 2,122,467; July 5.
- Heraeus-Vacuumschmelze Aktiengesellschaft. (See Hesenbruch, Werner, assignor.)
- Heraeus-Vacuumschmelze A. G. (See Hiemenz, Hans, assignor.)
- Heraeus-Vacuumschmelze Aktiengesellschaft. (See Rohn, Wilhelm, assignor.)
- Heraeus, W. C., G. m. b. H. (See Brüning, H., and Schüller, assignors.)
- Heraeus, W. C., Gesellschaft mit beschränkter Haftung. (See Feussner, O., and Jedele, assignors.)
- Herbeck, Charles J., Cedar Rapids, Iowa, assignor to The Air Preheater Corporation, New York, N. Y. Air preheater. 2,122,176; June 28.
- Herbelin, Francis J., Galveston, Tex. Cotton bale cover holder. 2,127,118; Aug. 16.
- Herbener, Henry M., Thomasville Ga. Garter, girdle, brassière or like garment. 2,136,742; Nov. 15.
- Herbert, A. C., et al. (See Stevens, Charles D., assignor.)
- Herbert, Joseph F., Audubon, N. J. Bushing remover. 2,106,741; Feb. 1.
- Herbst, Thomas R., Jr., Pittsburgh, Pa. Mesh jetty. 2,135,337; Nov. 1.
- Herbst, Thomas R., Jr., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Partition structure and lathing therefor. 2,139,749; Dec. 13.
- Herbig Haarhaus Aktiengesellschaft. (See Conrad, Werner, assignor.)
- Herbig, Henry F., assignor to Signaphone Corporation of America, New York, N. Y. Reflector. 2,137,286; Nov. 22.
- Herbst, John A., River Vale, N. J., assignor to The Tele-register Corporation, New York, N. Y. Coding and decoding apparatus. 2,127,733; Aug. 23.
- Herbst, John E., assignor to The Maytag Company, Newton, Iowa. Torque block and wear compensating device. 2,141,066; Dec. 20.
- Herbst, Philip J., Merchantville, N. J., assignor to Radio Corporation of America. Television distribution. 2,135,577; Nov. 8.
- Herbst, Philip J., Merchantville, R. H. Heacock, Oaklyn, and P. G. Bindloss, Audubon, N. J., assignors to Radio Corporation of America. Attenuator. 2,125,612; Aug. 2.
- Herbster, George, Cleveland, Ohio. Door operating device. 2,123,349; July 19.
- Herbster, George, Cleveland, and J. Becvar, Wickliffe, assignors to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Air heating and conditioning unit. 2,129,059; Sept. 6.
- Hercules Motors Corporation. (See Latta, David W., assignor.)
- Hercules Powder Company. (See Bennett, James L., assignor.)
- Hercules Powder Company. (See Bent, Leavitt N., assignor.)
- Hercules Powder Company. (See Billing, Wylly M., assignor.)
- Hercules Powder Company. (See Bishop, William T., assignor.)
- Hercules Powder Company. (See Borglin, Joseph N., assignor.)
- Hercules Powder Company. (See Bowlby, Walter D., assignor.)
- Hercules Powder Company. (See Cairns, Robert W., assignor.)
- Hercules Powder Company. (See Clare, Irwin C., assignor.)
- Hercules Powder Company. (See Cox, Richard F. B., assignor.)
- Hercules Powder Company. (See Crater, Willard D., assignor.)
- Hercules Powder Company. (See Dickerman, Louis A., assignor.)
- Hercules Powder Company. (See Dreshfield, A. C., and Johnstone, assignors.)
- Hercules Powder Company. (See Fisher, Lloyd H., assignor.)
- Hercules Powder Company. (See Gloor, Walter E., assignor.)
- Hercules Powder Company. (See Hanley, Edward J., assignor.)
- Hercules Powder Company. (See Hofmann, Rudolf, assignor.)
- Hercules Powder Company. (See Hollabaugh, Cleveland B., assignor.)
- Hercules Powder Company. (See Humphrey, Irvin W., assignor.)
- Hercules Powder Company. (See Hunt, William C., assignor.)
- Hercules Powder Company. (See Lane, Fred H., assignor.)
- Hercules Powder Company. (See Lister, Donald A., assignor.)
- Hercules Powder Company. (See Littmann, Edwin R., assignor.)
- Hercules Powder Company. (See Lorand, Eugene J., assignor.)
- Hercules Powder Company. (See Marsh, Henry N., assignor.)
- Hercules Powder Company. (See Maters, Cornelis, assignor.)
- Hercules Powder Company. (See Meinel, Karl, assignor.)
- Hercules Powder Company. (See Milliken, Mahlon G., assignor.)
- Hercules Powder Company. (See Moore, Malcolm C., assignor.)
- Hercules Powder Company. (See Nice, Milo A., assignor.)



- Hercules Powder Company. (See Ott, Emil, assignor.)  
Hercules Powder Company. (See Peterson, Ernest G., assignor.)  
Hercules Powder Company. (See Peterson, John M., assignor.)  
Hercules Powder Company. (See Rankin, Lanning P., assignor.)  
Hercules Powder Company. (See Ray, Philip A., assignor.)  
Hercules Powder Company. (See Reid, Ebenezer E., assignor.)  
Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)  
Hercules Powder Company. (See Schnorf, Paul, assignor.)  
Hercules Powder Company. (See Shankweiler, Fred K., assignor.)  
Hercules Powder Company. (See Spurlin, Harold M., assignor.)  
Hercules Powder Company. (See Stuart, Joseph, II, assignor.)  
Hercules Powder Company. (See Troxler, Bernhart, assignor.)  
Hercules Powder Company. (See Wiggam, David R., assignor.)  
Herdieckhoff, Ernst, Opladen, near Cologne, and E. Tschunkur, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Heterocyclic hydroxy compounds. 2,108,712; Feb. 15.  
Herdlein, John B., assignor to Ice Cooling Appliance Corporation, Morrison, Ill. Ice grid for refrigerators. 2,134,085; Oct. 25.  
Hereford, Pearl J., Huntington, W. Va. Matrix drier. 2,105,973; Jan. 18.  
Heresite & Chemical Company. (See Hempel, Charles H., assignor.)  
Herf-Jones Co. (See Foster, Tony E., assignor.)  
Herfurth, Charles, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,142,028; Dec. 27.  
Herge, Frank, Malinta, Ohio. Power driven lawn mower. 2,133,512; Oct. 18.  
Hergenrader, Philip. (See Amos, A. G., McGrew, and Hergenrader.)  
Herger, Rudolph. (See Speckhart, S. J., and Herger.)  
Hergott, Albert, Waterloo, Ontario, Canada. Foam control cooler for beverages. 2,136,973; Nov. 15.  
Hergpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Woodworking tool. 2,123,627; July 12.  
Hering, Donald, South Gate, and C. H. Beattie, Jr., Covina, Calif., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Core orientation apparatus. 2,105,650; Jan. 18.  
Hering, Ewald, Berlin-Siemensstadt, Germany. Transmission mechanism. 2,136,049; Nov. 8.  
Heritage, Clark C., Rumford, Maine, assignor to Oxford Paper Company, Bleaching pulp or paper webs. 2,125,634; Aug. 2.  
Herkert, Leo M. (See Korvec, Edward A., assignor.)  
Herman, Alexander, Berlin, Germany. Watercraft. 2,120,591; June 14.  
Herman, Fred A., Chicago, Ill. Spring web seat construction. 2,118,974; May 31.  
Herman, Roy, et al. (See Klein, Benjamin, assignor.)  
Herman, William F., Providence, R. I. Plug socket construction. 2,138,919; Dec. 6.  
Herman, Henry, Baltimore, Md., assignor, by mesne assignments, to Owens-Illinois Can Company, Wilmington, Del. Apparatus for inserting pintles in box parts. 2,125,834; Aug. 2.  
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Electric circuit interrupting device. 2,118,646; May 24.  
Hermann, Benjamin R., Lanesboro, Mass., assignor to General Electric Company. Electric fuse device. 2,128,145; Aug. 23.  
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Fuse device. 2,133,139; Oct. 11.  
Hermann, Benjamin R., Pittsfield, Mass., assignor to General Electric Company. Electric switch. 2,119,388; May 31.  
Hermann, Henry, Myrtle Point, Oreg. Swivel. 2,141,865; Dec. 27.  
Hermann, Le Roy N., Bismarck, N. Dak. Thermostatically controlled faucet unit. 2,132,689; Oct. 11.  
Hermann, Theodor. (See Stötter, H., and Hermann.)  
Hermann, Willy O., and W. Hachnel, assignors, by mesne assignments, to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany. Combinations of polymerized vinyl compounds and waxes. 2,127,381; Aug. 16.  
Hermanson, John H., Brooklyn, N. Y. Apparatus for effecting the escape of persons from sunken vessels. 2,116,200; May 3.  
Hermanson, William A., Roxbury, Mass. Packing food stuffs. 2,127,029; Aug. 16.  
Hermitte, Louis, assignor to Société Ratennu, Paris, France. Furnace burner. 2,127,172; Aug. 16.  
Hermson, John H., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Football shoe. 2,107,007; Feb. 8.  
Hernandez, Jose A. G. (See Culmell, T. S., and Hernandez.)  
Herndon, Chester C. (See Griffey, L. J., and Herndon.)  
Herndon, William T., assignor of one-third to E. M. Blackwood and one-third to T. McInnis, Fayetteville, N. C. Wave motor. 2,109,173; Feb. 22.  
Hernlund, John W., Western Springs, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,117,165; May 10.  
Herold, Edward W., Bloomfield, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,139,366; Dec. 6.  
Herold, Edward W., Verona, N. J., assignor to Radio Corporation of America. Frequency converter. 2,141,750; Dec. 27.  
Herold, Lawrence C., Lakewood, Ohio. Making brushes. 2,136,103; Nov. 8.  
Herold, Paul, and W. Wustrow, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovering trimethylamine. 2,118,674; May 24.  
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Compensating wheeled structure. Re. 20,884; Oct. 18.  
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Chair iron. 2,106,174; Jan. 25.  
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Posture chair. 2,110,874; Mar. 15.  
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,111,561; Mar. 22.  
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,125,292; Aug. 2.  
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,129,579; Sept. 6.  
Herout, Henry. (See Rumore, Joseph A., assignor.)  
Herpich, Carl, Berlin-Charlottenburg, Germany. Traveling or like rug. 2,105,787; Jan. 18.  
Herr, Benjamin G., Indianapolis, Ind. Corn fodder shocker. 2,113,271; Apr. 5.  
Herr, Franz, Luneburg, assignor, by mesne assignments, to Niederrheinische Maschinenfabrik Becker & Van Hüllen, Krefeld - Uerdingen - on the Rhine, Germany. Press for connecting veneer or similar strips. 2,129,276; Sept. 6.  
Herr, Harvey E., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Flier for spinning machines. 2,119,582; June 7.  
Herr, Harvey E., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Spinning ring and traveler therefor. 2,141,472; Dec. 27.  
Herr Manufacturing Company. (See Fillinger, Charles, assignor.)  
Herr Manufacturing Company. (See Herr, Harvey E., assignor.)  
Herreshoff, Alexander G. (See Breer, C., Herreshoff, Clark, and Cadwallader.)  
Herreshoff, Alexander G., Grosse Pointe Village, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,123,335; July 12.  
Herrett, Wilbert A., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Anthraquinone compounds and their preparation. 2,122,882; July 5.  
Herrett, Wilbert A., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Insoluble anthraquinone compounds in concentrated form. 2,131,419; Sept. 27.  
Herrick, Henry N. (See Lynton, E. D., and Herrick.)  
Herrick, Henry N., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Correlating subsurface strata. 2,104,743; Jan. 11.  
Herrin, Charles W., Kansas City, Mo. Automatic separator. 2,127,256; Aug. 16.  
Herrington, Arthur W., assignor to Marmen-Herrington Company, Inc., Indianapolis, Ind. Combat vehicle. 2,105,917; Jan. 18.  
Herrington, Arthur W., assignor to Marmen-Herrington Company, Inc., Indianapolis, Ind. 4-wheel drive vehicle. 2,105,918; Jan. 18.  
Herrington, Arthur W., assignor to Marmen-Herrington Company, Inc., Indianapolis, Ind. Multiaxle drive vehicle. 2,107,072; Feb. 1.  
Herrington, Arthur W., assignor to Marmen-Herrington Company, Inc., Indianapolis, Ind. Motor vehicle drive steering wheel axle structure. 2,107,073; Feb. 1.  
Herrington, Arthur W., assignor to Marmen-Herrington Company, Inc., Indianapolis, Ind. Tractor. 2,113,545; Apr. 5.  
Herrle, Henry, New Orleans, La. Waistband fastener for undergarments. 2,105,417; Jan. 11.  
Herrlein, Fritz. (See Kracker, H., and Herrlein.)  
Herrlinger, Fritz, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Plastic fluid turbine packing. 2,135,304; Nov. 1.  
Herrlinger, Richard. (See Jansen, A. O., and Herrlinger.)  
Herrmann, Carl, assignor to the firm of Carl Zeiss, Jena, Germany. Polarization device for cameras. 2,134,297; July 10.  
Herrmann, Carl V., Cleveland, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Heat exchange catalytic converter. 2,127,561; Aug. 23.  
Herrmann, Charles S., Morristown, and F. J. Orr, Newark, N. J., assignors to American Telephone and Telegraph Company. Ladder holder. 2,134,823; Nov. 1.



- Herrmann, Karl L., assignor to The Bantam Ball Company, South Bend, Ind. Roller aligner. 2,138,601; Nov. 29.
- Herrmann-Möller, Rudolf, Leipzig-Leutzsch, Germany. Hand drill. 2,114,668; Apr. 19.
- Herrmann, Otto, Wiesbaden, and P. Müller, Wiesbaden-Sonneberg, assignors to Kalle & Co., Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Roll of adhesive strip. 2,119,163; May 31.
- Herrmann, Peter, East Orange, N. J. Self-closing valve. 2,108,534; Feb. 15.
- Herrmann, Werner, Finkenkrug, Germany, assignor to Radio Patents Corporation, New York, N. Y. Electrolytic condenser. 2,120,426; June 14.
- Herrmann, William, Chicago, Ill. Ventilated toilet bowl. 2,122,687; July 5.
- Herrmann, Willy O., Munich, Germany, assignor to Alfred Van Raap, Amsterdam, Netherlands. Gramophone record. 2,124,701; July 26.
- Herrmann, Willy O., Deisenhofen, assignor to Chemische Forschungsgesellschaft m. b. H., Munich, Germany. Laminated glass. 2,135,075; Nov. 1.
- Herrmann, Willy O., and W. Haehnel, Munich, and H. Berg, Burghausen, assignors, by mesne assignments, to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany. Production of polymerized vinyl alcohol. 2,109,883; Mar. 1.
- Herrmann, Willy O., Deisenhofen, and W. Haehnel, assignors to Chemische Forschungsgesellschaft m. b. H., Munich, Germany. Polymerized vinyl compounds. 2,125,374; Aug. 2.
- Herron, Albert E., Cleveland, Ohio, assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Frozen comestible package. 2,121,564; June 21.
- Herron, Ollie L., Chicago, Ill., and W. J. Hall, Detroit, Mich., assignors to Herron-Zimmers Moulding Co. Vehicle roof. 2,115,224; Apr. 26.
- Herron, Wingo, Augusta, Ga. Lug strap support. 2,140,675; Dec. 20.
- Herron-Zimmers Moulding Company. (See Crowe, Orley J., assignor.)
- Herron-Zimmers Moulding Co. (See Hall, William J., assignor.)
- Herron-Zimmers Moulding Co. (See Herron, O. L., and Hall, assignors.)
- Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone control circuit. 2,112,366; Mar. 29.
- Hersberger, Albert, Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and apparatus for the production of cellulosic structures. 2,138,578; Nov. 29.
- Hershey, Herbert T., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Stripper for drum driers. 2,117,958; May 17.
- Hershey, J. S., Baking Company. (See Hershey, John C., assignor.)
- Hershey, John C., assignor to J. S. Hershey Baking Company, York, Pa. Package for food products. 2,138,005; Nov. 29.
- Hershman, Okla. H., Indianapolis, Ind. Signal. 2,113,759; Apr. 12.
- Hershman, Paul R., Chicago, Ill., assignor to Oakite Products, Inc., New York, N. Y. Hypochlorite composition. 2,121,501; June 21.
- Hersinohd, Ilie, Berlin, Germany. Multicolor pencil. 2,130,011; Sept. 13.
- Herskind, Carl C. (See Sabbah, C. A., and Herskind.)
- Herskind, Carl C., Scotia, N. Y., assignor to General Electric Company. Electric valve converting system. 2,120,097; June 7.
- Hertel, Richard K., Vernon, assignor to Byron-Jackson Co., Los Angeles, Calif. Elevator latch. 2,105,077; Jan. 11.
- Herter, John R. (See Le Gloahac, V. C. E., and Herter.)
- Herthel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Dewaxing petroleum oils. 2,132,108; Oct. 4.
- Hertlein, Carl J., assignor of one-half to F. Fuchs, Brooklyn, N. Y. Grinding machine. 2,118,304; May 24.
- Hertlein, Carl J., assignor of one-half to F. Fuchs, Brooklyn, N. Y. Adjustable work bed. 2,141,751; Dec. 27.
- Hertzberg, Harry, Brooklyn, N. Y. Light dimming fixture. 2,117,608; May 17.
- Hertzberg, Harry, assignor to Hertzberg Patents, Inc., New York, N. Y. Clip brush. 2,112,195; Mar. 22.
- Hertzberg, Harry, assignor to Hertzberg Patents, Inc., New York, N. Y. Brush-comb. 2,123,043; July 5.
- Hertzberg, Harry, assignor to Hertzberg Patents, Inc., New York, N. Y. Multiple unit brush. 2,123,044; July 5.
- Hertzberg, Harry, assignor to Hertzberg Patents, Inc., New York, N. Y. Kitchen implement. 2,123,947; July 19.
- Hertzberg Patents, Inc. (See Hertzberg, Harry, assignor.)
- Herzig, Albert C., Memphis, Tenn. Held wire reminder for telephones. 2,106,912; Feb. 1.
- Herzig, Gustav, Maplewood, N. J., assignor to Atlas Specialty Co., Vibrationproof lamp. 2,116,575; May 10.
- Herzig, Alvin J., Detroit, Mich., assignor to Climax Molybdenum Company. High speed alloy steel. 2,109,746; Mar. 1.
- Herzig, Leonard A., Brooklyn, assignor to Conquest Alliance Co., Inc., New York, N. Y. Portable cabinet for combination radio, phonograph, and microphone. 2,124,194; July 19.
- Heslep, Clarence O., Peterstown, W. Va. Differential bearing for trucks. 2,129,580; Sept. 6.
- Hesmer, Albert J. (See Crosthwait, D. N., Jr., Hesmer, and Brennan.)
- Hess, Alfred I. (See Crouch, W. W., and Hess.)
- Hess & Cie. (See Honegger, Walter, assignor.)
- Hess, Claude I., Detroit, Mich. Stud setter. 2,105,788; Jan. 18.
- Hess, Fred., assignor to The Selas Company, Philadelphia, Pa. Gas burning apparatus. 2,105,533; Jan. 18.
- Hess, Frederick P. (See Braun, S., and Hess.)
- Hess, Fritz, K. Hager, and W. Pense, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Fast brown leather dyestuffs and preparing them. 2,107,941; Feb. 8.
- Hess, Harry A., assignor of one-half to E. Foss, Elcho, Wis. Battery terminal and post. 2,109,424; Feb. 22.
- Hess, Heinrich O., assignor to Aktiengesellschaft Joh. Jacob Rieter & Cie., Winterthur, Switzerland. Grid for carding machines. 2,118,200; May 24.
- Hess, Herbert H., Whitestone, N. Y. Traffic signal lens. 2,138,545; Nov. 29.
- Hess, Kurt. (See Hensel, B., Hess, and Richter.)
- Hess, Kurt. (See Richter, J., Hensel, and Hess.)
- Hesse, Adolf. (See Kennedy, J. E., and Hesse.)
- Hesse, Arthur F., et al. (See Cooper, Roger G.)
- Hesse, Carl L., et al. (See Cooper, Roger G.)
- Hesse, Charles J., Footscray, Victoria, Australia. Bracket for awning blinds. 2,116,972; May 10.
- Hesse, Edward S., et al. (See Cooper, Roger G.)
- Hesse, Richard, Melrose, assignor to Everlastik, Incorporated, Chelsea, Mass. Elastic fabric. 2,124,574; July 26.
- Hesselman, Knut J. E., Saltsjö Storangen, assignor, by mesne assignments, to Hesselman Motor Corporation, Aktiebolag, Henriksdal, Stockholm, Sweden. Internal combustion engine. 2,125,293; Aug. 2.
- Hesselman Motor Corporation, Aktiebolag. (See Hesselman, Knut J. E., assignor.)
- Hessenbruch, Hermann M., Wynnewood, assignor to Philadelphia Lawn Mower and Mfg. Co., Philadelphia, Pa. Trimming machine. 2,119,942; June 7.
- Hessenbruch, Werner, Hanau-on-the-Main, Germany. Heat-resisting object containing iron and aluminum. 2,129,840; Sept. 13.
- Hessenbruch, Werner, assignor to firm Heraeus-Vacuumschmelze Aktiengesellschaft, Hanau-on-the-Main, Germany. Heat-resisting implement. 2,104,835; Jan. 11.
- Hessenbruch, Werner, assignor to firm Heraeus-Vacuumschmelze Aktiengesellschaft, Hanau-on-the-Main, Germany. Heat-resisting implement. 2,104,836; Jan. 11.
- Hessolite, Limited. (See Harper, Edgar E., assignor.)
- Hester, Harry W., Chenoa, Ill., assignor to Savage Arms Corporation. Gun mechanism. 2,124,066; July 15.
- Hester, Levi C., Jacksonville, Fla. Plow. 2,132,166; Oct. 4.
- Hester, William F., Drexel, assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,134,556; Oct. 25.
- Hestes, Robert L., Pyote, Tex. Portable combination table and tourist case. 2,117,166; May 10.
- Heston, Allen L., assignor to National Rubber Machinery Company, Akron, Ohio. Tire building apparatus. 2,123,586; July 12.
- Hethcote, Edward, Holyoke, Colo. Adjustable rope halter. 2,105,285; Jan. 11.
- Hetherington & Berner Inc. (See Berner, Robert, assignor.)
- Hetherington, Harry C., Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea manufacture. 2,129,689; Sept. 13.
- Hetler, Willard R., Edgewater, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Gauge control apparatus. 2,137,611; Nov. 22.
- Hettinger, George, East Rutherford, N. J., assignor to Du-La Manufacturing Company, Inc., Brooklyn, N. Y. Insecticide spraying apparatus. 2,113,985; Apr. 12.
- Hettrick Manufacturing Company, The. (See Fleming, Clifford D., assignor.)
- Hettrick Manufacturing Company, The. (See Vavrik, Louis, assignor.)
- Hetzer, Russell A., Madeira, assignor to The American Laundry Machinery Company, Norwood, Ohio. Drying tumbler. 2,123,304; July 12.
- Hetzer, Russell A., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Apparatus for reclaiming solvent. 2,140,623; Dec. 20.
- Heuck, Claus. (See Fikentscher, H., and Heuck.)
- Heuck, Claus. (See Othrother, L., and Heuck.)
- Heuer, John M., Toder, Wyo. Moistening device. 2,126,959; Aug. 16.
- Heuer, Russell P., Bryn Mawr, Pa. Iron and steel desulphurization. 2,110,066; Mar. 1.
- Heuer, Russell P., Bryn Mawr, Pa. Iron desulphurization. 2,110,067; Mar. 1.
- Heuer, Russell P., Bryn Mawr, and A. E. Fitzgerald, Merion, assignors to General Refractories Company, Philadelphia, Pa. Making flint clay brick. 2,131,252; Sept. 27.



- Heumader, Otto, St. Joseph, Mo. Differential driving mechanism. 2,122,284; June 28.
- Heuman, Daniel H., Kansas City, Mo. Vehicle spring suspension. 2,116,026; May 3.
- Heumann, Ferdinand G., Great Neck, N. Y. Grass shears. 2,140,288; Dec. 13.
- Heumann, John P., New York, N. Y. Protector. 2,116,241; May 3.
- Heuser, Herman, Evanston, Ill. Treating coffee. 2,119,329; May 31.
- Heuser, Herman, Evanston, Ill. Liquid egg and making same. 2,137,758; Nov. 22.
- Heuser, Herman, Evanston, Ill. Manufacturing yeast fermented beverages. 2,139,408; Dec. 6.
- Heuser, Ralph V., Mount Vernon, assignor to American Cyanamid Company, New York, N. Y. Amorphous precipitated silica and preparation thereof. 2,114,123; Apr. 12.
- Heveatex Corporation. (See Crockett, James B., assignor.)
- Hewel, Frank B., Pittsburgh, Pa. Valve stem guide. 2,128,414; Aug. 30.
- Hewitt, Alfred, Jamaica, N. Y., assignor to Metropolitan Device Corporation. Terminal box. 2,106,003; Jan. 18.
- Hewitt Delivery Systems, Inc., The. (See Hewitt, William H., assignor.)
- Hewitt, Ellis E. (See Cook, E. S., and Hewitt.)
- Hewitt, Ellis E. (See Farmer, C. C., and Hewitt.)
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,106,483; Jan. 25.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Duplex brake cylinder. 2,106,484; Jan. 25.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Insect excluder. 2,106,485; Jan. 25.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,109,045; Feb. 22.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake apparatus. 2,109,046; Feb. 22.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,109,047; Feb. 22.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve. 2,110,705; Mar. 8.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control for high speed trains. 2,110,706; Mar. 8.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake retardation controller. 2,113,618; Apr. 12.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. High speed brake equipment. 2,115,523; Apr. 26.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control. 2,118,403; May 24.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,121,543; June 21.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car brake equipment. 2,125,165; July 26.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drainage apparatus. 2,128,206; Aug. 23.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,130,619; Sept. 20.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,130,620; Sept. 20.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic brake control. 2,130,621; Sept. 20.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric brake means. 2,130,622; Sept. 20.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Displacement volume device. 2,132,952; Oct. 11.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,137,018; Nov. 15.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train brake equipment. 2,137,228; Nov. 22.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,140,624; Dec. 20.
- Hewitt, Ellis E., Edgewood, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Antifreeze air strainer. 2,140,626; Dec. 20.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Acceleration controller. 2,140,641; Dec. 20.
- Hewitt, Ellis E., Edgewood, and E. R. Fitch, Irwin, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Load brake device. 2,125,164; July 26.
- Hewitt, George W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Preservative and contact coat for light-sensitive devices. 2,104,483; Jan. 4.
- Hewitt, Harry, Manchester, England, assignor to Standard Brands, Incorporated, New York, N. Y. Preparation or treatment of cereal flour. 2,138,062; Nov. 29.
- Hewitt, John C., Jr., Long Beach, Calif. Measuring well declinations. 2,116,350; May 3.
- Hewitt, John F., and J. H. Hoerster, Portland, Oreg. Hammer. 2,113,084; Apr. 5.
- Hewitt Rubber Corporation. (See Berman, M., and Brockner, assignors.)
- Hewitt Rubber Corporation. (See Berman, M., and Zinter, assignors.)
- Hewitt, Walter. (See Glenn, Marlow, assignor.)
- Hewitt, William H., Chicago, Ill., assignor to The Hewitt Delivery Systems, Inc., Boston, Mass. Trailer. 2,113,448; Apr. 5.
- Hewittic Societe Anonyme. (See Demontvignier, Marcel, assignor.)
- Hewlett, Amiot P., Cranford, N. J., assignor to Standard Oil Development Company. Refining hydrocarbon distillate oils with boron fluoride. 2,133,452; Oct. 18.
- Hewlett, William F., Upland, Calif. Contractible tent or awning. 2,107,608; Feb. 8.
- Hewton, William R. (See Bird, W. F., and Hewton.)
- Hewton, William R., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Loom shuttle. 2,135,664; Nov. 8.
- Hey, Ernest, Orlando, Fla. Cigarette roller. 2,128,248; Aug. 30.
- Hey, Ernest, Seattle, Wash., and F. H. Hunsicker, Oakland, Calif., assignors of forty-five percent to said Hey, ten percent to said Hunsicker, and forty-five percent to R. Dixon, Oakland, Calif. Separating precious metals from nonprecious metals in metal bearing earth. 2,139,498; Dec. 6.
- Hey, Henry W. (See Hill, E. G., and Hey.)
- Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,119,255; May 31.
- Heyduck, Alfred, Berlin-Neuenhagen, assignor to Mix & Genest Aktiengesellschaft, Berlin-Schöneberg, Germany. Automatic telephone system. 2,108,437; Feb. 15.
- Heyermans, Charles, and G. U. L. Sartoris, London, England. Vehicle suspension device. 2,131,661; Sept. 27.
- Heyman, Irene K. (See Heyman, Moses D., assignor.)
- Heyman, Moses D., assignor of one-half to I. K. Heyman, Hewlett, N. Y. Feeding mechanism. 2,130,235; Sept. 13.
- Heyman, Sam, assignor to Aerovox Corporation, Brooklyn, N. Y. Electrical condenser. 2,119,744; June 7.
- Heyman, Wilbert A., New York, N. Y. Article made from perforated cellulose sheets. 2,137,243; Nov. 22.
- Heymann, Hugo, Berlin-Friedenau, Germany, assignor to General Electric Company. Control system. 2,134,514; Oct. 25.
- Heymann, Karl. (See Neresheimer, H., Vilsmeler, and Heymann.)
- Heymann, Leo A., New York, N. Y. Holder for beverage receptacles. 2,140,743; Dec. 20.
- Heymann, Paul. (See Blair, Gerhardt, assignor.)
- Heymann, Roy D., Woodbridge, Conn., assignor, by mesne assignments, to Pulp Products Company, Inc., New York, N. Y. Closure for fiber containers. 2,104,344; Jan. 4.
- Heymann, Roy D., Woodbridge, Conn., assignor, by mesne assignments, to Pulp Products Company, Inc., New York, N. Y. Machine for molding pulp. 2,115,772; May 3.
- Heymer, Gerd. (See Eggert, J., and Heymer.)
- Heymer, Gerd, Wolfen, Kreis Bitterfeld, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Multicolor filter. 2,107,116; Feb. 1.
- Heymer, Gerd, Wolfen, Kreis Bitterfeld, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Manufacture of lenticular stencil film. 2,125,162; July 26.
- Heymer, Gerd, Wolfen, Kreis Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Copying lenticular photographic films. 2,138,097; Nov. 29.
- Heymer, James K., Minneapolis, Minn. Bracket and head boards for Venetian blinds. 2,117,167; May 10.
- Heyn, Walther, Berlin, Germany, assignor to F. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of synthetic resins. 2,126,773; Aug. 16.
- Heyna, Hans. (See Hoffa, E., and Heyna.)
- Heynssens, Joseph L., Brussels, Belgium. Heating structure for drying, ironing, calendaring, and similar machines. 2,136,992; Nov. 15.
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Dry sealing envelope. 2,114,380; Apr. 19.
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Dry sealing envelope. 2,118,706; May 24.
- Heywood Wakefield Company. (See Bell, Alfred B., assignor.)
- Heywood Wakefield Company. (See Larsen, Lewis, assignor.)
- Heywood Wakefield Company. (See Parrish, Frank T., assignor.)



- Heywood-Wakefield Company. (See Parrish, F. T., and Frazee, assignors.)
- Hiatt, William G., assignor to Phillips Petroleum Company, Bartlesville, Okla. Treating hydrocarbons. 2,134,824; Nov. 1.
- Hibbard, Lloyd J. (See Harder, E. L., Hibbard, and Taliaferro.)
- Hibbard, Robert L., assignor of one-half to W. K. Stamets, Pittsburgh, Pa. Self-centering device. 2,112,240; Mar. 29.
- Hibbard, Robert L., assignor of one-half to W. K. Stamets, Pittsburgh, Pa. Cylinder boring machine. 2,135,508; Nov. 8.
- Hibben, James H., Washington, D. C., assignor to C. Maisel, Montclair, N. J. Making phenyl mercuric nitrate. 2,131,008; Sept. 20.
- Hibberd, William A., Toronto, Ontario, Canada. Target apparatus. 2,125,565; Aug. 2.
- Hibner, De Los E., Jr. (See Arey, F. C., and Hibner.)
- Hibshman, James R., Cleveland Heights, Ohio, assignor to H. V. Ensten. Headwear. 2,109,248; Feb. 22.
- Hibshman, James R., Cleveland Heights, Ohio, assignor to H. V. Ensten. Wearing apparel. 2,121,168; June 21.
- Hicke, Johannes. (See Weichardt, R., Freistadt, and Hicke.)
- Hickey, Charles M., New York, N. Y. Fountain comb. 2,128,183; Aug. 23.
- Hickey, James B. (See Frevert, R. A., and Hickey.)
- Hickey, Lawrence, Coffeyville, Kans. Camp house. 2,104,648; Jan. 4.
- Hicking, William N., et al. (See Hall, Archibald J., assignor.)
- Hickl, John, Elmaton, Tex. Building block. 2,129,211; Sept. 6.
- Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Vehicle spring suspension. 2,116,516; May 10.
- Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective switch. 2,120,408; June 14.
- Hickman, Clarence N., Jackson Heights, and B. A. Kingsbury, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system. 2,106,350; Jan. 25.
- Hickman, John G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Ventilating window. 2,109,249; Feb. 22.
- Hickman, Kenneth C. D., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Vacuum extraction of oils containing therapeutic values. Re. 20,705; Apr. 26.
- Hickman, Kenneth C. D., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Distillation. 2,113,302; Apr. 5.
- Hickman, Kenneth C. D., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Distillation process. 2,117,802; May 17.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Vacuum distillation process. 2,117,803; May 17.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Vacuum distillation process. 2,124,879; July 26.
- Hickman, Kenneth C. D., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Medicinal oleaginous distillation. 2,126,466; Aug. 9.
- Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Treatment of oils. 2,136,774; Nov. 15.
- Hickman, Kenneth C. D., and J. C. Hecker, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Distillation process. 2,126,467; Aug. 9.
- Hickman, Kenneth C. D., J. R. Turner, and W. J. Weyerts, assignors to Eastman Kodak Company, Rochester, N. Y. Silver recovery. 2,131,045; Sept. 27.
- Hickman Pneumatic Seat Co. (See Hickman, Albert F., assignor.)
- Hickman, William B., Kansas City, Mo. Air draft and smoke consumer. 2,104,127; Jan. 4.
- Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)
- Hickok, W. O., Manufacturing Company. (See Broadmeyer, Albert, assignor.)
- Hickory Chair Manufacturing Company. (See Hunter, Arthur C., assignor.)
- Hicks, Earl M., Lebanon, Ind. Bus body. 2,104,989; Jan. 11.
- Hicks, Frederick T. (See Green, J. L., and Hicks.)
- Hicks, Harold A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle body. 2,115,913; May 3.
- Hicks, Harold A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,139,750; Dec. 13.
- Hicks, James A., assignor of one-half to A. L. Belle Isle, Atlanta, Ga. Vehicle brake equalizer. 2,138,235; Nov. 29.
- Hicks, Leslie A. (See Mellen, G., and Hicks.)
- Hicks, Raymond M., Plainfield, N. J., and E. R. Leroy, assignors to The Teleregister Corporation, New York, N. Y. Decoder and regenerative repeater. 2,117,804; May 17.
- Hilger, Raymond G., Chicago, Ill. Refrigerator. 2,141,714; Dec. 27.
- Hilger, Raymond G., Chicago, Ill. Refrigeration mechanism. 2,141,715; Dec. 27.
- Hidstitch Company. (See Arver, Joseph F., assignor.)
- Hienmann, Walter, assignor to American Hard Rubber Company, New York, N. Y. Hard rubber article and producing same. 2,134,124; Oct. 25.
- Hiemenz, Hans, Hanau-on-the-Main, Germany. Production of magnetizable materials. 2,123,138; July 5.
- Hiemenz, Hans, assignor to Heraeus-Vacuumschmelze A. G., Hanau-on-the-Main, Germany. Rolling and treating silicon steel. 2,113,537; Apr. 5.
- Hiemenz, William, and L. Freedman, Albany, assignors to The Bayer Company, New York, N. Y. Furoic acid esters of aromatic orthohydroxy carboxylic acids. 2,140,052; Dec. 13.
- Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Making fabric covered bag frames. 2,106,408; Jan. 25.
- Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Bag frame. 2,116,242; May 3.
- Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Bag fastener knob and making the same. 2,124,298; July 19.
- Hieronimus, Russell H. (See Gangloff, W. C., and Hieronimus.)
- Hiers, George O., Brooklyn, assignor to National Lead Company, New York, N. Y. Bolt anchor. 2,120,279; June 14.
- Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Manufacture of pile fabrics. 2,135,711; Nov. 8.
- Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Producing air permeable pile fabric. 2,135,712; Nov. 8.
- Hierta, Hans, Dearborn, Mich. Motor vehicle. 2,123,305; July 12.
- Hierta, Hans, Dearborn, assignor to Packard Motor Car Company, Detroit, Mich. Gauge. 2,134,189; Oct. 25.
- Higbee, James F., Detroit, Mich. Independent dual wheel drive. 2,126,960; Aug. 16.
- Higbee, James F., Detroit, Mich. Dual wheel assembly. 2,132,029; Oct. 4.
- Higbee, James F., assignor of one-half to S. A. Griggs, Detroit, Mich. Brake. Re. 20,744; May 31.
- Higbie, Vinton, Paterson, and R. W. Young, Maywood, N. J., assignors to Wright Aeronautical Corporation. Aircraft engine intercooler. 2,137,399; Nov. 22.
- Higby, Willis O., Turin, N. Y. Indoor storm curtain. 2,126,328; Aug. 9.
- Higgins, Clifford B., assignor to H & H Tube & Mfg. Co., Detroit, Mich. Treating thin strip metal. 2,135,713; Nov. 8.
- Higgins, Dale G., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Colored metallic finish. 2,139,824; Dec. 13.
- Higgins, Edward, Scottsdale, Pa. Holder or support for collapsible tubes and the like. 2,125,784; Aug. 2.
- Higgins, Eric B., Punchetts, Twein Wood, England. Production of polar adsorbents. 2,136,167; Nov. 8.
- Higgins, Fred P. (See Parker, John R., assignor.)
- Higgins, Joseph E., Grand Island, Nebr. Sheet-pinning machine. 2,133,681; Oct. 18.
- Higgins, Ralph, Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Capacitance coupler. 2,135,338; Nov. 1.
- Higgins, Ray, Wadsworth, Ohio. Metal coating for ceramic bodies. 2,119,989; June 7.
- Higgins, William J. (See Bradt, C. H., and Higgins.)
- Higginson, George M., Hawthorne, Calif. Load compensation in oil well pumps. 2,107,151; Feb. 1.
- Higgett, Harry W., and K. L. Wood, assignors to Cable and Wireless Limited, London, England. Telegraph signaling apparatus. 2,131,322; Sept. 27.
- Higgs, Melvin, Pomona, Calif. Food chopper. 2,113,085; Apr. 5.
- High, Carl F., Flint, Mich. Fuel feeding system for internal combustion engines. 2,131,950; Oct. 4.
- High, Carl F., Flint, Mich. Fuel injection and mixture controlling apparatus for internal combustion engines. 2,139,894; Dec. 13.
- High, Raymond L., Philadelphia, Pa. Therapeutic preparation of colloidal sulphur. 2,138,546; Nov. 29.
- Higham, William W., Detroit, and S. H. Morse, Dearborn, assignors to Universal Cooler Corporation, Detroit, Mich. Evaporator. 2,138,525; Nov. 29.
- Highberg, George A. (See Sloan, H. E., and Highberg.)
- High Point Bending & Chair Co. (See Croft, John J., assignor.)
- Highriter, Harry W. (See Driggs, F. H., and Highriter.)
- Hight, Franklin R., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Construction of hubs. 2,132,002; Oct. 4.
- Hight, Stuart C., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency stable electric discharge oscillator. 2,113,210; Apr. 5.
- Hight, Stuart C., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic rectifying device. 2,126,886; Aug. 16.
- Highway Marking Machine Company. (See Marshall, George S., assignor.)



- Higley, Frank R., Cleveland Heights, assignor to The American Laundry Machinery Company, Norwood, Ohio. Tail clamp. 2,119,275; May 31.
- Higley, Walter C., Toledo, Ohio. Cigarette. 2,109,132; Feb. 22.
- Higson, Percy R. (See Larsson, C. A., and Higson.)
- Higson, Percy R., Sidcup, assignor to Vickers-Armstrong Limited, Westminster, England. Machine gun and automatic small arms. 2,137,612; Nov. 22.
- Hikari Shoji Kabushiki Kaisha. (See Ozawa, Akinari, assignor.)
- Hikel, Richard S., Plymouth, N. H. Traction cleat for skis. 2,122,718; July 5.
- Hilbert, George L., and A. E. and J. H. West, Ladysmith, Wis. Safety device for motors. 2,136,504; Nov. 15.
- Hilbert, Otto F., assignor to Artloom Corporation, Philadelphia, Pa. Warp printing apparatus. 2,137,741; Nov. 22.
- Hilbert, Wilhelm, Berlin-Lichtenberg, Germany, assignor to General Electric Company. Method and apparatus for welding wires. 2,111,426; Mar. 15.
- Hilbish, Joseph M., and J. K. McCahan, Pittsburgh, Pa. Apparatus for cleaning and coating elongated metal objects. 2,134,557; Oct. 25.
- Hilblom, Samuel E. (See Crumb, C. F., and Hilblom.)
- Hild, Frederic W., Los Angeles, Calif. Blow-out preventer. 2,113,529; Apr. 5.
- Hild, Frederic W., Los Angeles, Calif. Drilling control. 2,136,356; Nov. 8.
- Hildebrand, Otto G., Cleveland, Ohio, assignor to Rayley Corporation. Lighting fixture. 2,124,141; July 19.
- Hildebrandt, Friedrich. (See Schwenk, E., Gehrke, and Hildebrandt.)
- Hilderbrant, Daniel W., Farmersville, Calif. Clothespin. 2,109,025; Feb. 22.
- Hildebrecht, Charles V., Chicago, Ill., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety device and the like. 2,114,446; Apr. 19.
- Hilder, Frederick L. (See Hall, C. H., and Hilder.)
- Hilbreth, Charles E., et al. (See O'Brien, Lawrence, assignor.)
- Hile, Charles L., Louisville, Ky. Electric contact plug. 2,137,162; Nov. 15.
- Hile, Leslie M., Benton Harbor, Mich. Wire hinge fastener. 2,110,150; Mar. 8.
- Hile, Leslie M., Benton Harbor, Mich. Friction clutch. 2,136,381; Nov. 15.
- Hilgenberg, Carl G., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Container. 2,126,465; Aug. 9.
- Hilger, Adam, Limited. (See Twyman, F. and Spencer, assignors.)
- Hilkemeier, Louis G., assignor to Chain Belt Company, Milwaukee, Wis. Valve arm construction. 2,127,663; Aug. 23.
- Hill, Allan W. (See MacNeill, J. B., and Hill.)
- Hill, Ansel B., Seattle, Wash. Amalgamator. 2,134,445; Oct. 25.
- Hill, Andrew E. (See Booker, C. A., and Hill.)
- Hill, Arthur, New York, N. Y. Portable combined automatic phonograph and radio. 2,114,741; Apr. 19.
- Hill, Arthur, New York, N. Y. Portable electric automatic phonograph. 2,115,773; May 3.
- Hill, Arthur J., New Haven, Conn., and M. C. Fernald, assignors to Ostro Research Laboratories, Inc., New York, N. Y. Naphthalene derivatives containing a C<sub>12</sub>H<sub>11</sub>N group and producing them. 2,119,077; May 31.
- Hill Brothers Chemical Co. (See Hill, Charles B., assignor.)
- Hill, C. V., & Company. (See Hoffman, Cyrus F., assignor.)
- Hill, C. V., and Company. (See MacMaster, Frank D., assignor.)
- Hill, C. V., & Company. (See Wild, Gunther P., assignor.)
- Hill, Charles B., El Monte, assignor to Hill Brothers Chemical Co., Inc., Los Angeles, Calif. Proportioning device. 2,105,078; Jan. 11.
- Hill, Charles D., Beaverton, assignor to Dean Tuck, Wheeler, Mich. Dispenser. 2,110,599; Mar. 8.
- Hill, Charles F. (See Ford, J. G., and Hill.)
- Hill, Charles F., Wilkinsburg, M. F. Jones, Edgewood, and C. A. Atwell, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Field-coil cooling means for motors. 2,130,843; Sept. 20.
- Hill, Charles H., Drexel Hill, Pa., assignor to General Electric Company. Electric switch. 2,141,272; Dec. 27.
- Hill, Charles H., and A. E. Anderson, Drexel Hill, Pa., assignors to General Electric Company, New York, N. Y. Electric switch operating apparatus. 2,116,396; May 3.
- Hill, Charles L., North Plainfield, N. J. Safety closure for tank trucks. 2,121,596; June 21.
- Hill, Charles L., Plainfield, assignor to C. T. Dickey, Elizabeth, N. J. Rubber covered chain. 2,110,226; Mar. 8.
- Hill, Charles O., Los Angeles, Calif. Vehicle direction signal. 2,110,420; Mar. 8.
- Hill, Charles O., Los Angeles, Calif. Vehicle direction signal. 2,141,437; Dec. 27.
- Hill-Clarke Machinery Co. (See Wigglesworth, Albert W., assignor.)
- Hill, Curtis L. (See Mirfield, George E., assignor.)
- Hill, Curtiss L., assignor of one-half to R. C. McRae, Tacoma, Wash. Automatic ship controlling apparatus. 2,112,490; Mar. 29.
- Hill, Curtiss L., assignor of one-half to R. C. McRae, Tacoma, Wash. Automatic steering mechanism. 2,116,629; May 10.
- Hill, David J., North Adams, Mass., assignor of one-third to W. H. Gidley, Providence, and one-third to H. H. Smith, Warwick, R. I. Shoe structure and making the same. 2,109,884; Mar. 1.
- Hill, Dewey H., Macomb, Ill., assignor to Globe American Corporation, Kokomo, Ind. Valve for oil burners. 2,120,669; June 14.
- Hill, Earl G., and W. A. Seem, Forty Fort, Pa.; said Hill assignor to said Seem. Device for cleaning strand material. 2,137,613; Nov. 22.
- Hill, Edward G., and H. W. Hey, assignors to Hill Engineering Corporation, Richmond, Va. Clutch operating device for motor vehicles. Re. 2,20,794; July 12.
- Hill, Edward G., Richmond, Va., and J. X. Phillips, Washington, D. C., assignors to Hill Engineering Corporation, Richmond, Va. Automatic gear shifting mechanism. 2,109,443; Feb. 22.
- Hill Engineering Corporation. (See Hill, E. G., and Hey, assignors.)
- Hill Engineering Corporation. (See Hill, E. G., and Phillips, assignors.)
- Hill, Ernest R., East Orange, N. J., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Railway car truck. 2,140,452; Dec. 13.
- Hill, F. H., Company. (See Donnelly, Richard J., assignor.)
- Hill, F. H. Company. (See Scholl, Harry S., assignor.)
- Hill, Forrest W., Southgate, assignor to Fibreboard Products, Inc., San Francisco, Calif. Display stand. 2,132,785; Oct. 11.
- Hill, Frank B. (See Moncrieff, R. W., and Hill.)
- Hill, Frank B. (See Moncrieff, R. W., Hill, and Frearson.)
- Hill, Frank E. J. (See Bunt, Edward T., assignor.)
- Hill, Frank E., et al. (See Cooper, George W., assignor.)
- Hill, Frank M., Walpole, Mass. Heat conserving and humidifier. 2,104,804; Jan. 11.
- Hill, Fred, San Francisco, Calif. Diffuser for fluid fuel burners. 2,122,688; July 5.
- Hill, Frederick, and J. A. Radley, Manchester, England, assignors to Imperial Chemical Industries, Limited. Coloring oxide films on aluminum and its alloys. 2,132,619; Oct. 11.
- Hill, Frederick, and J. A. Radley, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Coloration of artificially produced oxide films on aluminum and its alloys. 2,132,620; Oct. 11.
- Hill, Frederick, and J. A. Radley, Blackley, England, assignors to Imperial Chemical Industries Limited. Dyeing of hardened casein. 2,138,602; Nov. 29.
- Hill, George, Wellford, S. C. Apparatus for treating cotton and yarns. 2,120,409; June 14.
- Hill, George H., Jr., Parkersburg, W. Va. Reconditioning roads and pavements. 2,125,785; Aug. 2.
- Hill, George L., Oakland, Calif. High voltage fusible cut-out. 2,112,841; Apr. 5.
- Hill, George R., assignor to General Shoe Corporation, Nashville, Tenn. Shoe-testing device. 2,141,651; Dec. 27.
- Hill, George S., Erie, Pa., assignor to General Electric Company. Freezing tray for refrigerators. 2,133,860; Oct. 18.
- Hill, Harold N., Philadelphia, Pa. Rivet package. 2,132,296; Oct. 4.
- Hill, Harry. (See Hunter, P. V., and Hill.)
- Hill, Harry G., Los Angeles, Calif. Line guide to enable the blind to write script. 2,107,609; Feb. 8.
- Hill, Harry S., assignor to Harry S. Hill Manufacturing Co., Portland, Ore. Sharpening tool for paper drills. 2,125,566; Aug. 2.
- Hill, Harry S., Manufacturing Co. (See Hill, Harry S., assignor.)
- Hill, Harry W., Sterling, Ill., assignor to Northwestern Barb Wire Company. Wire bundling machine. 2,123,895; July 10.
- Hill, Harry W., assignor to Northwestern Barb Wire Company, Sterling, Ill. Bale tie package. 2,124,506; July 19.
- Hill, Henry A. (See Rollstrom, Charles E., assignor.)
- Hill, Henry C., Paterson, N. J., assignor to Wright Aeronautical Corporation. Fluid metering device. 2,101,390; Jan. 4.
- Hill, Henry C., Paterson, and A. Landauer, Ridgewood, N. Y., assignors to Wright Aeronautical Corporation. Crankcase scavenging scoop. 2,137,400; Nov. 22.
- Hill, James, Mitchell, Ontario, Canada. Focusing device for automobile headlights. 2,127,744; Aug. 23.
- Hill, Julian W., and R. A. Jacobson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,134,875; Nov. 1.
- Hill, Marley G., Brooklyn, N. Y. Fluid clutch. 2,136,920; Nov. 15.
- Hill, Noel A., Camella, near Sydney, assignor to James Hardie & Co. Pty. Limited, Sydney, Australia. Manufacture of asbestos cement sheets. 2,109,532; Mar. 1.
- Hill, Raymond P., Orange, N. J. Draft tube throat ring. 2,131,105; Sept. 27.



- Hill, Richard D., assignor of one-half to L. D. Mowrey, one-fourth to E. M. Robertson, and one-fourth to R. Decker, all of Wichita Falls, Tex. Rod line carrier. 2,121,694; June 21.
- Hill, Richard T., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispensing carton. 2,115,853; May 3.
- Hill, Robert H., assignor to J. E. Taylor, doing business as Taylor Engineering Company, Elgin, Ill. Press. 2,132,618; Oct. 11.
- Hill, Robert H., Anderson, assignor to Warner Machine Products, Inc., Muncie, Ind. Indicating hydrometer. 2,129,617; Sept. 6.
- Hill, Rowland, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new polymerization products. 2,117,321; May 17.
- Hill, Rowland, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Polymerization process. 2,121,695; June 21.
- Hill, Rowland, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. n-Propylmethacrylate. 2,129,690; Sept. 13.
- Hill, Rowland F., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Counterbalance device. 2,123,676; July 12.
- Hill, Tom F., Culleoka, assignor of one-half to C. M. Foster, Lynnville, Tenn. Closet seat cover operator. 2,117,663; May 17.
- Hill, Valentine J., Jr., Bloomfield, and H. E. Heigis, West Orange, assignors to Walter Kidde & Company, Inc., Bloomfield, N. J. Airplane flotation device. 2,134,653; Oct. 25.
- Hill, Walter H., Chicago, Ill. Vehicle signal light. 2,108,123; Feb. 15.
- Hill, Walter M., Randallstown, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus control system. 2,122,468; July 5.
- Hillbom, Tor O., Karlshall, Lulea, Sweden. Apparatus for barking wood. 2,137,451; Nov. 22.
- Hillbom, Tor O., Karlshall, Lulea, Sweden. Apparatus for barking wood. 2,137,452; Nov. 22.
- Hille, Dr. Hermann. (See Egenas, Severin L., assignor.)
- Hillebrand, Earl, assignor to American Gas Machine Company, Inc., Albert Lea, Minn. Temperature control system for ovens heated by hydrocarbon burners. 2,117,556; May 17.
- Hillierich & Bradsky Co. (See Beck, Charles R. and G. L., assignors.)
- Hillers, Carl E., assignor to Blue Ridge Slate Corporation, Charlottesville, Va. Colored roofing. 2,122,862; July 5.
- Hillers, Carl E., assignor to Blue Ridge Slate Corporation, Charlottesville, Va. Colored silicate coating. 2,129,841; Sept. 13.
- Hillers, Carl E., Charlottesville, and H. L. Small, Esmont, assignors to Blue Ridge Slate Corporation, Charlottesville, Va. Colored glass coated refractory granules. 2,139,955; Dec. 13.
- Hillhouse, Charles B., assignor to S. R. Hillhouse, New York, N. Y. Producing gasoline. 2,125,921; Aug. 9.
- Hillhouse, Sylvia R. (See Hillhouse, Charles B., assignor.)
- Hilliard Corporation, The. (See Dickens, Richard G., assignor.)
- Hilliard, Frederick C. (See Clegg, J. E., and Hilliard.)
- Hilliard, John D., Glens Falls, N. Y. Accelerated break circuit interrupter. 2,138,323; Nov. 29.
- Hilliard, John D., Glens Falls, N. Y. Circuit breaker. 2,110,475; Dec. 13.
- Hilliard, John E., New York, N. Y., assignor to American Chain & Cable Company, Inc. Forming twisted chain links. 2,116,116; May 3.
- Hilliard, Perley A., Newtonville, Mass. Edible material in ribbon form. 2,132,690; Oct. 11.
- Hilliard, Thomas H., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Manufacture of artificial materials. 2,129,737; Sept. 13.
- Hilliard, William J., St. Clair, Mo. Compressor and similar device. 2,137,649; Nov. 22.
- Hillier, Robert E., Akron, Ohio, assignor to The F. H. Watson Company, Jonesboro, Ark. Valve stem. 2,106,638; Jan. 25.
- Hillis, David R., Detroit, Mich., assignor to The Farval Corporation, Cleveland, Ohio. Lubricating system. 2,105,595; Jan. 18.
- Hillis, David R., Detroit, Mich., assignor to Trabon Engineering Corporation. Feeder for reversible fluid systems. 2,124,948; July 26.
- Hillis, James L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Clutch mechanism for typewriting machines. 2,104,559; Jan. 4.
- Hillis, James L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,120,360; June 14.
- Hillix, Foster F. (See Knubusch, W. F., and Hillix.)
- Hillix, Foster F., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Speed comparator. 2,109,482; Mar. 1.
- Hillman, Carl J., Spokane, Wash. Shock absorber for fishing lines. 2,117,322; May 17.
- Hillman, Ernest C., Los Angeles, Calif. Grid. 2,108,713; Feb. 15.
- Hillman, Roscoe H., Philadelphia, assignor to The Auto-car Company, Ardmore, Pa. Chair, seat, and the like. 2,110,151; Mar. 8.
- Hills, Ernest E., assignor of one-third to A. J. Ihrke, and one-third to J. E. Schein, Oshkosh, Wis. Convertible bed structure for trailers. 2,128,415; Aug. 30.
- Hills, Joseph J., Birmingham, Ala. Tie and clamp means for concrete forms. 2,135,509; Nov. 8.
- Hills-McCanna Company. (See Harris, Albert J., assignor.)
- Hills, Paul E., Missouri Valley, Iowa, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watt-hour meter installation. 2,128,047; Aug. 23.
- Hilmy, Saleh, Heliopolis, Cairo, Egypt. Airplane. 2,141,984; Dec. 27.
- Hilpert, Richard, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acid wool dyestuffs of the anthraquinone series. 2,107,000; Feb. 1.
- Hilpman, John H., Springfield Gardens, N. Y., assignor to Mergenthaler Linotype Company. Typographical machine. 2,117,557; May 17.
- Hilpman, Paul, West Hempstead, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,125,675; Aug. 2.
- Hiltbrunner, Arnold, West Englewood, N. J., assignor to National Sure-Fit Quilting Company, Inc., New York, N. Y. Comforter quilting machine. 2,139,019; Dec. 6.
- Hilton, Charles L. (See Harrison, C. F. R., Clark, and Hilton.)
- Hilton, Everett S., assignor of one-fourth to P. A. Brewer and one-fourth to G. H. Powers, Belmont, Mass. Machine for assorting articles according to their weight. 2,138,475; Nov. 29.
- Hilton, John L., Chelmsford, England, assignor to Norma-Hoffman Bearings Corporation, Stamford, Conn. Ball and roller bearing. 2,119,990; June 7.
- Hilton, Lamar S. (See Kuzmick, J. N., and Hilton.)
- Hilts, H. C. (See Mellen, George, assignor.)
- Himebaugh, Clayton D., Burr Oak, Mich. Lawn mower sharpener. 2,121,965; June 28.
- Himmell, Samuel S., New York, N. Y. Coated paper. 2,119,164; May 31.
- Himsworth, Francis R. (See Dunn, J. S., Himsworth, and Lefebure.)
- Himsworth, Francis R., and J. S. Dunn, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Calcium sulphate plaster. 2,113,375; Apr. 5.
- Hinchliffe, Edward H., Lynbrook, N. Y. Apparatus for removing feathers from fowl. 2,113,232; Apr. 5.
- Hinchman, Harvey S., Merchantville, N. J. Charging and discharging valve. 2,120,248; June 14.
- Hinckley, Charles H., Oakville, Conn. Hydraulic brake connection. 2,111,930; Mar. 22.
- Hinckley-Myers Company. (See Graham, George M., assignor.)
- Hinckley-Myers Company. (See Osborn, John W., assignor.)
- Hinckley-Myers Company. (See Price, Arthur E., assignor.)
- Hinde and Dauch Paper Company, The. (See Barlow, Ralph L., assignor.)
- Hinde and Dauch Paper Company, The. (See Graham, William R., assignor.)
- Hinde and Dauch Paper Company, The. (See Kirby, John S., assignor.)
- Hinde and Dauch Paper Company, The. (See Morton, Lawrence D., assignor.)
- Hinderer, Louis C. (See Hinderer, Walter F. and L. C.)
- Hinderer, Walter F. and L. C., Kankakee, Ill. Window lock. 2,107,479; Feb. 8.
- Hinderliter, Frank J., Tulsa, Okla. Hollow trip casing spear. 2,105,885; Jan. 18.
- Hinderliter, Frank J., Tulsa, Okla. Rotary tool joint. 2,110,127; Mar. 8.
- Hinderliter, Frank J., Tulsa, Okla. Rotary tool joint. 2,111,627; Mar. 22.
- Hindes, Howard W., assignor to The Washburn Company, Worcester, Mass. Ferrule for handles and attaching same. 2,105,119; Jan. 11.
- Hinds, Daniel C., Vandalia, Ill. Loading device. 2,126,387; Aug. 9.
- Hinds, George E. (See Olin, J. F., and Hinds.)
- Hinds, James W., Dallas, assignor of forty-nine per cent to P. J. Pond, Wichita Falls, Tex. Dye. 2,109,372; Feb. 22.
- Hinegardner, Wilbie S. (See Reichert, J. S., Campbell, Hinegardner, and London.)
- Hinegardner, Wilbie S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stimulation of mold growth. 2,116,517; May 10.
- Hinegardner, Wilbie S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vaporization of formaldehyde. 2,125,375; Aug. 2.
- Hineline, Edson S. (See Petit, W. H., and Hineline.)
- Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Copying camera equipment unit. 2,107,074; Feb. 1.
- Hineline, Edson S., Irondequoit, assignor to Folmer Graflex Corporation, Rochester, N. Y. Making photographic records of counting mechanism before and after use. 2,136,262; Nov. 8.



- Hines, Claude M. (See Agnew, N. F., and Hines.)  
Hines, Claude M., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,117,323; May 17.  
Hines Electrical Specialties, Inc. (See Hines, Francis J., assignor.)  
Hines, Francis J., New York, N. Y., assignor to Hines Electrical Specialties, Inc. Electric fixture. 2,134,402; Oct. 25.  
Hines, Harry E., and C. T. Stolpestad, Monroe, Mich. Egg handling device. 2,130,623; Sept. 20.  
Hines, Karl R., Jr., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Packaging and dispensing transparent cellulose strip material. 2,118,791; May 24.  
Hingeco Vanities Inc. (See Johnson, Fritz R., assignor.)  
Hingle, James A., assignor, by mesne assignments, of two-thirds to J. R. Phillips, and one-third to J. P. Westmoreland, Houston, Tex. Fishing float. 2,137,341; Nov. 22.  
Hinkel & Cie., G. m. b. H. (See Hentrich, W., and Lainaü, assignors.)  
Hinkle, Cecil E., Oklahoma City, Okla. Bottle rack. 2,110,299; Mar. 8.  
Hinkle, Hutchinson S., Bethany, assignor to National Folding Box Company, New Haven, Conn. Making collapsible boxes. 2,126,774; Aug. 16.  
Hinkle, Hutchinson S., Bethany, assignor to National Folding Box Company, New Haven, Conn. Container. 2,137,614; Nov. 22.  
Hinkle, James C. (See Scheider, F. E., and Hinkle.)  
Hinkle, Raymond, Hanover, Pa. Sifting device. 2,106,742; Feb. 1.  
Hinman, George L., assignor to The Greist Manufacturing Company, New Haven, Conn. Narrow hemmer attachment for sewing machines. 2,133,700; Oct. 18.  
Hinman, George L., assignor to The Greist Manufacturing Company, New Haven, Conn. Adjustable hemmer attachment for sewing machines. 2,138,492; Nov. 29.  
Hinman, Walker M., Winnetka, assignor to The Frederick Post Company, Chicago, Ill. Accelerated diazo printing and materials therefor. Re. 20,708; Apr. 26.  
Hinman, Walker M., Winnetka, assignor to The Frederick Post Company, Chicago, Ill. Development of exposed blueprint sheets. 2,135,872; Nov. 8.  
Hinnüber, Josef, Essen-Rüttenscheid, Germany, assignor to General Electric Company, Schenectady, N. Y. Sintered hard metal alloys. 2,123,046; July 5.  
Hinnüber, Josef, Essen-Rüttenscheid, Germany, assignor to General Electric Company, Schenectady, N. Y. Sintered hard metal alloys. 2,128,146; Aug. 23.  
Hinricher, G. Anton, assignor to Edwin I. Guthman & Co., Inc., Chicago, Ill. Coil winding machine. 2,113,023; Apr. 5.  
Hinsey, Robert S., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for supporting glass sheets. 2,115,106; Apr. 26.  
Hinson, Odus C., and C. C. Dawson, assignors to Cramer-mills, Cramerton, N. C. Pattern testing attachment for dobby looms. 2,104,946; Jan. 11.  
Hintermeyer, Alfred E., assignor to The Heald Machine Company, Worcester, Mass. Forming a cutting tool. 2,130,684; Sept. 20.  
Hinton, Edward M., Drexel Hill, Pa. Accelerator governor. 2,104,649; Jan. 4.  
Hintsches, Karl, Oberkotzau, Germany. Production of the contours in the drawing to be transferred by heliogravure upon the intaglio cylinders or plates. 2,135,816; Nov. 8.  
Hintsches, Karl, Oberkotzau, Germany. Fixing the picture carrier on copper intaglio printing cylinders. 2,141,390; Dec. 27.  
Hintz, Otto, Frohnau, near Berlin, assignor to H. Lindner, Berlin-Wittenau, Germany. Gauge for setting internally threaded blanks in a thread grinding machine. 2,112,491; Mar. 29.  
Hintze, Harry. (See Dolphi, J. J., and Hintze.)  
Hintze, Rudolf, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Refrigerating apparatus of the compression type. 2,128,090; Aug. 23.  
Hinze, Albert, Ardmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Container. 2,138,699; Nov. 29.  
HI-Production Wheel Corporation. (See Shields, William R., assignor.)  
Hipsley, George W., Philadelphia, Pa., assignor of ten one-hundredths to J. G. Mathé, San Salvador, El Salvador. Indicating device for vehicle lights. 2,140,229; Dec. 13.  
Hipwell, Harry T., assignor to Wolverine Supply and Manufacturing Company, Pittsburgh, Pa. Game. 2,138,764; Nov. 29.  
Hiram, Herbert, Petaluma, Calif. Signaling device. 2,140,699; Dec. 20.  
Hirche, Willy, Leopoldshain, Gorlitz-Land, assignor to Berlin-Suhler Waffen- und Fahrzeugwerke G. m. b. H., Berlin, Germany. Compression refrigerating machine with electromotor. 2,112,289; Mar. 29.  
Hird, Frank E., assignor of one-half to E. Kaufman, Kansas City, Mo. Electromedical instrument. 2,126,257; Aug. 9.  
Hirshman, Julius, Hillside, N. J., assignor to Radio Corporation of America. Electrode structure. 2,135,941; Nov. 8.  
Hirsch, Alf C. (See Krause, A. R., Hutchens, Cullen, and Hirsch.)  
Hirsch, Alfred. (See Elledge, H. G., and Hirsch.)  
Hirsch, Henry, Jersey City, N. J. Paper box. 2,141,438; Dec. 27.  
Hirsch, Joseph. (See Jonas, Alexander, assignor.)  
Hirsch, Jules, New York, N. Y., assignor to Du Jay, Inc. Clip brooch. 2,140,262; Dec. 13.  
Hirsch, Louis, Weehawken, N. J. Needle bar for flat knitting machines. 2,113,788; Apr. 12.  
Hirsch, Louis, Textile Machines, Inc. (See Friedmann, Albert, assignor.)  
Hirsch, Louis, Textile Machines, Inc. (See Ruckel, Erwin, assignor.)  
Hirsch, Peter, and R. Kaiser, Berlin-Reinickendorf, Germany. Pipe coupling. 2,108,714; Feb. 15.  
Hirsch, Rudolph, North Bergen, N. J. Smoker's article. 2,111,588; Mar. 22.  
Hirsch, Samuel, New York, N. Y. High voltage electron discharge device. 2,115,927; May 3.  
Hirsch, Samuel, assignor to A. Mutscheller, New York, N. Y. Transformer. 2,127,218; Aug. 16.  
Hirsch, Sylvan R., Utica, N. Y., assignor to Carbondale Machine Corporation, Harrison, N. J. Beer cooling and dispensing apparatus. 2,140,744; Dec. 20.  
Hirschbeck, Joseph. (See Baumann, W., and Hirschbeck.)  
Hirschberg, Charles A., Mountain Lakes, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Portable drilling rig. 2,104,323; Jan. 4.  
Hirschberg, Charles A., Mountain Lakes, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Drilling machine. 2,111,213; Mar. 15.  
Hirschberger, Josef, South Orange, N. J. Treatment of sulphated fatty alcohols and the products produced thereby. 2,141,245; Dec. 27.  
Hirschberger, Willy. (See Pier, M., Hirschberger, and Lemme.)  
Hirsche, Willy, Leopoldshain, Gorlitz-Land, assignor to Berlin-Suhler Waffen- und Fahrzeugwerke G. m. b. H., Berlin, Germany. Compression refrigerating machine. 2,115,976; May 3.  
Hirschenfeld, Henry J., Oakland, Calif. Barbecue furnace. 2,109,796; Mar. 1.  
Hirschfeld, Clarence F., Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y. Step construction. 2,130,131; Sept. 13.  
Hirschfeld, Rudolf, New York, N. Y. Vest pocket construction. 2,137,085; Nov. 15.  
Hirschfeld, Rudolf, New York, N. Y. Vest construction. 2,137,086; Nov. 15.  
Hirschfeld, Rudolf, New York, N. Y. Spool carrier. 2,137,087; Nov. 15.  
Hirschfeldt, Hans, London, England. Impulse transmitter. 2,114,469; Apr. 19.  
Hirschhorn, Leo. (See Barrett, A., and Hirschhorn.)  
Hirschkind, Wilhelm, Berkeley, Calif., assignor to Great Western Electro-Chemical Company. Making ammonium chloride. 2,133,513; Oct. 18.  
Hirsch, Marcus A., Chicago, and C. J. Merriam, Winnetka, Ill., assignors to The Guardite Corporation. Vacuum moistening process. 2,139,681; Dec. 13.  
Hirschson, Richard, Berlin-Pankow, Germany. Machine for automatic forming and delivery of ice-cream. 2,136,505; Nov. 15.  
Hirsh, Benjamin W. (See Glass, J. V. S., and Hirsh.)  
Hirsh, Martha H., South Orange, N. J. Cap. 2,119,330; May 31.  
Hirshfeld, Clarence F., Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y. Wheel assembly. 2,124,350; July 19.  
Hirshfeld, Clarence F., Detroit, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Spring. 2,127,219; Aug. 16.  
Hirshman, Abram. (See Cordiano, D., and Hirshman.)  
Hirshstein, Joseph, Cleveland, Ohio. Grease interceptor. 2,140,581; Dec. 20.  
Hirshstein, Joseph, Cleveland, Ohio. Water clarifying apparatus for reclaiming oil and grease. 2,140,582; Dec. 20.  
Hirt, Rudolf. (See Martin, H., and Hirt.)  
Hirth, Hellmuth, assignor to Hirth Motoren G. m. b. H., Stuttgart-Zuffenhausen, Germany. Engine structure. 2,119,104; May 31.  
Hirth Motoren G. m. b. H. (See Hirth, Hellmuth, assignor.)  
Hiscock, Thorp, Seattle, Wash., assignor to United Aircraft Corporation. Spark plug shielding. 2,113,500; Apr. 12.  
Hiscox, William A., Littleover, near Derby, England. Crushing and breaking apparatus. 2,138,657; Nov. 29.  
Hiser, Roney W., Samaria, assignor of one-third to W. H. Rasey, Temperance, Mich. Self righting support. 2,123,420; July 12.  
Hiss, George F., Los Angeles, Calif. Shirt board. 2,120,466; June 14.  
Hitchcock, Albert E. (See Zimmerman, P. W., and Hitchcock.)  
Hitchcock, Forest B. (See Preston, N. D., and Hitchcock.)  
Hitchcock, Forest B., Greece, assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,135,240; July 26.  
Hitchcock, Forest B., Greece, assignor to General Railway Signal Company, Rochester, N. Y. Time element relay. 2,132,109; Oct. 4.



- Hitchcock, Reuben, Cleveland, Ohio, assignor, by mesne assignments, to Dexter Folder Company, New York, N. Y. Paper handling machine. 2,124,855; July 26.
- Hitchcock, Richard C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Traffic signal. 2,131,009; Sept. 20.
- Hitchens, Sherman B., Missouri Valley, Iowa. Snow plow. 2,116,945; May 10.
- Hite, Harold H., Pataskala, Ohio. Cigarette lighter and holder. 2,123,779; July 12.
- Hite, John S., Leesburg, Va. Milk bottle holder. 2,110,800; Mar. 8.
- Hitner, Harry F. (See Koupal, W. G., and Hitner.)
- Hitner, Harry F., Oakmont, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for making glass. 2,122,469; July 5.
- Hitner, Harry F., Oakmont, Pa. Electric light reflector. 2,134,788; Nov. 1.
- Hitsman, Lester V., and W. E. Schultz, Boone, Iowa. Apparatus for testing pullorum disease. 2,118,305; May 24.
- Hittle, Dalphin L. (See Arthur, J. L., and Hittle.)
- Hittle, Dalphin L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition device. 2,115,462; Apr. 26.
- Hittle, Harry F. (See Dempsey, Harry W., assignor.)
- Hittle, Harry F. (See Wightman, Arthur I., assignor.)
- Hitzgrath, Paul, Rockville Centre, assignor to The Glenby Company, Inc., New York, N. Y. Hair curling apparatus. 2,139,751; Dec. 13.
- Hixon, Alfred J., Braintree, Mass. Connecting device for electrical conductors. 2,139,125; Dec. 6.
- Hixson, Arthur W. (See Plechner, W. W., and Hixson.)
- Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Solvent refining of petroleum oils. 2,138,166; Nov. 29.
- Hixson, Omer E., Edom, Calif. Bearing jig. 2,109,568; Mar. 1.
- Hjelm, Alfred, Plentywood, assignor of one-half to A. Hansen, Wolf Point, Mont. Cleaning and extracting machine. 2,138,853; Dec. 6.
- Hjerpe, Eric B., Pittsburgh, and W. A. Gruse, Wilkinsburg, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Solvent dewaxing and extracting of petroleum oils. 2,110,627; Mar. 8.
- Hjerpe, Eric B., Pittsburgh, and W. A. Gruse, Wilkinsburg, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Petroleum oil refining. 2,141,085; Dec. 20.
- Hjort, Henry, Bay Terrace, Staten Island, N. Y. Revolving retouching desk. 2,125,613; Aug. 2.
- Hlasney, John, Jr., New York, N. Y. Adjustable piston for internal combustion engines. 2,127,361; Aug. 16.
- Hlinsky, Roman, and J. S. Jablonsky, Berwyn, Ill. Nozzle. 2,114,709; Apr. 19.
- Hloch, Albert, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Oxygen generating apparatus. 2,114,142; Apr. 12.
- Hoag, Merritt C., Johnsonville, N. Y. Bacteria plate cabinet. 2,124,250; July 19.
- Hoag, Roderick W., Melrose, Mass. Making folding boxes. 2,139,268; Dec. 6.
- Hoagland, Reginald W., Washington, D. C., and C. M. Shepherd, Cottage City, Md., assignors to Automatic Guns, Incorporated, Washington, D. C. Firing pin arrangement for guns. 2,135,005; Nov. 1.
- Hoague-Sprague Corporation. (See Dallas, Robert M., assignor.)
- Hoague-Sprague Corporation. (See Knowlton, Cutler D., assignor.)
- Hoak, Clarence B., Steubenville, Ohio. Normalizing furnace. 2,104,518; Jan. 4.
- Hoak, Clarence B., Steubenville, Ohio. Normalizing furnace. 2,141,108; Dec. 20.
- Hoare, Stephen C., Manchester, Mass., assignor to General Electric Company. Magnetic detector. 2,123,045; July 5.
- Hoarle, Fred J., Newark, N. J., assignor to Celluloid Corporation. Transparent container. 2,141,752; Dec. 27.
- Hoban, Fairfield W., assignor to Stewart & McGuire, Inc., New York, N. Y. Dispensing machine. 2,133,453; Oct. 18.
- Hoban, Fairfield W., assignor to Stewart & McGuire, Incorporated, New York, N. Y. Dispensing apparatus for vending machines. 2,135,665; Nov. 8.
- Hoban, Fairfield W., assignor to Stewart & McGuire, Incorporated, New York, N. Y. Article dispensing apparatus. 2,142,053; Dec. 27.
- Hoban, Hugh C., Dartford, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Electric fuse. 2,111,628; Mar. 22.
- Hobart Brothers Company. (See Hobart, Edward A., assignor.)
- Hobart, Edward A., assignor to Hobart Brothers Company, Troy, Ohio. Welder. 2,130,584; Sept. 20.
- Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Governor mechanism. 2,134,758; Nov. 1.
- Hobart, Henry M., Niskayuna, N. Y., assignor to General Electric Company. Power transmission system. 2,141,912; Dec. 27.
- Hobart, John P., Kalamazoo, Mich. Illuminating device. 2,125,635; Aug. 2.
- Hobart, John P., Kalamazoo, and E. C. Krueger, Otsego, assignors to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Work clamp. 2,137,113; Nov. 15.
- Hobart, Louis C., Southington, Conn., assignor, by mesne assignments, to M. M. Munsill. Electric sharpening device for safety razor blades. 2,106,977; Feb. 1.
- Hobart, Louis C., Southington, Conn., assignor, by mesne assignments, to M. M. Munsill. Sharpening device for safety razor blades. 2,114,347; Apr. 19.
- Hobart, Louis C., Southington, Conn., and K. F. Lees, New York, N. Y., assignor, by mesne assignments, to M. M. Munsill. Self-contained electric sharpening device for safety razor blades. 2,114,348; Apr. 19.
- Hobart Manufacturing Company, The. (See Meeker, David A., assignor.)
- Hobart Manufacturing Company, The. (See Roush, L., and Riedel, assignors.)
- Hobart Manufacturing Company, The. (See Von Pein, Edward J., assignor.)
- Hobbie, Ernst. (See Buchmann, E., and Hobbie.)
- Hobbie, Ernst, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrical control device. 2,137,401; Nov. 22.
- Hobbs, James C., Painesville, Ohio. Separator. 2,127,917; Aug. 23.
- Hobbs, John W., assignor to The George W. Borg Corporation, Chicago, Ill. Automatic switch lamp socket. 2,107,570; Feb. 8.
- Hobbs, Leonard S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Oil pressure relief valve for internal combustion engines. 2,138,969; Dec. 6.
- Hobbs Sales & Service Station, Inc. (See Minkow, Robert, assignor.)
- Hobby, Hampton L., Princeton, Ky. Adjustable locomotive seat. 2,122,345; June 28.
- Hobler, Tadeusz, Paris, France, assignor to Hydro Nitro S. A., Geneva, Switzerland. Production of highly concentrated nitric acid. 2,123,467; July 12.
- Hoblitzelle, Harrison, Wynnewood, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway vehicle structure. 2,110,019; Mar. 1.
- Hoblitzelle, Harrison, Wynnewood, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive structure. 2,110,020; Mar. 1.
- Hobson, H. M., (Aircraft and Motor) Components Limited. (See Swan, A., and Helmore, assignors.)
- Hobson, Roy C., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Cushioning device. 2,108,124; Feb. 15.
- Hobson, Sidney. (See Smith, Morton, assignor.)
- Hobson, Stanley H. (See Hollman, P. I., and Hobson.)
- Hobson, Stanley H., Rockford, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Gas range. 2,116,149; May 3.
- Hobson, Walter, Philadelphia, Pa., and H. H. Woodrow, Milford, Del. Track rail grinding machine. 2,132,470; Oct. 11.
- Hoburg, William L., Glenshaw, R. L. McCandless, Mars, and E. A. Berry, Pittsburgh, Pa., assignors to said Hoburg. Windshield wiper operating means. 2,112,196; Mar. 22.
- Hoch, Edward, Floral Park, N. Y. Body band and support. 2,120,330; June 14.
- Hochberg, Bernhard, Brooklyn, N. Y. Trouser guard. 2,114,532; Apr. 19.
- Hochgesand, Carl P. (See Linde, R., and Hochgesand.)
- Hochmuth, George H. (See Rusnak, J. M., and Hochmuth.)
- Hochofenwerk Lübeck Aktiengesellschaft. (See Faust, E., and Jung, assignors.)
- Hochschwender, Ernst, and H. Thomssen, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Column containing filler bodies. 2,125,343; Aug. 2.
- Hochwalt, Carroll A. (See Ault, W. C., and Hochwalt.)
- Hochwalt, Carroll A. (See Thomas, C. A., and Hochwalt.)
- Hochwalt, Carroll A., and N. N. T. Samaras, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Plastic compositions. 2,115,524; Apr. 26.
- Hocke, Enrico, Genoa, and F. Zarlatti, Rome, Italy. Diesel type locomotive with direct transmission and with automatically supercharged motor when decreasing the velocity. 2,115,525; Apr. 26.
- Hockensmith, Wilbur D., Jr., Irwin, Pa. Mine car. 2,104,395; Jan. 4.
- Hockenyo, George L., Springfield, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Fumigation. 2,132,786; Oct. 11.
- Hockenyo, George L., Springfield, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Method and device for effecting fumigation. 2,132,787; Oct. 11.
- Hocking, John W., Lincoln Park, Mich. Engine fuel. 2,140,627; Dec. 20.
- Hoddeson, Samuel I., New Brunswick, N. J., and R. M. Meiklejohn, assignors to General Chemical Company, New York, N. Y. Cellulose products and making. 2,108,125; Feb. 15.
- Hoddy, George W. (See Hoddy, Joseph S. and G. W.)



- Hoddy, Joseph S. and G. W., assignors to A. G. Redmond Co., Flint, Mich. Dynamo-electric machine. 2,136,301; Nov. 8.
- Hodell Chain Company, The. (See Olmstead, Frederick A., assignor.)
- Hodge, Edward G., Fall River, Mass. Sausage twisting machine. 2,111,185; Mar. 15.
- Hodge, James C. (See Christensen, M., Plaine, Trainer, and Hodge.)
- Hodge, James P., Amarillo, Tex., assignor to General Mills, Inc., Minneapolis, Minn. Pressure releasing apparatus. 2,105,735; Jan. 18.
- Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Textile machinery cleaning apparatus. 2,128,207; Aug. 23.
- Hodges, Albert B. (See Green, W. H., and Hodges.)
- Hodges, Lester E., assignor to Portable Rig Company, Houston, Tex. Brake. 2,127,030; Aug. 16.
- Hodges, Lowell M., Clinton, Mo. Rotary engine. 2,110,524; Mar. 8.
- Hodges, William A. (See Hall, J. P., and Hodges.)
- Hodgess, Frederick L. (See Bennett, J. A. J., and Hodgess.)
- Hodgins, Theodore S. (See Hovey, A. G., and Hodgins.)
- Hodgins, Theodore S., assignor to H. Reichhold, doing business as Reichhold Chemicals, Detroit, Mich. Improving drying properties of oils. 2,133,894; Oct. 18.
- Hodgkins, Albert A., Marblehead, assignor to Everlastik, Incorporated, Chelsea, Mass. Woven elastic fabric. 2,116,701; May 10.
- Hodgkins, Albert A., Providence, R. I., assignor to Universal Gear Shift Corporation, New York, N. Y. Servomotor. 2,121,874; June 28.
- Hodgkins, Albert A., Leonia, N. J., assignor to Almare, Inc., New York, N. Y. Automatic gear shifting. 2,124,507; July 19.
- Hodkinson, Ralph, Worcester, Mass. Traction device for automobiles. 2,126,961; Aug. 16.
- Hodgman, Frederick S. (See Rose, E. L., and Hodgman.)
- Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic steering for ships. 2,120,950; June 14.
- Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Steering repeater compass. 2,120,951; June 14.
- Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic steering device for ships. 2,131,951; Oct. 4.
- Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Mechanical servo mechanism. 2,136,213; Nov. 8.
- Hodgman, Frederick S., Glen Rock, and J. L. Bird, Radburn, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Positional control system. 2,126,887; Aug. 16.
- Hodgman, Willis K., Jr., Taunton, Mass. Dry pipe valve. 2,124,995; July 26.
- Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for inductive devices. 2,126,775; Aug. 16.
- Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Power transmission mechanism for operating brakes. 2,127,335; Aug. 16.
- Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Lifting magnet. 2,140,700; Dec. 20.
- Hodos, Steve J., San Francisco, Calif. Locking mechanism for building structures. 2,123,107; July 5.
- Hodsdon, Floyd G., Milwaukee, Wis., assignor to International Harvester Company. Bracket for releasing milker systems. 2,125,344; Aug. 2.
- Hodsdon, Floyd G., Milwaukee, Wis., assignor to International Harvester Company. Pulsator for milking machines. 2,129,765; Sept. 13.
- Hodson, Walter D., Chicago, Ill. Lubricant. 2,122,940; July 5.
- Hodson, Walter D., Beverly Hill, Ill. Lubricating wire rope. 2,140,426; Dec. 13.
- Hoe, R. & Co. (See Boaz, Arthur R., assignor.)
- Hoe, R., & Co. (See Chaberg, Herman P., assignor.)
- Hoe, R., & Co. (See Fenton, Joseph A., assignor.)
- Hoe, R., & Co. (See Freeman, Raymond A., assignor.)
- Hoe, R., & Co. (See Ginsberg, Charles W., assignor.)
- Hoe, R., & Co. (See Hannaford, Thomas S., assignor.)
- Hoe, R., & Co. (See Horton, Albert J., assignor.)
- Hoe, R., & Co. (See Huck, William F., assignor.)
- Hoe, R., & Co. (See Lamatsch, Frederick, assignor.)
- Hoe, R., & Co. (See Lamatsch, F., and Horton, as assignors.)
- Hoe, R., & Co. (See Little, Harry, assignor.)
- Hoe, R., & Co. (See Lougee, Frederick G., assignor.)
- Hoe, R., & Co. (See Mills, T. J., and Quick, assignors.)
- Hoe, R., & Co. (See Quick, C. G., Ball, and Whitehead, assignors.)
- Hoe, R., & Co. (See Schwarz, Otto, assignor.)
- Hoe, R., & Co. (See Stobb, Anton, assignor.)
- Hoe, R., & Co. (See White, Bruce C., assignor.)
- Hoe, R., & Co. (See Zuckerman, Adolph M., assignor.)
- Hoeffler, Arthur, Chicago, Ill. Conveyor. 2,118,348; May 24.
- Hoeffler, Dudley D., San Leandro, Calif. Dispenser. 2,104,990; Jan. 11.
- Hoefling Bros., Inc. (See Hoefling, John W., assignor.)
- Hoefling, John W., assignor to Hoefling Bros. Inc., Sacramento, Calif. Proportional feeder. 2,117,805; May 17.
- Hoehn, John J., Camden, N. J., assignor to Radio Corporation of America. Power transmission device. 2,106,743; Feb. 1.
- Hoelscher, Friedrich. (See Reppe, W., Hoelscher, and Schneevoigt.)
- Hoelzel, Frederick, Chicago, Ill., assignor to Falk-Baxter, Inc. Laxative. 2,111,286; Mar. 15.
- Hoerbiger, Alfred, Mauer, near Vienna, Austria. Annular automatic valve. 2,127,688; Aug. 23.
- Hoerbiger, Alfred, Mauer, near Vienna, and F. Schabetsberger, Vienna, Austria. Electromagnetically regulating the output of compressors. 2,132,070; Oct. 4.
- Hoerer, Martin. (See Bley, F., and Hoerer.)
- Hoerichs, Edward, Baltimore, Md. Water closet for boats. 2,130,954; Sept. 20.
- Hoerle, William F., assignor to Union Hardware Company, Torrington, Conn. Ball bearing skate wheel. 2,105,354; Jan. 11.
- Hoerner, John P., Harrisburg, Pa. Attachment for lawn mowers. 2,116,829; May 10.
- Hoerster, John H. (See Hewitt, J. F., and Hoerster.)
- Hoesel, Anthony F. (See Kritzer, R. W., and Hoesel.)
- Hoess, Werner. (See Stern, G., and Hoess.)
- Hoessman, Henry W., Gibsonburg, Ohio. Dinner pail and egg crate. 2,104,650; Jan. 4.
- Hoeverler, John A., Mount Lebanon, assignor to Pittsburgh Reflector Company, Pittsburgh, Pa. Illuminating fixture. 2,138,635; Nov. 29.
- Hofbauer, John. (See Stuart, C. A., and Hofbauer.)
- Hofco Pump, Ltd. (See Hoferer, D. W., and Adams, assignors.)
- Hofer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Push-pull amplifier. 2,115,854; May 3.
- Hoferer, Daniel W., Long Beach, Calif. Well pump. 2,135,076; Nov. 1.
- Hoferer, Daniel W., Long Beach, Calif. Pump. 2,137,403; Nov. 22.
- Hoferer, Daniel W., and E. T. Adams, assignors to Hofco Pump, Ltd., Long Beach, Calif. Pump valve construction. 2,137,402; Nov. 22.
- Hoff, Carlton L., York, Pa. Loom. 2,134,125; Oct. 25.
- Hoff, Edward J., Company, The. (See Balthasar, Harry G., assignor.)
- Hoff, Edward J., Company, The. (See Watts, Harry W., assignor.)
- Hoff, George K., 3d., Philadelphia, Pa. Container. 2,138,700; Nov. 29.
- Hoff, Gust C. (See La Hodny, W., and Hoff.)
- Hoff, John G., assignor to The Tappan Stove Company, Mansfield, Ohio. Gas range. 2,105,596; Jan. 18.
- Hoff, John G., assignor to The Tappan Stove Company, Mansfield, Ohio. Back guard assembly and lamp for ranges. 2,130,328; Sept. 13.
- Hoff, John G., assignor to The Tappan Stove Company, Mansfield, Ohio. Nut or bolt holder. 2,140,628; Dec. 20.
- Hoffa, Erwin, and H. Heyna, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble ortho-disazo dyestuffs and fiber dyed therewith. 2,105,919; Jan. 18.
- Hoffberg, Louis. (See Kessel, Johannes B., assignor.)
- Hoffeld, Alfred, Hoopeson, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Corn silker and cleaner. 2,115,107; Apr. 26.
- Hoffer, Ivan L., Seattle, Wash. Tool. 2,110,152; Mar. 8.
- Hoffer, Joseph G. (See Plym, F. J., and Hoffer.)
- Hoffer, Max, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Dialkyl substituted amides of isoxazole carboxylic acids. 2,115,681; Apr. 26.
- Hoffer, Max, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Amide derivatives of isoxazole carboxylic acids. 2,126,329; Aug. 9.
- Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick container. 2,131,046; Sept. 27.
- Hoffman Beverage Company. (See Rue, Harold E., as assignor.)
- Hoffman Beverage Company. (See Rue, H. E., and Field, assignors.)
- Hoffman Beverage Company. (See Rue, H. E., Pityo, and Jonassen, assignors.)
- Hoffman Beverage Company. (See Schmutzer, Charles, assignor.)
- Hoffman Beverage Company. (See Schmutzer, C., and Manrodt, assignors.)
- Hoffman, Carl C., Jr., assignor to Carl C. Hoffman, Inc., St. Louis, Mo. Nail polish applicator. 2,101,651; Jan. 4.
- Hoffman, Carl C., Inc. (See Hoffman, Carl C., Jr., as assignor.)
- Hoffman, Charles J., York, Pa. Frame for wire mesh fabric. 2,111,448; Mar. 15.
- Hoffman, Charles W., and J. C. Schmidt, Kenmore, and W. T. Flowers, assignors to Pratt & Lambert, Inc., Buffalo, N. Y. Surface finish and making the same. 2,113,449; Apr. 5.
- Hoffman, Charles W. W. (See Langer, N., and Hoffman.)
- Hoffman, Cyrus F., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Sliding door and frame construction. 2,120,783; June 14.
- Hoffman, Edward L., Montgomery, Ala. Safety belt. 2,105,480; Jan. 18.



- Hoffman, Forrest. (See Hollis, Gaston F., assignor.)  
Hoffman, Fritz, Lodz, Poland. Roller. 2,112,095; Mar. 22.  
Hoffman Gas & Electric Heater Company. (See Clark, Gordon H., assignor.)  
Hoffman, George M., deceased, Upper Montclair, N. J.; R. T. Hoffman, administratrix. Boat. 2,134,042; Oct. 25.  
Hoffman, Grover C., assignor of one-half to H. de Bourgogne, New York, N. Y. Treatment of tissue paper. 2,106,096; Jan. 18.  
Hoffman, Henry P., Preston, Iowa. Pocket type cigarette extinguisher. 2,134,826; Nov. 1.  
Hoffman, J. C., Inc. (See Hoffman, Joseph C., assignor.)  
Hoffman, John. (See Levy, Sid, assignor.)  
Hoffman, Joseph C., Yonkers, N. Y. Closure for containers. 2,104,540; Jan. 4.  
Hoffman, Joseph C., Yonkers, assignor to J. C. Hoffman, Inc., New York, N. Y. Container. 2,136,795; Nov. 15.  
Hoffman, Louis, Walla Walla, Wash. Chain repairing apparatus. 2,121,400; June 21.  
Hoffman, Morris J., Chicago, Ill. Printing mechanism. 2,119,539; June 7.  
Hoffman, Paul. (See Bancel, P. A., and Hoffman.)  
Hoffman, Paul, La Grange, W. Bender, Downers Grove, and E. Cook, Flossmoor, Ill., assignor, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Apparatus for selectively quenching ferrous sections. 2,116,069; May 3.  
Hoffman, Paul, La Grange, W. Bender, Downers Grove, and E. Cook, Flossmoor, Ill., assignors, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Heat treatment of ferrous sections. 2,116,070; May 3.  
Hoffman, Robert C. (See Venables, James G., assignor.)  
Hoffman, Rose, Hartford, Conn. Garment marker. 2,137,244; Nov. 22.  
Hoffman, Rudolph, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo. Valve. 2,130,955; Sept. 20.  
Hoffman, Ruth T., administratrix. (See Hoffman, George M.)  
Hoffman, Samuel K., and C. H. Wiegman, Williamsport, Pa., assignors, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Fuel injector for internal combustion engines. 2,119,879; June 7.  
Hoffman Specialty Company. (See Lincoln, Roland L., assignor.)  
Hoffman Specialty Company. (See Simpson, William K., assignor.)  
Hoffman, Walter C., Ferndale, Mich., assignor to The Murray Corporation of America. Threshold. 2,132,471; Oct. 11.  
Hoffmann, Alvin A. (See Lofton, W. M., Jr., Jones, Pyle, and Hoffmann.)  
Hoffmann, Bruno, Berlin-Spandau-West, Germany, assignor to General Electric Company. Gas turbine driven supercharger. 2,109,997; Mar. 1.  
Hoffmann, Bruno, Spandau, Germany, assignor to General Electric Company. Elastic fluid power plant. 2,135,305; Nov. 1.  
Hoffmann, Daniel C., Philadelphia, Pa., assignor to General Electric Company. Control system. 2,129,528; Sept. 6.  
Hoffmann, Gilbert F., Wauwatosa, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Viscosimeter. 2,122,470; July 5.  
Hoffmann, Hans O., Zurich, Switzerland. Apparatus for lubrication, as applied in particular to the lubrication of automatic casting machines. 2,111,287; Mar. 15.  
Hoffmann, Joseph H., Bethlehem, Pa., assignor to G. Polysius Aktiengesellschaft, Dessau, Germany. Apparatus for use in the manufacture of cement. 2,112,492; Mar. 29.  
Hoffmann-La Roche Inc. (See Bühler, Emil, assignor.)  
Hoffmann-La Roche Inc. (See Elger, Franz, assignor.)  
Hoffmann-La Roche Inc. (See Frey, A., and Wüest, assignors.)  
Hoffmann-La Roche Inc. (See Hoffer, Max, assignor.)  
Hoffmann-La Roche Inc. (See Klingenfuss, Max, assignor.)  
Hoffmann-La Roche Inc. (See Reichstein, Tadeus, assignor.)  
Hoffmann-La Roche Inc. (See Schnider, Otto, assignor.)  
Hoffmann-La Roche Inc. (See Warnat, Kurt, assignor.)  
Hoffmann, Louis B., Hollywood, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Film driving means. 2,108,337; Feb. 15.  
Hoffmann, Ludwig. (See Grabarse, M., and Hoffmann.)  
Hoffmann, Otto, and H. Lange, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 1'-chloro-1-methyl-5-nitronaphthalene and manufacturing the same. 2,133,389; Oct. 18.  
Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 2,130,844; Sept. 20.  
Hoffoss, John, assignor to Reed Roller Bit Company, Houston, Tex. Core catcher. 2,115,166; Apr. 26.  
Hofstetter, Carl H. and R. F., Erie, Pa. Broiler drawer for gas ranges and the like. 2,105,418; Jan. 11.  
Hofstetter, Robert F. (See Hofstetter, Carl H. and R. F.)  
Hoflin, Richard F. (See Gustin, L. C., and Hoflin.)  
Hoflin, Richard F., Flushing, Long Island, assignor to Webwood Corporation, New York, N. Y. Shoe heel. 2,127,362; Aug. 16.  
Hofmann, Gustav P., New York, N. Y. Container for pharmaceutical purposes. 2,127,918; Aug. 23.  
Hofmann, Hugo, Elizabethton, Tenn., assignor to American Bemberg Corporation, New York, N. Y. Effect yarn and making same. 2,125,230; July 26.  
Hofmann, Joseph, Berlin-Reinickendorf-Ost, assignor to Elektrizitätsgesellschaft "Sanitas", Berlin, Germany. Diathermic apparatus with quenched spark-gap. 2,106,428; Jan. 25.  
Hofmann, Joseph, Berlin-Reinickendorf-Ost, assignor to Elektrizitätsgesellschaft "Sanitas" G. m. b. H., Berlin, Germany. Electrotherapeutic apparatus. 2,106,429; Jan. 25.  
Hofmann, Rudolf, Dormagen, Germany, assignor to Hercules Powder Company, Wilmington, Del. Cellulose esters. 2,126,190; Aug. 9.  
Hofmeier, Hermann. (See Nowak, P., and Hofmeier.)  
Hofstadt, Richard. (See Fink, H., and Hofstadt.)  
Hofstetter, Robert, Jackson, Mich. Hydraulic brake system. 2,130,799; Sept. 20.  
Hogan Invention, Inc. (See Hogan, Kenneth P., assignor.)  
Hogan, James E., Augusta, Ga. Sliding door fastener. 2,118,729; May 24.  
Hogan, Jerry D., Beaumont, Tex. Skirt blocker. 2,110,666; Mar. 8.  
Hogan, John V. L., Forest Hills, assignor to Radio Inventions, Inc., New York, N. Y. Recording paper system. 2,111,776; Mar. 22.  
Hogan, Kenneth P., assignor to Hogan Invention, Inc., Philadelphia, Pa. Doll. 2,111,507; Mar. 15.  
Hogan, Kenneth P., assignor to Hogan Inventions, Inc., Philadelphia, Pa. Toy. 2,119,133; May 31.  
Hogg, Coy C., Titusville, Pa. Oil-bearing sand heater. 2,134,610; Oct. 25.  
Hogg, Emerson E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Capping machine. 2,112,842; Apr. 5.  
Hogg, Francis, Wesleyville, Pa., assignor by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Fuel deflector. 2,119,010; May 31.  
Hogg, Francis, Wesleyville, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Fuel pulverizer and feeder. 2,126,776; Aug. 16.  
Hogg, George, Forest Hills, J. W. Free and G. R. Carroll, Aliquippa, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Welding tool. 2,110,832; Mar. 8.  
Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Collapsible tap for pipe couplings. 2,115,365; Apr. 26.  
Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Positive acting expanding pipe die. 2,130,181; Sept. 13.  
Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Double taper tap. 2,130,182; Sept. 13.  
Hoggatt, Gilbert A., Buffalo, assignor to Certain-Teed Products Corporation, New York, N. Y. Construction material and making same. 2,110,728; Mar. 8.  
Hoggatt, Gilbert A., Snyder, assignor to Certain-Teed Products Corporation, New York, N. Y. Construction material. 2,110,729; Mar. 8.  
Hogsett, Herbert A., Pomona, Calif. Poultry fountain. 2,106,871; Feb. 1.  
Hoh, Simon E. (See Reimer, William E., assignor.)  
Hohf, John P. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)  
Hohl, Carrie E., et al. (See Walde, Albert H., assignor.)  
Hohl, Russell L., assignor to Revere Copper and Brass Incorporated, New York, N. Y. Wall or the like. 2,140,997; Dec. 20.  
Hohl, Russell L., assignor to Revere Copper and Brass Incorporated, New York, N. Y. Wall or the like. 2,140,998; Dec. 20.  
Hohl, Russell L., assignor to Revere Copper and Brass Incorporated, New York, N. Y. Wall or the like. 2,140,999; Dec. 20.  
Hohl, Russell L., assignor to Revere Copper and Brass Incorporated, New York, N. Y. Wall or the like. 2,141,000; Dec. 20.  
Hohl, Russell L., Shaker Heights, Ohio. Sheathing. 2,105,245; Jan. 11.  
Hohlweg, Walter. (See Schoeller, W., Dohrn, and Hohlweg.)  
Hohmann, Hans, New York, N. Y. Direction and position indicator for motor vehicles. 2,118,559; May 24.  
Hohmeister, Arthur E., assignor of one-half to J. C. Denier, Cincinnati, Ohio. Adjustable railing fitting. 2,115,953; May 3.  
Hohner, Martin J., Wheatfield, Ind. Wire handling device. 2,140,676; Dec. 20.  
Hois, Louis J., assignor to Geuder, Paeschke & Frey Co., Milwaukee, Wis. Coffee maker. 2,111,777; Mar. 22.  
Hojnowski, Jakob, Nekoosa, Wis. Railroad spike. 2,114,879; Apr. 19.  
Hojnowski, Jakob, Nekoosa, Wis. Separable button. 2,124,975; July 26.  
Hojnowski, Jakob, Nekoosa, Wis. Railway spike. 2,137,688; Nov. 22.  
Hokanson, Martin, assignor to Eldco, Inc., Duluth, Minn. Drill bit. 2,109,390; Feb. 22.



- Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Drill bit. 2,121,914; June 28.
- Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Ice rack. 2,136,615; Nov. 15.
- Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Grinder workstand. 2,136,616; Nov. 15.
- Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Joint. 2,136,617; Nov. 15.
- Hokansson, Karl B. (See Hammond, C. F., Jr., and Hokansson.)
- Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Pilot and coupler structure. 2,107,376; Feb. 8.
- Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Spring rigging for locomotives and other vehicles. 2,112,622; Mar. 29.
- Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Spring rigging for locomotives and other vehicles. 2,112,623; Mar. 29.
- Hoke, Harry A., and H. A. Brenaman, Altoona, Pa. Self-aligning bearing for connecting rods and the like. 2,126,388; Aug. 9.
- Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive front end construction. 2,132,823; Oct. 11.
- Hoke, Harry A., Altoona, Pa. Brake mechanism. 2,134,789; Nov. 1.
- Hoke, Harry H., Jr., Washington, D. C. Coin controlled machine. Re. 20,713; May 3.
- Hoke, Henry R., Garden City, N. Y. Display booth. 2,109,588; Mar. 1.
- Hoke, John L., New Carlisle, Ind. Grain seeder feed device. 2,115,167; Apr. 26.
- Hokerk, Lynde D. (See Cooper, Frank A., assignor.)
- Hokerk, Lynde D. F., Utica, assignor to Kerk Guild, Inc., Whitesboro, N. Y. Transparent hat box. 2,141,839; Dec. 27.
- Holben, Leonard L., Phillipsburg, Kans. Shirt stay. 2,114,222; Apr. 12.
- Holborn, Frederick. (See Bechberger, P. F., Thompson, and Holborn.)
- Holbrook, Harry T. (See Koch, J. C., and Holbrook.)
- Holby, Frank A., Riverside, Conn., assignor, by mesne assignments, to The William F. Kenny Company, New York, N. Y. Tank truck. Re. 20,863; Sept. 20.
- Holcomb, Cora D., Akron, Ohio. Mat for mounting tile and the like. 2,114,710; Apr. 19.
- Holcomb, Lester F., Freeport, assignor to Paramount Fireworks Company, Inc., New York, N. Y. Skyrocket. 2,107,734; Feb. 8.
- Holcomb, Richard R., assignor to Wm. Wrigley, Jr., Company, Chicago, Ill. Display box. 2,110,600; Mar. 8.
- Holden, Edward J. (See Nordstrom, G. E., and Holden.)
- Holden, James B., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pigmented rubber hydrohalides. 2,136,342; Nov. 8.
- Holden, John A., Baltimore, Md. Commercial mailing form. 2,129,581; Sept. 6.
- Holden, Orloff W., assignor to Knickerbocker Rubber Company, Chicago, Ill. Spray head. 2,136,050; Nov. 8.
- Holden, William C., Ossining, assignor to Carter Carburetor Corporation, New York, N. Y. Throttle valve control means. 2,117,421; May 17.
- Holden, William H. T., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,119,211; May 31.
- Holder, Edward P., New York, and E. L. Miller, Troy, assignors, by mesne assignments, to American Machine and Metals Inc., New York, N. Y. Centrifugal machine. 2,138,167; Nov. 29.
- Holder, William H., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Rack and clamp for enlargers. 2,119,710; June 7.
- Holderer, George B., Scarsdale, N. Y. Liquid oxygen explosive. 2,119,050; May 31.
- Holderie, Carl L. (See Holderie, Frederick W. and C. L.)
- Holderie, Frederick W. and C. L., Rochester, N. Y. Cooling cabinet. 2,125,444; Aug. 2.
- Holderie, Frederick W. and C. L., Rochester, N. Y. Display case. 2,126,111; Aug. 9.
- Holderie, Frederick W. and C. L., Rochester, N. Y. Display case. 2,126,112; Aug. 9.
- Holding, Robert, assignor to Goodwin Granger Company, Denver, Colo. Reel seat. 2,114,107; Apr. 12.
- Holdsworth, Harry, Bronxville, assignor to Holdsworth Bros. Inc., New York, N. Y. Wall construction. 2,105,770; Jan. 18.
- Holdsworth, Harry, Bronxville, assignor to Holdsworth Bros. Inc., New York, N. Y. Wall construction. 2,105,771; Jan. 18.
- Holdsworth, Willie, Seekonk, Mass. Gill drawing frame. 2,116,201; May 3.
- Holek, František, Brunn-Julianov, assignor to Ceskoslovenska Zbrojovka, a. s. Brno, Brno, Czechoslovakia. Gun-carriage. 2,107,824; Feb. 8.
- Holek, Václav, assignor to the firm Ceskoslovenska Zbrojovka A. S., Brno, Czechoslovakia. Automatic firearm. 2,115,526; Apr. 26.
- Hollener, Edward M., assignor to The Ohlen-Bishop Company, Columbus, Ohio. Tool handle attaching and shock-absorbing means. 2,133,005; Oct. 11.
- Holhut, Michael, Jennings, assignor to H & H Machine & Motor Parts Co., St. Louis, Mo. Carbon removing tool. 2,104,900; Jan. 11.
- Holhut, Michael, Jennings, assignor to H & H Machine & Motor Parts Co., St. Louis, Mo. Boring tool. 2,115,952; May 3.
- Holhut, Michael, and W. G. Vollmer, assignors to H & H Machine & Motor Parts Co., St. Louis, Mo. Valve-stem grinding and fitting device. 2,104,345; Jan. 4.
- Holihan, Irving T. (See Tompkins, E. H., and Holihan.)
- Holiness Church of El Monte, Calif., The. (See Bangle, John W., assignor.)
- Hollabaugh, Cleveland B., assignor to Hercules Powder Company, Wilmington, Del. Producing nitrocellulose solutions. 2,114,491; Apr. 19.
- Holland, Alfred H., and R. A., Winston-Salem, N. C. Refectory table. 2,108,816; Feb. 22.
- Holland Brass Works. (See Liska, William F., assignor.)
- Holland Company. (See Holland, Cyrus J., assignor.)
- Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Vehicle spring. 2,105,651; Jan. 18.
- Holland, Friedrich, Brockton, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Manufacture of stitched and cemented footwear. 2,128,774; Aug. 30.
- Holland, Friedrich, Brockton, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Manufacture of welted footwear. 2,131,375; Sept. 27.
- Holland Furnace Company. (See De Lin, Martin, assignor.)
- Holland, Hal B., assignor, by mesne assignments, of one-fifth to J. Powell, Praise, Ky. Transcript or note holder. 2,121,797; June 28.
- Holland, Hal B., Praise, assignor, by mesne assignments, of seven-thirtieths to I. S. Pineur, Pikeville, Ky., and seven-thirtieths to C. Lemons and S. Lemons, Cynthiaana, Ky., and thirty-two one-thousand one-hundred and twenty-fifths to Z. Powell, Praise, Ky. Jar holder. 2,123,896; July 19.
- Holland, Henry, Cleveland, Ohio. Self-cleaning drainage intake. 2,117,887; May 17.
- Holland, Henry V., Westfield, N. J., assignor to The International Postal Supply Company, Brooklyn, N. Y. Lock. 2,129,324; Sept. 6.
- Holland, Joseph J., Jr., Greenville, Miss. Block making machine. 2,136,009; Nov. 8.
- Holland, Kent B., Sacramento, Calif. Bidding indicator for card tables. 2,113,049; Apr. 5.
- Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Roughage mill. 2,119,336; May 31.
- Holland, Raymond P., Jr., Kenmore, N. Y. Kite. 2,134,403; Oct. 25.
- Holland, Raymond P., Jr., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Stall indicator. 2,110,730; Mar. 8.
- Holland, Robert A. (See Holland, Alfred H. and R. A.)
- Holland Shoe Company. (See Marcus, Tien, assignor.)
- Holland, Sidney S., Sandusky, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Receptacle filling and emptying device. 2,112,290; Mar. 29.
- Holland, Sidney S., Sandusky, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironer tray. 2,119,277; May 31.
- Holland, Sidney S., G. F. Traugher, and R. J. McVey, Sandusky, assignors, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Wringer. 2,119,276; May 31.
- Holland, William W., Baltimore, Md., assignor to Petroleum Conversion Corporation, New York, N. Y. Stabilizing gasolines. 2,125,636; Aug. 2.
- Hollander, Aladar, Berkeley, assignor to Byron Jackson Co., Huntington Park, Calif. Semisubmersible motor pump. 2,138,032; Nov. 29.
- Hollander, Charles S. (See Neher, H. T., and Hollander.)
- Hollander, Irving, assignor to Hollander Patents Corporation, New York, N. Y. Umbrella. 2,120,959; June 14.
- Hollander Patents Corporation. (See Hollander, Irving, assignor.)
- Hollway, Roy, Alta Loma, Calif. Direction signal. 2,119,626; June 7.
- Hollcraft, Sybil A. (See Shoup, E. C., and Hollcraft.)
- Hollenbeck, Ernest L., Los Angeles, Calif. Fountain brush and tube holder. 2,133,295; Oct. 18.
- Hollenback, George M., Los Angeles, Calif. Dental device. 2,129,212; Sept. 6.
- Hollenweger, Hans H., Zurich, assignor to Condelex, S. A., Zug, Switzerland. Method and machine for manufacturing elastic helical conducting cords. 2,130,743; Nov. 15.
- Holler, Hermann, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt on the Main, Germany. Apparatus for surface hardening metal articles. 2,132,110; Oct. 4.
- Hollerbach, Martin, et al. (See Erlich, Ludwig and J.)
- Höllerer, Hanns, assignor to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Bavaria, Germany. Apparatus for cleaning and degreasing articles. 2,104,901; Jan. 11.



- Höllerer, Hanns, assignor to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Machine for cleaning and degreasing articles. 2,104,992; Jan. 11.
- Höllerer, Hanns, Munich, assignor to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Drying process. 2,137,404; Nov. 22.
- Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Brake mechanism. 2,124,949; July 26.
- Holletstele, Jan H., Evanston, Ill., assignor, by mesne assignments, to U. S. Electrical Motors, Inc. Variable speed transmission. 2,136,437; Nov. 15.
- Hollett, George B., Saskatoon, Saskatchewan, Canada. Wheeled truck. 2,116,312; May 3.
- Hollett, Robert E., Des Moines, Iowa. Trailer coupler. 2,140,132; Dec. 13.
- Holley, Frank J., Ventura, Calif. Graphic pattern or recording machine. 2,136,134; Nov. 8.
- Hollingshead, R. M., Corporation. (See Bagley, Robert M., assignor.)
- Hollingsworth, Alfred V., Indianapolis, assignor to The American Foundry Equipment Company, Mishawaka, Ind. Centrifugal abrading device. 2,135,510; Nov. 8.
- Hollingsworth, Alice, New York, N. Y. Fingernail protector for switchboard operators. 2,129,496; Sept. 6.
- Hollingsworth, Denzil M., assignor to Equipment Rental Corporation, St. Louis, Mo. Tunneling machine. 2,134,478; Oct. 25.
- Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. System of compensating automatic volume control. 2,104,324; Jan. 4.
- Hollingsworth, William A., Puente, Calif. Automobile signal. 2,107,533; Feb. 8.
- Hollins, Abraham and J., Brooklyn, N. Y. Lamp construction. 2,138,579; Nov. 29.
- Hollins, Jesse. (See Hollins, Abraham and J.)
- Hollis, Gaston F., assignor of one-third to F. Hoffman, St. Petersburg, Fla. Spray nozzle. 2,121,401; June 21.
- Hollis, Henry L., Chicago, Ill. Display device. 2,123,361; July 12.
- Hollister, Robert C. (See Clark, C. H., and Hollister.)
- Hollister, Solomon C., Ithaca, N. Y., J. E. Trainer, Akron, and B. T. Kehoe, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Joining tubular members. 2,121,035; June 21.
- Hollister, Thomas L., Miami, Fla. Device for storing exhaust gases in automobiles. 2,116,434; May 3.
- Hollman, Peter I., and S. H. Hobson, Rockford, Ill., assignors, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Automatic oven lighter. 2,116,830; May 10.
- Hollmann, Hans E., Berlin-Wilmersdorf, Germany. Recording device. 2,133,140; Oct. 11.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation system. 2,104,541; Jan. 4.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultrashort wave circuit. 2,111,396; Mar. 15.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Fading elimination. 2,111,778; Mar. 22.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultrashort wave resonance system. 2,115,070; Apr. 26.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultrashort wave receiver. 2,123,242; July 12.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation circuit for retarding field generators. 2,123,727; July 12.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,123,728; July 12.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,130,132; Sept. 13.
- Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Secondary emission tube and circuit. 2,138,920; Dec. 6.
- Hollmann, Heinz, Dortmund, Germany. Dental or like drill. 2,129,843; Sept. 13.
- Holloway, Herman H. (See Lockett, A. M., and Holloway.)
- Holloway, Jesse F. (See Robinson, C. E., and Holloway.)
- Holloway, Jesse F., Aldan, Pa. Truck. 2,107,296; Feb. 8.
- Holloway, Jesse F., Aldan, Pa. Brake rigging for clasp brakes. 2,110,992; Mar. 15.
- Holloway, Jesse F., Aldan, Pa. Brake rigging. 2,112,530; Mar. 29.
- Holloway, Judson H. (See Parrett, A. N., and Holloway.)
- Holloway, Lewis E., Leesburg, Fla. Apparatus for sterilizing grapefruit juice. 2,126,552; Aug. 9.
- Hollup Corporation. (See Bernard, Arthur A., assignor.)
- Hollwager, Frederick, Massillon, assignor of one-half to B. G. Cope, Akron, Ohio. Combination cupboard and table. 2,126,330; Aug. 9.
- Holly, Ludwig F., Madison, N. J. Transferring loose bulk material. 2,116,603; May 10.
- Hollyfield, Ed., El Dorado, Ark. Sucker rod swivel. 2,132,477; Oct. 11.
- Holly-Pax, Inc. (See Reynolds, Dutton C., assignor.)
- Hollywood-Maxwell Company. (See Bowen, Joseph R., assignor.)
- Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Label pressing device. 2,116,790; May 10.
- Holm, Charles L., assignor to Ford Motor Company, Dearborn, Mich. Automobile fuel tank. 2,104,461; Jan. 4.
- Holm, Ernest S., and L. A. Miller, Quincy, Mass. Spark plug tester. 2,115,719; May 3.
- Holm-Hansen, Osmund, Stratford, and N. H. Watts, Bridgeport, Conn., assignors to General Electric Company. Floor polishing machine. 2,119,386; May 31.
- Holm-Hansen, Osmund, Stratford, Conn., assignor to General Electric Company. Vacuum cleaner. 2,133,141; Oct. 11.
- Holm, Melvin M. (See Lyman, A. L., and Holm.)
- Holm, Melvin M. (See Shiffler, W. H., and Holm.)
- Holm, Melvin M. (See Shiffler, W. H., Holm, and Miller.)
- Holm, Sverre, Oslo, Norway. Ski binding. 2,137,048; Nov. 15.
- Holman, Arthur J., East Orange, N. J. Film feeding mechanism. 2,110,875; Mar. 15.
- Holman, Arthur J., East Orange, N. J. Sound and picture aperture unit and film feeding mechanism. 2,120,249; June 14.
- Holman, Henry K., Washington, D. C., dedicated to the free use of the Public in the territory of the United States of America. Grain sampler. 2,110,876; Mar. 15.
- Holman, Herbert E., Garden City, Yiewsley, assignor to Electric & Musical Industries Ltd., Hayes, England. Cathode ray tube. 2,115,855; May 3.
- Holman, James W., Oklahoma City, Okla. Door closer and check. 2,126,258; Aug. 9.
- Holman, Sidney N., Pittsburgh, Pa. Hobbyhorse. 2,129,176; Sept. 6.
- Holmberg, Anders, Stockholm, Sweden. Sintering of concentrates, ores, or the like. 2,137,049; Nov. 15.
- Holmberg, Bernard. (See Beal, A. G., and Holmberg.)
- Holmes, Calvin E. (See Eggers, Clarence C. C., assignor.)
- Holmes, Charles H., Los Angeles, and H. H. Chase, Glendale, Calif. Carton. 2,133,701; Oct. 18.
- Holmes, Dan O. (See Barr, C. D., and Holmes.)
- Holmes, Dwight H., H. T. Burgner, and E. D. MacEwing, assignors to Iconograph Company, Chicago, Ill. Copying apparatus. 2,139,752; Dec. 13.
- Holmes, Earl K., assignor to Falls Steel Tube & Manufacturing Company, Newton Falls, Ohio. Protective device for crankcase ventilators. 2,138,098; Nov. 29.
- Holmes, Edward D., Chicago, Ill., assignor to Sherwin-Williams Company, Cleveland, Ohio. Apparatus for conditioning and dispensing lacquers, enamels, and the like. 2,131,662; Sept. 27.
- Holmes, Edwin J. (See Holmes, Henry H. and E. J.)
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Dobby finger for looms. 2,135,137; Nov. 1.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Fabric guide for take-up. 2,141,652; Dec. 27.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tube frame for Axminster looms. 2,141,653; Dec. 27.
- Holmes Electric Protective Company. (See Chase, L. H., and Loudon, assignors.)
- Holmes, Eric L. (See Adams, B. A., and Holmes.)
- Holmes, Glenn E., assignor to Mexican American Hat Company, St. Louis, Mo. Adjustable helmet sweat. 2,117,764; May 17.
- Holmes, Harlan B., and H. F. Blood, Portland, Oreg., and M. C. Bell, Seattle, Wash., assignors to United States of America as represented by the Secretary of War. Method and apparatus for transferring migratory fish over a dam structure. 2,119,540; June 7.
- Holmes, Harold H., San Jose, Calif. Valve. 2,108,312; Feb. 15.
- Holmes, Harold H., Brighton, assignor to A. S. Campbell Co., Inc., East Boston, Mass. Dispenser for foods and the like. 2,136,263; Nov. 8.
- Holmes, Harry N., Oberlin, Ohio, assignor to Parke, Davis & Company, Detroit, Mich. Obtaining highly purified vitamin A. 2,111,049; Mar. 15.
- Holmes, Henry H. (See Leedham, L. H., and Holmes.)
- Holmes, Henry H., Leicester, assignor, by mesne assignments, to H. Brinton Co., Philadelphia, Pa. Circular knitting machine. 2,106,872; Feb. 1.
- Holmes, Henry H. and E. J., assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 2,110,767; Mar. 8.
- Holmes, Henry S. (See Soehner, J. D., and Holmes.)
- Holmes, Henry S., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Pedal. 2,131,889; Oct. 4.
- Holmes, Horace B., Storm Lake, Iowa. Chicken delouser. 2,140,677; Dec. 20.
- Holmes, John Q., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Tool support. 2,106,214; Jan. 25.
- Holmes, John R., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Engine cooling system. 2,133,514; Oct. 18.



- Holmes, Joseph W., Grand Rapids, Mich. Portable container having carrying frames. 2,138,451; Nov. 29.
- Holmes, Lawrence A., Whittier, Calif. Sample box. 2,127,296; Aug. 16.
- Holmes, Minot K. (See Zimmerman, W. P., and Holmes.)
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,107,942; Feb. 8.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Transmission mechanism. 2,112,843; Apr. 5.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,123,897; July 19.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Transmission mechanism. 2,127,517; Aug. 23.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,131,175; Sept. 27.
- Holmes, Oscar J., Chicago, Ill. Mechanism for causing intermittent film movement. 2,117,806; May 17.
- Holmes, Ralph S., Haddonfield, N. J., assignor to Radio Corporation of America. Television system. 2,109,618; Mar. 1.
- Holmes, Ralph S., Haddonfield, N. J., assignor to Radio Corporation of America. High frequency amplifier. 2,111,397; Mar. 15.
- Holmes, Richard E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. East Pittsburgh, Pa. Air conditioning apparatus. 2,115,720; May 3.
- Holmes, T. J., Company. (See Lohse, Frederick W., assignor.)
- Holmes, Will K., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Cracking oils. 2,133,096; Oct. 11.
- Holmes, William I., Hyattsville, Md., assignor to Washington Institute of Technology, Inc., Washington, D. C. Stop mechanism. 2,122,096; June 28.
- Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,138,099; Nov. 29.
- Holmstrom, Andrew B., and O. Wahlberg, Welwyn Garden City, England, assignors to Norton Company, Worcester, Mass. Method of and apparatus for balancing a grinding wheel. 2,128,673; Aug. 30.
- Holo-Krome Screw Corporation, The. (See Purtell, William A., assignor.)
- Holophone Company. (See Rolph, Thomas W., assignor.)
- Holophone Company. (See Rolph, T. W., and Logan, assignors.)
- Holroyd, John, & Company Limited. (See Meek, Clement, assignor.)
- Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Arc welding system. 2,105,079; Jan. 11.
- Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Automatic arc welding system. 2,132,479; Oct. 11.
- Holst, Gilles, and G. B. Jonas, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Magnetic system. 2,110,153; Mar. 8.
- Holst, Gilles, and H. L. van der Horst, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Cathode for discharge tubes. 2,119,913; June 7.
- Holst, Gilles, W. Elenbaas, and A. van Wyk, Eindhoven, Netherlands, assignors to General Electric Company. Electrical discharge device. 2,122,285; June 28.
- Holst, Lodewyk J. R., Brookline, Pa., assignor to The S. M. M. H. Corporation, Dover, Del. Motion picture apparatus. 2,132,003; Oct. 4.
- Holst, Lodewyk J. R., Brookline, Pa., W. Mayer, Larchmont, and H. R. Menefee, Bronxville, assignors to C. Lens Corporation, New York, N. Y. Lens system. 2,130,347; Sept. 20.
- Holst, Poul F. G., Oaklyn, N. J., assignor to Radio Corporation of America. Amplifier. 2,111,589; Mar. 22.
- Holst, Poul F. G., Oaklyn, N. J., assignor to Radio Corporation of America. Filament supply system for vacuum operated receivers. 2,113,139; Apr. 5.
- Holst, Poul F. G., Audubon, N. J., assignor to Radio Corporation of America. Automatic volume control system. 2,117,664; May 17.
- Holst, Poul F. G., Audubon, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tone control system. 2,133,816; Oct. 18.
- Holst, Poul F. G., Oaklyn, and L. R. Kirkwood, Collingswood, N. J., assignors to Radio Corporation of America. Multichannel radio receiving system. 2,127,816; Aug. 23.
- Holst, Poul F. G., Oaklyn, and L. R. Kirkwood, Collingswood, N. J., assignors to Radio Corporation of America. High fidelity radio receiver. 2,141,391; Dec. 27.
- Holsten, Herman. (See Guenther, E., and Holsten.)
- Holsten, Hermann. (See Hentrich, W., Keppler, and Holsten.)
- Holsten, William H., Essex Falls, assignor of one-half to F. I. Braun, Verona, N. J. Knock-down cot. 2,112,096; Mar. 22.
- Holt, Albert C. (See Lemmon, W. S., Doty, Wals, and Holt.)
- Holt, Albert C. (See Lemmon, W. S., and Holt.)
- Holt, Arthur, Great Crosby, England. Decorative mat sign, or the like. 2,130,183; Sept. 13.
- Holt, Clinton B., Cotton Valley, La. Rotatable drill bit. 2,134,164; Oct. 25.
- Holt, Clinton B., assignor of one-half to E. P. Lewis, Cotton Valley, La. Coupler for rotary well drills. 2,118,350; May 24.
- Holt, Donald A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Melting cyanides. 2,128,819; Aug. 30.
- Holt, Gus A., Chicago, Ill., assignor to Prairie Farm Service Company. Tattoo marker. 2,126,777; Aug. 16.
- Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Waterproofing process. 2,125,376; Aug. 2.
- Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenated resins. 2,130,800; Sept. 20.
- Holt, Helen, New York, N. Y. Pessary. 2,141,040; Dec. 20.
- Holt, Herbert, and E. Brierley, Rochdale, England. Machine for winding yarns or threads or the like on to paper tubes or cones or other bodies. 2,121,352; June 21.
- Holt, James E., et al. (See Bailey, John J., assignor.)
- Holt, Lee C., Wilmington, Del., and G. Etzel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Refining camphor. 2,140,872; Dec. 20.
- Holt, Thomas W., and J. F. Levan, Elkhart, Ind., assignors, by mesne assignments, to The Syracuse Trust Company, trustee. Window construction. 2,108,000; Feb. 8.
- Holt, Thomas W., and J. F. Levan, assignors to Excel Curtain Company, Elkhart, Ind. Blind construction. 2,119,011; May 31.
- Holt, Thomas W., and J. F. Levan, assignors to Excel Curtain Company, Elkhart, Ind. Window construction. 2,138,816; Dec. 6.
- Holter, Alfred, Abbedingen, near Oslo, Norway. Making concrete roads. 2,106,117; Jan. 18.
- Holter, Alfred, Oslo, Norway. Producing dilation slots in concrete road surfaces. 2,129,325; Sept. 6.
- Holthaus, Eugene F., assignor to Invis-A-Grip Company, Los Angeles, Calif. Garment holder. 2,122,141; June 28.
- Holthouse, Harry B., Chicago, Ill. Ignition circuit. 2,117,422; May 17.
- Holtmeier, Anton, Dusseldorf-Hilden, Germany. Lathe with horizontal faceplate. 2,135,640; Nov. 8.
- Holton, Abby J. T., Concord, Vt. Steam cooking boiler and baker. 2,107,480; Feb. 8.
- Holton, Chester M., U. S. Navy. Artificial horizon. 2,118,045; May 24.
- Holton, John H. (See Carrier, W. H., and Holton.)
- Holtz, Abraham, assignor to Sadinoff & Wendroff, Inc., New York, N. Y. Knitting machine. 2,130,236; Sept. 13.
- Holtz, Frederick C., assignor to Sangamo Electric Company, Springfield, Ill. Combination enclosure for electric meters and pull boxes. 2,106,950; Feb. 1.
- Holtz, Frederick C., assignor to Sangamo Electric Company, Springfield, Ill. Jewel bearing for electric meters and the like. 2,111,629; Mar. 22.
- Holtz, Ireneus B., Ashville, Pa. Furnace. 2,128,820; Aug. 30.
- Holtzclaw, John B. (See Mikeska, L. A., and Holtzclaw.)
- Holtzclaw, John B. (See Winnig, C., and Holtzclaw.)
- Holtzer-Cabot Electric Company, The. (See Durbin, Vernon, assignor.)
- Holtzer-Cabot Electric Company, The. (See Kennedy, Carlton L., assignor.)
- Holtzman, John, New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Razor blade and holder. 2,125,501; Aug. 2.
- Holtzman, John, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade. 2,125,502; Aug. 2.
- Holub, Charles J., Columbus, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Apparatus for forming sheet metal elbows. 2,104,993; Jan. 11.
- Holub, John J., Cleero, Ill. Slip divider for air conduits. 2,126,014; Aug. 9.
- Holub, John J., Cleero, Ill. Knock-down shoe for furnaces. 2,131,804; Oct. 4.
- Holveek, Joseph P., Canton, Pa., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Spray nozzle. 2,125,445; Aug. 2.
- Holven, Alfred L., Crockett, Cal. Method and apparatus for indicating the degree of supersaturation of a boiling solution. 2,135,511; Nov. 8.
- Holven, Alfred L., Crockett, Cal. System of control for evaporating apparatus. 2,135,517; Nov. 8.
- Holven, Alfred L., Crockett, Cal. Apparatus for controlling the concentration of boiling solutions. 2,135,513; Nov. 8.
- Holweg, Charles, assignor to Ateliers de Constructions Mecaniques C. & A. Holweg, Strasbourg, France. Process and apparatus for the production of flat bags. 2,129,847; Sept. 13.
- Holy, Josef, Onarga, Ill. Combination portable saw and chopper. 2,114,423; Apr. 19.
- Holy, Henry V. (See Polta, S. J., and Holy.)
- Holz, John W., West Palm Beach, Fla. Fireplace. 2,120,977; June 21.
- Holzbach, Karl. (See Benkert, R., and Holzbach.)



- Holzach, Karl. (See Ohlendorf, H., Baumann, and Holzach.)
- Holzach, Karl, C. Winter, and B. v. Bock, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of azo dyestuffs. 2,109,024; Feb. 22.
- Holzach, Karl, and F. Muehlbauer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Phthalocyanine dyestuff. 2,124,299; July 19.
- Holzach, Karl, Ludwigshafen-on-the-Rhine, and L. Neumann, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 2,126,468; Aug. 9.
- Holzappel, Attalus, Wiesbaden-Eigenheim, assignor to E. Frölich, Osterode/Harz, Germany. Manufacture of multicolored rubber mixings. 2,135,395; Nov. 1.
- Holzappel, Emil, Stuttgart, Germany, assignor to International Business Machines Corporation, New York, N. Y. Record feeding device. 2,111,116; Mar. 15.
- Holzbaur, Eugen, Stuttgart, Germany, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung. Pneumatic governor for internal combustion engines. 2,117,247; May 10.
- Holzcker, Richard, Lake Wales, assignor to Citrus Color & Supply Company, Tampa, Fla. Apparatus for the skin treatment of citrus fruit. 2,119,914; June 7.
- Holzcker, Richard, Lake Wales, assignor of one-third to C. C. Commander, Tampa, and one-third to I. A. Yarnell, Lake Wales, Fla. Bonding citrus fruit skin coloring. 2,119,915; June 7.
- Holzer, Hiram A., assignor of one-half to United Iron Works Company, Pittsburg, Kans., and one-half to J. A. Werme, doing business as J. A. Werme Steel and Iron Works, Oklahoma City, Okla. Detachable counterbalance. 2,123,587; July 12.
- Holzknicht, Felix, Vancouver, British Columbia, Canada, assignor of five per cent to J. Morisi, Washington, D. C. Tie support. 2,133,296; Oct. 18.
- Holzner, Adolf, Brooklyn, N. Y. Counter with telescoped number wheels. 2,117,168; May 10.
- Holzwarth, Carl, Bronx, N. Y. Percolator. 2,134,190; Oct. 25.
- Holzwarth Gas Turbine Co. (See Holzwarth, Hans, assignor.)
- Holzwarth Gas Turbine Co. (See Meininghaus, Ulrich, assignor.)
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Combustion engine power plant for driving vehicles. 2,118,514; May 31.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Apparatus for regulating the duration of the fuel injection in explosion chambers. 2,129,691; Sept. 13.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Method and apparatus for controlling the ignition in explosion chambers. 2,131,047; Sept. 27.
- Homan, John G., Steubenville, Ohio. Candy novelty. 2,106,097; Jan. 18.
- Homan, Ralph W., assignor to The Magee Carpet Company, Bloomsburg, Pa. Machine for selecting and spooling yarns for Axminster looms. 2,126,634; Aug. 9.
- Homasote Company. (See Becher, Hubert L., assignor.)
- Homestead Valve Manufacturing Company. (See Ofeldt, Frank W., assignor.)
- Homeyer, August H. (See Whitmore, F. C., Homeyer, and Noll.)
- Homm, Walter, Bronx, N. Y. Piano. 2,116,117; May 3.
- Hommel, O., Company, The. (See McQuiston, Frederick B., assignor.)
- Honaman, Richard K., Bloomfield, and L. K. Swart, Mountain Lakes, N. J., assignors to American Telephone and Telegraph Company. Gas discharge tube delay circuit. 2,104,128; Jan. 4.
- Honda, Kotaro, Sendai, Japan. Steel for permanent magnets. 2,105,652; Jan. 18.
- Honda, Kotaro, Sendai, Japan. Nickel titanium, cobalt, magnets. 2,105,653; Jan. 18.
- Honda, Kotaro, Sendai, Japan. Nickel, titanium, cobalt, iron, and copper permanent magnet. 2,105,654; Jan. 18.
- Honda, Kotaro, Sendai, Japan. Alloy of nickel, titanium, cobalt, iron, and aluminum for permanent magnets. 2,105,655; Jan. 18.
- Honda, Kotaro, Sendai, Japan. Nickel, titanium, cobalt, iron, and manganese permanent magnet. 2,105,656; Jan. 18.
- Honda, Kotaro, Sendai, Japan. Alloy for permanent magnets. 2,105,657; Jan. 18.
- Honda, Kotaro, Sendai, Japan. Permanent magnet. 2,105,658; Jan. 18.
- Honda, Kotaro, and T. Nishina, Sendai, Japan. Magnetic alloys with high initial permeability. 2,114,109; Apr. 12.
- Hondeville, August I., Merced, and J. A. Ellis, assignors to Serv-A-Towel Manufacturing Company, San Francisco, Calif. Towel service cabinet. 2,122,060; June 28.
- Hone, Henry, et al. (See Robinson, Frederick W., assignor.)
- Honegger, John R., Plainfield, N. J. Signaling mail box. 2,132,111; Oct. 4.
- Honegger, Paul, Buelach, assignor to Sulzer Freres Societe Anonyme, Winterthur, Switzerland. Electric smelting furnace cover. 2,116,202; May 3.
- Honegger, Walter, Ruti, assignor to Hess & Cie, Pilgersteg, near Ruti, Switzerland. Adjusting and fixing device on ski bindings. 2,135,895; Nov. 8.
- Hönel, Herbert, Vienna, Austria, assignor to H. Reichhold, Detroit, Mich., doing business as Reichhold Chemicals. Condensation products and producing same. 2,112,022; Mar. 22.
- Hönel, Herbert, Vienna, Austria, assignor to H. Reichhold, Detroit, Mich. Improving resins and fatty oils. 2,139,081; Dec. 6.
- Hönel, Herbert, Vienna, and A. Zinke, Graz, Austria, assignors to H. Reichhold, Detroit, Mich., doing business as Reichhold Chemicals. Phenol-terpene resinous condensation products and making them. 2,123,898; July 19.
- Honert, Joseph, Chicago, Ill. Apparatus for electrical etching. 2,106,455; Jan. 25.
- Honey, Thomas H., New York, N. Y. Protector for electric plugs. 2,136,850; Nov. 15.
- Hongo, Tatsuo, Yokohama, Japan, assignor to General Electric Company, Driving means for spinning machines. 2,138,658; Nov. 29.
- Honig, Frank, Pawtucket, R. I. Winding balls. 2,138,452; Nov. 29.
- Honig, Frank, Pawtucket, R. I., assignor to United States Rubber Products, Inc., New York, N. Y. Crinkled sheet rubber and process and apparatus for making the same. 2,107,735; Feb. 8.
- Honig, Frank, Pawtucket, R. I., assignor to United States Rubber Products, Inc., New York, N. Y. Apparatus for treating the surface of sheet rubber. 2,130,739; Sept. 20.
- Honig, Frank, Pawtucket, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Sheet stretching apparatus. 2,141,913; Dec. 27.
- Hönig, Heinrich, Dusseldorf, Germany, assignor to R. Collins and J. J. Sheridan, Dublin, Irish Free State, and P. M. Scher, London, England. Apparatus for molding hollow articles, for example, from artificial resins. 2,133,027; Oct. 11.
- Honig, Morris, Bronx, N. Y. Fire ladder and safety elevator. 2,109,196; Feb. 22.
- Honigman, Hans, East Cleveland, Ohio, assignor, by mesne assignments, to Marbon Corporation, Chicago, Ill. Sheet drier. 2,136,880; Nov. 15.
- Honing, Wilhelm, Eindhoven, Netherlands, assignor to General Electric Company. Vehicle headlamp. 2,105,419; Jan. 11.
- Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and feeding molten glass. 2,128,249; Aug. 30.
- Honn, Harlan V., San Francisco, Calif. Igniter assembly. 2,141,787; Dec. 27.
- Honne, Isak A. (See Brun, A., and Honne, assignors.)
- Honne, Jacob A. (See Brun, A., and Honne.)
- Honold, Ernst. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)
- Honold, Ernst, Frankfurt-on-the-Main, Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the benzanthranylaminanthraquinone series. 2,131,176; Sept. 27.
- Honold, Ernst, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs. 2,140,873; Dec. 20.
- Honold, Ernst, Frankfurt-on-the-Main-Fechenheim, and C. Taube, Wiesdorf, near Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo-dyestuffs of the anthraquinone series. 2,108,126; Feb. 15.
- Honrine, Jack, New Bern, N. C. Photoengraving camera. 2,141,392; Dec. 27.
- Hontoon, Lewis W. (See Whitney, E. E., and Hontoon.)
- Hood, Arthur M. (See Tomlinson, Fay M., assignor.)
- Hood, Delaware J., and J. H. Winterburg, Philadelphia, assignors to Phoebe Phillips Prime, Paoli, Pa. Reducing solution for the deposition of metallic films. 2,120,203; June 7.
- Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Low expansion annealed glass. 2,106,526; Jan. 25.
- Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Preparation of silica for glass batches. 2,106,745; Feb. 1.
- Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Low expansion glass composition. 2,109,641; Mar. 1.
- Hood, Harrison P., and M. E. Nordberg, assignors to Corning Glass Works, Corning, N. Y. Treated borosilicate glass. 2,106,744; Feb. 1.
- Hood, Harry C., Great Falls, Mont. Self-governing windmill. 2,118,201; May 24.
- Hood, Joseph T., assignor to P. R. Mallory & Co. Inc., Indianapolis, Ind. Electrolytic condenser. 2,129,089; Sept. 6.
- Hood, Myrtle. (See Hood, Orla E., assignor.)
- Hood, Orla E., deceased, Indianapolis, Ind.; E. P. Warren, administrator, assignor to M. Hood. Fire extinguishing and preventing foam, base therefor, and producing the same. 2,122,883; July 5.
- Hood Rubber Company. (See Bodle, Virgil H., assignor.)



- Hood Rubber Company. (See Diller, A. L., and Olson, assignors.)
- Hood Rubber Company. (See Glancy, Warren E., assignor.)
- Hood Rubber Company. (See L'Hollier, Leslie H., assignor.)
- Hood, Stanley R. (See Alban, C. F., and Hood.)
- Hood, Stanley R., and C. F. Alban, Detroit, Mich. Making compound bimetallic elements. 2,125,858; Aug. 2.
- Hood, Walts E., assignor to C. N. Hudson, Harrison, Ark. Internal combustion engine. 2,123,306; July 12.
- Hoof, Addison C., Hinsdale, Ill. Nonmetallic gear wheel and making the same. 2,111,590; Mar. 22.
- Hoogendam, Adriaan M. I., Delft, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Device for the interruption of the fuel supply to a burner for liquid fuel. 2,118,349; May 24.
- Hook, Arthur E., Fort Hall, Idaho. Belt loop. 2,112,897; Apr. 5.
- Hooker, Albert H., Lewiston, assignor to Hooker Electrochemical Company, New York, N. Y. Reduction of contamination by metals in caustic alkali solutions. 2,109,250; Feb. 22.
- Hooker, Clarence H., et al. (See Cahaney, James M., assignor.)
- Hooker Electrochemical Company. (See Hooker, Albert H., assignor.)
- Hooker Electrochemical Company. (See Marsh, William J., assignor.)
- Hooker Electrochemical Company. (See Marsh, W. J., and Spina, assignors.)
- Hooker Electrochemical Company. (See Osborne, Sidney G., assignor.)
- Hooker, James E. (See Blank, Elmer H., assignor.)
- Hooker, Ray O., Fairmont, Calif. Sheet metal shears. 2,121,247; June 21.
- Hooper, F. X., Company. (See Fitchett, Thomas S., assignor.)
- Hooper, F. X., Company. (See Fitchett, T. S., and Greenwood, assignors.)
- Hooper, F. X., Company. (See Greenwood, Henry B., assignor.)
- Hooper, Harold A. (See Hooper, William J., assignor.)
- Hooper, James E., Ruxton, Md., and H. T. Atno, Cedar Knolls, N. J.; said Hooper assignor to Wm. E. Hooper & Sons Company. Boat fender. 2,122,372; June 28.
- Hooper, William E., & Sons Company. (See Clayton, Edwin C., assignor.)
- Hooper, Wm. E., & Sons Company. (See Clayton, E. C., and Heffner, assignors.)
- Hooper, Wm. E., & Sons Company. (See Hooper, J. E., assignor, and Atno.)
- Hooper, William J., Elsau, assignor of one-half to H. A. Hooper, Chicago, Ill. Faucet connector. Re. 20,782; July 5.
- Hoops, Albert H., Savannah, Ga. Charge forming manifold. 2,112,568; Mar. 29.
- Hooven Automatic Typewriter Company. (See Nelson, C. B., and Lindell, assignors.)
- Hooven, Frederick J., Dayton, Ohio. Direction finder. 2,107,633; Feb. 8.
- Hooven, Frederick J., Dayton, Ohio. Aircraft landing system. 2,134,126; Oct. 25.
- Hoover, Charles O., Houston, assignor to Bennett-Clark Co., Inc., San Antonio, Tex. Purifying hydrocarbon oils. Re. 20,938; Dec. 6.
- Hoover, Clair G., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 2,113,066; Apr. 5.
- Hoover Company, The. (See Becker, Bernard C., assignor.)
- Hoover Company, The. (See Collins, Harry L., assignor.)
- Hoover Company, The. (See Cummings, Stanley R., assignor.)
- Hoover Company, The. (See Demaree, H. S., and Smellie, assignors.)
- Hoover Company, The. (See Gerber, Dale C., assignor.)
- Hoover Company, The. (See Grothe, Frank A., assignor.)
- Hoover Company, The. (See Hoover, Howard E., assignor.)
- Hoover Company, The. (See Kitto, William H., assignor.)
- Hoover Company, The. (See Rhed, Floyd M., assignor.)
- Hoover Company, The. (See Sellers, William D., assignor.)
- Hoover Company, The. (See Sellers, W. D., and Babcock, assignors.)
- Hoover Company, The. (See Smellie, Donald G., assignor.)
- Hoover Company, The. (See Snyder, Eugene L., assignor.)
- Hoover Company, The. (See Studer, C. W., and Roshong, assignors.)
- Hoover Company, The. (See Whitaker, Uncas A., assignor.)
- Hoover Company, The. (See Whitaker, U. A., White, and Taylor, assignors.)
- Hoover Company, The. (See White, Harry B., assignor.)
- Hoover Company, The. (See White, H. B., and Becker, assignors.)
- Hoover, Frank M., Youngstown, Ohio. Toy. 2,130,427; Sept. 20.
- Hoover, Howard E., Glencoe, Ill., assignor to The Hoover Company, North Canton, Ohio. Muffler for suction cleaners. 2,130,495; Sept. 20.
- Hoover, James E., Oklahoma City, Okla. Gas lift pump. 2,129,090; Sept. 6.
- Hoover, Kenneth H., Terre Haute, Ind., assignor to Association of American Soap & Glycerine Producers, Inc., New York, N. Y. Condensation composition and preparing same. 2,133,702; Oct. 18.
- Hope, Arnold J., Chicago, Ill. Straightedge. 2,110,877; Mar. 15.
- Hope Natural Gas Company. (See Garner, James B., assignor.)
- Hope, Orville L., East Gastonia, N. C. Grinding card flats. 2,132,240; Oct. 4.
- Hope, Samuel N. (See Broeren, F. L., and Hope.)
- Höper, Karl, Berlin-Charlottenburg, assignor to M. E. Blume, Leipzig, Germany. Mechanical keying attachment for typesetting machines and the like. 2,128,775; Aug. 30.
- Höper, Karl, Berlin-Charlottenburg, assignor to M. E. Blume, Leipzig, Germany. Signal storage tape marking machine. 2,134,303; Oct. 25.
- Hopewell, Frank B., trustee. (See Bowles, E. L., and Smith, assignors.)
- Hopff, Heinrich, P. Garbsch, and F. Teller, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of artificial masses from vinyl esters. 2,108,857; Feb. 22.
- Hopff, Heinrich, and H. Ohlinger, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Diamides of organic dicarboxylic acids and producing same. 2,137,287; Nov. 22.
- Hopff, Heinrich, and G. Steinbrunn, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Ketone-nitrile condensation products. 2,117,720; May 17.
- Hopfield, John J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting glass sheets. 2,125,922; Aug. 9.
- Hopfield, John J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Nonreflecting window. 2,131,875; Oct. 4.
- Hopkan Rivet Company. (See Hoppenstand, David, assignor.)
- Hopkins, Albert S. J., Amherstdale, W. Va. Drier. 2,129,214; Sept. 6.
- Hopkins, Arthur G., Maspeth, N. Y., assignor to McKeesport Tin Plate Corporation. Dispensing liquid from sealed metal cans. 2,134,127; Oct. 25.
- Hopkins, Arthur G., Maspeth, N. Y., assignor to McKeesport Tin Plate Corporation. Spool cover. 2,134,128; Oct. 25.
- Hopkins, Christopher G., Nashville, Tenn. Straight lift pumping unit. 2,130,184; Sept. 13.
- Hopkins, Edwin, New York, N. Y. Teleticket system. 2,126,635; Aug. 9.
- Hopkins, Edwin F., Laurel, Miss., dedicated to the free use of the People of the United States. Treatment and dehydration of fleshy plant materials. 2,137,890; Nov. 22.
- Hopkins, Frank H., Bridgeport, Conn., assignor, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Gauge. 2,141,211; Dec. 27.
- Hopkins, George J., assignor to McCray Refrigerator Company, Kendallville, Ind. Refrigerator. 2,136,362; Nov. 15.
- Hopkins, Harry Stephen, Elmsford, assignor of one-half to Robert Harding, Jr., New York, N. Y. Amusement apparatus. 2,137,976; Nov. 22.
- Hopkins, Horace H., Springfield, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Itcosinous coating compositions. 2,110,085; Mar. 1.
- Hopkins, Lloyd C., Jr., Jersey City, N. J., assignor, by mesne assignments, to Radio Corporation of America. Brazing. 2,131,890; Oct. 4.
- Hopkins, Louis J. (See Grier, J., and Hopkins.)
- Hopkins, Mark A., assignor to Prest-O-Lite Storage Battery Corporation, Indianapolis, Ind. Storage battery vent plug. 2,124,455; July 19.
- Hopkins, Raymond E., Weymouth, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoe bottom units. 2,106,813; Feb. 1.
- Hopkins, Richard M., Rutherford, N. J., assignor to American District Telegraph Company, New York, N. Y. Positive, non-interfering signaling system. 2,113,110; Apr. 5.
- Hopkins, Richard M., Rutherford, N. J., and H. M. LaFord, assignors to American District Telegraph Company, New York, N. Y. Automatic electric signal circuit. 2,116,462; May 3.
- Hopkins, Robert C., Alliance, Ohio. Rotary cutting, mixing, and attrition mill. 2,111,364; Mar. 15.
- Hopkins, Robert K. (See Wilson, D. W., Chute, and Hopkins.)
- Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Manufacturing composite seamless tubes. 2,107,943; Feb. 8.
- Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Plug removing tool. 2,130,496; Sept. 20.



- Hopkins, Roy S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Device for projecting enlarged images. 2,110,484; Mar. 8.
- Hopkins, Thomas S., Los Angeles, Calif. Draft inducer. 2,111,266; Mar. 15.
- Hopkins, Warren B. (See Eyrick, P. A., and Hopkins.)
- Hopkinson, Lawrence T., Washington, D. C. Producing oil from oil containing protein material. 2,107,245; Feb. 1.
- Hopkinson, Lawrence T., Washington, D. C. Canning tuna, clams, and oysters. 2,110,801; Mar. 8.
- Hoppe, Alfred. (See Grote, W., and Hoppe.)
- Hoppe, Edgar, Amsterdam, Netherlands, assignor to St. Regis Paper Company, New York, N. Y. Multiwall bag of paper or similar material. 2,122,061; June 28.
- Hoppe, Edgar, Amsterdam, Netherlands, assignor to St. Regis Paper Company, New York, N. Y. Forming a valve bag. 2,122,062; June 28.
- Hoppe, Walter H. (See Phinney, R. M., and Hoppe.)
- Hoppe, Walter H., assignor to General Railway Signal Company, Rochester, N. Y. Continuous inductive train control system. 2,131,735; Oct. 4.
- Hoppe, Walter H., assignor to General Railway Signal Company, Rochester, N. Y. Continuous inductive train control system. 2,131,736; Oct. 4.
- Hoppe, William, and F. B. Roberts, assignors to National Broad Wrapping Machine Co., Springfield, Mass. Paper roll support. 2,134,043; Oct. 25.
- Hoppenstand, David, Glenshaw, Pa. Lighter. 2,125,637; Aug. 2.
- Hoppenstand, David, assignor to Hopkan Rivet Company, Inc., Pittsburgh, Pa. Inking device. 2,104,396; Jan. 4.
- Hoppenstand, David, Glenshaw, Pa. assignor to Hopkan Rivet Company, Inc., Pittsburgh, Pa. Fastener. 2,111,267; Mar. 15.
- Hoppenstand, David, Glenshaw, Pa., assignor to Mechanical Laboratories, Inc. Clamp. 2,114,903; Apr. 19.
- Hopper, Basil. (See Aldridge, B. G., and Hopper.)
- Hopper, Basil, Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Stabilizing sulphur containing petroleum oils. 2,122,795; July 5.
- Hopper, Basil, and K. Kingman, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Operating dewaxing systems. 2,133,618; Oct. 18.
- Hoppert, Filser D., W. R. Bull, and C. E. Simpson, Springfield, Mass. Machine gun. 2,108,817; Feb. 22.
- Hopwood, John A., Great Neck, N. Y. Milk delivery box. 2,113,404; Apr. 5.
- Hopwood, John A., Great Neck, N. Y. Milk box. 2,134,251; Oct. 25.
- Hopwood, John A., Great Neck, N. Y. Bottle crate. 2,137,114; Nov. 15.
- Hopwood, John M. (See Butzler, Edward W., assignor.)
- Hopwood, John M. (See Colston, Robert, assignor.)
- Hopwood, John M. (See Markson, Alfred A., assignor.)
- Horak, Anton, Chicago, Ill. Aerial rocket. 2,138,168; Nov. 29.
- Horany, Ray N. (See Mitchell, Harley L., assignor.)
- Horbetz, John O., Detroit, Mich. Commode. 2,110,956; Mar. 15.
- Horde's Incorporated. (See Lowey, Roy E., assignor.)
- Horesi, Anthony C. (See Bulfer, A. J., and Horesi.)
- Horger, Oscar J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Wheel and axle assembly and producing same. 2,123,831; July 12.
- Horger, Oscar J., and H. R. Neifert, assignors to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for cold rolling axle journals. 2,114,978; Apr. 19.
- Horger, Oscar J., and H. R. Neifert, assignors to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for cold rolling axle journals. 2,114,979; Apr. 19.
- Hori, Shinjiro, Kanda-ku, Tokyo, Japan. Stencil sheet. 2,122,774; July 5.
- Hornstein, Philip, Chicago, Ill. Mirror unit. 2,114,711; Apr. 19.
- Horlacher, Herman, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine. 2,111,288; Mar. 15.
- Horlacher, Herman, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Combined delayed trip and spindle stop mechanism for machine tools. 2,142,029; Dec. 27.
- Hormann, Roy W., St. Louis, Mo. Bracket for containers. 2,116,576; May 10.
- Hormats, Myer, assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,122,373; June 28.
- Hornbrey, George E., Brounslow, Hooton, England. Tobacco pipe. 2,140,031; Dec. 13.
- Hornel, August, Hoboken, N. J., assignor to National Standard Company. Sheet feeding machine. 2,114,108; Apr. 12.
- Hornel, George A., assignor to Geo. A. Hornel & Company, Austin, Minn. Apparatus for defrosting meat. 2,128,728; Aug. 30.
- Hornel, George A., Los Angeles, Calif., assignor to Geo. A. Hornel & Company, Austin, Minn. Defrosting meat. 2,130,237; Sept. 13.
- Hornel, Geo. A., & Company. (See Hornel, George A., assignor.)
- Horn, Albright, Helena, Ark. Cotton-gin condenser. 2,136,506; Nov. 15.
- Horn, Amos A., Grand Junction, Colo. Cream remover. 2,123,047; July 5.
- Horn, Clarence A., Roselle Park, assignor to Arcturus Development Company, Newark, N. J. Electric tube construction. 2,107,254; Feb. 1.
- Horn, Ernst. (See Fischer, Heinrich, assignor.)
- Horn, Ernst, Nuremberg, Germany. Electric track for toy vehicles. 2,115,108; Apr. 26.
- Horn, Ernst, Nuremberg, Germany. Switch for toy vehicle tracks. 2,121,696; June 21.
- Horn, Ernst, Nuremberg, Germany. Toy airplane. 2,122,346; June 28.
- Horn, Ernst, Nuremberg, Germany. Switch for double tracks for toy vehicles. 2,128,821; Aug. 30.
- Horn, Ernst, Nuremberg, Germany. Toy. 2,133,194; Oct. 11.
- Horn, Erwin A., assignor to I. F. Laucks, Seattle, Wash. Spline panel joint. 2,129,497; Sept. 6.
- Horn, Guido, Berlin-Weissensee, and W. Lippold, Glienicke-Norbahn, assignors to the firma Guido Horn, Berlin-Weissensee, Germany. Taping machine. 2,127,772; Aug. 23.
- Horn and Hardart Baking Co. (See Cunningham, James W., assignor.)
- Horn, Harry J. (See Hunt, J. H., and Horn.)
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 2,111,779; Mar. 22.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,115,420; Apr. 26.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,127,220; Aug. 16.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Producing brake drums. 2,127,597; Aug. 23.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,127,599; Aug. 23.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,130,392; Sept. 20.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,133,142; Oct. 11.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,137,288; Nov. 22.
- Horn, Harry J., Lansing, and H. G. Axtmann, Dearborn, assignors to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,127,598; Aug. 23.
- Horn, Heinz, assignor to Norddeutsche Seekabelwerke A. G., Nordenham, Germany. Insulating joint for electric cables. 2,116,266; May 3.
- Horn, Otto. (See Nicodemus, O. Lange, and Horn.)
- Horn, Ralph B., Brighton, Ala., assignor to The Republic Steel Corporation, Cleveland, Ohio. Burner for sintering machines. 2,109,149; Feb. 22.
- Horn, Walter J., assignor to William H. Horn & Bro., Incorporated, Philadelphia, Pa. Elastic knit fabric. 2,111,472; Mar. 15.
- Horn, William H. (See Gerhardt, W. F., and Horn.)
- Horn, Wm. H., & Brother, Inc. (See Bell, Arthur R., assignor.)
- Horn, William H., & Bro., Incorporated. (See Horn, Walter J., assignor.)
- Hornaday, James K., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,276; Sept. 13.
- Hornberger, Carl S., Glen Ellyn, Ill., assignor to Central Scientific Company. Pinch-cock. 2,127,257; Aug. 16.
- Hornberger, Carl S., Glen Ellyn, and M. N. States, Evanston, Ill., assignors to Central Scientific Company. Vacuum pump. 2,126,553; Aug. 9.
- Hornbostel, Edward A., Des Moines, Iowa. Churn. 2,118,306; May 24.
- Hornbostel, Lloyd. (See Berry, E. E., Hornbostel, and Goodwillie.)
- Horne, Archibald B., Brooklyn, N. Y. Playground apparatus. 2,126,636; Aug. 9.
- Horne, Edward D., West Palm Beach, Fla. Brush. 2,128,822; Aug. 30.
- Horneman, Herman C. (See Hammer, B. W., Horneman, and Parker.)
- Horneman, Herman C. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
- Horneman, Herman C., Danville, Ill., assignor to Research Laboratories of National Dairy Products Corporation, Inc., Baltimore, Md. Apparatus for pasteurizing and deodorizing liquids. 2,130,645; Sept. 20.
- Horner, Albert, assignor to Hawaiian Canneries Company, Ltd., Kapaa, Kauai, Hawaii. Transfer valve for sterilization apparatus. 2,111,892; Mar. 22.
- Horner, Arthur C. (See Myer, J. E., and Horner.)
- Horner, Arthur C. (See Myer, J. E., Horner and Magerstadt.)
- Horner, Harold R., assignor to P. C. Reilly, Indianapolis, Ind. Closure sealing means for cylinders and the like. 2,114,381; Apr. 19.
- Hornickel, Richard, Finkenkrug, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 2,117,791; May 17.
- Horning, Edwin L., Fort Wayne, Ind., assignor to General Electric Company. Mounting for dynamo-electric machines. 2,128,823; Aug. 30.



- Horning, Samuel C., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lead chromate pigments and producing the same. 2,139,753; Dec. 13.
- Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device. 2,128,744; Aug. 30.
- Hörnstein, Karl O., Björkoby, Sweden. Rake. 2,119,165; May 31.
- Horowitz, Alexandre. (See Volz, H. F., Horowitz, and De Groot.)
- Horowitz, Lillian, New York, N. Y. Health belt. 2,104,560; Jan. 4.
- Horowitz, Louis, Brooklyn, N. Y., assignor of one-half to Abraham Wilkow. Adjustable strap for leggings, gaiters and the like. 2,104,369; Jan. 4.
- Horowitz, Max, Brooklyn, assignor of forty-five per cent to M. and I. Friedman, and ten per cent to E. Spiegel, New York, N. Y. Decorative light and chime display. 2,132,297; Oct. 4.
- Horr, John V., Hastings on Hudson, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Collapsible cardboard counter basket. 2,114,492; Apr. 19.
- Horr, John V., Hastings on Hudson, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Knock-down display device. 2,125,111; July 26.
- Horrocks, Harry S., and W. D. Gorman, assignors to H. Brinton Co., Philadelphia, Pa. Movable design wheel for knitting machines. 2,140,078; Dec. 13.
- Horrocks-Ibbotson Company. (See Lauterbach, Alexander, assignor.)
- Horrocks, Roy J., Ionia, Mich. De-icer for aeroplanes. 2,110,731; Mar. 8.
- Horsfield, George, assignor to Warren Trailer Parts Manufacturing Company, Inc., Warren, Pa. Trailer. 2,105,246; Jan. 11.
- Horsley, Caperton B. (See Goldfield, E. R., and Horsley.)
- Horsley, Caperton B., Gates Mills, and E. R. Goldfield, University Heights, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray control means. 2,120,609; June 14.
- Horsley, James H., assignor to Shanklin Manufacturing Company, Chicago, Ill. Roll top box. 2,107,997; Feb. 8.
- Horsley, James H., assignor to Shanklin Manufacturing Company, Chicago, Ill. Tray. 2,141,001; Dec. 20.
- Horsman, Harold M., East Riverdale, Md., assignor to Washington Institute of Technology, Inc., Washington, D. C. Balancing means for modulators. 2,122,097; June 28.
- Horsrud, Ole, assignor to Sears, Roebuck and Co., Chicago, Ill. Firearm. 2,127,919; Aug. 23.
- Horsrud, Ole, assignor to Sears, Roebuck and Co., Chicago, Ill. Adjustable tension clutch for fishing reels. 2,136,438; Nov. 15.
- Horst, E. Clemens, Co. (See Thys, Edouard, assignor.)
- Horst, Emil C., San Francisco, Calif. Keeping the picking fingers of hop picking machines clean. 2,114,712; Apr. 19.
- Horst, Karl. (See Dieterle, W., and Horst.)
- Horster, William H., Tulsa, Okla. Air duct. 2,134,919; Nov. 1.
- Horstmann, Frederick O., P. F., and J. H. G., Bath, England. Gas pressure governor. 2,116,724; May 10.
- Horstmann, John H. G. (See Horstmann, Frederick O., P. F., and J. H. G.)
- Horstmann, Percival F. (See Horstmann, Frederick O., P. F., and J. H. G.)
- Hort, Florence F., New York, N. Y. Apron. 2,105,322; Jan. 11.
- Horter, Beyard M., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control system. 2,108,313; Feb. 15.
- Horton, Albert J. (See Lamatsch, F., and Horton.)
- Horton, Albert J., White Plains, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism and printing machines. 2,106,029; Jan. 18.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Binder tab for web rolls. 2,108,200; Feb. 15.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Renewing web rolls in a printing machine. 2,110,976; Mar. 15.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Sheet folding mechanism. 2,114,124; Apr. 12.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Controlling device for printing machines. 2,122,796; July 5.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Rotary intaglio printing machine. 2,126,778; Aug. 16.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism for printing machines. 2,129,618; Sept. 6.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism for printing machines. 2,135,975; Nov. 8.
- Horton, Albert J., White Plains, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Viewing impressions on a moving web. 2,140,102; Dec. 13.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism for printing machines. 2,140,528; Dec. 20.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism for printing machines. 2,141,137; Dec. 20.
- Horton, Charles W., Jr., Greensboro, N. C. Game apparatus. 2,133,515; Oct. 18.
- Horton, Clyde G. (See Harrold, C. W., and Horton.)
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner for buses. 2,112,197; Mar. 22.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle construction. 2,112,198; Mar. 22.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Fuel feeding system. 2,114,249; Apr. 12.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Suction pump. 2,116,894; May 10.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Snap action. 2,118,792; May 24.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Fuel pump for motor vehicles. 2,119,880; June 7.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,121,233; June 21.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,122,797; July 5.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,126,637; Aug. 9.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Signaling system for motor vehicles. 2,126,638; Aug. 9.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner control mechanism. 2,128,878; Aug. 30.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,129,619; Sept. 6.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,129,620; Sept. 6.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle. 2,138,236; Nov. 29.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Power plant for operating an accessory. 2,138,237; Nov. 29.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper. 2,140,453; Dec. 13.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,142,054; Dec. 27.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Vehicle signaling system. 2,142,055; Dec. 27.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield clearing system. 2,142,056; Dec. 27.
- Horton, Erwin C., Hamburg, H. Hueber, and R. E. Rosson, assignors to Trico Products Corporation, Buffalo, N. Y. Motor vehicle accessory system. 2,119,510; June 7.
- Horton, Frank, assignor to Foreign Rights (Precision Meters) Limited, London, England. Liquid meter. 2,127,773; Aug. 23.
- Horton, Harry A., London, and L. A. Rose, Eastbourne, England. Wearing apparel. 2,131,177; Sept. 27.
- Horton, William G., London, England. Display and like device. 2,111,780; Mar. 22.
- Horvath, Anthony G., assignor to The Dayton Pump & Mfg. Co., Dayton, Ohio. Pump. 2,131,623; Sept. 27.
- Horvath, Artemy A., Newark, Del. Soya meal for feed. 2,132,621; Oct. 11.
- Horvath, William, New Brunswick, N. J. Ball caster. 2,110,269; Mar. 8.
- Horwitz, Nathan G., and N. Dine, New York, N. Y. Liquid pistol. 2,109,589; Mar. 1.
- Horwitz, Hyman, and S. B. Megall, Brooklyn, N. Y. Handbag lock mounting. 2,131,435; Sept. 27.
- Hosbein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Furnace wall construction. 2,110,410; Mar. 8.
- Hosbein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Furnace construction. 2,127,842; Aug. 23.
- Hosbein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Furnace construction. 2,140,185; Dec. 13.
- Hoschke, Frederick A., deceased, by W. Hoschke, executor, assignor to W. Hoschke, South Haven, Mich. Musical instrument. 2,113,317; Apr. 3.
- Hoschke, Wilhelmina, executrix (See Hoschke, Frederick A., assignor.)
- Hosodowich, John M., Waterbury, Conn., assignor to United Chromium, Incorporated, New York, N. Y. Barrel plating apparatus. 2,133,324; Oct. 18.
- Hosok, Louis F., assignor to Nachman Spring Filled Corporation, Chicago, Ill. Flexible chair back construction. 2,141,532; Dec. 27.



- Hosiery Developments Limited. (See Jones, T. H., and Mills, assignors.)
- Hosiery Developments Limited. (See Mills, Robert K., assignor.)
- Hosinski, John, Detroit, Mich. Grain cleaner for threshing machines. 2,106,746; Feb. 1.
- Hosking, Harry J., Brooklyn, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Cyanide manufacture. 2,125,377; Aug. 2.
- Hosking, Harry J., Sea Cliff, and A. R. Bradie, Brooklyn; said Hosking assignor to Foster D. Snell, Inc., Brooklyn, N. Y. Preparation of materials for embossing. 2,112,023; Mar. 22.
- Hosking, Richard T., Wilmette, assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Locking means for threaded elements. 2,112,493; Mar. 29.
- Hoskins, Harold B. (See O'Neill, E. W., and Hoskins.)
- Hoskins, Travis J., Oakdale, Calif. Radio aerial for automobiles. 2,129,766; Sept. 13.
- Hoskyns, Edwin A., Maud, Okla. Vehicle body suspension. 2,134,515; Oct. 25.
- Hosmer, Chester, C., Long Beach, and E. L. Launder, Montebello, assignors to H. and L. Corporation, Huntington Park, Calif. Detachable point for earth digging teeth. 2,124,230; July 19.
- Hosmer, Donald, assignor of one-third to J. V. McCaffrey and one-third to J. W. Wursthorn, Cleveland, Ohio. Method and apparatus for conditioning and filing tabulator cards. 2,141,914; Dec. 27.
- Hospital Appliances, Inc. (See Comper, A., and MacEachern, assignors.)
- Hospo, Inc. (See Crockett, William P., and W. P., Jr., assignors.)
- Hosselkus, Bert C., assignor to L. B. Barber, trading under the name of Vivian Manufacturing Company, St. Louis, Mo. Ice carrier. 2,139,895; Dec. 13.
- Hossfeld, Albert, Winona, Minn. Spring device for drilling machines. 2,123,048; July 5.
- Hostetter, John C., assignor to Corning Glass Works, Corning, N. Y. Refractory for contacting molten glass. 2,106,527; Jan. 25.
- Hostetter, John C., West Hartford, Conn., and J. T. Littleton, Corning, assignors to Corning Glass Works, Corning, N. Y. Insulator. 2,133,768; Oct. 18.
- Hotchkiss, E. H., Company, The. (See Polzer, Fridolin, assignor.)
- Hotchkiss, E. H., Company, The. (See Wheeler, Lester L., assignor.)
- Hotchner, Fred, Los Angeles, Calif. Animated sign. 2,137,289; Nov. 22.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Preparing body blanks for tearing strip containers. 2,104,037; Jan. 4.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Pouring spout container. 2,104,744; Jan. 11.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Ball container. 2,106,175; Jan. 25.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,108,063; Feb. 15.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Making container closures. 2,108,064; Feb. 15.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Pouring spout container. 2,109,483; Mar. 1.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Can cover. 2,109,484; Mar. 1.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,117,324; May 17.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container body forming and cutting mechanism. 2,139,682; Dec. 13.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,141,184; Dec. 27.
- Hotopp, Alfred H., Jr., Caldwell, N. J., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electrostatic condenser. 2,113,961; Apr. 12.
- Hot Spray Humidifier Co. (See Brintnall, Archibald C., assignor.)
- Hotson, Arthur R., executor. (See Hotson, Paul and J. H.)
- Hotson, John H. (See Hotson, Paul and J. H.)
- Hotson, John H., Woodside, Long Island, N. Y. Office device. 2,140,382; Dec. 13.
- Hotson, John H., Woodside, N. Y. Safety razor. 2,141,086; Dec. 20.
- Hotson, Paul, deceased, Acme, Alberta, Canada, A. R. Hotson, executor; and J. H. Hotson, Woodside, Long Island, N. Y. Safety razor. 2,138,063; Nov. 29.
- Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
- Hottenroth, Frederick W., Jr., Lynn, Mass., assignor to General Electric Company. Temperature regulating system. 2,118,647; May 24.
- Hottinger, Edwin J., Dover, N. J. Fuse. 2,129,692; Sept. 13.
- Houchin, Lowell L., Columbus, Ohio. Lens grinding and polishing machine. 2,105,691; Jan. 18.
- Houck, Robert C. (See Sheppard, S. E., and Houck.)
- Houck, Robert C. (See Sheppard, S. E., Houck, and Lambert.)
- Houdaille-Hershey Corporation. (See Dickerson, Dorman B., assignor.)
- Houdaille-Hershey Corporation. (See Ferguson, Arthur P., assignor.)
- Houdaille-Hershey Corporation. (See Hammond, Frederick, assignor.)
- Houdaille-Hershey Corporation. (See Jandus, Herbert S., assignor.)
- Houdaille-Hershey Corporation. (See Jandus, Herbert S., and Short, assignors.)
- Houdaille-Hershey Corporation. (See Jandus, H. S., and Tyson, assignors.)
- Houdaille-Hershey Corporation. (See Lewis, R. W., Jandus, and Tyson, assignors.)
- Houdaille-Hershey Corporation. (See Mabey, Alexander C., assignor.)
- Houdaille-Hershey Corporation. (See Schatzman, George W., assignor.)
- Houdaille-Hershey Corporation. (See Short, Bladen M., assignor.)
- Houde Engineering Corporation. (See Bliss, Sherwood C., assignor.)
- Houde Engineering Corporation. (See Casper, Anthony B., assignor.)
- Houde Engineering Corporation. (See Chisholm, Harry L., Jr., assignor.)
- Houde Engineering Corporation. (See Lautz, C. F., and Peo, assignors.)
- Houde Engineering Corporation. (See McClanahan, L. C., and Riedel, assignors.)
- Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
- Houde Engineering Corporation. (See Peo, R. F., Lautz, and Magrum, assignors.)
- Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del. Catalytic contact apparatus. 2,114,303; Apr. 19.
- Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del. Catalysis. 2,129,693; Sept. 13.
- Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del. Catalytic conversion of hydrocarbons. 2,136,382; Nov. 15.
- Houdry, Eugene J., Philadelphia, Pa., and T. B. Prickett, Woodbury, N. J., assignors to Houdry Process Corporation, Dover Del. Heat exchange apparatus. 2,115,714; May 3.
- Houdry, Eugene J., Philadelphia, Pa., assignor to Houdry Process Corporation, Dover, Del. Reforming of naphtha. 2,141,185; Dec. 27.
- Houdry Process Corporation. (See Houdry, Eugene J., assignor.)
- Houdry Process Corporation. (See Houdry, E. J., and Prickett, assignors.)
- Houdry Process Corporation. (See Lassiat, Raymond C., assignor.)
- Houdry Process Corporation. (See Leamon, William G., assignor.)
- Houdry Process Corporation. (See Parsons, Ralph M., assignor.)
- Houdry Process Corporation. (See Pew, Arthur E., Jr., assignor.)
- Houdry Process Corporation. (See Prickett, Thomas B., assignor.)
- Houdry Process Corporation. (See Shabaker, H. A., and Lassiat, assignors.)
- Houdry Process Corporation. (See Thayer, Clarence H., assignor.)
- Houghland, Albert C., assignor to Crane Company of Minnesota, St. Paul, Minn. Churn. 2,104,462; Jan. 4.
- Houghton, George E., Cedar Rapids, Iowa. Fuel feeding means. 2,136,688; Nov. 15.
- Houghton, Harry W., Glen Echo, Md., assignor to Safety Fumigant Company. Fumigant apparatus. 2,112,624; Mar. 29.
- Houlihan, Rudolph N., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Vanity box. 2,124,300; July 19.
- Houplain, Georges E., Paris, France. Pneumatic braking device. 2,138,547; Nov. 29.
- Houpt, Donald M., Palestine, Ill. Wrapping machine. 2,125,024; July 26.
- Hourmouzes, Samuel. (See Longarzo, Victor, assignor.)
- Housdorfer, Carl R., Maumee, Ohio. Chip conveyer. 2,136,010; Nov. 8.
- House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Nocturnal anticraft fire control system. 2,131,952; Oct. 4.
- House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Universal anticraft sight. 2,139,635; Dec. 6.
- House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Nocturnal anticraft fire control device. 2,139,636; Dec. 6.
- House, John Q., assignor to John H. Leonard, Cleveland, Ohio, trustee. Furnace control device. 2,130,133; Sept. 13.
- Householder, Garrison, South Hadley, and W. V. Shearer, Springfield, assignors to The Beveridge-Marvellum Company, Holyoke, Mass. Decorative paper and making the same. 2,139,269; Dec. 6.
- Housekeeper, Earl J. (See Schellin, J. C., Housekeeper, and Hamilton.)



- Houseman, Harold E., Laconia, N. H., assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting machine. 2,118,815; May 31.
- Houseman, Harold E., assignor to Standard-Trump Bros. Machine Company, Laconia, N. H. Knitting method and machine. 2,134,480; Oct. 25.
- Houseman, Wilbur L., South Orange, N. J., assignor to Standard-Trump Bros. Machine Co., Laconia, N. H. Knitting method and machine. 2,134,479; Oct. 25.
- Houseman, Wilbur L., Maplewood, N. J., assignor to Standard-Trump Bros. Machine Company, Laconia, N. H. Knitting machine. 2,139,754; Dec. 13.
- Houser, Arthur R., Whiting, and J. C. Ducommun, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Tube support. 2,120,805; June 14.
- Houser, Fred C., Chicago, Ill. Golf club. 2,121,387; June 21.
- Houser, Harry P., Waterloo, Iowa. Face meter. 2,107,534; Feb. 8.
- Houston, Claude M., Pittsburgh, Pa. Aerofoil. 2,120,250; June 14.
- Houston, Claude M., Pittsburgh, Pa. Star map. 2,135,287; Nov. 1.
- Houston Compress Company. (See Sinclair, Henry L., assignor.)
- Houston, David F. (See Sager, T. P., and Houston.)
- Houston, Robert L., West Brattleboro, Vt. Record controlled machine. 2,106,801; Feb. 1.
- Houston, Robert L., New York, N. Y. Record controlled machine. 2,106,802; Feb. 1.
- Houtermans, Fritz G. (See Knoll, M., Houtermans, and Schulze.)
- Hovde, Chester A., Mesa, Ariz. Power operated depth control for disk plows. 2,122,286; June 28.
- Hove, Robert V., Capron, Ill. Floor lime spreader. 2,135,077; Nov. 1.
- Hovey, Almon G. (See Jarl, C. H. B., and Hovey.)
- Hovey, Almon G., Pleasant Ridge, assignor to H. Reichhold, doing business as Reichhold Chemicals, Detroit, Mich. Bleaching alkylid resins. 2,107,610; Feb. 8.
- Hovey, Almon G., Pleasant Ridge, and T. S. Hodgins, assignors to H. Reichhold, doing business as Reichhold Chemicals, Detroit, Mich. Urea-formaldehyde-polyhydric alcohol-polybasic acid condensation products. 2,109,291; Feb. 22.
- Hovey, Clarence E., assignor to Gustin-Bacon Manufacturing Co., Kansas City, Mo. Floor construction. 2,130,546; Sept. 20.
- Howland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,132,241; Oct. 4.
- Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated. Coloring molded articles. 2,128,533; Aug. 30.
- Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Plaskon Company, Incorporated. Pressure molding. 2,128,534; Aug. 30.
- Howald, Werner, Zurich, Switzerland. Two-stroke internal combustion engine. 2,140,454; Dec. 13.
- Howald, Werner T., Brooklyn, N. Y. Apparatus for washing tanks and the like. 2,120,784; June 14.
- Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine turning mechanism. 2,129,529; Sept. 6.
- Howard, Arthur W., Monon, Ind. Automatic brake control trailer hitch. 2,133,195; Oct. 11.
- Howard, Cecil D., Swarthmore, and F. R. Maxwell, Rose Valley, assignors to Sun Shipbuilding and Dry Dock Company, Chester, Pa. Valve mechanism for internal combustion engines, compressors, and the like. 2,117,325; May 17.
- Howard, Charles O., Bunker Hill, W. Va. Washer stringing machine. 2,123,780; July 12.
- Howard, Clarence B. (See Rayment, L. C., and Howard.)
- Howard, Clarence B., Oakland, Calif., assignor to E. H. Kueffer. Vehicle direction indicator. 2,111,931; Mar. 22.
- Howard, Clarence B., Oakland, Calif., assignor to E. H. Kueffer. Vehicle direction indicator. 2,114,731; Apr. 19.
- Howard, Clarence B., Oakland, Calif., assignor to E. H. Kueffer. Vehicle signaling switch. 2,134,272; Oct. 25.
- Howard, Clinton W., Washington, D. C., and H. L. Carpenter, Dayton, Ohio. Warning device. 2,128,250; Aug. 30.
- Howard, Ernest A., and K. D. Scott, Cleveland Heights, Ohio, assignors to General Electric Company. Vehicle head lamp. 2,134,558; Oct. 25.
- Howard, Eugene H., Washington, D. C. Counter display stand. 2,120,610; June 14.
- Howard, Forrest K. (See Bluechorn, W. R., and Howard.)
- Howard, Frank A., Elizabeth, N. J. Rotary engine. 2,112,844; Apr. 5.
- Howard, George E., Butler, Pa. Speed regulator. 2,130,088; Sept. 13.
- Howard, George E., Butler, Pa. Speed regulator. 2,138,100; Nov. 20.
- Howard, George E., Butler, Pa., assignor to Hartford Empire Company, Hartford, Conn. Bottom closure of glassware forming mold. 2,118,793; May 24.
- Howard, Guy C., Company, et al. (See Sandborn, Lloyd T., assignor.)
- Howard, Howell H., deceased, Dayton, Ohio; L. H. Howard, executrix. Polo mallet. 2,140,383; Dec. 13.
- Howard, John G. (See McDowell, T. E., and Howard.)
- Howard, John H., Whittier, Calif. Valve for core drills. 2,109,903; Mar. 1.
- Howard, John H., Huntington Park, Calif. Well drilling bit. 2,111,781; Mar. 22.
- Howard, John H., Huntington Park, Calif. Rotary core drill. 2,138,006; Nov. 29.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra; said Catland assignor to Globe Oil Tools Company, Los Nietos, Calif. Rock core drill head. 2,117,481; May 17.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra; said Catland assignor to Globe Oil Tools Company, Los Nietos, Calif. Reamer. 2,122,863; July 5.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, Calif.; said Catland assignor to Globe Oil Tools Company. Reamer cutter mounting. 2,128,416; Aug. 30.
- Howard, John H., and P. C. Efromson, Whittier; said Efromson assignor to Globe Oil Tools Company, Los Nietos, Calif. Reamer cutter mounting. 2,138,007; Nov. 29.
- Howard, John H., Whittier, and A. C. Catland, Alhambra; said Catland assignor to Globe Oil Tools Company, Los Nietos, Calif. Core taking tool. 2,141,840; Dec. 27.
- Howard, John H., Whittier, and A. C. Catland, Alhambra; said Catland assignor to Globe Oil Tools Company, Los Nietos, Calif. Rotary rock bit. 2,141,841; Dec. 27.
- Howard, Joseph O., assignor to Sail-Me Company, Inc., Chicago, Ill. Method and apparatus for making shades. 2,127,119; Aug. 16.
- Howard, Julius G. (See George, H. F., and Howard.)
- Howard, Karl S., Bryn Mawr, and J. H. Locke, Villa Nova, assignors, by mesne assignments, to Ajax Electric Furnace Corporation, Philadelphia, Pa. Apparatus for handling molten metal. 2,106,456; Jan. 25.
- Howard, L. G. (See Evans, Charles E., assignor.)
- Howard, Loretta H., executrix. (See Howard Howell H.)
- Howard, Michael, Endicott, Wash. Gang plow. 2,136,550; Nov. 15.
- Howard, Paul N., Seattle, Wash. Ladder construction. 2,104,303; Jan. 4.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,116,895; May 10.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,138,101; Nov. 29.
- Howard Safety Window, Inc. (See Buchach, Edward M., assignor.)
- Howard, Willard, Newton, Mass. Golf ball position marker. 2,107,944; Feb. 8.
- Howarth, David, Los Angeles, Calif., assignor to South Bend Bait Company, South Bend, Ind. Reel mounting for fishing rods. 2,120,467; June 14.
- Howarth, William. (See Dickie, W. A., Hale, and Howarth.)
- Howe, Donald K. (See Chaveas, N. B., W. C. and L. Kinsley, and Howe.)
- Howe, James F., Worcester, Mass., and M. W. Reed, Shaker Heights, Ohio, assignors to The American Steel and Wire Company of New Jersey. Bridge cable strand. 2,141,138; Dec. 20.
- Howe, John C., Sandusky, Ohio. Chain. 2,117,169; May 10.
- Howe, Kasson, Larchmont, N. Y., assignor to Ward Leonard Electric Company. Rheostat. 2,127,083; Aug. 16.
- Howe, Lewis, East Angus, Quebec, Canada. Bending strength tester. 2,131,805; Oct. 4.
- Howe, Paul J., Ridgewood, N. J., and C. H. Wyss, Jr., assignors to The Western Union Telegraph Company, New York, N. Y. Interiorly illuminated sign. 2,141,139; Dec. 20.
- Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,121,798; June 28.
- Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Relay. 2,134,945; Nov. 1.
- Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Train control system for railroads. 2,135,514; Nov. 8.
- Howe, Winthrop K., and J. F. Merkel, assignors to General Railway Signal Company, Rochester, N. Y. Tractive type relay. 2,134,944; Nov. 1.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic strip. 2,114,187; Apr. 12.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 2,125,567; Aug. 2.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Reel mount spindle. 2,128,776; Aug. 30.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Cord terminal. 2,130,385; Sept. 20.
- Howell Company, The. (See Hoffmann, Wolfgang.)
- Howell, Edward T., Milwaukee, Wis., assignor to F. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dyestuffs of the dibenzanthrone series. 2,140,455; Dec. 13.
- Howell, Harry H. (See Sanders, C. E., Cannon, and Howell.)



- Howell, Harry H., R. E. Rutledge, and C. E. Sanders, Kansas City, Mo., assignors to C. Leavengood, trustee, Kansas City, Kans. Rocking hospital bed. 2,104,745; Jan. 11.
- Howell, Henry C., Rahway, N. J., assignor to Barber Asphalt Corporation, Philadelphia, Pa. Production of mineral surfaced roofing. 2,139,619; Dec. 6.
- Howell, Hugh A., Berwyn, assignor to Frank Raffles, Chicago, Ill. Making cast permanent magnets. 2,121,799; June 28.
- Howell, Hugh A., Berwyn, assignor to F. Raffles, Chicago, Ill. Dynamo-electric machine. 2,131,436; Sept. 27.
- Howell, Joseph C., Fort Lee, N. J. Arch support. 2,140,013; Dec. 13.
- Howell, Kenneth B., Milwaukee, Wis. Combination reducing valve and desuperheater. 2,138,064; Nov. 29.
- Howell, Lynn G., Houston, Tex., assignor to Standard Oil Development Company. Apparatus for locating hydrocarbon deposits in the earth. 2,112,845; Apr. 5.
- Howell, William, Warren, Ohio. Gas sealing box construction for heat treatment and the like. 2,117,423; May 17.
- Howells, Edmund L. (See Howells, Ivor and E. L.)
- Howells, Ivor, Girard, and E. L. Howells, Canton, Ohio. Outlet box. 2,126,259; Aug. 9.
- Howells, Lloyd T., Cleveland Heights, Ohio, A. W. Scheidt, Sewaren, N. J., and H. B. Williams, Lockport, N. Y., assignors to The Electric Smelting and Aluminum Company, Cleveland, Ohio. Anhydrous water soluble silicates and preparing same. 2,110,363; Mar. 8.
- Hower, Charles C., assignor to The Cosma Laboratories Company, Cleveland, Ohio. Flame sensitive current controlling article. 2,106,249; Jan. 25.
- Howie, Alexander, Shaker Heights, and C. H. Bradley, Cleveland, Ohio; said Bradley assignor to said Howie. Apparatus for handling freight containers. 2,116,150; May 3.
- Howie, John W., near Charlotte, assignor of forty percent to J. J. Pierce, Charlotte, N. C. Soldering and welding tool. 2,139,499; Dec. 6.
- Howie, Kenneth, Norristown, Pa. Toy airplane. 2,138,301; Nov. 29.
- Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Needle bar assembly for knitting machines and knitting thereon. 2,124,067; July 19.
- Howland, Henry R., Brooklyn, N. Y. Safety book match. 2,126,015; Aug. 9.
- Howland, Henry R., Brooklyn, N. Y. Safety book match. 2,136,051; Nov. 8.
- Howland, Henry R., Brooklyn, N. Y. Vehicle wheel. 2,137,088; Nov. 15.
- Howland, Louis H. (See Gerke, R. H., Ganzhorn, Howland, and Smallwood.)
- Howland, Omar O., Eagle, Colo. Apparatus for teaching tumbling. 2,107,377; Feb. 8.
- Howlett, Lewis G., assignor to Cookware Company of America, Hartford, Mich. Cooking utensil. 2,134,759; Nov. 1.
- Howorth, Harmon, Cumberland, Md., assignor to Celanese Corporation of America. Yarn guide. 2,123,948; July 19.
- Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Spool. 2,121,234; June 21.
- Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Spool. 2,126,993; Aug. 16.
- Howse, Curtis L. (See Snow, N. L., Thomas, Brelsford, Howse, and Bowers.)
- Howse, Curtis L., and F. Bowers, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 2,126,683; Aug. 9.
- Howse, Curtis L., and H. E. Brelsford, Birmingham, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Fluid treating apparatus. 2,129,215; Sept. 6.
- Howse, Curtis L., Detroit, H. E. Brelsford, Birmingham, S. F. Cox and W. P. Thomas, Highland Park, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Fluid treating apparatus. 2,133,819; Oct. 18.
- Hov, Everard K., and U. P. Arena, Alturas, Calif. Machine for breaking meat fiber. 2,126,554; Aug. 9.
- Hoy, Isaac W., Rhodes, Iowa. Staging bracket. 2,116,831; May 10.
- Hoy, John E., and C. S. Harris, assignors to The Dow Chemical Company, Midland, Mich. Impregnating. 2,135,127; Nov. 1.
- Hoyer, John Z., Conshohocken, Pa., assignor to Kimble Glass Company, Vineland, N. J. Hydrometer barrel plug. 2,117,170; May 10.
- Hoyt, Archer, Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Gravimeter. 2,131,737; Oct. 4.
- Hoyt, Archer, Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Optical system. 2,131,738; Oct. 4.
- Hoyt, Archer, Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Helical ribbon spring measuring apparatus. 2,131,739; Oct. 4.
- Hoyt, Charles E., Beverly, assignor to W. E. Tupper, Topsfield, Mass. Dispensing container. 2,116,973; May 10.
- Hoyt, Herbert L. (See Wilcox, R. L., and Hoyt.)
- Hoyt, Karl R., North Hollywood, Calif., assignor to Telco Corp. Motion-picture film surfacing machine. 2,125,260; July 26.
- Hoyt, Karl R., North Hollywood, Calif., assignor to Telco Corp. Picture film color controlling apparatus. 2,129,060; Sept. 6.
- Hoyt, Karl R., Los Angeles, Calif., assignor to Telco Corporation. Printing apparatus. 2,134,129; Oct. 25.
- Hoyt, Philip S., Clarkesville, Ga., assignor to Southern Mining and Milling Company. Treatment of cyanite ore. 2,105,597; Jan. 18.
- Hoyt, Richard H., Los Angeles, Calif. Holster. 2,109,232; Feb. 22.
- Hoyt, Samuel L. (See Greenidge, C. T., and Hoyt.)
- Hoyt, William H., Oyster Bay, N. Y. Meter for steam boilers. 2,130,463; Sept. 20.
- Hoyt, Worthington. (See Stowell, Edward R., assignor.)
- Hozinsky, Hyman. (See Feuer, S. R., Freedman, Hozinsky, and Balbinder.)
- Hromadka, Joseph, Hamden, Conn. Strainer for cooling systems of internal combustion engines. 2,118,510; May 24.
- Hromatka, Otto. (See Wolfes, O., and Hromatka.)
- Hribar, Joseph, Lockport, Ill. Grinding device. 2,109,292; Feb. 22.
- Hruska, Joseph J., Milwaukee, Wis. Safety vehicle tire. 2,105,859; Jan. 18.
- Hruska, Joseph J., Milwaukee, Wis. Tire. 2,105,860; Jan. 18.
- Hubach, Gustave, Springfield, assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Pneumatic tire tread. 2,124,821; July 26.
- Hubbard and Company. (See Peirce, Charles L., Jr., assignor.)
- Hubbard, Don C., Auburn, Maine. Flexible arch supporting sole. 2,111,666; Mar. 22.
- Hubbard, Don C., Auburn, Maine. Ski heel. 2,131,283; Sept. 27.
- Hubbard, Freda C., executrix. (See Hubbard, Gustaf E., assignor.)
- Hubbard, Gustaf E., deceased, Batavia, Ill., assignor to F. C. Hubbard, executrix. Curtain roll cutter. 2,134,332; Oct. 25.
- Hubbard, Henry M., Cleveland, Ohio. Metal rolling apparatus and method for annular work. 2,132,370; Oct. 4.
- Hubbard, Honore C., and E. G. Davis, Rockford, Ill. Amusement device. 2,138,859; Dec. 6.
- Hubbard, Houston E., Enid, Okla., assignor of one-half to J. S. Lemley, St. Louis, Mo. Cleaning vat. 2,113,806; Apr. 12.
- Hubbard, Joseph G., Youngstown, Ohio. Open hearth valve. 2,106,913; Feb. 1.
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Control system. 2,105,598; Jan. 18.
- Hubbard, Karl H., and L. E. Smith, assignors to Taylor Instrument Companies, Rochester, N. Y. Combination well and bulb construction for thermosensitive devices. 2,135,078; Nov. 1.
- Hubbard Spool Company. (See Howsam, Hilyard C., assignor.)
- Hubbart, James E., Seattle, Wash. Apparatus for cleaning grounds. 2,131,393; Sept. 27.
- Hubbell, Allan C., Long Beach, Calif. Door lock. 2,106,951; Feb. 1.
- Hubbell, Dean S., assignor to H. H. Robertson Company, Pittsburgh, Pa. Abrasive member and making the same. 2,113,729; Apr. 12.
- Hubbell, Dean S., assignor to H. H. Robertson Company, Pittsburgh, Pa. Composite cementitious article. 2,126,191; Aug. 9.
- Hubbell, Harvey, Jr., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Reinforcing jacket for socket shells. 2,116,518; May 10.
- Hubbell, Harvey, Incorporated. (See Bannon, Edward F., assignor.)
- Hubbell, Harvey, Incorporated. (See Hubbell, Harvey, Jr., assignor.)
- Hubbell, Harvey, Incorporated. (See Von Holtz, Charles T., assignor.)
- Hubbell, Jesse P., Fanwood, N. J. Liquid dispensing apparatus. 2,133,817; Oct. 18.
- Hubbell, John P. (See Breyer, F. G., and Hubbell.)
- Hubbell, Theodore B., Lexington, Ky. Weeding and mulching tool. 2,141,533; Dec. 27.
- Hubbuch, Leo P. (See Brubaker, M. M., and Hubbuch.)
- Huber, Charles J., Baltimore, Md. Pump. 2,123,781; July 12.
- Huber, Charles W., St. Louis, Mo. Paperhanger's table attachment. 2,128,147; Aug. 23.
- Huber, Dudley A., Calico Rock, Ark. Curtain tie-back design holder. 2,119,815; June 7.
- Huber, Eugen, and W. Vogt, Leverkusen I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the safranin series. 2,136,507; Nov. 15.
- Huber, George H., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Single side-band transmission system. 2,140,912; Dec. 20.
- Huber, Gustav, Stuttgart, Germany. Seam for sewing together fabrics. 2,110,667; Mar. 8.
- Huber, Hans, and R. Laster, Vienna, Austria, assignors to Hauser & Sobotka A. G., Stadlau, Germany. Producing dry enzymatic preparation from animal organs. 2,132,167; Oct. 4.
- Huber, Henry, Pontiac, Mich. Blade holder. 2,107,736; Feb. 8.



- Huber, J. M., Corporation. (See Price, Howard W., assignor.)
- Huber, Matthew W., assignor to Tuthill Pump Company, Chicago, Ill. Reversible fuel pump. 2,107,152; Feb. 1.
- Huber, Sylvester, assignor to the firm Carl Zeiss, Jena, Germany. Photographic objective. 2,124,301; July 19.
- Huber, Sylvester, assignor to the firm Carl Zeiss, Jena, Germany. Photographic objective. 2,137,615; Nov. 22.
- Huber, Wilhelm. (See Felix, F., and Huber.)
- Hubert, Charles A., Strasbourg, France. Heat-interchange means. 2,140,629; Dec. 20.
- Hubert, Emil, Dessau-Ziebigk, and H. Hecht, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Desulphurizing artificial silk of viscose. 2,128,612; Aug. 30.
- Hubert, Jean, assignor to J. Delviniotti, Paris, France. Clockwork movement. 2,125,638; Aug. 2.
- Hubertz, Halvard P., Chicago, Ill. Signaling system. 2,141,473; Dec. 27.
- Hubler, William G., and F. R. Archibald, Duparquet, Quebec, assignors to Ventures Limited, Toronto, Ontario, Canada. Treating lateritic ores. 2,105,456; Jan. 11.
- Hubley Manufacturing Company, The. (See Brubaker, Jacob E., assignor.)
- Hubschman, Joseph J., Omaha, Nebr. Cornerpiece. 2,128,824; Aug. 30.
- Hucal, William, Chicago, Ill. Milling machine. 2,130,012; Sept. 13.
- Huck-Gerhardt Company. (See Bagley, Wallace E., assignor.)
- Huck-Gerhardt Company. (See Bagley, W. E., and Bartel, assignors.)
- Huck, Louis C., Grosse Pointe Village, Mich., assignor to Huxon Holding Corporation. Rivet and rivet setting. 2,114,493; Apr. 19.
- Huck, Louis C., Buchanan, Mich., assignor to Huxon Holding Corporation. Riveting mechanism. 2,132,112; Oct. 4.
- Huck, Louis C., Buchanan, Mich., assignor to Huxon Holding Corporation. Rivet setting mechanism. 2,132,113; Oct. 4.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Stereotype plate casting mold. 2,110,154; Mar. 8.
- Huck, William F., Richmond Hill, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,120,978; June 21.
- Huck, William F., Richmond Hill, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Forming printing plates. 2,122,142; June 28.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Plate shaving machine. 2,122,143; June 28.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing plate. 2,131,891; Oct. 4.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Stereotype plate casting mold. 2,134,827; Nov. 1.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing plate casting machine. 2,136,383; Nov. 15.
- Huck, William F., Richmond Hill, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Multicolor sheet fed rotary printing machine. 2,138,405; Nov. 29.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Mechanism for cutting and delivering sheets from a web. 2,138,406; Nov. 29.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Multicolor sheet fed rotary printing machine. 2,138,407; Nov. 29.
- Huckfeldt, Gebhard, and A. Bergmann, Altona-on-the-Elbe, Germany. Producing artificial sausage skins. 2,125,025; July 26.
- Huckins, Frank P., Jacksonville, Fla. Device for preventing conflagrations on boats by fuel leaks. 2,121,664; June 21.
- Huckins Yacht Corporation. (See Woodman, Charles K., assignor.)
- Hucks, Robert T. (See Cochran, P. B., and Hucks.)
- Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions and preparing same. 2,118,511; May 21.
- Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of black lake pigments. 2,118,512; May 24.
- Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersing pigments. 2,128,860; Dec. 6.
- Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition and preparing same. 2,140,715; Dec. 20.
- Hucks, Robert T., South River, and G. R. Maher, New Brunswick, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersing pigments and products thereof. 2,114,713; Apr. 19.
- Huckstep, Harry G. and L. T., Pendleton, Oreg. Folding window. 2,137,290; Nov. 22.
- Huckstep, La Rone T. (See Huckstep, Harry G. and L. T.)
- Hudd, Alfred E., Worth, Crawley, England. Train control system. 2,136,439; Nov. 15.
- Huddleston, Julian, Los Angeles, Calif. Flexure means for cementitious structures. 2,129,932; Sept. 13.
- Hudec, Erich, Berlin, Germany. Braun tube. 2,129,005; Sept. 6.
- Hudes, Frederick, Kew Gardens, N. Y. Smoker's pipe with removable adjustable cover. 2,135,179; Nov. 1.
- Hudiakoff, Andrei, New York, N. Y. Tack holder. 2,134,367; Oct. 25.
- Hudoba, Anthony, Struthers, Ohio. Jar top. 2,131,106; Sept. 27.
- Hudson, Charles F., Wichita Falls, Tex. Combination air discharge and vacuum valve. 2,111,473; Mar. 15.
- Hudson, Clarence N. (See Hood, Walts E., assignor.)
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Process and mechanism for rolling endless lengths of metal in reversible mills. 2,105,738; Jan. 18.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Reversible rolling under controlled tension. 2,118,560; May 24.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Butt welding device for metal strips. 2,121,665; June 21.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Reversible rolling under controlled tension. 2,124,880; July 26.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Direct casting of sheet-like metal structures. 2,128,941; Sept. 6.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Direct casting apparatus. 2,128,942; Sept. 6.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Formation of encased structures by direct casting. 2,128,943; Sept. 6.
- Hudson, Finn S., Kansas City, Mo. Wallpaper remover. 2,137,876; Nov. 22.
- Hudson, Finn S., assignor to Dealers' Manufacturing Company, Kansas City, Mo. Metal covered fluid conductor. 2,116,896; May 10.
- Hudson, Franklin. (See Engel, F. A., and Hudson.)
- Hudson, H. D., Manufacturing Company. (See Keating M. H., and Larson, assignors.)
- Hudson, H. D., Manufacturing Company. (See Perron, Walter C., assignor.)
- Hudson, Harold W. (See Goetz, M. T., and Hudson.)
- Hudson, Jesse B., Philadelphia, Pa. Apparatus for teaching swimming. 2,109,775; Mar. 1.
- Hudson, Joseph H., Prentiss, Miss. Side harrow. 2,134,611; Oct. 25.
- Hudson Motor Car Company. (See Allison, William D., assignor.)
- Hudson Motor Car Company. (See Badertscher, Dana K., assignor.)
- Hudson Motor Car Company. (See Greig, James W., assignor.)
- Hudson Motor Car Company. (See Lytle, S. E., and Berry, assignors.)
- Hudson Motor Car Company. (See Meech, James H., assignor.)
- Hudson Motor Car Company. (See Toncray, M. H., and Pickett, assignors.)
- Hudson, Neal E., San Joseph, Calif. Dust confiner and collector for grinding and polishing machines. 2,111,782; Mar. 22.
- Hudson, Richard J. H., Dousland, South Devon, England. Folding structural arrangement of aircraft. 2,141,534; Dec. 27.
- Hudson, Robert F., Richmond, Va. Automatic gun. 2,112,660; Mar. 29.
- Hudson Sharp Machine Company. (See Campbell, Samuel J., assignor.)
- Hueber, Carl J., Cleveland Heights, assignor by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Device for anchoring inking ribbons to spools. 2,104,746; Jan. 11.
- Hueber, Carl J., Cleveland Heights, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Listing mechanism for addressing machines. 2,104,747; Jan. 11.
- Hueber, Carl J., Cleveland Heights, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Platen mechanism for printing machines. 2,104,863; Jan. 11.
- Hueber, Henry. (See Horton, E. C., Hueber, and Rousseau.)
- Huebner, William C., New York, N. Y. Determining ink printing capacities of printing elements. 2,111,068; Mar. 15.
- Huebner, William C., New York, N. Y. Photomechanical printing apparatus. 2,129,767; Sept. 13.
- Huebner, William C., New York, N. Y. Photographic printing apparatus. 2,129,768; Sept. 13.
- Huebner, William C., New York, N. Y. Composing relief printing plates. 2,131,323; Sept. 27.
- Huebner, William C., New York, N. Y. Coating machine. 2,133,516; Oct. 18.
- Huebner, William C., New York, N. Y. Coating apparatus. 2,133,517; Oct. 18.



- Huebner, William C., New York, N. Y. Vacuum holder. 2,133,518; Oct. 18.
- Huebner, William C., New York, N. Y. Controlling photographic exposures. 2,136,588; Nov. 15.
- Huebner, William C., New York, N. Y. Making photographic exposures. 2,139,956; Dec. 13.
- Huebsch, Joseph F., Miami, Fla., and M. F. Huebsch, assignors to Huebsch Manufacturing Company, Milwaukee, Wis. Apparatus for ironing handkerchiefs. 2,134,252; Oct. 25.
- Huebsch Manufacturing Company. (See Huebsch, Joseph F. and M. F., assignors.)
- Huebsch, Monte F. (See Huebsch, Joseph F. and M. F.)
- Huebshman, Paul. (See Kales, W. R., Judd, Heubshman, and Helms.)
- Hueckstead, Walter, Chicago, Ill. Bass drum beater. 2,131,211; Oct. 4.
- Hueglin, Herman C., assignor to Federal Merchandise Company, Chicago, Ill. Fan stand. 2,111,244; Mar. 15.
- Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Mounting for exhaust fans. 2,115,527; Apr. 26.
- Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Mounting for air circulator devices. 2,129,933; Sept. 13.
- Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Motor for mounting for exhaust fans and the like. 2,130,497; Sept. 20.
- Huehn, Werner. (See Dohse, H., and Huehn.)
- Huellebrand, Andrew J., Nashville, Tenn., assignor to Swank Products, Inc. Collar adjusting device. 2,120,070; June 7.
- Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Button positioning mechanism. 2,134,404; Oct. 25.
- Huenergardt, William H., Chicago, Ill. Safety razor. 2,124,402; July 19.
- Huenergardt, William H., Chicago, Ill. Safety razor. 2,125,503; Aug. 2.
- Huenergardt, William H., Chicago, Ill. Razor blade. 2,141,474; Dec. 27.
- Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Braking and ejecting mechanism. 2,128,646; Aug. 30.
- Huenlich, Charles, Bloomfield, and H. F. M. Gramann, Orange, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,113,141; Apr. 5.
- Huenlich, Charles, Bloomfield, and H. F. M. Gramann, Orange, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Record shaving machine. 2,118,202; May 24.
- Huesby, Elmer E., Los Angeles, Calif. Internal combustion motor. 2,107,792; Feb. 8.
- Huet, André, Paris, France. Apparatus for reducing resistance. 2,122,422; July 5.
- Hueter, Richard, Rossau-Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Production of sulphur-containing derivatives of higher fatty alcohols. 2,113,807; Apr. 12.
- Huey Company, The. (See Crowley, C. A., and Goodyear, assignors.)
- Huey, Harold I., Saylesville, and W. W. Russell, East Providence, assignors to Sayles Finishing Plants, Inc., Saylesville, R. I. Crisp sheer fabrics and making same. 2,104,748; Jan. 11.
- Huey, Henry, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,117,424; May 17.
- Huff, Edward I., Pittsburgh, Pa. Annealing furnace and method of annealing. 2,114,382; Apr. 19.
- Huff, Ernest, Rockford, Ill., and A. Keiding, assignors to American Lace Paper Company, Milwaukee, Wis. Apparatus for forming pulp articles. 2,128,745; Aug. 30.
- Huff, Karl. (See Assbroicher, H., and Huff.)
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,107,793; Feb. 8.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion and coking of hydrocarbon oils. 2,114,533; Apr. 19.
- Huff, Lyman C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 2,118,605; May 24.
- Huff, Sargent P., Chevy Chase, Md., and A. Adelman, Chesaning, Mich. Practice bomb. 2,108,818; Feb. 22.
- Huff, Victor C., Bloomfield, N. J. Cable stripper. 2,141,002; Dec. 20.
- Huff, Walter N., Harwood, Tex. Rodless pump. 2,118,307; May 24.
- Huff, Walter N., Harwood, Tex. Rodless pump. 2,123,139; July 5.
- Huff, William L., Decatur, Ill. Cartridge magazine latch for pistols. 2,137,491; Nov. 22.
- Huffer, Glen H., assignor to Backstay Welt Company, Union City, Ind. Laminated trimming strip and making same. 2,119,482; May 31.
- Hufferd, George H. (See Graham, M. P., Hufferd and Casse.)
- Hufferd, George H., assignor to Thompson Products Incorporated, Detroit, Mich. Joint and making the same. 2,106,567; Jan. 25.
- Hufferd, George H., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Load carrying joint. 2,124,034; July 19.
- Hufferd, George H., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Ball joint. 2,126,389; Aug. 9.
- Hufferd, George H., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Trailer hitch. 2,136,440; Nov. 15.
- Hufferd, George H., and M. P. Graham, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Joint. 2,115,774; May 3.
- Hufferd, George H., and M. P. Graham, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Joint stud and making same. 2,141,753; Dec. 27.
- Huffman, Edward E. (See Mitchell, W. M., and Huffman.)
- Huffman, James M., Orland, Calif. Trailer steering mechanism. 2,127,868; Aug. 23.
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Lubricating apparatus. 2,105,491; Jan. 18.
- Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Handle. 2,140,157; Dec. 13.
- Huffman, William E., and G. W. Replogle, Dayton, Ohio. Quick release valve. 2,106,176; Jan. 25.
- Huffstutter, John W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc-extinguishing device. 2,109,216; Feb. 22.
- Huflage, Carl W., Chicago, Ill., assignor to Reynolds Metals Company, Richmond, Va. Lamp shade. 2,132,850; Oct. 11.
- Hufler, Joyse P., and C. P. Wood, assignors to Polymet Manufacturing Corporation, New York, N. Y. Photocell housing. 2,122,941; July 5.
- Hug, Christian J., Highland, Ill. Pneumatic steering device. 2,112,962; Apr. 5.
- Hug, Christian J., Highland, Ill. Truck wheel. 2,120,098; June 7.
- Hugel, Emile J., Etrepagny, France. Treatment of solutions of colloidal and crystalloidal nature, and in particular of sweet juices and residual waters. 2,126,555; Aug. 9.
- Huggett, Walter E., Ilford, England. Manufacture of esters of salicylic acid. 2,141,985; Dec. 27.
- Huggins, Owen R., South Norwalk, Conn., assignor to Photo-Cylinder Corporation. Printing cylinder. 2,117,722; May 17.
- Hughes, A. Evan. (See Sloan, Harry, assignor.)
- Hughes, Ambrose P., Chicago, Ill. Roaster. 2,131,663; Sept. 27.
- Hughes, Boland. (See Binz, A., and Hughes.)
- Hughes, Cecil, Tuffley Crescent, Gloucester, England, assignor to Sure Feed Limited, Cardiff, South Wales. Feeding bottle and device therefor. 2,107,442; Feb. 8.
- Hughes, Charles H. (See Tiddy, W., Hughes, and Oliveros.)
- Hughes, Edwin A., and R. J. Minshall, assignors to Boeing Aircraft Company, Seattle, Wash. Fuel tank for aircraft. 2,113,692; Apr. 12.
- Hughes, Everett C. (See Burk, R. E., and Hughes.)
- Hughes, Everett C., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Manufacture of tubular paper structure. 2,126,556; Aug. 9.
- Hughes, Frederick E., Port Loring, Ontario, Canada. Stove. 2,104,994; Jan. 11.
- Hughes, Frederick G., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,118,885; May 31.
- Hughes, George, Lodi, assignor to The Union Ice Company, San Francisco, Calif. Car cooler. 2,139,500; Dec. 6.
- Hughes, Grover A., assignor to Truscon Steel Company, Youngstown, Ohio. Supporting apparatus for welding operation. 2,104,561; Jan. 4.
- Hughes, Guy N., Gadsden, Ala. Sheet opening machine. 2,117,665; May 17.
- Hughes, Hector P., New London, Conn., assignor to Robert Gair Company, Inc., New York, N. Y. Knock-down island display stand. 2,106,301; Jan. 25.
- Hughes, Hector P., New London, Conn., assignor to Robert Gair Company, Inc., New York, N. Y. Convertible shipping container. 2,134,130; Oct. 25.
- Hughes, Henry, assignor to James Morrison Brass Manufacturing Company Limited, Toronto, Ontario, Canada. Faucet sealing device. 2,128,674; Aug. 30.
- Hughes, Henry, & Son Limited. (See Mackenzie, Edward B. D., assignor.)
- Hughes, Henry, & Son Limited. (See Sproule, Donald O., assignor.)
- Hughes, James D., and R. F. Bolton, assignors of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Los Angeles, Calif. Orienting pipe. 2,136,689; Nov. 15.
- Hughes, James G., Cincinnati, Ohio. Electrical heating device. 2,122,522; July 5.
- Hughes, James L., Oklahoma City, Okla. Catamenial sack. 2,104,423; Jan. 4.
- Hughes, John M. (See Roemer, H. A., and Renkin, assignors.)
- Hughes-Mitchell Processes, Incorporated. (See Mitchell, Thomas A., assignor.)



- Hughes-Mitchell Processes, Incorporated. (See Sessions, Royal L., assignor.)
- Hughes-Mitchell Processes Incorporated. (See Sessions, R. L., and Mitchell, assignors.)
- Hughes, O. D. (See Clark, Otho A., assignor.)
- Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Pressure regulator. 2,115,580; Apr. 26.
- Hughes, Raymond L., Baltimore, Md. Impression tray. 2,117,666; May 17.
- Hughes Tool Company. (See Neuhaus, R., Smith, and Payne, assignors.)
- Hughes Tool Company. (See Schlumpf, R. W., and Sherman, assignors.)
- Hughes Tool Company. (See Scott, Floyd L., assignor.)
- Hughes Tool Company. (See Scott, F. L., and Sherman, assignors.)
- Hughes Tool Company. (See Sherman, Ralph P., assignor.)
- Hughes Tool Company. (See Smith, Fred C., Jr., assignor.)
- Hughes Tool Company. (See Woods, Gorham W., and H. P., assignors.)
- Hughes, Walter, Long Beach, Calif. Hole straightening or reaming bit. 2,122,063; June 28.
- Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Film handling apparatus. 2,135,817; Nov. 8.
- Hughson, Fred M., assignor to United Builders Company, Roanoke, Va. Wall construction and collapsible mold. 2,111,562; Mar. 22.
- Hugvik, Steven, assignor of one-half to J. Grunwald, South Bend, Ind. Separable electrical connector. 2,124,068; July 19.
- Hukari, Ormand, Hood River, Oreg. Spray gun. 2,118,194; May 24.
- Hulbert, George E. (See Indge, H. S., and Hulbert.)
- Hulbert, George E., and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Lapping machine. 2,142,057; Dec. 27.
- Hulbert, John L., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Milking machine. 2,122,471; July 5.
- Hulbert, John L., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Milking machine pulsator. 2,138,921; Dec. 6.
- Hull, Albert W., and W. A. Ruggles, Schenectady, N. Y., assignors to General Electric Company. Cathode structure. 2,107,945; Feb. 8.
- Hull, Charles W., Westfield, N. J., and J. C. Hamill, Laurelton, Long Island, N. Y. Releasable fastener. 2,113,789; Apr. 12.
- Hull, Clifford O. (See Lewis, E. H., and Hull.)
- Hull, Daniel R., Watertown, assignor to The American Brass Company, Waterbury, Conn. Hot workable bronze. 2,105,945; Jan. 18.
- Hull, George K., Fredonia, and R. L. Drake, Dunkirk, assignors to American Locomotive Company, New York, N. Y. Machine for cutting by heat pipes or similar objects angularly crosswise thereof. 2,138,676; Nov. 29.
- Hull, George W., Kansas City, Kans. Soil working implement. 2,131,324; Sept. 27.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,386; Jan. 4.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,105,974; Jan. 18.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,089; Sept. 13.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,136,618; Nov. 15.
- Hull, Harry B., and D. F. Alexander, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,387; Jan. 4.
- Hull, Harry B., and A. A. McCormack, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,135,515; Nov. 8.
- Hull, Horace, et al. (See Reed, Roy E., assignor.)
- Hull, John B. (See Stewart, C. D., and Hull.)
- Hull, John B., Berkeley, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,113,652; Apr. 12.
- Hull Manufacturing Company, The. (See Hull, William K., assignor.)
- Hull, Monroe R., Anaconda, Mont. Bin gate. 2,112,698; Mar. 29.
- Hull, Monroe R., B. S. Morrow, and W. H. Casto, Anaconda, Mont., assignors to Allis Chalmers Manufacturing Company, Milwaukee, Wis. Dust seal for crushing machines. 2,134,876; Nov. 1.
- Hull, Paul H., et al. (See Cornwell, Leroy, assignor.)
- Hull, Sidney M., Western Springs, Ill. Pumping mechanism. 2,112,463; Mar. 29.
- Hull, William K., assignor to The Hull Manufacturing Company, Hagerstown, Md. Apparatus for detecting gases. 2,106,147; Jan. 18.
- Hull, Wilson R., East Orange, N. J., assignor to American Can Company, New York, N. Y. Sheet gauging device. 2,104,038; Jan. 4.
- Hulme, Richard E., assignor to Kendall Refining Company, Bradford, Pa. Method and apparatus for dispensing grease, oil, and the like, and can therefor. 2,105,039; Jan. 11.
- Hulse, George E., New Haven, assignor of one-half to R. S. Blair, Stamford, Conn. Refrigerating apparatus. 2,133,818; Oct. 18.
- Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Pulley construction. 2,141,915; Dec. 27.
- Hulse, James E., assignor of one-fourth to Wright's Automatic Tobacco Packing Machine Company, Durham, N. C. Hydraulic equalizer for vehicle brakes. 2,133,196; Oct. 11.
- Hulse, Robert E., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of light metals. 2,130,801; Sept. 20.
- Hulshizer, Bessie A., Cedar Rapids, Iowa. Carpet rag strip splicer. 2,115,856; May 3.
- Hulshizer, George W. (See Fuehrer, G. H., and Hulshizer.)
- Hulshizer, George W., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Water connection. 2,120,361; June 14.
- Hulshizer, Joseph I., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device. 2,134,405; Oct. 25.
- Hulshizer, Joseph I., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Centralizer for drill steels. 2,141,716; Dec. 27.
- Hulskamp, Bernardus, Alkmaar, Netherlands. Device for severing measured portions from a bar of ice cream. 2,122,523; July 5.
- Hulslander, Raymond D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Method and apparatus for loosening deformable articles from molds. 2,120,558; June 14.
- Hulsmann, Walter C. (See Evans, H. R., and Hulsmann.)
- Hulsmann, John. (See Devlin, S. B., and Hulsmann.)
- Hultgren, Arnold P., assignor to Sears, Roebuck and Co., Chicago, Ill. Radio receiver. 2,139,082; Dec. 6.
- Hultgren, Paul, assignor to Illinois Engineering Company, Chicago, Ill. Nipple orifice. 2,137,804; Nov. 22.
- Hultman, Maynard R., Pittsburgh, Pa. Reconditioning old books and ledgers. 2,121,800; June 28.
- Hultquist, Victor J., Alcoa, Tenn. Building unit. 2,106,177; Jan. 25.
- Hults, Eugene A., Saltville, Va., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of carbon dioxide. 2,111,783; Mar. 22.
- Humason, Granville A. (See McDonough, J. M., and Humason, assignor.)
- Humason, Granville A. (See Vogt, C. W., and Humason.)
- Humason, Granville A., Houston, Tex. Combination clean-out and sample tool. 2,109,197; Feb. 22.
- Humason, Granville A., Houston, Tex. Spear. 2,121,634; June 21.
- Humason, Granville A., Houston, Tex. Tubing head. 2,134,044; Oct. 25.
- Humason, Granville A., Houston, Tex. Well flowing device. 2,134,045; Oct. 25.
- Humason, Granville A., and W. J. Clay, Houston, assignors to McDonough Iron Works, Galveston, Tex. Container core barrel. 2,126,684; Aug. 9.
- Humbert, Reuben L. (See Witzel, E. R., and Humbert.)
- Humblet, Joseph, Brussels, Belgium. Fire protecting means. 2,106,376; Jan. 25.
- Humblet, Joseph, Brussels, Belgium. Extinguisher. 2,106,430; Jan. 25.
- Humburch, Raymond S., Rochester, N. Y. Body for cars. 2,108,557; Feb. 15.
- Hume, Clifford J. (See Brouse, W. H. D., and Hume.)
- Hume, Horace D., and J. E. Love, assignors to Hume Love Company, Garfield, Wash. Conveyor belt. 2,136,363; Nov. 15.
- Hume, Horace D., and J. E. Love, assignors to Hume Love Company, Garfield, Wash. Harvesting machine. 2,138,238; Nov. 29.
- Hume, Horace D., and J. E. Love, assignors to Hume Love Company, Garfield, Wash. Crop lifter. 2,141,299; Dec. 27.
- Hume, Horace D., and J. E. Love, assignors to Hume Love Company, Garfield, Wash. Crop lifter. 2,141,300; Dec. 27.
- Hume, James W., Jackson, Mich. Wheel balancer. 2,122,064; June 28.
- Hume, James W., Jackson, Mich. Wheel balancing unit. 2,122,065; June 28.
- Hume Love Company. (See Hume, H. D., and Love, assignors.)
- Hume Pipe Company (Australia) Limited. (See Halkyard, Charles C., assignor.)
- Hume Steel Limited. (See Hume, Walter R., assignor.)
- Hume, Walter R., assignor to Hume Steel Limited, Melbourne, Victoria, Australia. Manufacture of pipes and the like from sheet metal. 2,110,378; Mar. 8.
- Hume, Walter R., assignor to Hume Steel Limited, Melbourne, Victoria, Australia. Machine for trimming and/or beveling the edges of metal plates. 2,140,384; Dec. 13.
- Humes, Charles H. (See Cole, Gerald M., assignor.)
- Humes, Guy B., assignor, by mesne assignments, of one-half to W. Berg Chicago, Ill. Musical instrument. 2,108,769; Feb. 15.
- Hundston, Walter D., Flushing, N. Y. Indurating lumber. 2,108,920; Feb. 22.



- Hummel & Downing Co. (See Ethridge, Albert S., assignor.)
- Hummel, Fred, Hopewell, Va. Ice cube holder and handling ice cubes. 2,131,855; Oct. 4.
- Hummel, Frederick E. (See Noeth, J. J., and Hummel.)
- Hummel, Mildred E., and R. W. Whitaker, Chicago, Ill. Insect extermination. 2,114,494; Apr. 19.
- Hummel-Ross Fibre Corporation. (See Sale, John W., assignor.)
- Hummel, Wellington R. (See Price, S., Hummel, and Bureau.)
- Hummer, Eslie B., assignor of one-half to A. H. Atwood, White Plains, N. Y. Wall construction. 2,123,677; July 12.
- Humoco Corporation. (See Moore, George A., assignor.)
- Humphlett, Wilma D., Feeding Hills, assignor to Malone-Knitting Company, Springfield, Mass. Garment. 2,139,270; Dec. 6.
- Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Co. Gummed paper product. 2,125,241; July 26.
- Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Greaseproof gummed paper. 2,126,192; Aug. 9.
- Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Mold resisting remoistening tape. 2,133,028; Oct. 11.
- Humphrey, Clen S., Brooklyn, N. Y. Dispensing top for containers. 2,136,508; Nov. 15.
- Humphrey, George T., Dallas, assignor to Republic Supply Company, Houston, Tex. Pumping device. 2,111,591; Mar. 22.
- Humphrey, Guy R. (See Goode, F. G., and Humphrey.)
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Refining and hydrogenating rosin and product thereof. 2,113,808; Apr. 12.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Purifying rosin. 2,115,490; Apr. 26.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Dipentene-maleic anhydride reaction product and making it. 2,118,925; May 31.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resin and method of producing. 2,118,926; May 31.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resinous material and producing it. 2,121,294; June 21.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Esters of hydrogenated abietyl alcohol and method of producing. 2,130,740; Sept. 20.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Preparation of terpene ethers. 2,136,011; Nov. 8.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Esters of hydrogenated abietyl alcohol and producing. 2,139,588; Dec. 6.
- Humphrey, James W., Claymont, Del., and J. W. Pedlow, Chester, Pa., assignors, by mesne assignments, to American Viscose Corporation. Delustered rayon. 2,111,449; Mar. 15.
- Humphrey, Lila, McGehee, Ark. Automobile seat. 2,126,331; Aug. 9.
- Humphrey, Paul E., Schenectady, N. Y., assignor to General Electric Company. High tension gas filled cable. 2,112,740; Mar. 29.
- Humphrey, Willard D., Bronxville, assignor to Magazine Repeating Razor Company, New York, N. Y. Display shelf. 2,115,168; Apr. 26.
- Humphreys, David M., Pittsburgh, Pa. Highway signal. 2,122,253; June 28.
- Humphreys, Edwin S., Aurora, Ill. X-ray apparatus. 2,107,825; Feb. 8.
- Humphreys, Edwin S., assignor to Patents, Incorporated, Aurora, Ill. X-ray apparatus. 2,137,122; Nov. 15.
- Humphreys, Edwin W. A., and P. H. I., London, England, and T. D. Key, assignors of one-half to said Key and one-half to R. Walton, Alexandria, Egypt. Sedimentation apparatus or thickener. 2,136,903; Nov. 15.
- Humphreys & Glasgow Limited. (See Smith, J. H., and Cohen, assignors.)
- Humphreys, Percy H. I. (See Humphreys, Edwin W. A., and P. H. I., and Key.)
- Humphries, Chad H., assignor to Sealkote Corporation, Chicago, Ill. Cellulose derivative coating composition. 2,130,238; Sept. 13.
- Humphries, Horace E. (See Gachet, E. J., and Humphries.)
- Hunkiker, Karl, assignor to I. E. McCabe, Chicago, Ill. Mercury switch. 2,121,235; June 21.
- Hundsdoerfer, Ernst. (See Grote, W., Hundsdoerfer, and Moos.)
- Hungerford, Daniel C., Chalfont, Pa., assignor, by mesne assignments, to Star Expansion Bolt Company, New York, N. Y. Wedge for concrete form ties. 2,107,415; Feb. 8.
- Hungrige, Edward, Wilmington, Del. Tent base. 2,120,180; June 7.
- Hunlike, Clarence C., Palisade, N. J., assignor to Auditorium Conditioning Corporation. Air conditioning apparatus. 2,105,692; Jan. 18.
- Hüniger, Magdalene. (See Ens, J., and Hüniger.)
- Hunkeler, Walter F., Kansas City, Mo. Lens mounting. 2,105,420; Jan. 11.
- Hunn, James V., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Synthetic resin and making the same. 2,137,616; Nov. 22.
- Hunsaker, Claude H., University City, Mo. Trussed apparatus. 2,135,818; Nov. 8.
- Hunsicker, Franklin H. (See Hey, E., and Hunsicker.)
- Hunt, C. Howard, Pen Company. (See Bartol, George E., Jr., assignor.)
- Hunt, C. Howard, Pen Company. (See Henwood, Lloyd S., assignor.)
- Hunt, C. Howard, Pen Company. (See Lukens, Hiram S., assignor.)
- Hunt, C. Howard, Pen Company. (See Underwood, Joseph E., assignor.)
- Hunt, Charles W., Wyoming, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode for vapor discharge lamps. 2,110,601; Mar. 8.
- Hunt, Edward L., Ashville, N. Y. Gun sight. 2,127,173; Aug. 16.
- Hunt, Edward L., Ashville, N. Y. Adjustable gun rib and sight. 2,127,174; Aug. 16.
- Hunt, Findley C., San Francisco, and L. J. McGrath, San Mateo, assignors to Zellerbach Paper Company, San Francisco, Calif. Fruit curtain. 2,131,376; Sept. 27.
- Hunt, Francis C., London, England. Rolling pin for rolling and aerating dough. 2,139,825; Dec. 13.
- Hunt, Franklin B., J. H. Pratt, H. S. Tirrell, and R. L. Turner, assignors to The Liquid Carbonic Corporation, Chicago, Ill. Method of and apparatus for producing carbon dioxide. 2,117,025; May 10.
- Hunt, Franklin L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic element for sound studios. 2,120,979; June 21.
- Hunt, Frederick V., assignor of one-half to General Radio Company, Cambridge, Mass. Frequency meter. 2,119,389; May 31.
- Hunt, George, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,138,169; Nov. 29.
- Hunt, George, and W. S. Wolfram, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Automobile clutch. 2,138,170; Nov. 29.
- Hunt, George B., Chicago, Ill., assignor to The Shaw-Walker Company, Muskegon, Mich. Paper fastener. 2,125,724; Aug. 2.
- Hunt, George H., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,105,323; Jan. 11.
- Hunt, George H., Detroit, Mich., assignor, by mesne assignments, to Detroit Hydrostatic Brake Corporation. Brake mechanism. 2,135,666; Nov. 8.
- Hunt, George H., and E. H. Berno, Detroit, Mich., assignors to Borg-Warner Corporation. Brake mechanism. 2,140,385; Dec. 13.
- Hunt, Gilbert O., Armstead, Mont. Forceps. 2,119,078; May 31.
- Hunt, Horace S. (See Russell, N. F. S., Langenberg and Hunt.)
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,119,991; June 7.
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,127,600; Aug. 23.
- Hunt, J. Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,133,454; Oct. 18.
- Hunt, J. Harold, and H. J. Horn, Lansing, assignors, by mesne assignments, to G. A. Lyon, Detroit, Mich. Vehicle wheel. Re. 2,0750; June 7.
- Hunt, J. Harold, and H. J. Horn, Lansing, assignors, by mesne assignments, to G. A. Lyon, Detroit, Mich. Vehicle wheel. 2,132,298; Oct. 4.
- Hunt, James B., Dayton, Ohio, assignor of one-half to The Philip Carey Manufacturing Company. Weather surfacing element. 2,110,485; Mar. 8.
- Hunt, James K., and G. H. Latham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,113,653; Apr. 12.
- Hunt, James K., and J. H. Shipp, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bituminous compositions and making same. 2,115,775; May 3.
- Hunt, John H., assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,115,071; Apr. 26.
- Hunt, John H., Detroit, and H. D. Seelinger, Highland Park, assignors to General Motors Corporation, Detroit, Mich. Pneumatic suspension device. 2,115,072; Apr. 26.
- Hunt, Joseph A., Shelby, N. C. Buffer attachment. 2,104,837; Jan. 11.
- Hunt, Kenneth E., Paquannock, N. J., assignor to American Hard Rubber Company, New York, N. Y. Producing permeable bodies. 2,120,281; June 14.
- Hunt, Nathan C., and S. C. Chessman, Salem, Ohio; said Chessman assignor to said Hunt. High pressure valve. 2,132,030; Oct. 4.
- Hunt, Ozro H., assignor to The Bristol Company, Waterbury, Conn. Control apparatus. 2,115,528; Apr. 26.
- Hunt, Ozro H., assignor to The Bristol Company, Waterbury, Conn. Multiple-recording instrument. 2,125,345; Aug. 2.
- Hunt, Ray R., assignor to Mishawaka, Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Method of and apparatus for making rubber heels and the like. 2,132,788; Oct. 11.



- Hunt, Robert, Hackensack, N. J. Insect exterminator. 2,109,642; Mar. 1.
- Hunt, Rodney, Machine Company. (See Carpenter, John S., assignor.)
- Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,109,113; Feb. 22.
- Hunt, Scott F., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,124,778; July 26.
- Hunt, Scott F., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,127,735; Aug. 23.
- Hunt, Scott F., E. Olson, and E. O. Wirth, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,124,777; July 26.
- Hunt, Seymour, Jackson Heights, Long Island, N. Y., assignor to Radio Corporation of America. Radio receiving system. 2,140,108; Dec. 13.
- Hunt-Spiller Manufacturing Corporation. (See Goostroy, Joseph, assignor.)
- Hunt, Thomas B., Macon, Ga. Comb box. 2,118,975; May 31.
- Hunt, William C., assignor to Hercules Powder Company, Wilmington, Del. Electric blasting cap. 2,123,996; July 19.
- Hunt, William H., National City, assignor to Fish Machinery Corporation, San Diego, Calif. Preparing fish for filleting. 2,137,291; Nov. 22.
- Hunt, Wilson P., and D. C. Eipper, assignors to Moline Tool Company, Moline, Ill. Honing machine. 2,128,706; Aug. 30.
- Hunter, Alastair P., Orillia, Ontario, and A. E. Pearson, Toronto, Ontario, Canada. Reversible propeller. 2,133,519; Oct. 18.
- Hunter, Albert M., Philadelphia, Pa. Chart holder. 2,110,802; Mar. 8.
- Hunter, Anita M., Seattle, Wash. Strainer support. 2,112,990; Apr. 5.
- Hunter, Archibald S., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pellicle and the manufacture thereof. 2,129,131; Sept. 6.
- Hunter, Archibald S., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture and producing same. 2,129,132; Sept. 6.
- Hunter, Arthur C., assignor to Hickory Chair Manufacturing Company, Hickory, N. C. Resilient sagless support for upholstered furniture. 2,133,747; Oct. 18.
- Hunter, Benjamin F., Pittsburgh, Pa., assignor to Gulf Research & Development Company. Dust preventative and laying dust. 2,122,524; July 5.
- Hunter, George A., Los Angeles, Calif. Lubricating apparatus. 2,118,381; May 24.
- Hunter, Harry C., Chicago, Ill., assignor to American Bridge Company. Cable wrapping machine. 2,117,959; May 17.
- Hunter, Harry G., Greensboro, N. C. Automatic electric traffic signal system. 2,130,013; Sept. 13.
- Hunter, Howard J., Fairbanks, La., assignor to Columbian Carbon Company, New York, N. Y. Manufacture of carbon black. 2,139,584; Dec. 6.
- Hunter, Howard J., Fairbanks, La., assignor to Columbian Carbon Company, New York, N. Y. Manufacture of carbon black. 2,139,585; Dec. 6.
- Hunter, James, Machine Company, The. (See Cannity, Ernest, assignor.)
- Hunter, James, Machine Company, The. (See Morrill, Frank B., assignor.)
- Hunter, James H., Lansdowne, Pa., assignor to Radio Corporation of America. Phonograph record. 2,130,239; Sept. 13.
- Hunter, John N., Norbury, England, assignor to Pyrene Manufacturing Company, Newark, N. J. Apparatus for trapping dust arising in bore holes. 2,107,864; Feb. 8.
- Hunter, Lester S., Rochester, N. Y. Quick detachable brake lining. 2,139,409; Dec. 6.
- Hunter, Paul E. (See Dorman, Charles O., assignor.)
- Hunter, Percival, Jr., Chicago, Ill., assignor to The Oxweld Railroad Service Company. Apparatus for heat treating rails. 2,129,552; Sept. 6.
- Hunter, Percy E., deceased, by L. T. Copeland and Fidelity Trust Company, administrators, assignors to Hunter Steel Company, Pittsburgh, Pa. Fence. 2,106,601; Jan. 25.
- Hunter, Percy E., deceased, by L. T. Copeland and Fidelity Trust Company, administrators, assignor to Hunter Steel Company, Pittsburgh, Pa. Making fence posts. 2,106,602; Jan. 25.
- Hunter, Percy E., deceased, Pittsburgh, and E. Nightingale, Haysville; L. T. Copeland and Fidelity Trust Company, administrators, assignors to Hunter Steel Company, Pittsburgh, Pa. Sawing apparatus. 2,101,258; Jan. 4.
- Hunter, Philip V., London, and H. Hill, Belvedere, Kent, assignors to Callender's Cable and Construction Company, Limited, London, England. Stranded member formed of wire or metal strip, particularly applicable to electric conductors. 2,122,911; July 5.
- Hunter, Philip V., London, and H. Hill, Belvedere, Kent, assignors to Callender's Cable and Construction Company Limited, London, England. Machine for producing wire strands. 2,128,777; Aug. 30.
- Hunter, Richard B., Shorewood, assignor to Cutler Hammer, Inc., Milwaukee, Wis. Illumination control system. 2,123,729; July 12.
- Hunter, Richard B., Shorewood, assignor to Cutler Hammer, Inc., Milwaukee, Wis. Electric illumination control system. 2,128,361; Aug. 30.
- Hunter Steel Company. (See Hunter, Percy E., assignor.)
- Hunter Steel Company. (See Hunter, P. E., and Nightingale, assignors.)
- Hunter, Thomas M., East Orange, assignor to American Transformer Company, Newark, N. J. Voltage regulator. 2,114,143; Apr. 12.
- Hunter, William L., assignor to Northern Equipment Company, Erie, Pa. Valve. 2,104,039; Jan. 4.
- Huntington, Charles M., Ladoga, Ind. Pre-cast building unit or slab and assembling same. 2,116,946; May 10.
- Huntington, James B., Cincinnati, Ohio. Deicing attachment for aircraft. 2,106,323; Jan. 25.
- Huntley, Lee E., Bellevue, Nebr. Fish pole holder. 2,139,826; Dec. 13.
- Huntley, Robert F. (See Skinner, E. W., Wilcox, and Huntley.)
- Huntley, Robert F., assignor to Oswego Falls Corporation, Fulton, N. Y. Hood capping bottles. 2,133,861; Oct. 18.
- Huntman, Charles B., Plainfield, N. J. Stabilizing means for motor vehicles. 2,107,183; Feb. 1.
- Huntman, Charles B., Plainfield, N. J. Stabilizer shock absorber for motor cars. 2,127,518; Aug. 23.
- Huntsman, Bert J., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for manufacturing metal closures. 2,122,525; July 5.
- Hunyadi, László, and I. Koch, Budapest, Hungary. Oil distilling apparatus. 2,132,900; Oct. 11.
- Huppert, Henry K., assignor to American Electric Company of California, San Francisco, Calif. Artificial fever apparatus. 2,109,726; Mar. 1.
- Huppert, Oskar, Vienna, Austria. Manufacture of sulphur containing protein compounds. 2,112,210; Mar. 22.
- Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Comb. 2,113,546; Apr. 5.
- Huppert, William, assignor to Ampex, Inc., New York, N. Y. Plug connector. 2,114,273; Apr. 12.
- Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Tubular braid. 2,114,274; Apr. 12.
- Hurd, Edith R. (See Goulding, Charles H., assignor.)
- Hurd, Edward F., Bridgeport, Conn. Machine for painting barrels. 2,109,619; Mar. 1.
- Hurd, Edwin P., Detroit, Mich. Locking device for vehicle wheels. 2,124,035; July 19.
- Hurd, John C. H. (See Spiers, E., and Hurd.)
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Cylinder lock. 2,104,397; Jan. 4.
- Hurd, Ralph H. (See Ballard, B. T., McNeil, and Hurd.)
- Hurford, Edwin, and R. Johnson, Detroit, Mich. Air heater. 2,135,235; Nov. 1.
- Hurlbert, William G., Jr., assignor to The Bostwick Steel Lath Company, Niles, Ohio. Fireproof studding. 2,126,962; Aug. 18.
- Hurlbut, Burt M., assignor to San Isabel Novelty Works Company, Pueblo, Colo. Door stop. 2,123,188; July 12.
- Hurlbut, Gordon B., Middlebury, assignor to The Plume & Atwood Manufacturing Company, Waterbury, Conn. Lighting fixture. 2,121,738; June 21.
- Hurley, Albert B., Huntington, N. Y. Motion picture screen. 2,133,097; Oct. 11.
- Hurley, Roy T., Dobbs Ferry, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Radio shielding means. 2,134,946; Nov. 1.
- Hurley, Roy T., Dobbs Ferry, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition device. 2,136,052; Nov. 8.
- Hürlimann, Hans, Wil, Switzerland. Motor vehicle wheel for tractors. 2,125,786; Aug. 2.
- Hürlimann, Max. (See Widmer, S., and Hürlimann.)
- Hurlock, William A. E., Thames Ditton, England. Silencer for internal combustion engines. 2,124,489; July 19.
- Hurn, James E., La Porte, Ind., assignor to The Luxe Products Corporation. Oil shut off. 2,104,599; Jan. 4.
- Hurrey, Ross C., and F. Toohey, Jr., New York, N. Y., assignors to Bagpak, Inc. Bag. 2,109,533; Mar. 1.
- Hurrie, Charles G., San Francisco, Calif. Eraser holder for typewriters. 2,107,001; Feb. 1.
- Hurst, Albert L., Winston-Salem, N. C. Hospital or invalid bed. 2,105,040; Jan. 11.
- Hurst, Edward, and M. Crane, assignors to United Cotton Products Company, Fall River, Mass. Web material and making the same. 2,122,472; July 5.
- Hurst, Edward, and M. Crane, assignors to United Cotton Products Company, Fall River, Mass. Forming a web. 2,122,473; July 5.
- Hurst, George Houston, Tex. Packer for oil wells. 2,125,231; July 26.
- Hurst, Ira N. (See Hansen, W. L., and Hurst.)
- Hurst, May. (See Meyer, A., Hurst, and Spindmeyer.)
- Hurst, Max, Stuttgart, and J. Weber, Stuttgart, Germany, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung. Apparatus for controlling the amount of fuel delivered by an injection pump. 2,117,248; May 10.
- Hurst, Samuel A. (See Keck, H. A., and Hurst.)
- Hurst, Samuel A., Leominster, N. J., assignor to Leves Brothers Company. Apparatus for illuminating comestibles with inert gas. 2,131,876; Oct. 4.
- Hurt, George F., New York, N. Y. Refuse incineration. 2,104,040; Jan. 4.



- Hurt, Marlin, et al. (See Gray, Clyde E., assignor.)
- Hurt, Victor H., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Manufacture of rubber articles. 2,141,788; Dec. 27.
- Hurtt, William T., Wilkinsburg, Pa. Bearing. 2,125,446; Aug. 2.
- Hurtt, William T., Wilkinsburg, and F. G. Bannerot, Pittsburgh, Pa. Lubricating and cooling system for rolling mills. 2,140,289; Dec. 13.
- Hurwitz, Nelson, Brooklyn, N. Y. Display form. 2,134,974; Nov. 1.
- Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Drying leather and similarly tautly stretched units. Re. 20,745; May 31.
- Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Drying leather and similarly tautly stretched units. 2,109,425; Feb. 22.
- Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Roll type drier. 2,135,516; Nov. 8.
- Husband, Robert M., Bala-Cynwyd, assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Apparatus for cleaning heat exchangers and the like. 2,112,896; Apr. 5.
- Huscher, Myron E. (See Britton, E. C., Nutting, and Huscher.)
- Huse, Ingebrigt E. P., Harøy, near Molde, Norway. Revolving drying oven. 2,119,916; June 7.
- Huseby, Oscar H., assignor of one-half to M. Cross, Waco, Tex. Nest box for hens. 2,105,737; Jan. 18.
- Husemoller, Christian F., Washington, D. C. Switch. 2,139,586; Dec. 6.
- Husemoller, Christian F., Washington, D. C. Signal lamp. 2,139,587; Dec. 6.
- Huser, Joseph N. (See Buses, H. F., and Huser.)
- Huss, Henry, Wilmington, Del., assignor, by mesne assignments, to May Oil Burner Corporation, Baltimore, Md. Nozzle. 2,120,611; June 14.
- Huss, Joseph F., assignor of one-half to B. K. Blalock, Charlotte, N. C. Theft alarm switch. 2,130,303; Sept. 13.
- Hussmann, Harry L., Los Angeles, Calif. Exerciser. 2,104,927; Jan. 11.
- Husta, Philip. (See Blount, F. E., and Husta.)
- Hustad, Hugo R., New York, N. Y. Rubber heel. 2,121,353; June 21.
- Huston, Arch C., Los Angeles, Calif. Forming roller for tube-winding machines. 2,130,586; Sept. 20.
- Huston, Robert, and E. C. Sonne, Davenport, Iowa. Changeable sign. 2,127,997; Aug. 23.
- Huston, Sanford K., Jr., Chicago, Ill. Glazing construction. Re. 20,645; Feb. 1.
- Huston, Tom, Hartford, Conn., assignor to S. P. Langston, Miami, Fla. Toilet accessory dispensing device. 2,132,735; Oct. 11.
- Huston, William W., Windsor, Ontario, Canada. Calendar clock. 2,126,469; Aug. 9.
- Hutaff, George H., Jr. (See O'Neal, George R., assignor.)
- Hutaff, George H., Jr., Wilmington, N. C. Crown cap. 2,109,699; Mar. 1.
- Hutchens, Edward, assignor to Utility Manufacturing Company, Cudahy, Wis. Roll grinding machine. 2,106,215; Jan. 25.
- Hutchens, Howard O. (See Krause, A. R., Hutchens, Cullen, and Hirsch.)
- Hutchens, Raymond D., Chicago, Ill., assignor to Radio Corporation of America. Frequency checking device. 2,138,922; Dec. 6.
- Hutcheson, William F., Hamilton, Ontario, assignor of one-half to H. J. Laflamme, Toronto, Ontario, Canada. Combined peg-lock and guard for musical instruments. 2,104,995; Jan. 11.
- Hutchings, George F., St. Louis, Mo. Tire pressure indicator. 2,105,738; Jan. 18.
- Hutchings, John H., Scotia, N. Y., assignor to General Electric Company. Electric discharge device. 2,137,841; Nov. 22.
- Hutchings, Roe, Washington, D. C. Power transmission mechanism. 2,108,586; Feb. 15.
- Hutchins, Edward, Glens Falls, N. Y., assignor to International Paper Company. Apparatus for the manufacture of paper and the like. 2,141,393; Dec. 27.
- Hutchins, George H., Hollywood, Calif., and A. W. Hartigan, New York, N. Y., assignors to Filtrol Company of California, Los Angeles, Calif. Refining oil. 2,139,161; Dec. 6.
- Hutchins, William H. (See Sullivan, R. H., Hutchins, and Wallis.)
- Hutchinson, Allan R., and L. J., Glen Iris, Australia. Supporting removable vehicle bodies. 2,127,972; Aug. 23.
- Hutchinson, Job, Great Neck, N. Y. Electrically controlled changeable exhibitor. 2,113,323; Apr. 5.
- Hutchinson, Job, Great Neck, N. Y. Reversible changeable exhibitor. 2,113,324; Apr. 5.
- Hutchinson, Job, Great Neck, N. Y. Display unit. 2,113,348; Apr. 5.
- Hutchinson, Lancelot J. (See Hutchinson, Allan R., and L. J.)
- Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Abrading machine. 2,122,942; July 5.
- Hutchinson, Robert, and J. A. Newbold, Nottingham, England. Purification of silica. 2,119,105; May 31.
- Hutchison, Edwin J., Barnesville, Ohio. Receptacle. 2,119,435; May 31.
- Hutchison, Ella J., et al., executors. (See Hutchison, Robert B.)
- Hutchison, Frank C., et al. (See Roll, Walter H., assignor.)
- Hutchison, Frank C., Merriam, Kans., and W. J. Jacobson, Scotch Plains, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Welding apparatus. 2,125,923; Aug. 9.
- Hutchison, Mary W., et al., executors. (See Hutchison, Robert B.)
- Hutchison, Robert B., deceased, Pittsburgh, Pa.; E. J. and M. W. Hutchison, executors. Exploding splitting tool. 2,132,114; Oct. 4.
- Hutchison, William M., Pittsburgh, and R. C. Jones, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Battery protecting control scheme. 2,125,071; July 26.
- Huth, Charles L., Milwaukee, Wis. Lawn mower. 2,106,098; Jan. 18.
- Huth, Walter H., assignor to Aurex Corporation, Chicago, Ill. Electrical sound transmitting and distributing apparatus. 2,107,416; Feb. 8.
- Hutnikow, Theodore, Brooklyn, assignor to Karl Ohlbaum & Son, Inc., New York, N. Y. Doll's head and eyes therefor. 2,115,169; Apr. 26.
- Hutsell, Thomas A., Seattle, Wash. Beer dispensing apparatus. 2,110,043; Mar. 1.
- Hutsell, Thomas A., Seattle, Wash. Beverage dispensing faucet. 2,113,887; Apr. 12.
- Hutson, Canfield. (See Whitehead, W., and Hutson.)
- Hutson, Canfield, Cumberland, Md., assignor to Celanese Corporation of America. Formation of artificial filaments, yarns, or threads. 2,116,660; May 10.
- Hutt, Albert E., Riverside, Conn. Automatic shut-off valve. 2,106,351; Jan. 25.
- Hutt, George A. (See Hutt, Robert J. and G. A.)
- Hutt, Robert J. and G. A., Brooklyn, N. Y. Paper drinking cup and blank for making the same. 2,114,470; Apr. 19.
- Hüttemann, Erik, Berlin-Wilmersdorf, and W. Czernin, Berlin-Friedenau, Germany, assignors to F. O. Andereg, Forest Hills Boro, Pa. Producing lightweight material. 2,105,324; Jan. 11.
- Hutten, Henry B., Joliet, Ill., assignor to The Ruberoid Co., New York, N. Y. Shingle. 2,117,094; May 10.
- Huttig Sash & Door Company. (See Trammell, Earl M., assignor.)
- Huttleston, Fred, Marysville, assignor of one-half to L. J. Francis, Yuba City, Calif. Arch supporter. 2,123,730; July 12.
- Hutton, Alfred, Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker. 2,116,744; May 10.
- Hutton, David, assignor to Straus Knitting Mills, St. Paul, Minn. Knitted cap. 2,133,619; Oct. 18.
- Hutton, Gerald H., London, England. Dredge. 2,117,326; May 17.
- Hutzel, Clyde E. (See Beasley, Edward B., assignor.)
- Hutzenlaub, Eugen, assignor to the firm Paul Lechler, Stuttgart, Germany. Expansion joint. 2,115,682; Apr. 26.
- Huwe, Raymond, et al. (See Hart, Herbert M., assignor.)
- Huxley, Charles E., Chicago, Ill. Uniform depth seeder. 2,120,331; June 14.
- Huxon Holding Corporation. (See Huck, Louis C., assignor.)
- Huye, Joseph G., New Orleans, La. Hat stay or support and combination thereof with a hat box. 2,115,633; Apr. 26.
- Huye, Joseph G., New Orleans, La. Hat packing stay and combination package. 2,136,744; Nov. 15.
- Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Packaging electric blasting caps. 2,140,746; Dec. 20.
- Huyser, Hendrik W., Hilversum, and J. A. van Melsen, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Manufacture of hydrocarbon polymers. 2,133,732; Oct. 18.
- Huyssen, Phillip H. and P. S., Chicago, Ill. Self-propelling vehicle. 2,125,568; Aug. 2.
- Huyssen, Prescott S. (See Huyssen, Phillip H. and P. S.)
- Hyatt, Robert J., assignor to R. J. Reynolds Tobacco Company, Winston-Salem, N. C. Extracting nicotine from tobacco. 2,117,558; May 17.
- Hybinette, Noak V., Jackson, Mich. Expanded concrete and producing the same. 2,120,468; June 14.
- Hybinette, Noak V., Jackson, Mich. Treating sulphide ores. 2,132,031; Oct. 4.
- Hybinette, Noak V., Jackson, Mich. Aluminum base alloy. 2,136,053; Nov. 8.
- Hyde, Henry W., Dedham, Mass. Electric clock attachment. 2,105,599; Jan. 18.
- Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Joining glass blocks. 2,112,241; Mar. 29.
- Hyde, Reed W. (See Lloyd, R. L., and Hyde.)
- Hyde, Reed W., Summit, N. J., assignor to Dwight & Lloyd Sintering Company, Inc., New York, N. Y. Separating lead and cadmium from zinc ores. 2,116,203; May 3.



- Hyde, Reed W., Summit, and R. H. Cromwell, East Orange, N. J., assignors of one-half to Dwight & Lloyd Sintering Company, Inc., and one-half to Associated Metals & Minerals Corporation, New York, N. Y. Recovering mercury from antimony-containing ores. 2,119,231; May 31.
- Hyden, William L., Kenmore, and J. S. Fonda, Buffalo, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing artificial silk. 2,107,668; Feb. 8.
- Hydooraulic, Inc. (See Harris, Earl A., assignor.)
- Hydraulic Brake Company. (See Bock, Clarence H., assignor.)
- Hydraulic Brake Company. (See Bowen, Herbert C., assignor.)
- Hydraulic Brake Company. (See Bowen, Myron W., assignor.)
- Hydraulic Brake Company. (See Doyle, Willis G., assignor.)
- Hydraulic Brake Company. (See Gardner, Clarence V., assignor.)
- Hydraulic Brake Company. (See Heidloff, Joseph R., assignor.)
- Hydraulic Brake Company. (See Loweke, Erwin F., assignor.)
- Hydraulic Brake Company. (See Loweke, E. F., and Swift, assignors.)
- Hydraulic Brake Company. (See McCollum, Andrew O., assignor.)
- Hydraulic Brake Company. (See Noack, Hans W. L., assignor.)
- Hydraulic Brake Company. (See Oliver, Wallace F., assignor.)
- Hydraulic Brake Company. (See Rouch, Everett W., assignor.)
- Hydraulic Coupling Patents Limited. (See Rogers, Lewis W., assignor.)
- Hydraulic Coupling Patents Limited. (See Swan, James G., assignor.)
- Hydraulic Press Corporation, The. (See Boehle, Friedel, assignor.)
- Hydraulic Press Corporation. (See Ernst, Walter, assignor.)
- Hydraulic Press Corporation. (See Ernst, W., and Youngblood, assignors.)
- Hydraulic Press Corporation, The. (See MacMillin, Howard F., assignor.)
- Hydraulic Press Corporation, The. (See MacMillin, H. F., and Youngblood, assignors.)
- Hydraulic Press Corporation, The. (See Patrick, Isaac, assignor.)
- Hydraulic Press Corporation, The. (See Shaw, Victor S., assignor.)
- Hydril Company. (See Stone, Albert L., assignor.)
- Hydril Company. (See Stone, Frederick and A. L., assignors.)
- Hydro Nitro S. A. (See Hobler, Tadeusz, assignor.)
- Hyer, Robert S., Houston, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Method and apparatus for orienting tools. 2,120,670; June 14.
- Hygienic Dust Bag Corporation. (See Gasner, Philip and S., assignors.)
- Hygrade Sylvania Corporation. (See Bennett, John M., assignor.)
- Hygrade Sylvania Corporation. (See Bennett, Richard G., assignor.)
- Hygrade Sylvania Corporation. (See Biggs, Orrick H., assignor.)
- Hygrade Sylvania Corporation. (See Cox, James L., assignor.)
- Hygrade Sylvania Corporation. (See Gaun, Harry M., assignor.)
- Hygrade Sylvania Corporation. (See Hotopp, Alfred H., Jr., assignor.)
- Hygrade Sylvania Corporation. (See McCarthy, Henry J., assignor.)
- Hygrade Sylvania Corporation. (See Miller, Carl F., assignor.)
- Hygrade Sylvania Corporation. (See O'Neill, George D., assignor.)
- Hygrade Sylvania Corporation. (See Zabel, Roland M., assignor.)
- Hyman, Eli, Brookline, assignor to Hy-Sil Manufacturing Company, Revere, Mass. Woven fabric. 2,106,457; Jan. 25.
- Hyman, Henry. (See Muldoon, Bernard F., assignor.)
- Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Synthetic resins and preparation of same. 2,116,499; May 10.
- Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Polymerizing unsaturated hydrocarbons containing diolamines. 2,137,492; Nov. 22.
- Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Method and apparatus for treating vapors or gases. 2,138,861; Dec. 6.
- Hyman, S. E., Company, The. (See Pickard, Clesson H., assignor.)
- Hymans, Frederick, Larchmont, assignor to Otis Elevator Company, New York, N. Y. Brake mechanism. 2,107,894; Feb. 8.
- Hyndman, Meade, St. Louis, Mo. Display device. 2,135,366; Nov. 1.
- Hyneman, John R., Chatman, N. J., and R. R. Gose, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Composite set. 2,116,172; May 3.
- Hynes, Dibrell P., assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Car door fastening. 2,113,510; Apr. 5.
- Hynes, Dibrell P., Evanston, assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood. 2,125,569; Aug. 2.
- Hy-Sil Manufacturing Company. (See Hyman, Eli, assignor.)
- Hysko, John L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeater. 2,117,723; May 17.
- Hysko, John L., Brooklyn, assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Transmission system. 2,139,232; Dec. 6.
- Hyslop, Samuel, Newton, Mass. Thread cleaner. 2,126,779; Aug. 16.
- Hyslop, Samuel, Newton, Mass. Thread cleaning device. 2,126,780; Aug. 16.
- Hyter, Ernest H., Oklahoma City, Okla. Massaging apparatus. 2,112,367; Mar. 29.
- I. D. Manufacturing Co. (See Tavin, F., and Haas, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Alles, Richard, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Andrusow, Leonid, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Asch, W., Janz, Pense, and Voss, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, H., and Gross, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, H., Mengdehl, and Wenzel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, H., and Wenzel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Balle, Gerhard, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baumann, W., and Hirschbeck, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Baur, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Bayer, O., and Nelles, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Bayerl, A., and Kösslinger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Becker, W., and Orthner, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Behringer, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Billig, Kurt, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Binapfl, Josef, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Brodersen, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Brodersen, K., Quaedvlieg, Schneider, and Gensel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Daimler, K., and Thron, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Dohse, H., and Huehn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Drucker, Julius, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eberhardt, E., and Lieseberg, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Luft, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Well, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Espig, Hermann, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Filant, seher, H., and Heuck, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fink, H., and Hofstadt, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fischer, Heinrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fitzky, Wilhelm, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Glesoen, J., Hunsich, and Dally, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, P., and Holsten, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hanz, W., and Schieber, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Haussmann, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Haussmann, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Heibel, Paul, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hentrich, W., Keppler, and Holsten, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Herdiesch, erhoff, E., and Tschunkar, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Herald, P., and Wustrow, assignors.)



- I. G. Farbenindustrie Aktiengesellschaft. (See Heymer, Gerd, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hloch, Albert, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hochschwender, E., and Thomssen, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Holler, Hermann, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hopff, H., Garbsch, and Teller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, E., and Hecht, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Immen-doerfer, E., Loewe, and Munch, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jahrstorfer, M., and Schwarte, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Keyssner, Ernst, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Keyssner, E., and Wulff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kiesskalt, S., and Meier, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kiesskalt, S., Tampke, Weingaertner, and Winnacker, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Koch, Albert, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Koch, E., Dachlauer, and Thomsen, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lederle, E., and Brill, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lommel, W., and Engelhardt, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Maier, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mark, H., and Wulff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mauthe, G., and Noerr, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft, et al. (See McAllister, Walter H., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meder, Georg, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., Otto, Daniel, and Werner, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Uloth, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Muench, H., and Loewe, assignors.)
- I. F. Farbenindustrie Aktiengesellschaft. (See Mues, Otto, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Muller, W., and Schaeffer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nelles, Johannes, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nelles, J., and Bayer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Neukirch, Eberhard, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O. Lange, and Horn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O., and Wulff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nissen, Hans F., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Noack, E., and Schubert, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nuesslein, J., and von Klenck, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Oehlert, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, Ludwig, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Zaucker, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Osswald, Philipp, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Osswald, P., and Scherer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Otto, M., and Mueller-Cunradi, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Petersen, I., and Zehetmayr, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, Mathias, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., Anthes, and Schappert, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Christmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Donath, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Eisenhut, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Engel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., Hirschberger, and Lemme, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Kroenig, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Povenz, F., and Rieche, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rabe, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rappe, W., and Nicolai, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Raspe, F., and Giese, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rein, Herbert, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., Stark, and Voss, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., Ufer, and Kuehn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Richter, A., Busch, and Schürmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rieche, A., Brodersen, Quaedvlieg, and Maier-Bode, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Rossner, E., Börner, Mahn, and Irion, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schieber, W., and Harz, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schierenbeck, Julius, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schiller, Georg, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schimmelschmidt, Kurt, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schlack, Paul, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schirm, Erik, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schneider, Wilhelm, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schoeller, C., and Nuesslein, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schuette, H., Schoeller, and Wittwer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Seyb, Erich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Siefert, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Siefert, F., and Stadler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Sirot, Alfred, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Söll, Julius, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Speer, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Spitaler, Paul, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Stadler, Josef, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Stadler, R., and Auerhahn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Stahn, Richard, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Steindorf, A., Platz, and Rosenbach, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Stern, G., and Hoess, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Strathmeyer, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Strauch, Hugo, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Thomsen, C., Eckelmann, and Koch, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ufer, Hanns, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ufer, H., and Hecht, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Ploetz, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See van Beek, H., and Clapham, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See van Zütphen, Ludwig, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Vogel, Friedrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See von Weinberg, A., Rein, and Eisenhut, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Voss, A., Eilsfeld, and Freudenberger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Voss, A., and Janz, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Waldmann, E., and Chwala, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wenzel, Wilhelm, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., and Feiler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., and Linckh, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wolfrom, U., and Koehler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wulf, C., and Dorrer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zetzsche, W., and Graumann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zorn, H., and Rosinsky, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zorn, H., Vogel, and Wolter, assignors.)
- I. S. M. Limited. (See Sandor, Nicholas, assignor.)
- I. S. M. Limited. (See Sandor, Nicholas and F. E. L., assignors.)
- I-T-E Circuit Breaker Company. (See Deans, William, assignor.)



- I-T-E Circuit Breaker Company. (See Graves, Herbert C., Jr., assignor.)
- I-T-E Circuit Breaker Company. (See Healis, George A., assignor.)
- I-T-E Circuit Breaker Company. (See Scott, William M., Jr., assignor.)
- Iacino, Nunzio, New York, N. Y. Water shower temperature regulator. 2,106,568; Jan. 25.
- Iams, Harley A., Berkeley Heights, N. J., assignor to Radio Corporation of America. Mosaic screen structure. 2,120,099; June 7.
- Iams, Harley A., Berkeley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America. Oscillograph apparatus. 2,130,134; Sept. 13.
- Iams, Harley A., Berkeley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,131,892; Oct. 4.
- Iams, Harley A., San Diego, Calif., assignor to Westinghouse Electric & Manufacturing Company. Photoelectric cell oscillation circuit. 2,141,789; Dec. 27.
- Iannetta, Michele A., New York, N. Y. Oil silk covering for men's hats. 2,137,050; Nov. 15.
- I'Anson, Charles F., Kenosha, Wis. Key-identifying device. 2,109,268; Feb. 22.
- Iavelli, Teno. (See Neracher, C. A., and Iavelli.)
- Iasillo, Casper, assignor to J. Gans, doing business under firm name Empire Brush Works, Port Chester, N. Y. Broom connector. 2,140,014; Dec. 13.
- Ibbetson, Samuel F., Thaxted, and W. R. Green, Eltham, London, England, assignors to Kirsch Company, Sturgis, Mich. Apparatus for bending metal tubes and like hollow bodies. 2,117,724; May 17.
- Iben, Hajo B., assignor to Harbor Plywood Corporation, Hoquiam, Wash. Veneer gauge for clippers. 2,129,133; Sept. 6.
- Ibendorff, Rudolf, Stettin, Germany. Writing board. 2,110,155; Mar. 8.
- Ice Cooling Appliance Corporation. (See Herdlein, John B., assignor.)
- Ice, James N., assignor to Dase Engineering & Manufacturing Company, Wheeling, W. Va. Pipe coupling. 2,125,570; Aug. 2.
- Ichter, John H., Ashley, Pa., assignor, by mesne assignments to The Standard Stoker Company, Inc., New York, N. Y. Fuel distributing mechanism. 2,105,457; Jan. 11.
- Iconograph Company. (See Holmes, D. H., Burgner, and Ewing, assignors.)
- Idaho Maryland Mines Corporation. (See Newsom, John B., assignor.)
- Iddings, Carl, Staten Island, N. Y., assignor to The Muralo Company, Inc. Casein composition. 2,127,843; Aug. 23.
- Iddings, Carl, Staten Island, N. Y., assignor to The Muralo Company, Inc. Adhesive. 2,133,098; Oct. 11.
- Ide, Albert D., Chicago, Ill. Sign for highways. 2,132,478; Oct. 11.
- Ide, Ariel H., assignor to J. C. Ide, Troy, N. Y. Collar and cuff. 2,120,147; June 7.
- Ide, Jean C. (See Ide, Ariel H., assignor.)
- Ide, Sobel and T., Nakano-ku, Tokyo, Japan. Producing test fluid for the procedure of test for syphilis. 2,112,496; Mar. 29.
- Ide, Tamao. (See Ide, Sobel and T.)
- Ideal Electric and Manufacturing Company, The. (See Milliken, Frank H., assignor.)
- Iden, Charles E., Newark, Ohio, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Automatic flue blower. 2,110,364; Mar. 8.
- Ifield, Richard J., Coventry, England. Differential or balance mechanism. 2,121,915; June 28.
- Igeoe Brothers. (See Woodward, George, assignor.)
- Ihagoe Kamerawerk Steenberg & Co. (See Nüchterlein, Karl, assignor.)
- Ihara, Seytiro, Nakaku, Nagoya, assignor to Nippon Gaisai Kabushiki Kaisha, Nagoya, Japan. Corrosion resisting pump and blower. 2,107,260; Feb. 1.
- Ihleln, Ludwig A., Philadelphia, Pa. Nonrefillable bottle. 2,139,670; Dec. 6.
- Ihling, Walter E., et al. (See Bennett, Dennis H., assignor.)
- Ihm, Ivan H., and C. F. Tuttle, Richmond, assignors to Standard Oil Company of California, San Francisco, Calif. Boring machine. 2,117,327; May 17.
- Ihm, Ivan H., and C. F. Tuttle, Richmond, assignors to Standard Oil Company of California, San Francisco, Calif. Retreading machine for restricted bores. 2,135,329; Nov. 1.
- Ihrig, Harry K., assignor to Globe Steel Tubes Co., Milwaukee, Wis. Impregnation of metals with silicon. 2,107,719; May 10.
- Ihrig, Harry K., assignor to Globe Steel Tubes Co., Milwaukee, Wis. Impregnation of metals with silicon. 2,109,485; Mar. 1.
- Ihrke, Albert J., et al. (See Hills, Ernest E., assignor.)
- Iida, Koji, Itabashi-ku, Tokyo, Japan. Butterfly valve. 2,119,816; June 7.
- Ikawa, Shunichi. (See Kondo, H., Ikawa, and Kobayashi.)
- Ilex Optical Company. (See Brueck, Theodore M., assignor.)
- Iford Limited. (See Kendall, John D., assignor.)
- Iford Limited, et al. (See Murray, H. D., and Spencer, assignors.)
- Ilg, Anton. (See Schürch, F., and Ilg.)
- Illich, Herbert H., New York, N. Y. Pouring device. 2,134,281; Oct. 25.
- Ilgen, Hans, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Indicator device. 2,120,100; June 7.
- Ilguth, Gustav, Langwalsersdorf, Germany. Helmet. 2,140,630; Dec. 20.
- Illig, John L. (See Fulton, K. H., and Illig.)
- Illinois Brick Company. (See Filippi, Hugo, assignor.)
- Illinois Clay Products Company, The. (See Nichols, Arthur S., assignor.)
- Illinois Clay Products Company, The. (See Nichols, A. S., and Essex, assignors.)
- Illinois Dry Kiln Company. (See Card, Joseph B., assignor.)
- Illinois Electric Porcelain Company. (See Kettron, Charles W., assignor.)
- Illinois Engineering Company. (See Hultgren, Paul, assignor.)
- Illinois Engineering Company, The. (See Leutwiler, R. W., and Eichholz, assignors.)
- Illinois Iron & Bolt Company. (See Warner, Arthur L., assignor.)
- Illinois Railway Equipment Company. (See Harbert, Victor H., assignor.)
- Illinois Railway Equipment Company. (See Harbert, V. H., and Johnson, assignors.)
- Illinois Railway Equipment Company. (See Johnson, Malcolm S., assignor.)
- Illinois Testing Laboratories, Inc. (See Breitenstein, Victor W., assignor.)
- Illinois Tool Works. (See Comstock, John A., assignor.)
- Illinois Tool Works. (See Crowther, Edmond C., assignor.)
- Illinois Tool Works. (See Hosking, Richard T., assignor.)
- Illinois Tool Works. (See Olson, Carl G., assignor.)
- Illinois Watch Case Company. (See Anderson, Edward C., assignor.)
- Ilische, Arthur, Rye, N. Y. Button fastener. 2,127,363; Aug. 16.
- Ilseman, Eric M., Newark, N. J. Dispenser. 2,119,917; June 7.
- Ilseman, Eric M., assignor to International Decorative Novelty Company, Newark, N. J. Machine for making decorative material. 2,116,577; May 10.
- Imersheim, Matthias, assignor to Graceform-Camlin Corset Co., Inc., New York, N. Y. Undergarment. 2,137,163; Nov. 15.
- Imbertson, Norman M., and C. F. Duerling, Los Angeles, Calif. Apparatus for and process of soil conditioning. 2,127,175; Aug. 16.
- Imes, Robert H., and H. F. Fruth, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrical contact and making the same. 2,137,617; Nov. 22.
- Imfeld, Karl, assignor to Societe Anonyme Adolphe Saurer, St. Gall, Switzerland. Injection nozzle for internal combustion engines. 2,110,365; Mar. 8.
- Imhofe, Robert H., assignor to Rex-Watson Corporation, Canastota, N. Y. Illuminated sign for vehicles. 2,130,090; Sept. 13.
- Imkamp, Karl, assignor to Anker-Werke, A. G., Bielefeld, Germany. Printing and resetting mechanism. 2,108,858; Feb. 22.
- Immendoerfer, Eugen, and H. Loewe, Ludwigshafen-on-the-Rhine, and H. Muench, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tanning hides and pelts with the aid of iron compounds. 2,127,297; Aug. 16.
- Imperatore, Arthur E., New York, N. Y. Book protector. 2,117,559; May 17.
- Imperial Brass Manufacturing Company, The. (See Beehler, Vernon D., assignor.)
- Imperial Brass Manufacturing Company, The. (See Beehler, V. D., and McIntosh, assignors.)
- Imperial Brass Manufacturing Company. (See Dlesk, John.)
- Imperial Brass Manufacturing Company, The. (See Dobrick, August C., assignor.)
- Imperial Brass Manufacturing Company, The. (See Franck, George E., assignor.)
- Imperial Chemical Industries Limited. (See Archer, Norman, assignor.)
- Imperial Chemical Industries Limited. (See Baird, William, assignor.)
- Imperial Chemical Industries Limited. (See Baird, W., and Davies, assignors.)
- Imperial Chemical Industries Limited. (See Baldwin, Alfred W., assignor.)
- Imperial Chemical Industries Limited. (See Baldwin, A. W., Blackshaw, and Woolvin, assignors.)
- Imperial Chemical Industries Limited. (See Baldwin, A. W., and Piggott, assignors.)
- Imperial Chemical Industries Limited. (See Baxter, John P., assignor.)
- Imperial Chemical Industries Limited. (See Baxter, J. P., and Burrage, assignors.)
- Imperial Chemical Industries Limited. (See Baxter, J. P., Montgomery, and Moore, assignors.)
- Imperial Chemical Industries Limited. (See Bennett, Nicholas, assignor.)
- Imperial Chemical Industries Limited. (See Blackshaw, H., Hurdacre, and Sexton, assignors.)
- Imperial Chemical Industries Limited. (See Blackshaw, H., and Rogers, assignors.)



- Imperial Chemical Industries Limited. (See Burchill, John, assignor.)  
 Imperial Chemical Industries Limited. (See Callender, Albert, assignor.)  
 Imperial Chemical Industries Limited. (See Carter, D., Cuthbert-Smith, Jackson, Rendell, and Thomas, assignors.)  
 Imperial Chemical Industries Limited. (See Challenor, William A. P., assignor.)  
 Imperial Chemical Industries Limited. (See Challenor, W. A. P., and Scott, assignors.)  
 Imperial Chemical Industries Limited. (See Clark, Arthur M., assignor.)  
 Imperial Chemical Industries Limited. (See Craik, James, assignor.)  
 Imperial Chemical Industries Limited. (See Coffey, S., and Haddock, assignors.)  
 Imperial Chemical Industries Limited. (See Coffey, S., and Schofield, assignors.)  
 Imperial Chemical Industries Limited. (See Crawford, J. W. C., and McGrath, assignors.)  
 Imperial Chemical Industries Limited. (See Curd, Francis H. S., assignor.)  
 Imperial Chemical Industries Limited. (See Davidson, A., and Lumsden, assignors.)  
 Imperial Brass Manufacturing Company, The. (See Dobrick, A. C., and Tank, assignors.)  
 Imperial Chemical Industries Limited. (See Dodd, Herbert, assignor.)  
 Imperial Chemical Industries Limited. (See Dunn, J. S., Himsworth, and Lefebure, assignors.)  
 Imperial Chemical Industries Limited. (See Ellingworth, Samuel, assignor.)  
 Imperial Chemical Industries Limited. (See Evans, J. G., and Salkeld, assignors.)  
 Imperial Chemical Industries Limited. (See Evans, J. G., and Slater, assignors.)  
 Imperial Chemical Industries Limited. (See Fairweather, David A. W., assignor.)  
 Imperial Chemical Industries Limited. (See Fawcett, E. W., and McCowen, assignors.)  
 Imperial Chemical Industries Limited. (See Fawcett, E. W., and Walker, assignors.)  
 Imperial Chemical Industries Limited. (See Fraser, Ronald G. J., assignor.)  
 Imperial Chemical Industries Limited. (See Gale, P. T., and Sexton, assignors.)  
 Imperial Chemical Industries Limited. (See Glass, J. V. S., and Hirsh, assignors.)  
 Imperial Chemical Industries Limited. (See Gleave, Wilfrid W., assignor.)  
 Imperial Chemical Industries Limited. (See Goldstein, R. F., McQueen, and Fairweather, assignors.)  
 Imperial Chemical Industries Limited. (See Habgood, Bernard J., assignor.)  
 Imperial Chemical Industries Limited. (See Haddock, N. H., and Lodge, assignors.)  
 Imperial Chemical Industries Limited. (See Hardie, D. W. F., and Ockrent, assignors.)  
 Imperial Chemical Industries Limited. (See Harrison, A. A., and Oakeshott, assignors.)  
 Imperial Chemical Industries Limited. (See Harrison, C. F. R., Clark, and Hilton, assignors.)  
 Imperial Chemical Industries Limited. (See Haupt, Albertus H., assignor.)  
 Imperial Chemical Industries Limited. (See Heilbron, I. M., and Irving, assignors.)  
 Imperial Chemical Industries Limited. (See Heilbron, I. M., Irving, and Linstead, assignors.)  
 Imperial Chemical Industries Limited. (See Hill, F., and Radley, assignors.)  
 Imperial Chemical Industries Limited. (See Hill, Rowland, assignor.)  
 Imperial Chemical Industries Limited. (See Himsworth, F. R., and Dunn, assignors.)  
 Imperial Chemical Industries Limited. (See Irving, F., and Shaw, assignors.)  
 Imperial Chemical Industries Limited. (See Johnson, E. W., and Eastwood, assignors.)  
 Imperial Chemical Industries Limited. (See Jones, Elwyn, assignor.)  
 Imperial Chemical Industries Limited. (See Knight, Arthur H., assignor.)  
 Imperial Chemical Industries Limited. (See Knight, A. H., and Piggott, assignors.)  
 Imperial Chemical Industries Limited. (See Lawrie, L. G., Reynolds, and Piggott, assignors.)  
 Imperial Chemical Industries Limited. (See Leicester, Fred D., assignor.)  
 Imperial Chemical Industries Limited. (See Linstead, R. P., and Dent, assignors.)  
 Imperial Chemical Industries Limited. (See Lodge, F., and Lumsden, assignors.)  
 Imperial Chemical Industries Limited. (See Lodge, Frank, assignor.)  
 Imperial Chemical Industries Limited. (See Malam, John E., assignor.)  
 Imperial Chemical Industries Limited. (See McHaffie, I. R., and Tyrer, assignors.)  
 Imperial Chemical Industries Limited. (See Mendoza, M., and Rose, assignors.)  
 Imperial Chemical Industries Limited. (See Mitchell, Walter, assignor.)  
 Imperial Chemical Industries Limited. (See Moore, Joseph G., assignor.)  
 Imperial Chemical Industries Limited. (See Mudford, Harry D., assignor.)  
 Imperial Chemical Industries Limited. (See Nonhebel, G., and Pearson, assignors.)  
 Imperial Chemical Industries Limited. (See Piggott, Henry A., assignor.)  
 Imperial Chemical Industries Limited. (See Pirie, Harold, assignor.)  
 Imperial Chemical Industries Limited. (See Renfrew, Archibald, assignor.)  
 Imperial Chemical Industries Limited. (See Robinson, Edwin B., assignor.)  
 Imperial Chemical Industries Limited. (See Rose, Francis L., assignor.)  
 Imperial Chemical Industries Limited. (See Rubenstein, Leon, assignor.)  
 Imperial Chemical Industries Limited. (See Saunders, Kenneth H., assignor.)  
 Imperial Chemical Industries Limited. (See Saunders, K. H., and Rogers, assignors.)  
 Imperial Chemical Industries Limited. (See Savage, Joseph, assignor.)  
 Imperial Chemical Industries Limited. (See Sexton, Wilfred A., assignor.)  
 Imperial Chemical Industries Limited. (See Sosson, Charles E., assignor.)  
 Imperial Chemical Industries Limited. (See Spencer, S. B., and Dutton, assignors.)  
 Imperial Chemical Industries Limited. (See Spencer, W. D., and Walker, assignors.)  
 Imperial Chemical Industries Limited. (See Spittle, Henry M., assignor.)  
 Imperial Chemical Industries Limited. (See Strouts, Charles R. N., assignor.)  
 Imperial Chemical Industries Limited. (See Tattersall, Harold J., assignor.)  
 Imperial Chemical Industries Limited. (See Taylor, J., and Young, assignors.)  
 Imperial Chemical Industries Limited. (See Thomson, R. F., Anderson, and Thornley, assignors.)  
 Imperial Chemical Industries Limited. (See Tyce, G. C., and Lefebure, assignors.)  
 Imperial Chemical Industries Limited. (See Tyrer, Daniel, assignor.)  
 Imperial Chemical Industries Limited. (See Tyrer, D., and Clark, assignors.)  
 Imperial Chemical Industries Limited. (See Vigers, B. E. A., and McCowen, assignors.)  
 Imperial Chemical Industries Limited. (See Waterman, H. I., and Van Vlodrop, assignors.)  
 Imperial Chemical Industries Limited. (See White, Albert G., assignor.)  
 Imperial Chemical Industries Limited. (See Williams, V. H., and Foster, assignors.)  
 Imperial Chemical Industries Limited. (See Wyler, Max, assignor.)  
 Imperial Die Casting Company, The. (See Johnson, Roy F., assignor.)  
 Imperial Molded Products Corporation. (See Amrine, Leclaire H., assignor.)  
 Imperial Oil & Gas Products Company. (See Hartman, J., and Knapp, assignors.)  
 Imperial Oil & Gas Products Company. (See Knapp, W. A., and Gregory, assignors.)  
 Imperial Typewriter Company Limited. (See Brownjohn, Joseph H., assignor.)  
 Improved Products & Machinery Company, Inc. (See Luhn, Hans P., assignor.)  
 Indahl, Mauritz C. (See Bancroft, W., and Indahl.)  
 Indemse Corporation, The. (See Green, James L., assignor.)  
 Indemse Corporation, The. (See Green, J. L., and Hicks, assignors.)  
 Independent Air Filter Company. (See Dahlman, Verner, assignor.)  
 Independent Crop Dusting, Inc. (See Streif, R. J., and Robertson, assignors.)  
 Independent Die & Supply Company. (See Cadenbach, Christian A., assignor.)  
 Independent Die and Supply Company. (See Lindholm, Courtney R., assignor.)  
 Independent Die and Supply Company. (See Sullivan, William J., assignor.)  
 Independent Lock Company. (See Etsten, Morris H., assignor.)  
 Independent Lock Company. (See Falk, Bernard S., assignor.)  
 Independent Lock Company. (See Falk, Morris, assignor.)  
 Independent Lock Company. (See Shaw, Harold D., assignor.)  
 Independent Pneumatic Tool Co. (See Douglass, Cecil N., assignor.)  
 Independent Pneumatic Tool Co. (See Forss, Frithiof P., assignor.)  
 Independent Pneumatic Tool Co. (See Fosnot, Louis P., assignor.)  
 Independent Pneumatic Tool Co. (See Nash, William W., assignor.)  
 Indge, Herbert S. (See Dunbar, H. W., and Indge.)  
 Indge, Herbert S. (See Hulbert, G. E., and Indge.)  
 Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Abrasive wheel and mount therefor. 2,110,086; Mar. 1.



- Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Grinding wheel reciprocating mechanism. 2,128,675; Aug. 30.
- Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Grinding machine table reciprocating mechanism. 2,132,953; Oct. 11.
- Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Polishing machine. 2,142,058; Dec. 27.
- Indge, Herbert S., and G. E. Hulbert, Westboro, assignors to Norton Company, Worcester, Mass. Footstock for cam lapping machines. 2,117,960; May 17.
- Indian Central Cotton Committee. (See Nanjundayya, Chandrashekariya, assignor.)
- Indian Refining Company, The. (See Govers, Francis X., assignor.)
- Indian Refining Company, The. (See McFarland, Edward G., assignor.)
- Indiana Fibre Products Corporation. (See Magers, Luther, assignor.)
- Indiana Steel & Wire Company. (See Crapo, Frederick M., assignor.)
- Indrieri, Alexander F., assignor of two per cent to E. Bernhardt and fifteen per cent to D. Petruzzelli and V. Scavo, Chicago, Ill. Spring motor and refrigerator drive. 2,105,886; Jan. 18.
- Industrial Associates, Inc. (See Riley, Champlain L., assignor.)
- Industrial Chemical Research Company. (See Eipper, William R., assignor.)
- Industrial Clutch Company. (See Eason, Clarence M., assignor.)
- Industrial Development and Research Laboratories, Incorporated. (See Lewit, Carl J., assignor.)
- Industrial Dyestuff Company. (See Norman, Simon, assignor.)
- Industrial Gloves Corporation. (See Jensen, Karl E., assignor.)
- Industrial Machine Corporation. (See McHugh, Joseph P., assignor.)
- Industrial Patents Corporation. (See Ashton, Ernest W., assignor.)
- Industrial Patents Corporation. (See Bloom, Oscar T., assignor.)
- Industrial Patents Corporation. (See Cadwell, Leon L., assignor.)
- Industrial Patents Corporation. (See Campbell, Melvin M., assignor.)
- Industrial Patents Corporation. (See Davis, Elmer M., assignor.)
- Industrial Patents Corporation. (See De Vout, Anson W., assignor.)
- Industrial Patents Corporation. (See Dziedzic, Nicholas J., assignor.)
- Industrial Patents Corporation. (See Harschnek, Robert A., assignor.)
- Industrial Patents Corporation. (See Hartzell, Dwight W., assignor.)
- Industrial Patents Corporation. (See McKee, Harry H., assignor.)
- Industrial Patents Corporation. (See McKee, H. H., and Dziedzic, assignors.)
- Industrial Patents Corporation. (See McCue, William J., assignor.)
- Industrial Patents Corporation. (See McKim, Charles F., assignor.)
- Industrial Patents Corporation. (See Mehlenbacher, Virgil C., assignor.)
- Industrial Patents Corporation. (See Mitchell, Harold S., assignor.)
- Industrial Patents Corporation. (See Newton, R. C., and Bollens, assignors.)
- Industrial Patents Corporation. (See Parsons, C. H., and Mink, assignors.)
- Industrial Patents Corporation. (See Phelps, G. W., Bradley, and Pierle, assignors.)
- Industrial Patents Corporation. (See Reeve, Rex W., assignor.)
- Industrial Patents Corporation. (See Sadoff, Bernard J., assignor.)
- Industrial Patents Corporation. (See Straeten, Charles L., assignor.)
- Industrial Patents Corporation. (See Walter, Charles T., assignor.)
- Industrial Patents Corporation. (See Wickliffe, John K., assignor.)
- Industrial Patents Corporation. (See Wright, David M., assignor.)
- Industrial Patents Corporation. (See Young Harland H., Jr., assignor.)
- Industrial Process Corporation. (See Minor, Henry R., assignor.)
- Industrial Rayon Corporation. (See Brooks, George F., assignor.)
- Industrial Rayon Corporation. (See Burkholder, Alden H., assignor.)
- Industrial Rayon Corporation. (See Hillix, Foster E., assignor.)
- Industrial Rayon Corporation. (See Jordan, L. J., and Walters, assignors.)
- Industrial Rayon Corporation. (See Kline, Hayden B., assignor.)
- Industrial Rayon Corporation. (See Kline, H. B., Knebusch, and Burkholder, assignors.)
- Industrial Rayon Corporation. (See Knebusch, W. F., and Hillix, assignors.)
- Industrial Rayon Corporation. (See Lovett, Louis E., assignor.)
- Industrial Rayon Corporation. (See Schwartz, Harvey A., assignor.)
- Industrie A. G. Allegro. (See Barsch, Guillaume, assignor.)
- Industriemisk Aktiebolaget. (See Wessblad, K. A., Göth, and Naucier, assignors.)
- Infant Socks Company. (See Longtin, William J., assignor.)
- Inflico Inc. (See Adelson, Samuel L., assignor.)
- Inflico Inc. (See Behrman, Abraham S., assignor.)
- Inflico Inc. (See Green, W. H., and Hodges, assignors.)
- Ingels, James J. (See Petersen, William H., assignor.)
- Ingenium Aktiengesellschaft. (See Reiter, Bruno, assignor.)
- Ingersoll Milling Machine Company, The. (See Johnson, John R., assignor.)
- Ingersoll Milling Machine Company, The. (See Johnson, J. R., Oberhoffken, and Cotta, assignors.)
- Ingersoll Milling Machine Company, The. (See Kraus, Charles E., assignor.)
- Ingersoll Milling Machine Company, The. (See Lyon, Arthur H., assignor.)
- Ingersoll Milling Machine Company, The. (See Oberhoffken, Alexander, assignor.)
- Ingersoll Milling Machine Company, The. (See Oberhoffken, Alexander, assignor.)
- Ingersoll Milling Machine Company, The. (See Strawn, Marion L., assignor.)
- Ingersoll-Rand Company. (See Allen, Roy O., assignor.)
- Ingersoll-Rand Company. (See Baker, Charles S., assignor.)
- Ingersoll-Rand Company. (See Bancel, Paul A., assignor.)
- Ingersoll-Rand Company. (See Bancel, P. A., and Hoffman, assignors.)
- Ingersoll-Rand Company. (See Dickenson, Ernest H., assignor.)
- Ingersoll-Rand Company. (See Eppens, Ernest G., assignor.)
- Ingersoll-Rand Company. (See Frelin, Fritjof, assignor.)
- Ingersoll-Rand Company. (See Fuehrer, George H., assignor.)
- Ingersoll-Rand Company. (See Fuehrer, G. H., and Hulshizer, assignors.)
- Ingersoll-Rand Company. (See Haight, Harry V., assignor.)
- Ingersoll-Rand Company. (See Hornschuch, Hanns, assignor.)
- Ingersoll-Rand Company. (See Hulshizer, George W., assignor.)
- Ingersoll-Rand Company. (See Hulshizer, Joseph I., assignor.)
- Ingersoll-Rand Company. (See Kirgan, John, assignor.)
- Ingersoll-Rand Company. (See Le Valley, John, assignor.)
- Ingersoll-Rand Company. (See Mack, Albert R., assignor.)
- Ingersoll-Rand Company. (See MacLean, John A., assignor.)
- Ingersoll-Rand Company. (See McHugh, Anthony L., assignor.)
- Ingersoll-Rand Company. (See Metzgar, Chester W., assignor.)
- Ingersoll-Rand Company. (See Miller, Frank, assignor.)
- Ingersoll-Rand Company. (See Morrison, William A., assignor.)
- Ingersoll-Rand Company. (See Reynolds, H. C., and Jimerson, assignors.)
- Ingersoll-Rand Company. (See Richard, Allen H., assignor.)
- Ingersoll-Rand Company. (See Seawright, R. M. (Robert M. F. Seawright), assignor.)
- Ingersoll-Rand Company. (See Seeley, De Forest H., assignor.)
- Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
- Ingersoll-Rand Company. (See Smith, William A., Sr., assignor.)
- Ingersoll-Rand Company. (See Terry, Edward F., assignor.)
- Ingersoll-Rand Company. (See Thomas, Floyd H., assignor.)
- Ingersoll-Rand Company. (See Woodard, George H., assignor.)
- Ingersoll, Roy C., assignor to Borg-Warner Corporation, Chicago, Ill. Making laminated metal blanks having a lamination of varying thicknesses. 2,107,330; Feb. 8.
- Ingersoll, Roy C., assignor to Borg-Warner Corporation, Chicago, Ill. Ring for packaging. 2,119,745; June 7.
- Ingersoll, Roy C., Chicago, Ill., assignor to Borg-Warner Corporation. Barrel construction. 2,128,297; Aug. 30.
- Ingersoll, Stephen L., assignor to Borg-Warner Corporation, Chicago, Ill. Making laminated metal blanks. 2,109,010; Feb. 25.
- Ingham, Richard. Nashua, N. H. Ice cream enrober. 2,125,112; July 26.
- Ingles, Clifton, assignor to National Water Main Cleaning Co., New York, N. Y. Device used for coating the interior of a water main. 2,106,004; Jan. 18.
- Ingleside Company, The. (See Collins, Howard W., assignor.)
- Ingleside Company, The. (See Slayter, G., and Collins, assignors.)
- Ingleside, Inc. (See Slayter, G., and Collins, assignors.)



- Inglis, Henry B., Flint, Mich. Bomb sight and pilot director. 2,105,147; Jan. 11.
- Inglis, Henry B., Fenton, Mich. Pilot director. 2,105,148; Jan. 11.
- Inglis, John, assignor to Clyde Paper Company Limited, Rutherglen, Glasgow, Scotland. Web reeling-off machine. 2,132,789; Oct. 11.
- Ingouff, Robert J. A., assignor to Blue Ridge Glass Corporation, Kingsport, Tenn. Continuous process for making sheets of multicellular glass. 2,118,707; May 24.
- Ingraham, Dean C., Contra Costa County, Calif., assignor to The Glidden Company, Cleveland, Ohio. Salad dressing and flavoring therefor. 2,115,073; Apr. 26.
- Ingraham, Joseph H. (See Wilson, R. M., and Ingraham.)
- Ingram, Walter M., assignor to Millie Patent Holding Co., Inc., New York, N. Y. Square tea bag machine. 2,114,304; Apr. 19.
- Inland Container Corporation. (See Bomberger, George E., assignor.)
- Inland Steel Company. (See Castle, Alfred J., assignor.)
- Inland Steel Company. (See Sykes, Wilfred, assignor.)
- Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric discharge device. 2,104,652; Jan. 4.
- Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric discharge device and method of starting. 2,109,998; Mar. 1.
- Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Circuit for electric discharge devices. 2,114,842; Apr. 19.
- Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric lamp. 2,116,681; May 10.
- Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric lamp. 2,135,714; Nov. 8.
- Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric lamp. 2,135,715; Nov. 8.
- Inman, Harry A., Newark, N. Y. Box erecting appliance. 2,129,177; Sept. 6.
- Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Carton construction. 2,107,946; Feb. 8.
- Inner-Tite Clamp Corporation. (See Engel, F. A., and Hudson, assignors.)
- Innes Company. (See Innes, George, assignor.)
- Innes, George, Davenport, assignor to Innes Company, Bettendorf, Iowa. Pick-up mechanism. 2,133,143; Oct. 11.
- Innocenti, Ferdinando, Rome, Italy. Device for uniting tubes of metallic structures. 2,133,197; Oct. 11.
- Innocenti, Ferdinando, Rome, Italy. Wall fastener. 2,137,911; Nov. 22.
- Inscho, Sidney D., Shelby, Ohio. Tube drawing apparatus. 2,108,790; Feb. 22.
- Inskeep, Harry V., Fanwood, N. J., assignor to The Linde Air Products Company. Cutting composite metal bodies. 2,139,957; Dec. 13.
- Insley Manufacturing Corporation. (See Dorward, Raymond B., assignor.)
- Insley Manufacturing Corporation. (See Ray, Frederick B., assignor.)
- Installment Securities Agency, Inc. (See Ross, Ralph P., assignor.)
- Institute of Paper Chemistry, The. (See Graff, John H., assignor.)
- Institute of Paper Chemistry, The. (See Kress, O., and Johnson, assignors.)
- Institute of Paper Chemistry. (See Rowland, Ben W., assignor.)
- Insulatus A. G. (See Ankli, Walter L., assignor.)
- Insulte Company, The. (See Ellis, George H., assignor.)
- Interchemical Corporation. (See Gessler, Albert E., assignor.)
- Interchemical Corporation. (See Hardy, Arthur C., assignor.)
- Interchemical Corporation. (See Ives, Herbert E., assignor.)
- Interchemical Corporation. (See Jeuck, Francis J., assignor.)
- Interchemical Corporation. (See Larsen, Louis M., assignor.)
- Interchemical Corporation. (See Meister, Walter F., assignor.)
- Interchemical Corporation. (See Mock, Walter W., assignor.)
- Interchemical Corporation. (See Ryan, L. W., and Fischer, assignors.)
- Interchemical Corporation. (See Schroeder, Arthur J., assignor.)
- Interchemical Corporation. (See Turek, Frank S., assignor.)
- Inter-Collegiate Press. (See Bender, Robert W., assignor.)
- Interior Steel Equipment Company, The. (See Schaefer, Joseph F., assignor.)
- Interlake Iron Corporation. (See Clair, Edward L., assignor.)
- Interlake Iron Corporation. (See Fagan, John P., assignor.)
- Interlake Tissue Mills Co. Limited. (See Carruthers, George, assignor.)
- Interlock Patents Limited. (See Reynolds, W., and Bonser, assignors.)
- Intermetal Corporation. (See Jenness, Leslie G., assignor.)
- International Braid Company. (See Croft, Walter J., Jr., assignor.)
- International Business Machines Corporation. (See Armbruster, John W., assignor.)
- International Business Machines Corporation. (See Ayres, Waldemar, assignor.)
- International Business Machines Corporation. (See Belderbeke, Charles H., assignor.)
- International Business Machines Corporation. (See Brand, Samuel, assignor.)
- International Business Machines Corporation. (See Bryce, James W., assignor.)
- International Business Machines Corporation. (See Bryce, J. W., and Daly, assignors.)
- International Business Machines Corporation. (See Bugge, Vernon M., assignor.)
- International Business Machines Corporation. (See Bugge, V. M., and Johnston, assignors.)
- International Business Machines Corporation. (See Campbell, Charles, assignor.)
- International Business Machines Corporation. (See Carroll, F. M., and Bakelaar, assignors.)
- International Business Machines Corporation. (See Chapman, Bert, assignor.)
- International Business Machines Corporation. (See Crumrine, Chester W., assignor.)
- International Business Machines Corporation. (See Cunningham, James M., assignor.)
- International Business Machines Corporation. (See Daly, George F., assignor.)
- International Business Machines Corporation. (See Daly, G. F., and Dickinson, assignors.)
- International Business Machines Corporation. (See de Livi, Alexandre L., assignor.)
- International Business Machines Corporation. (See Fallor, Ernest A., assignor.)
- International Business Machines Corporation. (See Ford, Eugene A., assignor.)
- International Business Machines Corporation. (See Friden, Carl M. F., assignor.)
- International Business Machines Corporation. (See Fronefield, Louis H., assignor.)
- International Business Machines Corporation. (See Fuller, Frederick L., assignor.)
- International Business Machines Corporation. (See Fuller, F. L., and Brand, assignors.)
- International Business Machines Corp. (See Fuller, F. L., and Daly, assignors.)
- International Business Machines Corporation. (See Fyfe, G. T., and Catterall, assignors.)
- International Business Machines Corporation. (See Galyon, John W., assignor.)
- International Business Machines Corporation. (See Garman, H. E., and Woodruff, assignors.)
- International Business Machines Corporation. (See Harrison, Laurence S., assignor.)
- International Business Machines Corp. (See Hart, F. H. M., and Ehret, assignors.)
- International Business Machines Corporation. (See Hayes, Maxwell F., assignor.)
- International Business Machines Corporation. (See Hillis, James L., assignor.)
- International Business Machines Corporation. (See Holzappel, Emil, assignor.)
- International Business Machines Corporation. (See Johnson, Reynolds B., assignor.)
- International Business Machines Corporation. (See Johnston, John D., assignor.)
- International Business Machines Corporation. (See Keen, Harold H., assignor.)
- International Business Machines Corporation. (See Kölm, Ulrich M. W., assignor.)
- International Business Machines Corp. (See Kölm, U. M. W., and Mutschler, assignors.)
- International Business Machines Corporation. (See Lake, Clair D., assignor.)
- International Business Machines Corporation. (See Lemmon, Walter S., assignor.)
- International Business Machines Corporation. (See Lemmon, W. S., and Fitch, assignors.)
- International Business Machines Corporation. (See Lemmon, W. S., and Holt, assignors.)
- International Business Machines Corporation. (See Lemmon, W. S., Doty, Walz, and Holt, assignors.)
- International Business Machines Corporation. (See Lowkrantz, Gunne, assignor.)
- International Business Machines Corporation. (See Malmros, Gustav V. A., assignor.)
- International Business Machines Corporation. (See Malmros, G. V. A., and Wilkerson, assignors.)
- International Business Machines Corporation. (See McDowell, W. W., and Wells, assignors.)
- International Business Machines Corporation. (See Miles, Joseph W., assignor.)
- International Business Machines Corporation. (See Mills, Albert W., assignor.)
- International Business Machines Corporation. (See Mills, A. W., and Rabenda, assignors.)
- International Business Machines Corporation. (See Mills, A. W., Rabenda, and Furman, assignors.)



- International Business Machines Corporation. (See Naylor, William E., assignor.)  
 International Business Machines Corporation. (See Nichols, Harry J., assignor.)  
 International Business Machines Corporation. (See Nichols, H. J., and Tholstrup, assignors.)  
 International Business Machines Corporation. (See Noll, Austin R., assignor.)  
 International Business Machines Corporation. (See Norman, Ernst, assignor.)  
 International Business Machines Corporation. (See Oldenbloom, Derk J., assignor.)  
 International Business Machines Corporation. (See Page, Ralph E., assignor.)  
 International Business Machines Corporation. (See Paris, Robert E., assignor.)  
 International Business Machines Corporation. (See Pennell, L. P., Stone, and Naylor, assignors.)  
 International Business Machines Corporation. (See Petz, John L., assignor.)  
 International Business Machines Corporation. (See Rast, Frederick Q., assignor.)  
 International Business Machines Corporation. (See Reingruber, Engelbert, assignor.)  
 International Business Machines Corporation. (See Rowley, Russell A., assignor.)  
 International Business Machines Corporation. (See Scharr, Walter P., assignor.)  
 International Business Machines Corporation. (See Sprecker, Alfred L., assignor.)  
 International Business Machines Corporation. (See Tauschek, Gustav, assignor.)  
 International Business Machines Corporation. (See Torkelson, Torkel E., assignor.)  
 International Business Machines Corporation. (See Von Pein, Edward J., assignor.)  
 International Business Machines Corporation. (See Watson, Glenn W., assignor.)  
 International Business Machines Corporation. (See Weinlich, H. A., and Breinlinger, assignors.)  
 International Business Machines Corporation. (See Weinlich, H., and Kölm, assignors.)  
 International Carbonic Engineering Company. (See Schutz, Adolph, assignor.)  
 International Carrier-Call and Television Corporation. (See Levy, Sol J., assignor.)  
 International Cellucotton Products Company. (See Deloye, James J., assignor.)  
 International Cellucotton Products Company. (See Fourness, C. A., and Graef, assignors.)  
 International Cellucotton Products Company. (See Gresenz, William A., assignor.)  
 International Cellucotton Products Co. (See Thompson, Oscar T., assignor.)  
 International Cigar Machinery Company. (See Burns, Herbert A., assignor.)  
 International Cigar Machinery Company. (See Durning, James P., assignor.)  
 International Cigar Machinery Company. (See Halstead, John F., assignor.)  
 International Cigar Machinery Company. (See Neumair, Joseph A., assignor.)  
 International Cigar Machinery Company. (See Wheeler, Henry H., assignor.)  
 International Container Coatings Corporation. (See Meade, Alexis E., assignor.)  
 International Containers Limited. (See Bratring, Kurt, assignor.)  
 International Corset Company. (See Schopbach, Charles H., assignor.)  
 International Corset Company. (See Schopbach, C. H., and Babcock, assignors.)  
 International Decorative Novelty Company. (See Ilse-mann, Eric M., assignor.)  
 International Door Company. (See Hagenbook, Thurloe M., assignor.)  
 International Door Company. (See Luke, Leo C., assignor.)  
 International Door Company. (See Shields, John W., assignor.)  
 International Electro Ticket Punch Corp. (See Demetropoulos, Peter, assignor.)  
 International Engineering Corporation. (See Brace, Kemper P., assignor.)  
 International Engineering Corporation. (See Clark, Kendall, assignor.)  
 International Engineering Corporation. (See Klesrath, Victor W., assignor.)  
 International Engineering Corporation. (See Pontius, George W., Jr., assignor.)  
 International Engineering Corporation. (See Root, J. J., and Sowa, assignors.)  
 International Filter Co. (See Atkinson, J. F., and Brown, assignors.)  
 International Folding Paper Box Co. (See Soybel, Meyer M., assignor.)  
 International Harvester Company. (See Acton, Russell E., assignor.)  
 International Harvester Company. (See Baker, D. E., and Overholt, assignors.)  
 International Harvester Company. (See Baker, D. E., Rogers, and Panzger, assignors.)  
 International Harvester Company. (See Bechman, William O., assignor.)  
 International Harvester Company. (See Benjamin, Bert R., assignor.)  
 International Harvester Company. (See Borgerd, W. F., McCune, and Uherek, assignors.)  
 International Harvester Company. (See Bryan, Harry F., assignor.)  
 International Harvester Company. (See Calling, John, assignor.)  
 International Harvester Company. (See Crumb, C. F., and Hilblom, assignors.)  
 International Harvester Company. (See Fergason, Rector C., assignor.)  
 International Harvester Company. (See Graham, William S., assignor.)  
 International Harvester Company. (See Graham, W. S., and Smith, assignors.)  
 International Harvester Company. (See Hodsdon, Floyd G., assignor.)  
 International Harvester Company. (See Jedrzykowski, Edmund, assignor.)  
 International Harvester Company. (See Johnson, Arnold E. W., assignor.)  
 International Harvester Company. (See Johnson, Gustave A., assignor.)  
 International Harvester Company. (See Johnston, Edward A., assignor.)  
 International Harvester Company. (See Johnston, E. A., Baker, and Rogers, assignors.)  
 International Harvester Company. (See Johnston, E. A., and Lindgren, assignors.)  
 International Harvester Company. (See Kriegbaum, G. M., and Morris, assignors.)  
 International Harvester Company. (See Lasley, E. D., Bundy, and Reimoehl, assignors.)  
 International Harvester Company. (See Lindgren, A., and Morkovski, assignors.)  
 International Harvester Company. (See Lindgren, A. C., and Graham, assignors.)  
 International Harvester Company. (See MacDonald, Raymore D., assignor.)  
 International Harvester Company. (See Millard, Lee P., assignor.)  
 International Harvester Company. (See Morkoski, James, assignor.)  
 International Harvester Company. (See Powell, Stanley C., assignor.)  
 International Harvester Company. (See Raney, Clemma R., assignor.)  
 International Harvester Company. (See Raney, C. R., and Welty, assignors.)  
 International Harvester Company. (See Rogers, Clifford R., assignor.)  
 International Harvester Company. (See Roscoe, Merrill W., assignor.)  
 International Harvester Company. (See Scarlett, Arthur A., assignor.)  
 International Harvester Company. (See Smith, Hiram P., assignor.)  
 International Holding Radial. (See Grenier, Pierre, assignor.)  
 International Leather Company, The. (See Pollard, Joseph F., assignor.)  
 International Metal Industries Limited. (See Brouse, William H. D., assignor.)  
 International Metal Industries Limited. (See Brouse, W. H. D., and Hume, assignors.)  
 International Motor Company. (See Kurtl, A., and Robbins, assignors.)  
 International Mutoscope Reel Co. Inc. (See Sacher, John R., assignor.)  
 International Nickel Company, The. (See Bieber, C. G., and Buck, assignors.)  
 International Nickel Company, The. (See Graham, Alexander B., assignor.)  
 International Nickel Company Inc., The. (See Harrison, C. F. R., and Wallis, assignors.)  
 International Nickel Company, The. (See Pfeil, Leonard B., assignor.)  
 International Nickel Company. (See Wise, Edmund M., assignor.)  
 International Novelty Company. (See Waddington, Arthur S., assignor.)  
 International Paper Company. (See Charlton, Edgar A., assignor.)  
 International Paper Company. (See Hutchins, Edward, assignor.)  
 International Paper Company. (See Rolleston, Lancelot O., assignor.)  
 International Paper Company. (See Williams, Harrison R., assignor.)  
 International Patents Development Company. (See Robt, Hans, assignor.)  
 International Patents Development Company. (See Butler, A. J., and Horesl, assignors.)  
 International Patents Development Company. (See Copland, Charles J., assignor.)  
 International Patents Development Company. (See Fisher, Adam J., assignor.)  
 International Patents Development Company. (See Jelleries, Frederick L., assignor.)  
 International Patents Development Company. (See Kelling, Alfred H., assignor.)  
 International Patents Development Company. (See Kerr, Ralph W., assignor.)



- International Patents Development Company. (See McCoy, Rush O., assignor.)
- International Patents Development Company. (See Middleton, Herbert T., assignor.)
- International Patents Development Company. (See Wakeman, Louis K., assignor.)
- International Postal Supply Company, The. (See Holland, Henry V., assignor.)
- International Postal Supply Company, The. (See Persson, Ernst, assignor.)
- International Postal Supply Company, The. (See Royce, A. A., and Beyer, assignors.)
- International Postal Supply Company, The. (See Zahn, Lawrence J., assignor.)
- International Printing Company, The. (See Gerking, D. V., and Kane, assignors.)
- International Printing Ink Corporation, The. (See Elliot, John L., assignor.)
- International Printing Ink Corporation, The. (See Helmer, Robert, assignor.)
- International Projector Corporation. (See Boecking, Ewald, assignor.)
- International Projector Corporation. (See Griffin, H., and Kindelmann, assignors.)
- International Projector Corporation. (See Kindelmann, Albert, assignor.)
- International Projector Corporation. (See Kindelmann, A., Fearlman, and Ostrander, assignors.)
- International Projector Corporation. (See Morfesi, E., and Kindelmann, assignors.)
- International Projector Corporation. (See Pearlman, J., and Kindelmann, assignors.)
- International Radio Corporation. (See Verschoor, Charles A., assignor.)
- International-Register Company. (See Niederst, George H., assignor.)
- International Register Company. (See Thompson, Ernest H., assignor.)
- International Register Company. (See Woodward, A. H., Richmond, and Thompson, assignors.)
- International Resistance Company. (See Pugh, Alexander L., Jr., assignor.)
- International Seal and Knot Protector Co., The. (See Keidel, Frank, assignor.)
- International Shoe Company. (See Bown, Samuel, assignor.)
- International Shoe Company. (See Britton, Glenn B., assignor.)
- International Silver Company. (See Egeberg, B., and Promisel, assignors.)
- International Silver Company. (See Egeberg, B., and Tindula, assignors.)
- International Standard Electric Corporation. (See Brown, Andrew, assignor.)
- International Standard Electric Corporation. (See Brown, A., Dunn, and McKie, assignors.)
- International Standard Electric Corporation. (See Clavier, Andre G., assignor.)
- International Standard Electric Corporation. (See Clokey, A. A., and Vernam, assignors.)
- International Standard Electric Corporation. (See Foss, Clifton T., assignor.)
- International Standard Electric Corporation. (See Gardere, H., and Pages, assignors.)
- International Standard Electric Corporation. (See Osawa, Juichi, assignor.)
- International Standard Electric Corporation. (See Webb, John K., assignor.)
- International Standard Electric Corporation. (See Woodward, Marion H., assignor.)
- International Supply Company. (See Johnson, Roy A., assignor.)
- International Supply Company. (See Wrigley, James B., assignor.)
- Interstate Metal Products Co. (See Skobel, Louis W., assignor.)
- Intertype Corporation. (See Freund, Herman R., assignor.)
- Intertype Corporation. (See Goodbody, Edmund M., assignor.)
- Intertype Corporation. (See Kelley, Allie H., Jr., assignor.)
- Intertype Corporation. (See Sperry, Arthur G., assignor.)
- Inventor Trust S. A. (See Kardoff, Leon, assignor.)
- Invox Corporation. (See Craig, Palmer H., assignor.)
- Inviz-a-Grip Company. (See Holthaus, Eugene F., assignor.)
- Ion Corporation. (See Kott, Hermann, assignor.)
- Iowa State College Alumni Association, Incorporated. (See Bridgman, C. T., and Giese, assignors.)
- Iowa State College Alumni Association. (See Lane, C. B., and Hammer, assignors.)
- Ipatieff, Vladimir, and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of aromatic derivatives. 2,104,424; Jan. 4.
- Ipatieff, Vladimir, and V. Komarewsky, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of alcohols. 2,107,794; Feb. 8.
- Ipatieff, Vladimir, and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,112,846; Apr. 5.
- Ipatieff, Vladimir, and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,112,847; Apr. 5.
- Ipatieff, Vladimir, and B. B. Corson, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of catalysts. 2,113,654; Apr. 12.
- Ipatieff, Vladimir, and B. B. Corson, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of motor fuels. 2,116,151; May 3.
- Ipatieff, Vladimir, and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,120,702; June 14.
- Ipatieff, Vladimir, and V. Komarewsky, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,131,806; Oct. 4.
- Irby, William, Saugus, Mass., assignor to General Electric Company. Mirror. 2,123,049; July 5.
- Ireland, Le Roy H., Minneapolis, Minn. Display device. 2,117,249; May 10.
- Ireland, Murray. (See Hendrickson, Fritz E., assignor.)
- Ireland, Murray. (See Larson, K. R., and Ireland, assignors.)
- Ireland, Murray, St. Paul, Minn., assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,132,622; Oct. 11.
- Ireland, Murray, St. Paul, Minn., assignor to McGraw Electric Company, Chicago, Ill. Electric toaster. 2,141,867; Dec. 27.
- Ireland, Walter G., Toronto, Ontario, Canada. Humidifier. 2,113,024; Apr. 5.
- Irey, Kenneth M., Palisades Park, N. J., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Molded composition. 2,134,760; Nov. 1.
- Irey, Kenneth M., and L. M. Debing, Palisades Park, N. J., assignors to Resinox Corporation, New York, N. Y. Resinous impregnating material. 2,128,879; Aug. 30.
- Irey, Kenneth M., and L. M. Debing, Palisades Park, N. J., assignors to Resinox Corporation, New York, N. Y. Composition cork. 2,128,880; Aug. 30.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Propeller mounting. 2,111,245; Mar. 15.
- Irgens, Finn T., Wauwatosa, Wis., assignor, by mesne assignments, to Outboard, Marine & Manufacturing Company, Wilmington, Del. Self-propelled implement. 2,138,239; Nov. 29.
- Irion, Wilhelm. (See Rossner, E., Börner, Mahn, and Irion, assignors.)
- Irish, Charles F. Bratenahl, Ohio. Tree loading and unloading mechanism. 2,105,353; Jan. 11.
- Irlbeck, Frank J., Dedham, Iowa. Self-steering mechanism for tractors. 2,107,535; Feb. 8.
- Iron Fireman Manufacturing Company. (See Banfield, Thomas H., assignor.)
- Iron Fireman Manufacturing Company. (See Birkenbeuel, Edward B., assignor.)
- Iron Fireman Manufacturing Company. (See Carter, Haskell C., assignor.)
- Iron Fireman Manufacturing Company. (See Lunda, Edward C., assignor.)
- Iron Fireman Manufacturing Company. (See Richardson, Max C., assignor.)
- Iron Fireman Manufacturing Company. (See Sammons, Edward C., assignor.)
- Iron Fireman Manufacturing Company. (See van Rijswijk, Jacobus N., assignor.)
- Iron Products Corporation. (See Heinrich, W. A., and Pieper, assignors.)
- Irons, Carroll, assignor to The Dow Chemical Company, Midland, Mich. Plugging porous strata in wells. 2,121,036; June 21.
- Ironsides Company, The. (See Hall, James F., assignor.)
- Ironsides Company, The. (See Williams, Robert C., assignor.)
- Ironsides Company, The. (See Williams, R. C., and Bone, assignors.)
- Irsh, George J., and W. B. Stephenson, Chicago, Ill.; said Irsh assignor to said Stephenson. Automatic draft controller. 2,126,994; Aug. 16.
- Irschik, Franz, Purkersdorf, Austria. Boiler, more particularly oil burning sectional boiler. 2,122,610; July 5.
- Irvin, Harry J., Dayton, Ohio. Kite. 2,134,282; Oct. 25.
- Irvin, Leslie L., Leichworth, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute harness. 2,130,547; Sept. 20.
- Irvin, Richard, Pittsburgh, Pa. Cribbing structure. 2,109,025; Feb. 22.
- Irving Air Chute Company. (See Irvin, Leslie L., assignor.)
- Irving Air Chute Company. (See Rogers, Harold G., assignor.)
- Irving Air Chute Company. (See Smith, Floyd, assignor.)
- Irving Air Chute of Great Britain Limited. (See Pool, Joseph H., assignor.)
- Irving, Francis. (See Heilbron, I. M., and Irving, assignors.)
- Irving, Francis. (See Heilbron, I. M., Irving, and Linstead, assignors.)
- Irving, Francis, and C. Shaw, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of a new anthraquinone vat dyestuff. 2,129,934; Sept. 13.
- Irving, Henry F. (See Williams, F. E., and Irving, assignors.)
- Irving Trust Company, trustee. (See White, Bruce C., assignor.)
- Irwin, Alexander, Pittsburgh, Pa. Maul. 2,117,095; May 10.
- Irwin Foundry & Mine Car Company. (See Steele, Charles M., assignor.)



- Irwin, Haskell, Oklahoma City, Okla. Multiple locking means for automobile doors. 2,107,737; Feb. 8.
- Irwin, Herbert E., Barons, Alberta, Canada. Propelling mechanism for aircraft and vehicles. 2,138,034; Nov. 29.
- Irwin, Lawrence C., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Temperature or pressure control by flow regulation. 2,140,747; Dec. 20.
- Isaac, Augustin, Lyon, assignor to Dognin-Societe Anonyme, Villeurbanne, Rhone, France. Tulle and lace comprising multiple elastic threads. Re. 20,809; July 26.
- Isaac, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Film pack construction. 2,110,486; Mar. 8.
- Isaac, Minna, Leipzig, Germany. Arm shield for dresses. 2,115,333; Apr. 26.
- Isaacs, Mone R., Philadelphia, Pa. Composition of matter. 2,127,298; Aug. 16.
- Isaacs, Moses H., et al., executors. (See Molins, Walter E.)
- Isaacson, Fred A., Topeka, Kans. Brake beam safety carrier. 2,108,967; Feb. 22.
- Isaacson, Fred A., Topeka, Kans. Shipping automobile bodies. 2,123,362; July 12.
- Isaacson, Fred A., Topeka, Kans. Brake beam safety support. 2,127,258; Aug. 16.
- Isaacson Works, Inc. (See Allin, George S., assignor.)
- Isakson, Walter R., Hobart, Ind. Camshaft governor. 2,120,612; June 14.
- Isbell, George, Elkhardt, and E. J. C. Rogers, Huntington, Ind.; said Isbell assignor to said Rogers. Foldable bed. 2,135,517; Nov. 8.
- Isberg, Johan R., Uttran, Sweden. Support for books and the like. 2,104,864; Jan. 11.
- Iselin, Martin, Riehen, near Basel, and J. Bindler, assignors to the firm J. R. Geigy S. A., Basel, Switzerland. Amino-acid derivatives and their manufacture. 2,139,190; Dec. 6.
- Isenberg, Hans D., Chicago, Ill. Making tubular insulation. 2,133,620; Oct. 18.
- Isenberg, Robert. (See Mysels, W. A., and Isenberg.)
- Isermann, Samuel, Summit, E. Ohlsson, Jersey City, and J. W. Orelup, Summit, N. J. Protective cosmetic. 2,134,947; Nov. 1.
- Isett, John W., Hinsdale, Ill. Highway construction. 2,108,750; Feb. 15.
- Isett, John W., Hinsdale, Ill. Anchoring device. 2,127,973; Aug. 23.
- Isherwood, Benjamin J. (See Rockett, J. M., Isherwood, and Read.)
- Ishibashi, Gonsaburo. (See Kato, Kihachi, assignor.)
- Ish-Shalom, Samu-El, and O. I. Bloom, New York, N. Y. Matrix for photo composing machines. 2,105,555; Jan. 18.
- Ish-Shalom, Samu-El, and O. I. Bloom, New York, N. Y. Matrix for type casting. 2,105,556; Jan. 18.
- Ising, Gustaf A., Stocksund at Stockholm, Sweden. Measuring instrument. 2,113,255; Apr. 5.
- Ismert-Hincke Milling Company. (See Talmage, Floyd L., assignor.)
- Israel, Harry A. (See Elliott, David, assignor.)
- Istre, Sola, assignor of one-half to A. O. King, Lake Charles, La. Wire clothespin. 2,125,787; Aug. 2.
- Itner, Martin H., et al. (See Lowry, George A., assignor.)
- Isturiz, Jesus M., Caracas, Venezuela. Vaccinating method and means. 2,131,284; Sept. 27.
- Ito, Shuyo. (See Fuwa, K., and Ito.)
- Itner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Hydrolysis of fats and oils. 2,139,589; Dec. 6.
- Itzigson, Samuel, Brooklyn, N. Y. Antiglare device. 2,125,232; July 26.
- Ives-Lee Company. (See Salfisberg, Leroy L., assignor.)
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Apparatus for metal rolling. 2,109,904; Mar. 1.
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Rolling mill and operating the same. 2,113,050; Apr. 5.
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Rolling mill. 2,119,390; May 31.
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Apparatus and method for handling sheetlike material. 2,141,394; Dec. 27.
- Iversen, Marinus R. (See Rebohn, F., and Iversen.)
- Iversen, Roderick M., Berkeley, Calif., and N. B. Case, Seattle, Wash. Fusible vent. 2,128,091; Aug. 23.
- Iverson, Emil C., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Road grader. 2,128,881; Aug. 30.
- Ives, Charles Q., Reading, assignor to Sherman Paper Products Corporation, Newton, Mass. Manufacture of corrugated paper. 2,104,996; Jan. 11.
- Ives, H. B., Company, The. (See Hendrick, Hobart J., assignor.)
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiple channel electro-optical image production using mirror helix. 2,107,153; Feb. 1.
- Ives, Herbert E., Upper Montclair, N. J., assignor to Interchemical Corporation, Cincinnati, Ohio. Color chart and making the same. 2,128,676; Aug. 30.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multichannel television system. 2,139,233; Dec. 6.
- Ives, Myrl, and J. D. La Bell, Flint, Mich. Timer for internal combustion engines. 2,127,957; Aug. 23.
- Ivie, Marie L. (See Shick, Lellah E., assignor.)
- Iwamoto, Seichiro. (See Fujii, K., and Iwamoto.)
- Iwasé, Keizô, assignor to Kinzoku Zairyo Henkyusho (The Research Institute for Iron, Steel and Other Minerals), Sendai, Japan. Treatment of titanium bearing iron ores or spongy iron obtained therefrom. 2,135,466; Nov. 1.
- Izard, Emmette F., Elmsere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,694; Sept. 13.
- J. & A. Sales Co. (See Reynolds, Richard S., assignor.)
- J. & L. Tool Company. (See Carlson, Axel H., assignor.)
- Jabelmann, Otto. (See Christianson, A., and Jabelmann.)
- Jablonski, Ludwig, Berlin, and K. Lindner, Berlin-Lichterfelde, assignors to firm: Chemische Fabrik Grünau, Landshoff & Meyer A. G., Berlin-Grünau, Germany. Tanning of leather or hides with mineral tanning agents. 2,128,092; Aug. 23.
- Jablonsky, Bruno, London, England. Variable pitch propeller. 2,117,062; May 10.
- Jablonsky, Bruno, London, England, assignor to Trico-Folberth Limited. Vehicle direction-indicator. 2,138,102; Nov. 29.
- Jablonsky, Joseph S. (See Hlinsky, R., and Jablonsky.)
- Jabouley, Joanny. (See Hale, F. C., and Jabouley.)
- Jack, Edward M., assignor to Union Hardware Company, Torrington, Conn. Hacksaw. 2,137,742; Nov. 22.
- Jack, Labanna S. (See Walton, Arthur B., assignor.)
- Jack, Robert. (See Nelson, I. T., and Jack.)
- Jackson, Jacob. (See Bolognino, A., and Jackson.)
- Jackle, Johann, Detroit, Mich. Hinge. 2,122,034; June 28.
- Jackman, Elmer F., Lakewood, assignor to The Ridge Tool Company of Elyria, North Ridgeville, Ohio. Screw extractor. 2,121,197; June 21.
- Jackman, George W. (See Pierson, W. D., and Jackman.)
- Jackman, William B., Niagara Falls, N. Y. Dental instrument. 2,108,558; Feb. 15.
- Jackson, Arthur L., Kirby, Ark. Gravel crusher and distributor. 2,114,078; Apr. 12.
- Jackson, Arthur R., London, England, assignor to Remington Rand Inc., Buffalo, N. Y. Charting device. 2,118,675; May 24.
- Jackson, Bernard. (See Kirwan, J. P., and Jackson.)
- Jackson, Bruce A., Oakland, Calif. Liquid container. 2,126,390; Aug. 9.
- Jackson, Corwill, Ludington, Mich. Ballast working implement. 2,137,842; Nov. 22.
- Jackson, Corwill, Ludington, Mich. Concrete working machine. 2,141,301; Dec. 27.
- Jackson, David D., Providence, R. I., and E. W. Tefft, South Attleboro, Mass. Gauge. 2,104,521; Jan. 4.
- Jackson, David D., Providence, R. I., and E. W. Tefft, South Attleboro, Mass., assignors to Tefft-Jackson, Incorporated, Pawtucket, R. I. Gauge. 2,104,520; Jan. 4.
- Jackson, Donald T. (See Parsons, J. L., and Jackson, assignors.)
- Jackson, Edward Q., et al. (See Salvoni, Ippolito, assignor.)
- Jackson, Edward W. (See Mayo, R. E., and Jackson.)
- Jackson, Ernest A., assignor of one-half to Gilbert Gilkes & Gordon Limited, Kendal, England. Water turbine. 2,140,230; Dec. 13.
- Jackson, Ernest L., Washington, D. C. Rendering wool unshrinkable. 2,132,342; Oct. 4.
- Jackson, Fred H., assignor of one-half to G. S. Jackson, Hion, N. Y. Pack bolt. 2,120,332; June 14.
- Jackson, George F., Toledo, Ohio. Brake shoe key. 2,123,108; July 5.
- Jackson, George P., Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Superheater boiler. 2,126,260; Aug. 9.
- Jackson, George P., Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Slagging furnace. 2,126,557; Aug. 9.
- Jackson, George P., Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Slagging furnace. 2,133,703; Oct. 18.
- Jackson, George S. (See Jackson, Fred H., assignor.)
- Jackson, Gilbert, New York, N. Y., and J. F. Maher, Ridgefield Park, N. J. Nonrefillable closure for bottles and other containers. 2,115,721; May 3.
- Jackson, Harry. (See Carter, D., Cuthbert Smith, Jackson, Rendell, and Thomas.)
- Jackson, Harry J., Arlington County, Va. Window fastener. 2,112,909; Apr. 5.
- Jackson, Harvey. (See Stone, R., and Jackson.)
- Jackson, Honel A., Detroit, Mich. Eyeshield. 2,135,397; Nov. 1.
- Jackson, Howard B., assignor to Neister Mills, Inc., Kings Mountain, N. C. Woven fabric. 2,105,190; Jan. 11.
- Jackson, James R., Hercules, Calif. Tube compressor. 2,112,625; Mar. 29.
- Jackson, John F. (See Martin, F. L., and Jackson.)
- Jackson, John F., Pawtucket, R. I., assignor to H & B American Machine Company. Drawing mechanism for textile slivers or rovings. 2,132,299; Oct. 4.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,107,246; Feb. 1.



- Jackson, John G., assignor to Square D Company, Detroit, Mich. Electrical distribution system. 2,107,865; Feb. 8.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,116,791; May 10.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Enclosed circuit breaker. 2,132,624; Oct. 11.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,625; Oct. 11.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,626; Oct. 11.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,627; Oct. 11.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,628; Oct. 11.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,132,629; Oct. 11.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Mounting means for enclosed electric devices. 2,132,630; Oct. 11.
- Jackson, John G., and R. H. Kingdon, assignors to Square D Company, Detroit, Mich. Mounting means for enclosed electric devices. 2,105,421; Jan. 11.
- Jackson, John G., and W. T. Allen, assignors to Square D Company, Detroit, Mich. Circuit breaker. 2,132,623; Oct. 11.
- Jackson, Joseph B., assignor to Draper Corporation, Hopedale, Mass. Loom reed adjusting means. 2,109,444; Feb. 22.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Seamless baking pan set. 2,116,487; May 3.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Centering pan set. 2,116,488; May 3.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Baking pan set. 2,116,489; May 3.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Stay for pan sets. 2,135,340; Nov. 1.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Pan set stay. 2,135,341; Nov. 1.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Tubed cakepan. 2,135,342; Nov. 1.
- Jackson, Kingsley J. (See Jackson, Walter L. and K. J.)
- Jackson, Maunsell B., Toronto, Ontario, Canada. Motor vehicle control. 2,115,776; May 3.
- Jackson, Merlin M., San Jose, assignor to Little Giant Inc., Ltd., Oakland, Calif. Clamping means for washing machines. 2,114,980; Apr. 19.
- Jackson, Merlin M., San Jose, assignor to Little Giant Inc., Ltd., Oakland, Calif. Clutch mechanism for washing machines. 2,114,981; Apr. 19.
- Jackson, Merlin M., San Jose, assignor to Little Giant Inc., Ltd., Oakland, Calif. Drive mechanism for washing machines. 2,114,982; Apr. 19.
- Jackson, Merlin M., San Jose, assignor to Little Giant Inc., Ltd., Oakland, Calif. Agitating means for washing machines. 2,139,501; Dec. 6.
- Jackson, Reginald, Clayton, Mo., assignor to Aluminum Company of America, Pittsburgh, Pa. Mixing and blending. 2,112,848; Apr. 5.
- Jackson, Ruth, Dallas, Tex. Luminous sign. 2,137,292; Nov. 22.
- Jackson, Samuel B., Iowa Park, Tex. Apparatus for treating seeds. 2,112,159; Mar. 22.
- Jackson, Thomas. (See Uphill, K. M., and Jackson, assignors.)
- Jackson, Thomas. (See Winter, A. S., and Jackson.)
- Jackson, Walter C., Rahway, N. J., assignor to Tingley Reliance Rubber Corporation. Splash guard and clamp therefor. 2,139,307; Dec. 6.
- Jackson, Walter L. and K. J., Perth, Western Australia, Australia. Hose joint tightener. 2,106,118; Jan. 18.
- Jackson, William. (See Lawson, R. H., and Jackson.)
- Jackson, William G. (See Laschinger, E. F., and Jackson.)
- Jacob, Frederick N., assignor to Johnson Laboratories, Inc., Chicago, Ill. Intermediate-frequency coupling unit. 2,111,490; Mar. 15.
- Jacob, Paul. (See Pier, M., Jacob, and Simon.)
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,105,659; Jan. 18.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,111,214; Mar. 15.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,111,215; Mar. 15.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock switch. 2,123,507; July 12.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,124,736; July 26.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,126,391; Aug. 9.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Spare wheel cover and lock. 2,134,761; Nov. 1.
- Jacobi, Ellen M., et al., executors. (See Deschamps, Desiré J., assignor.)
- Jacobi, Herbert J., et al. (See Blum, Harry, assignor.)
- Jacobi, William H. (See Yost, I. A., and Jacobi.)
- Jacobi, William H., Wilkinsburg, Pa., and I. A. Yost, Lakewood, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode feeding mechanism for searchlights. 2,117,888; May 17.
- Jacobi, William H., Wilkinsburg, Pa., and I. A. Yost, Lakewood, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc head operating mechanism for searchlights. 2,130,846; Sept. 20.
- Jacobi, William J., et al. (See Blum, Harry, assignor.)
- Jacobs Bros. Co. Inc., The. (See Kircher, Paul J., assignor.)
- Jacobs, Charles E., Minneapolis, Minn. Illuminated safety indicator for guns. 2,134,406; Oct. 25.
- Jacobs, Dennis E., Wauchula, Fla., assignor of one-half to W. J. Leimbach, Cleveland, Ohio. Plant guard. 2,132,568; Oct. 11.
- Jacobs, E. H., Manufacturing Company. (See Bullard, W. Irving, assignor.)
- Jacobs, F. L., Company. (See Chesley, Walter R., assignor.)
- Jacobs, F. L. Company. (See Eisenhauer, Warren F., assignor.)
- Jacobs, F. L., Co. (See Visser, John, assignor.)
- Jacobs, Fred H., Upland, Calif. Collapsible chair for invalids. 2,133,540; Oct. 18.
- Jacobs, George, assignor of one-third to E. Goetz and one-third to J. Grant, Detroit, Mich. Excavating machine. 2,104,928; Jan. 11.
- Jacobs, Jenny, New York, N. Y. Treating fur. 2,126,261; Aug. 9.
- Jacobs, John L., executor. (See Reinstein, Maurice.)
- Jacobs, Joseph, Bridgeport, assignor to The A. J. Donahue Corporation, Milford, Conn. Hair curler. 2,130,685; Sept. 20.
- Jacobs, Joseph, Bridgeport, assignor to The Hayes Donahue Manufacturing Co., Inc., Milford, Conn. Hair curler. 2,134,762; Nov. 1.
- Jacobs, Joseph, Bridgeport, assignor to The A. J. Donahue Corporation, Milford, Conn. Hair curler. 2,140,583; Dec. 20.
- Jacobs, Julian B., Arlington County, Va. Apparatus for teaching obstetrics. 2,127,774; Aug. 23.
- Jacobs, Mordecai V., and H. S. Bird, assignor to M. V. Jacobs and M. Kemble, London, England. Pianoforte. 2,105,739; Jan. 18.
- Jacobs, Rex C., Detroit, Mich. Glare shield bracket. 2,112,464; Mar. 29.
- Jacobs, Rex C., Detroit, Mich. Door hinge. 2,116,758; May 10.
- Jacobs, Rex C., Detroit, Mich. Adjustable vehicle seat. 2,122,645; July 5.
- Jacobs, Rex C., Detroit, Mich. Deck lid prop. 2,130,185; Sept. 13.
- Jacobs, Rex C., Detroit, Mich. Automobile hood prop. 2,130,186; Sept. 13.
- Jacobs, Rex C., Detroit, Mich. Adjustable vehicle seat. 2,133,325; Oct. 18.
- Jacobs, Rex C., Detroit, Mich. Door check bracket. 2,140,958; Dec. 20.
- Jacobs, Rex C., Detroit, Mich. Flock covered glare shield. 2,140,959; Dec. 20.
- Jacobs, Samuel, New York, N. Y. Loom. 2,113,730; Apr. 12.
- Jacobs, Samuel M. J., New York, N. Y. Tobacco pipe. 2,124,221; July 19.
- Jacobs, Samuel S., San Mateo, Calif., assignor to American Can Company, New York, N. Y. Vacuum closing machine. 2,113,591; Apr. 12.
- Jacobs, Theodor. (See Lange, M., and Jacobs.)
- Jacobsen, Aage A., Copenhagen, Denmark. Partition wall. 2,132,032; Oct. 4.
- Jacobsen, Edwin, Altadena, Calif. Dry shaver. 2,114,495; Apr. 19.
- Jacobsen, Edwin, Altadena, Calif. Paper towel dispenser. 2,116,792; May 10.
- Jacobsen Manufacturing Company. (See Pol, J. B., and Krenzke, assignors.)
- Jacobsen, Morris H. L., Guilford, Conn., assignor to American Telephone and Telegraph Company. Combined guide and guard for wires. 2,121,916; June 28.
- Jacobsen, Morris H. L., Guilford, Conn., assignor to American Telephone and Telegraph Company. Shifting strands and cables on poles. 2,130,464; Sept. 20.
- Jacobsen, Richard S., Wheaton, Ill. Conveyor. 2,123,189; July 12.
- Jacobson & Company. (See Jacobson, Victor, assignor.)
- Jacobson, Conrad C., Glen Ridge, N. J., assignor to John Robertson Company, Incorporated, Brooklyn, N. Y. Molding synthetic resins and like plastic materials. 2,121,966; June 28.
- Jacobson, Elliott J., La Crosse, Wis. Tire detreading knife. 2,110,985; Mar. 15.
- Jacobson, Erik W., Chicago, Ill. Flue cleaner. 2,129,091; Sept. 6.
- Jacobson, Ernest F., Minneapolis, Minn. Gun. 2,125,571; Aug. 2.
- Jacobson, Franz, Brooklyn, N. Y. Flexible corrugated metal tubing. 2,125,447; Aug. 2.
- Jacobson, Irvin. (See Johnson, F. B., and Jacobson.)
- Jacobson, James H., Chicago, Ill., assignor to C. C. Chambers and R. S. Bradshaw, St. Louis, Mo., as joint tenants. Road joint. 2,138,817; Dec. 6.



- Jacobson, Moses G., Swissvale, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas testing method and apparatus. 2,114,383; Apr. 19.
- Jacobson, Ralph A. (See Hill, J. W., and Jacobson.)
- Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,121,697; June 21.
- Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 2,126,113; Aug. 9.
- Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkoxy derivatives of methacrylic acid esters and producing them. 2,128,208; Aug. 23.
- Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of C-dialkylglycine. 2,135,641; Nov. 8.
- Jacobson, Victor, New Rochelle, assignor to Jacobson & Company, New York, N. Y. Structural assembly. 2,121,432; June 21.
- Jacobsson, Wilgot J. (See Geibig, F. C., and Jacobsson.)
- Jacobsson, Wilgot J. (See Hutchison, F. C., and Jacobsson.)
- Jacobsson, Wilgot J. (See Smith, G. H., and Jacobsson.)
- Jacobsson, Wilgot J., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flashback-resistant blowpipe. 2,108,819; Feb. 22.
- Jacobsson, Wilgot J., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,108,820; Feb. 22.
- Jacobsson, Wilgot J., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Fluid mixer. 2,109,251; Feb. 22.
- Jacobsson, Wilgot J., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,109,252; Feb. 22.
- Jacobsson, Wilgot J., Elizabeth, N. J., and M. J. Harris, Cranford, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Flame machining. 2,125,182; July 26.
- Jacobsson, Wilgot J., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,130,344; Sept. 20.
- Jacobstein, Hyman, New Rochelle, N. Y. Cigar box. 2,135,518; Nov. 8.
- Jacobus, Alvah B., and H. A. Hadley, assignors to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Heart beat indicator scale. 2,141,246; Dec. 27.
- Jacobus, David S., Montclair, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,114,223; Apr. 12.
- Jacobus, David S., Montclair, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,114,224; Apr. 12.
- Jacobus, David S., Montclair, assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Furnace wall. 2,132,419; Oct. 11.
- Jacoby, Benjamin. (See Shelton, D. J., Jacoby, and Heffelfinger.)
- Jacoby, Enos R., Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,124,702; July 26.
- Jacquard Knitting Machine Co. (See Leedham, Leslie H., assignor.)
- Jacques, Emile, Paris, France. Automatic variable speed gear. 2,106,603; Jan. 25.
- Jados, Walter T., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Wasp excluder. 2,118,435; May 24.
- Jacquel, Franz O., Johannesburg, Transvaal, Union of South Africa. Safety catch for hoist conveyances. 2,122,943; July 5.
- Jacquel, Herbert, Berlin-Eritz, Germany, assignor to R. Lindemann, New York, N. Y. Window cleaning device. 2,118,009; May 17.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Lubricating of leather. 2,115,509; Apr. 26.
- Jaeger, Alphons O., Mount Lebanon, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Leather lubrication. 2,118,308; May 24.
- Jaeger, Alphons O., Mount Lebanon, and R. Herrlinger, Bridgeville, Pa., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Treatment of hides, skins, and leather. 2,123,822; July 12.
- Jaeger, Alphons O., Greentree, and H. J. West, Mount Lebanon, Pa., assignors to American Cyanamid & Chemical Corp., New York, N. Y. Production of phthalic esters from impure phthalic acid. 2,130,014; Sept. 13.
- Jaeger, Bertha. (See Jaeger, Carl and B.)
- Jaeger, Carl and B., Houston, Tex. Refrigerating apparatus. 2,128,251; Aug. 30.
- Jaeger, Gustav, Neu Isenburg, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Manufacture of alkali metal beryllium fluorides. 2,125,096; July 26.
- Jacnichen, Louis, Springfield Township, Oakland County, assignor to The Standard Computing Scale Company, Detroit, Mich. Weighing scale. 2,128,148; Aug. 23.
- Jacnicke, Johannes. (See Benzinger, F., and Jacnicke.)
- Jaffe, Emanuel M., Brooklyn, N. Y. Portable photographic printing device. 2,127,601; Aug. 23.
- Jaffé, Richard, Sorengo-Lugano, Switzerland. Apparatus for vibrating the blades of safety-razors. 2,112,402; Mar. 29.
- Jahce, Irving, New York, N. Y. Roller skate clamp. 2,116,204; May 3.
- Jager, Carl H., Wuppertal-Elberfeld, Germany. Device for drying the closing flaps of letter envelopes, bags, etc. 2,121,698; June 21.
- Jagger, Claude A., Schenectady, N. Y., assignor to General Electric Company. Resistor. 2,106,604; Jan. 25.
- Jagger, Hubert. (See Marchev, A., and Jagger.)
- Jagielski, Otto F. (See Schollmeyer, William A., assignor.)
- Jago, Edwin F., et al. (See Erickson, Roy, assignor.)
- Jago, Robert G., et al. (See Erickson, Roy, assignor.)
- Jages, Walker M., Denton, assignor of one-half to G. S. Campbell, Dallas, Tex. Asphalt distributor. 2,123,156; July 5.
- Jagschitz, Konrad, Mainz, Germany. Erecting collapsible gasholders. 2,105,080; Jan. 11.
- Jagschitz, Konrad, Mainz-Gustavsburg, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Collapsible gas holder. 2,127,519; Aug. 23.
- Jahn, Nicholas F. (See Bressi, V., and Jahn.)
- Jahrstorfer, Michael, Mannheim, and G. Schwarte, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Waxlike substance and preparing same. 2,134,333; Oct. 25.
- Jain, Clyde C., Denver, Colo. Apparatus for the lixiviation of mineral ores. 2,137,051; Nov. 15.
- Jaite Company, The. (See Schlegel, Alfred A., assignor.)
- Jakala, Stanislaw, Chicago, Ill. Sanitary device. 2,123,109; July 5.
- Jakob, Oliver G. (See Prince, F. N., and Jakob.)
- Jakosky, John J., Los Angeles, Calif. Method and apparatus for electrical exploration of the subsurface. 2,105,247; Jan. 11.
- Jakosky, John J., Los Angeles, Calif. Apparatus for electrical exploration of subsurface. 2,137,650; Nov. 22.
- Jakosky, John J., Los Angeles, Calif. Determining underground structure. 2,138,818; Dec. 6.
- Jakosky, John J., Los Angeles, Calif. Electrical method and apparatus for determining the characteristics of geologic formations. 2,140,798; Dec. 20.
- James, Arthur, Youngstown, Ohio. Self-clearing hoe. 2,140,911; Dec. 20.
- James, Charles L., San Francisco, Calif. Safety razor blade stropper. 2,109,747; Mar. 1.
- James, Don S. (See James, Louis H. and D. S.)
- James, Edward M., Moylan, assignor to The Sharples Specialty Company, Philadelphia, Pa. Refining fatty oils and fats. 2,115,668; Apr. 26.
- James, Edwin F., and L. E. Remick, assignors to Carolina Dyeing and Winding, Incorporated, Mount Holly, N. C. Treating yarn. 2,107,536; Feb. 8.
- James, Harold V., Denver, Colo. Tire vulcanizer. 2,112,440; Mar. 29.
- James, Henry D. (See Rugg, W. S., and James.)
- James, Hugh, Montrose, Ill., assignor to Brown & Sharpe Manufacturing Company. Gauge. 2,134,516; Oct. 25.
- James, Joseph H., Pittsburgh, Pa., assignor to C. P. Byrnes, trustee. Partial oxidation of hydrocarbons. 2,109,700; Mar. 1.
- James, Lewis A., Independence, Kans. Washing machine. 2,119,636; June 7.
- James, Louis H. and D. S., Los Angeles, Calif. Printing telegraph. 2,135,398; Nov. 1.
- James Manufacturing Company. (See Olson, J. B., and Bethke, assignors.)
- James, Owen, Pomona, Calif. Game and game apparatus. 2,116,500; May 10.
- James, Stephen F., Chicago, Ill. Vibrator transformer and rectifier. 2,113,762; Apr. 12.
- James, Thomas, Jr., Audubon, assignor to Universal Slack Adjuster Company, Camden, N. J. Slack adjuster. 2,117,250; May 10.
- James, Thomas, Jr., Oaklyn, assignor to Universal Slack Adjuster Company, Camden, N. J. Slack adjuster. 2,127,920; Aug. 23.
- James, W. D., et al. (See Sanderson, Martin I., assignor.)
- James, William G., West Middlesex, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer tank structure. 2,128,093; Aug. 23.
- James, William S., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake lining testing machine. 2,121,149; June 21.
- Jamerson, Charles M., Pasadena, Calif., assignor to Automotive Devices, Inc. Preventing the backrolling of autos. 2,125,896; Nov. 8.
- Jamerson, Charles M., Los Angeles, Calif., assignor to Automotive Devices, Inc. Automatic brake device. 2,135,897; Nov. 8.
- Jamerson, Herbert M., assignor of one-half to H. & M. Southwell Limited, Bridgnorth, England. Weaving fabric. 2,127,817; Aug. 23.
- Jamerson John B. (See Matson, Carl A., assignor.)
- Jamestown Metal Equipment Company. (See Foster, Fred L., assignor.)
- Jamestown Metal Equipment Co. (See Kahle, Dale W., assignor.)



- Jamgochian, Aram, New York, N. Y. Novelty appliqué ribback for curtains. 2,139,502; Dec. 6.
- Jamieson, Edward K., Toronto, Ontario, Canada. Sadiron. 2,126,702; Aug. 16.
- Jamieson, Paul H., Redondo Beach, Calif. Pictorial control and material for use therein. 2,108,261; Feb. 15.
- Jamison Cold Storage Door Co. (See Mims, D. K., Leonard, and Jamison, assignors.)
- Jamison, George C., Wapello, Iowa. Casket positioning device. 2,135,898; Nov. 8.
- Jamison, John V., Jr. (See Mims, D. K., Leonard, and Jamison.)
- Jamison, William F., Santa Monica, Calif. Football game. 2,120,439; June 14.
- Janco, Nathan, Houston, Tex. High speed engine indicator. 2,113,376; Apr. 5.
- Jancsó, Ferenc. (See Donner, J., and Jancsó.)
- Jandus, Herbert S. (See Lewis, R. W., and Jandus, and Tyson, assignors.)
- Jandus, Herbert S., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover and lock construction. 2,107,332; Feb. 8.
- Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Construction of brake levers. 2,120,362; June 14.
- Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever construction. 2,122,646; July 5.
- Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Hand brake lever. 2,126,016; Aug. 9.
- Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Lever construction. 2,126,392; Aug. 9.
- Jandus, Herbert S., assignor to Oakes Products Corporation, Detroit, Mich. Hand brake lever. 2,126,393; Aug. 9.
- Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever construction. 2,128,298; Aug. 30.
- Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever. 2,130,187; Sept. 13.
- Jandus, Herbert S., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever construction. 2,131,285; Sept. 27.
- Jandus, Herbert S., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever and ratchet construction. 2,132,954; Oct. 11.
- Jandus, Herbert S., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover lock. 2,141,302; Dec. 27.
- Jandus, Herbert S., and T. J. W. Tyson, assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover. 2,107,331; Feb. 8.
- Jandus, Herbert S., and B. M. Short, assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover lock. 2,118,606; May 24.
- Janeček, Rudolf, Prague, Czechoslovakia. Bomb or hand grenade. 2,133,541; Oct. 18.
- Janert, Heinz, Leipzig, Germany. Apparatus for manufacturing drain pipes in the earth. 2,123,243; July 12.
- Janes, Clinton S., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starter control for internal combustion engines. 2,111,971; Mar. 22.
- Janes, Clinton S., assignor to Eclipse Machine Company, Elmira, N. Y. Motion analyzing and recording apparatus. 2,120,703; June 14.
- Janetschke, Erwin, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arrangement for converting alternating currents. 2,137,052; Nov. 15.
- Jänicke, Hermann, Dessau (Anhalt), assignor to T. Junkers, Gauting, near Munich, Germany. Motor compressor of the free piston type. 2,108,890; Feb. 22.
- Jänicke, Hermann, Lochham, near Munich, assignor to T. Junkers, née Bennhold, Gauting, near Munich, Germany. Free piston engine of the opposed type. 2,112,368; Mar. 29.
- Janisch, Maximilian P., Milwaukee, Wis., assignor to Autogas Corporation, Chicago, Ill. Safety lock for gas cocks. 2,128,362; Aug. 30.
- Janiszewski, Stephen. (See Zenner, W. J., and Janiszewski.)
- Janke, Everett A., Monroe, Wis. Merchandising package. 2,130,646; Sept. 20.
- Janline Tile Company. (See Jansen, Henry, assignor.)
- Janney, John B., Philadelphia, Pa., assignor, by mesne assignments, to American Sales Book Company, Inc. Paper web support. 2,104,484; Jan. 4.
- Jannings, Charles J., Union, Mo. Shoe. 2,133,352; Oct. 18.
- Jannings, Charles J., Union, assignor to Hamilton, Brown Shoe Company, St. Louis, Mo. Shoe and making the same. 2,115,366; Apr. 26.
- Jansa, František, Prague, Czechoslovakia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power transmission system. 2,117,889; May 17.
- Jansen, Henry, assignor to Janline Tile Company, Inc., Chicago, Ill. Tile block. 2,126,394; Aug. 9.
- Janson, Carl G. (See Wallgren, A. G. F., and Janson.)
- Janson, John A., East Sparta, Ohio. Springless self-closing door. 2,116,832; May 10.
- Janssen, Bernhard, Philadelphia, Pa. Light shade. 2,133,748; Oct. 18.
- Janssen, Hendrik J. J., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Recovering vanadium oxides from oil. 2,118,351; May.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Effecting vapor treatment of yarn in a straight knitting machine. 2,108,404; Feb. 15.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Calendar and the like. 2,110,668; Mar. 8.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Thread tensioning device for braiding machines and the like. 2,121,739; June 21.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Knitting machine yarn housing structure. 2,122,098; June 28.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Stocking display device and the like. 2,122,144; June 28.
- Jansson, Bennett G. (See Thompson, R. E., Emerson, and Jansson.)
- Jantsch, Richard. (See Rechtin, C. R., and Jantsch.)
- Janz, Heinrich. (See Asch, W., Janz, Pense, and Voss.)
- Janz, Heinrich. (See Voss, A., and Janz.)
- Janzen, Otto, Berlin-Hermsdorf, Germany. Self-starting single-phase alternating current synchronous motor. 2,121,699; June 21.
- Janzer, Carl. (See Waibler, Johannes, assignor.)
- Japinga, Stuart C. (See Nampa, S. M., and Japinga.)
- Jakes, Marjorie E., assignor to Wm. Wrigley, Jr., Company, Chicago, Ill. Display box. 2,125,725; Aug. 2.
- Jardine, Frank, assignor, by mesne assignments, to Cleveland Trust Company, Cleveland, Ohio. Piston land construction. 2,130,923; Sept. 20.
- Jardine, Frank, assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio, trustee. Piston. 2,139,271; Dec. 6.
- Jardine, Robert, Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Making valves. 2,131,953; Oct. 4.
- Jardine, Robert, Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Internal combustion engine valve and seat. 2,136,690; Nov. 15.
- Jarl, Carl H. B. (See Reichhold, H., and Jarl.)
- Jarl, Carl H. B., Royal Oak, and A. G. Hovey, Pleasant Ridge, assignors to Beck, Koller & Company, Inc., Detroit, Mich. Catalysts and preparing the same. 2,107,611; Feb. 8.
- Jarl, Carl H. B., and S. Severin, Royal Oak, assignors to Beck, Koller & Company, Inc., Detroit, Mich. Process and apparatus for condensation of sublimable material. 2,112,024; Mar. 22.
- Jarmus, Joseph M. (See Plechner, W. W., and Jarmus.)
- Jarnowski, Pete, Chicago, Ill. Railway roadbed. 2,133,227; Oct. 11.
- Jaroll, Louis, New York, N. Y. Electric vaporizer. 2,131,560; Sept. 27.
- Jaros, Lawrence. (See Stuckenholz, C. S., and Jaros.)
- Jarosik, Andrew J., assignor to The Murray Corporation of America, Detroit, Mich. Forming trim panels. 2,135,578; Nov. 8.
- Jasperson, Fred F., Topeka, Kans. Pocket ornament. 2,136,691; Nov. 15.
- Jarrett, Ester M., administratrix. (See Apfel, J. F., and Jarrett.)
- Jarrett, George E., Rochester, N. Y., assignor of one-fourth to A. Moss, Geneseo, N. Y. Lifting jack for automobiles. 2,132,343; Oct. 4.
- Jarrett, Luther E., Elkridge, W. Va. Adjustable roller brace for shaker conveyers. 2,141,439; Dec. 27.
- Jarrett, Richard S. (See Apfel, J. F., and Jarrett.)
- Jarvis, Frank L., Chicago, Ill. Envelope. 2,139,958; Dec. 13.
- Jarvis, Henry C. (See Shulman, L., and Jarvis.)
- Jarvis, Henry C. (See Shulman, L., Jarvis, Thomason, O'Brien, and Schreiber.)
- Jarvis, Kenneth W., Winnetka, Ill., assignor to Radio Corporation of America, New York, N. Y. Method and apparatus for controlling radio receivers. 2,115,813; May 3.
- Jarvis, Kenneth W., Chicago, Ill., assignor to Radio Corporation of America, New York, N. Y. Tone control system. 2,121,150; June 21.
- Jarvis, Kenneth W., Chicago, Ill., assignor to Radio Corporation of America, New York, N. Y. Radio receiving circuits. 2,122,775; July 5.
- Jarvis, Leo, Albany, N. Y. Fire extinguishing nozzle. 2,110,044; Mar. 1.
- Jarvis, W. B., Company. (See Andrie, Michael B., assignor.)
- Jarvis, W. B., Company. (See Dey, George E., assignor.)
- Jarvis, M. C., et al. (See Wenzel, Charles S., assignor.)
- Jasper, Cora L., assignor to The La Resista Corset Company, Bridgeport, Conn. Garment. 2,140,290; Dec. 13.
- Jauch, Robert J., and B. J. Pepper, assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,124,681; July 26.
- Jaworski, Charles N., Hartford, Conn. Saw for removing plaster casts. 2,139,272; Dec. 6.
- Jay, Dove S., Detroit, Mich. Rotary internal-combustion engine. 2,116,897; May 10.



- Jay, Edward G., Mansfield, Mass. Apparatus for transfer of heat. 2,117,961; May 17.
- Jay, Samuel, New York, N. Y. Egg poacher. 2,115,928; May 3.
- Jay, Steven J., Detroit, Mich. Arch support. 2,129,424; Sept. 6.
- Jayne, Archibald F. (See Walsh, R., and Sandstrom, assignors.)
- Jayne, Robert L., Auburn Township, Susquehanna County, Pa. Tool for reloading fired or empty cartridge cases. 2,133,198; Oct. 11.
- Jean, Charles A., et al. (See Esgró, Sam, assignor.)
- Jean, Mrs. Charles A., et al. (See Esgró, Sam, assignor.)
- Jean, Henry, assignor to L. J. Layden, Hamilton, Ontario, Canada. Undergarment. 2,114,634; Apr. 19.
- Jean, James W., Altadena, Calif. Motor fuel. 2,117,609; May 17.
- Jean, James W., Altadena, Calif. Motor fuel. 2,117,610; May 17.
- Jean, Ralph N., et al. (See Esgró, Sam, assignor.)
- Jeanne, Armand L., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Film driving mechanism. 2,113,256; Apr. 5.
- Jeannette Steel Corporation, The. (See Stough, Turney H., assignor.)
- Jeans, Arthur F., Toronto, Ontario, Canada. X-ray treatment structure. 2,134,191; Oct. 25.
- Jearum, Frederick C., Chipstead, England. Adjustable boring bar. 2,114,384; Apr. 19.
- Jearum, Frederick C., Chipstead, England. Adjustable turning and boring tool. 2,125,005; July 26.
- Jearum, Frederick C., Chipstead, England. Inserted shaped-tip tool-bit. 2,127,998; Aug. 23.
- Jebeles, G. J. (See Sutherland, Walter F., assignor.)
- Jedele, Alfred. (See Feussner, O., and Jedele.)
- Jedrzykowski, Edmund, Chicago, Ill., assignor to International Harvester Company. Carburetor. 2,134,877; Nov. 1.
- Jeffcock, John P., Surbiton, England. Radio direction finding system. 2,137,912; Nov. 22.
- Jefferies, Frederick L., La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del. Starch tabling process. 2,122,647; July 5.
- Jefferis, Alice, Washington, D. C. Finger-supported holder for nail polish. 2,140,231; Dec. 13.
- Jeffery, Allen T., assignor to The Dayton Malleable Iron Company, Dayton, Ohio. Method and apparatus for making molds. 2,112,910; Apr. 5.
- Jeffery, Harold L., Fort Thomas, assignor, by mesne assignments, to The Grotelite Company, Bellevue, Ky. Molding machine. 2,111,857; Mar. 22.
- Jeffrey, John H., Bray-on-Thames, assignor to Scophony Limited, London, England. Scanning device. 2,140,584; Dec. 20.
- Jeffrey, Carl J., assignor of one-fourth to F. P. Voter and B. Schuler, Laurel, Nebr. Device for laying pipe. 2,122,099; June 28.
- Jeffrey Manufacturing Company, The. (See Attwood, John G., assignor.)
- Jeffrey Manufacturing Company, The. (See Bird, Byron M., assignor.)
- Jeffrey Manufacturing Company, The. (See Bird, B. M., and Muller, assignors.)
- Jeffrey Manufacturing Company, The. (See Bird, B. M., and Smith, assignors.)
- Jeffrey Manufacturing Company, The. (See Briggs, Robert E., assignor.)
- Jeffrey Manufacturing Company, The. (See Brill, Laurence E., assignor.)
- Jeffrey Manufacturing Company, The. (See Camp, Thomas R., assignor.)
- Jeffrey Manufacturing Company, The. (See Cave, Edward U., assignor.)
- Jeffrey Manufacturing Company, The. (See Cooper, Benjamin G., assignor.)
- Jeffrey Manufacturing Company, The. (See Corbin, Eber P., assignor.)
- Jeffrey Manufacturing Company, The. (See Dellenbach, Charles G., assignor.)
- Jeffrey Manufacturing Company, The. (See Feight, Oscar J., assignor.)
- Jeffrey Manufacturing Company, The. (See Fleming, William B., assignor.)
- Jeffrey Manufacturing Company, The. (See Francis, Earle V., assignor.)
- Jeffrey Manufacturing Company, The. (See Fulke, Frank L., assignor.)
- Jeffrey Manufacturing Company, The. (See Haworth, Mack E., assignor.)
- Jeffrey Manufacturing Company, The. (See Henry, Fred B., assignor.)
- Jeffrey Manufacturing Company, The. (See Jeffrey, Robert K., assignor.)
- Jeffrey Manufacturing Company, The. (See Lemmon, Alexis W., assignor.)
- Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)
- Jeffrey Manufacturing Company, The. (See Levin, N. D., and Lewis, assignors.)
- Jeffrey Manufacturing Company, The. (See Levin, N. D., and Yost, assignors.)
- Jeffrey Manufacturing Company, The. (See Mercer, S. M., and Myer, assignors.)
- Jeffrey Manufacturing Company, The. (See Mitchell, Lewis B., assignor.)
- Jeffrey Manufacturing Company, The. (See Muller, Ernst F., assignor.)
- Jeffrey Manufacturing Company, The. (See Nichols, Richard D., assignor.)
- Jeffrey Manufacturing Company, The. (See Ossing, Stanley F., assignor.)
- Jeffrey Manufacturing Company, The. (See Ossing, S. F., and Feight, assignors.)
- Jeffrey Manufacturing Company, The. (See Smith, A. L., and McGovern, assignors.)
- Jeffrey Manufacturing Company, The. (See Stein, Edward H., assignor.)
- Jeffrey Manufacturing Company, The. (See Stevenson, Robert W., assignor.)
- Jeffrey, Robert K., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Drill mechanism. Re. 20,783; July 5.
- Jeffrey, Robert K., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Cutter chain and cutter bar. 2,139,410; Dec. 6.
- Jefts, William V., Eastcote, England, assignor to General Electric Company. Electric switch gear. 2,107,947; Feb. 8.
- Jegge, Emil G., Montclair, and G. W. Kretzschmar, Garfield, N. J. Uniform-tension loom feeder. 2,118,046; May 24.
- Jellier, Corcelis A. (See Dussel, Cornelis J., assignor.)
- Jellik, Charles, Jr., St. Louis, Mo. Combination safety oil gauge and light switch. 2,117,063; May 10.
- Jellinghaus, Norman K., Philadelphia, Pa. Smoking pipe. 2,106,747; Feb. 1.
- Jellinghaus, Norman K., Philadelphia, Pa. Smoking pipe. 2,136,745; Nov. 15.
- Jenaer Glaswerk Schott & Gen. (See Prausnitz, Paul, assignor.)
- Jencick, Stephen, Chagrin Falls, assignor to Thompson Products, Inc., Cleveland, Ohio. Wheel suspension device for automobiles. 2,131,476; Sept. 27.
- Jenking, Allen C., and R. C. Beck, assignors to Vitachrome, Inc., Los Angeles, Calif. Diffusion system for illumination. 2,124,737; July 26.
- Jenkins & Adair, Inc. (See Jenkins, J. E., and Adair, assignors.)
- Jenkins, Alexander F., Baltimore, Md. Spray gun nozzle. 2,126,888; Aug. 16.
- Jenkins, Alexander F., Baltimore, Md. Spray gun. 2,126,889; Aug. 16.
- Jenkins Bros. (See Gora, Henry, assignor.)
- Jenkins Bros. (See Yardley, Farnham, assignor.)
- Jenkins, Clarence E., Keene, N. H., assignor to Bockl Corporation, trustee, Pittsburgh, Pa. Method and apparatus for the extraction of juices from vegetable pulp and the like. 2,106,409; Jan. 25.
- Jenkins, Edwin M. (See Scudder, C. J., and Jenkins.)
- Jenkins, Francis C., Wichita, Kans. Window shade bracket. 2,131,399; Sept. 27.
- Jenkins, George O., Company. (See Marshall, William J., assignor.)
- Jenkins, George O., Company. (See Richter, Herman W., assignor.)
- Jenkins, Gerald S., St. Louis, Mo. Apparatus for underground mining. 2,139,162; Dec. 6.
- Jenkins, Glenn L., Baltimore, Md., assignor to Pitman-Moore Company, Indianapolis, Ind. Calcium compound and composition suitable for hypocalcemia alleviation. 2,140,291; Dec. 13.
- Jenkins, James M., assignor to Andale Company, Philadelphia, Pa. Catalyst converter. 2,121,198; June 21.
- Jenkins, John E., and S. E. Adair, assignors, by mesne assignments, to Jenkins & Adair, Inc., Chicago, Ill. Controlling and sounding apparatus. 2,116,314; May 3.
- Jenkins, John W., Indianapolis, Ind. Piston valve engine. 2,106,099; Jan. 18.
- Jenkins Music Company. (See Wibaux, Fonville, assignor.)
- Jenkins, N. Avery. (See O'Dell, Leonard R., assignor.)
- Jenkins, Raymond J., and C. J. Addicks, assignors to The Chandlee Corporation, Baltimore, Md. Dispensing apparatus for carbonated beverages. 2,107,986; Feb. 8.
- Jenkins, Ronald O. (See Benjamin, M., and Jenkins.)
- Jenkins, Russell L., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. 4-amino-diphenyl complex. 2,104,550; Jan. 25.
- Jenkins, Russell L., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. 4-amino-diphenyl compounds. 2,104,551; Jan. 25.
- Jenkins, Russell L., Kirkwood, Mo., and M. M. Levine, Rochester, N. Y., assignors, by mesne assignments, to Monsanto Chemical Company. Thiocarbamide derivatives. 2,106,552; Jan. 25.
- Jenkinson, George R., Prescott, Ontario, Canada. Cap remover for containers and the like. 2,106,639; Jan. 25.
- Jenks, Frank, assignor to Rylands Brothers (Australia) Limited, Port Warrah, Newcastle, New South Wales, Australia. Drawing of galvanized wire. 2,128,677; Aug. 30.
- Jenks, Harry N., Berkeley, Calif. Device for clarifying liquids. 2,108,168; Feb. 15.
- Jenks, Harvey P., Newton, Mass. Spray device for household and laundry purposes. 2,116,833; May 10.
- Jenks, Mildred N. (See Jenks, Ward B., assignor.)
- Jenks, Rauscheller J., Lewiston, Idaho. Clothes drier. 2,120,425; Sept. 6.



- Jenks, Ransaeffer J., Lewiston, Idaho. Rotatable clothes drier. 2,129,426; Sept. 6.
- Jenks, Ward B., assignor to M. N. Jenks, Youngstown, Ohio. Tube and bottle closure. 2,111,186; Mar. 15.
- Jenness, Leslie G., Brooklyn, N. Y. Catalyst pellet and process of making. 2,136,509; Nov. 15.
- Jenness, Leslie G., Newark, N. J., assignor to Intermetal Corporation, New York, N. Y. Metallurgical furnace. 2,116,725; May 10.
- Jennett, Robert, Camden, N. J. Rotary hedge cutter. 2,115,265; Apr. 26.
- Jenney, Robert T., Los Angeles, Calif., assignor, by mesne assignments, to Cross Parking Systems, Inc., Chicago, Ill. Positive vehicle-storage automatic system. 2,120,751; June 14.
- Jennings, Andrew B. (See Middleton, E. B., and Jennings.)
- Jennings, Arvah A. (See Small, L. F., Lee, and Jennings.)
- Jennings, Burgess H., Bethlehem, assignor to The Philadelphia and Reading Coal and Iron Company, Philadelphia, Pa. Absorption refrigeration. 2,120,559; June 14.
- Jennings, Burton F., Belleville, Ontario, Canada. Circuit breaker. 2,105,286; Jan. 11.
- Jennings, Charles T., Medford, N. J. Golf club. 2,121,295; June 21.
- Jennings, Chester S., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,139,126; Dec. 6.
- Jennings, Edward H., Fortuna, Calif. Submarine. 2,118,466; May 24.
- Jennings, Frank G., et al. (See Orrison, Kelvin T., assignor.)
- Jennings, George W., Chicago, Ill. Washable wall covering and making the same. 2,127,818; Aug. 23.
- Jennings, Irving C., South Norwalk, Conn. Pressure regulator. 2,139,411; Dec. 6.
- Jennings, Irving C., South Norwalk, Conn. Control mechanism for steam heating systems. 2,140,079; Dec. 13.
- Jennings, Irving C., South Norwalk, Conn. Control mechanism for steam heating systems. 2,140,701; Dec. 20.
- Jennings, Jarvis S., Jr., assignor to Monarch Governor Company, Detroit, Mich. Spark control mechanism. 2,128,363; Aug. 30.
- Jennings, John J., Bakersfield, Calif. Apparatus for determining specific gravity. 2,137,843; Nov. 22.
- Jennings, Leo J., Beverly Hills, Calif. Traffic signal and lighting system. 2,136,391; Nov. 8.
- Jennings, Libburn I., Nickelsville, Va. Corn plaster. 2,134,612; Oct. 25.
- Jennings, O. D., and Company. (See Van Tuyl, Sidney E., assignor.)
- Jennings, Oliver S., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,140,360; Dec. 13.
- Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Protector mechanism for looms. 2,139,412; Dec. 6.
- Jennings, William A., assignor to Economy Forms Corporation, Des Moines, Iowa. Centering and locking pin device for mold forms. 2,113,086; Apr. 5.
- Jennings, William A., assignor to Economy Forms Company, Des Moines, Iowa. Mold form apparatus. 2,117,560; May 17.
- Jennings, William A., assignor to Economy Forms Corporation, Des Moines, Iowa. Clamp for concrete form structures. 2,127,562; Aug. 23.
- Jennings, William A., assignor to Economy Forms Corporation, Des Moines, Iowa. Constructing upright concrete walls. 2,129,769; Sept. 13.
- Jennings, William A., assignor to Economy Forms Corporation, Des Moines, Iowa. Forming concrete walls. 2,135,079; Nov. 1.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Admiralty condenser tube. 2,131,437; Sept. 27.
- Jenny, Alexander, Berlin-Charlottenburg, and N. Budiloff, Berlin-Friedenau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Producing photographic representations on aluminum surfaces. 2,126,017; Aug. 9.
- Jensch, Heinrich, Frankfurt-on-the-Main, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Symmetrical di(aminquinoly-6)-ureas. 2,118,244; May 24.
- Jensen, Alfrida H., Chicago, Ill. Flour and shortening mixer. 2,126,890; Aug. 16.
- Jensen, Christian W. (See McKinney, L. J., and Jensen.)
- Jensen Creamery Machinery Company. (See Cornwell, Fritz G., Jr., assignor.)
- Jensen, Gustav B., West Palm Beach, Fla. Automobile seat inflation device. 2,136,510; Nov. 15.
- Jensen, Harry. (See Jensen, William and H.)
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Valve. 2,106,136; Jan. 18.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Pipe coupling. 2,119,331; May 31.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Valve operating mechanism for tank vehicles. 2,127,225; Aug. 16.
- Jensen, Jens, Philadelphia, Pa. Air or gas controlling valve. 2,140,292; Dec. 13.
- Jensen, Jens J., assignor to Boggild & Jacobsen, Copenhagen, Denmark. Confectionery mold structure. 2,111,365; Mar. 15.
- Jensen, Jens O., Miami Beach, Fla., assignor to B. F. Connolly, Mount Vernon, N. Y. Shaving device. 2,107,055; Feb. 1.
- Jensen, John, New York, N. Y. Electrically ignited distillate oil burner. 2,125,166; July 26.
- Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Manually operated pressure tool. 2,113,087; Apr. 5.
- Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Combination control device for ironers. 2,124,976; July 26.
- Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Multispeed roll for ironers. 2,124,977; July 26.
- Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Locking means for ironer supporting mechanism. 2,131,286; Sept. 27.
- Jensen, Karl E., assignor to Industrial Gloves Corporation, Danville, Ill. Wear resisting means for gloves. 2,114,022; Apr. 12.
- Jensen, Kresten R., Coffeyville, Kans. Combined crank and counterweight. 2,115,814; May 3.
- Jensen, Louis, Chicago, Ill., assignor to United Autographic Register Co. Adapter for typewriters. 2,109,293; Feb. 22.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Side delivery autographic register. 2,112,671; Mar. 29.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Feed mechanism for tabulating machines. 2,130,015; Sept. 13.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Autographic register. 2,137,772; Nov. 22.
- Jensen, Oluf F., Council Bluffs, Iowa. Automatic oiler. 2,111,858; Mar. 22.
- Jensen, Otto H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Cut-off machine. 2,133,542; Oct. 18.
- Jensen, Poul V., Hellerup, near Copenhagen, Denmark. Bottle capsule and process for manufacturing the same. 2,131,438; Sept. 27.
- Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Tight and loose wrap. 2,118,513; May 24.
- Jensen, Thormod, Laurelton, and A. Van Veen, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Helical single knife type bread slicer. 2,107,002; Feb. 1.
- Jensen, Viggo, Solrod, Denmark. Traction device. 2,138,493; Nov. 29.
- Jensen, William and H., Hales Corners, Wis. Mowing machine attachment for tractors. 2,120,671; June 14.
- Jenson, Kenneth S., assignor to American Gas Machine Company, Albert Lea, Minn. Furnace door. 2,135,899; Nov. 8.
- Jepertinger, Richard C., Milwaukee, assignor, by mesne assignments, to Modine Manufacturing Company, Racine, Wis. Air conditioning system. 2,129,427; Sept. 6.
- Jephson, Allen C. (See Young, J. L., and Jephson.)
- Jepsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Mixer drive mechanism. 2,113,025; Apr. 5.
- Jepson, Percy, assignor to Pacific Machinery Company, San Jose, Calif. Peach treating machine. 2,108,535; Feb. 15.
- Jernáf, František, Opava, Czechoslovakia. Hydrostatic weir shutter. 2,118,404; May 24.
- Jerns, Nicholas J., Jr., Bellingham, Wash. Traction device for skis. 2,120,363; June 14.
- Jerram, Arthur E., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom pressing machine. 2,117,328; May 17.
- Jersey, Neil E., assignors to W. A. Riddell Corporation, Bucyrus, Ohio. Earth working tool. 2,113,917; Apr. 12.
- Jerum, Henry, New York, N. Y. Dental burr holder. 2,131,807; Oct. 4.
- Jerum, Henry, New York, N. Y. Door closing apparatus. 2,140,913; Dec. 20.
- Jespersen, Christian M. (See Hammers, Earl E., assignor.)
- Jess, Henry, Sabula, Iowa. Cultivator attachment. 2,136,851; Nov. 15.
- Jesse, Richard E., and E. E. Fisher, Oakland, Calif. Display rack. 2,114,424; Apr. 19.
- Jessen, Arnold H., Los Angeles, Calif. Automotive transmission. 2,136,104; Nov. 8.
- Jessen, Charles C., Miami, Fla. Process and apparatus for twisting threads. 2,131,893; Oct. 4.
- Jesser, Albert E., Butler, assignor to Pittsburgh Steel Drum Company, Pittsburgh, Pa. Gasket closure. 2,117,807; May 17.
- Jessop, Clyde A., Swartz Creek, Mich. Bolt or nut lock. 2,139,590; Dec. 6.
- Jessop, George A., assignor to S. Morgan Smith Company, York, Pa. Power plant. 2,127,602; Aug. 23.
- Jessup & Moore Paper Co., Inc. (See Plumstead, Joseph E., assignor.)
- Jester, Edward L. (See Pelton, G. E., and Jester.)



- Jeswine, Adolph M., Helena, Mont. Apparatus for snow removal. 2,132,790; Oct. 11.
- Jett, Bernard R., assignor of one-half to C. E. Whitmore, Washington, D. C. Switch box securing device. 2,126,114; Aug. 9.
- Jeuck, Francis J., Battle Creek, Mich., assignor to Interchemical Corporation. Apparatus for setting printing ink. 2,129,277; Sept. 6.
- Jewett, John H., Jr., Lyons, N. Y. Feed for spinning machines. 2,128,184; Aug. 23.
- Jewett, John H., Jr., Lyons, N. Y. Feed for spinning machines and method of use. 2,128,185; Aug. 23.
- Jewett, Nelson J. (See Murray, Frederick W., assignor.)
- Jewett, Richard J., Brockton, Mass. Sample shoe. 2,112,369; Mar. 26.
- Jidosha Koki Kabushiki Kaisha. (See Nishimura, Jin, assignor.)
- Jimenez, Artemio F., and P. D. Bello, Habana, Cuba. Shock absorber. 2,139,591; Dec. 6.
- Jiménez, Ramón C., Boston, Mass. Headlight for automobiles. 2,107,443; Feb. 8.
- Jimerson, Francis A. (See Reynolds, H. C., and Jimereson.)
- Jirou, Marcel G. (See Mirocourt, H., and Jirou.)
- Jirousek, Joseph F., assignor to The Chandler and Price Company, Cleveland, Ohio. Printing press. 2,109,486; Mar. 1.
- Jirousek, Joseph F., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet-holding means for cylinders of printing presses and the like. 2,123,997; July 19.
- Jirousek, Joseph F., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet feed mechanism. 2,127,736; Aug. 23.
- Joa, Curt G., Inc. (See Joa, Curt G., assignor.)
- Joa, Curt G., assignor to Curt G. Joa, Inc., Manitowoc, Wis. Sanitary napkin machine. 2,128,746; Aug. 30.
- Joa, Curt G., assignor to Curt G. Joa, Inc., Manitowoc, Wis. Sanitary napkin machine. 2,131,808; Oct. 4.
- Joachim, Hermann, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Exposure meter. 2,117,004; May 10.
- Jobe, Frederick W. (See Elestad, G. A., and Jobe.)
- Jobert, Arthur H. (See Montgomery, D. H., and Jobert.)
- Jobst, Conrad, assignor to The Toledo Automatic Brush Machine Company, Toledo, Ohio. Making brushes. 2,122,318; June 28.
- Jobst, Günther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,136,105; Nov. 8.
- Jobst, Günther, and E. Klotz, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifying tube and circuit. 2,105,081; Jan. 11.
- Jochum, Kurt. (See Voss, A., Dickhauser, Starck, and Jochum.)
- Jochum, Kurt, Frankfurt-on-the-Main, and H. Geier, Koenigstein in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Agent for and process of sizing textile fibers. 2,132,901; Oct. 11.
- Jockisch, Velmer H., Greensboro, Ala. Plant duster. 2,131,954; Oct. 4.
- Joesting, Frederick D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,118,886; May 31.
- Jofeh, Edgar J., and J. G. Trilling, London, England. Device for dispensing aerated liquids. 2,108,169; Feb. 15.
- Joffe, S. Bernard, Kansas City, Mo. Carton. 2,115,021; Apr. 26.
- Joganic, John R., Pittsburgh, Pa. Hair curling device. 2,119,861; June 7.
- Johannessen, Vaughn L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,105,920; Jan. 18.
- Johannesson, Benno. (See Peck, P., Johannesson, and Marcard.)
- Johannsen, Friedrich, and W. Völkel, Magdeburg, assignors to Fried. Krupp Grusonwerk, Aktien-Gesellschaft, Magdeburg/Buckau, Germany. Treating lumped iron. 2,127,299; Aug. 16.
- Johannsen, Otto. (See Rüchling, H., and Johannsen.)
- Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Folding table. 2,128,209; Aug. 23.
- Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Folding table. 2,128,210; Aug. 23.
- Johannsen, Udo K., Cortland, N. Y. Foldable metal furniture. 2,141,475; Dec. 27.
- Johannsen, Helmut, Berlin-Charlottenburg, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Radio receiving arrangement. 2,105,534; Jan. 18.
- Johannson, Helmut, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electron optical device. 2,110,609; Mar. 8.
- Johansen, Einar K. (See Glasner, R. W., and Johansen.)
- Johansen, Fredrik, and E. J. Lloyd, Worcester, Mass. assignors to The American Steel and Wire Company of New Jersey. Rope tramway. 2,140,585; Dec. 20.
- Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Corporation. Chuck mechanism. 2,114,305; Apr. 10.
- Johansen, John, Pactola, S. Dak. Vehicle lighting system. 2,131,664; Sept. 27.
- Johansen, Michael A., Oslo, Norway. Screw press. 2,104,197; Jan. 4.
- Johansen, Rolf H., Oslo, Norway. Carrying-fixture, especially for knapsacks. 2,104,486; Jan. 4.
- Johansson, Adolph T., assignor of one-third to N. Anderson, and one-third to H. R. Eldred, Chicago, Ill. Combined domestic water heater. 2,133,326; Oct. 18.
- Johansson, Axel E., Chicago, Ill. Wrapper for chewing gum. 2,140,748; Dec. 20.
- Johansson, Georg K. (See Anderson, E. E. W., and Johansson.)
- Johansson, Johan E., assignor to Aktiebolaget Götaverken, Göteborg, Sweden. Utilizing exhaust steam. 2,132,212; Oct. 4.
- Johansson, Karl A. A., Stockholm, Sweden. Apparatus for calculating ticket prices. 2,128,707; Aug. 30.
- Johansson, Magnus H., assignor to Gleason Works, Rochester, N. Y. Cutter for and method of cutting gears. 2,126,262; Aug. 9.
- Johansson, Axel G. (See Pierre, A. B., Johansson, and Bergström.)
- Johansson, Carl J., Savedalen, Sweden. Attaching an opening member to a container. 2,129,583; Sept. 6.
- Johansson, Ebbe A. I., Smalandsstenar, Sweden. Measuring tape. 2,129,582; Sept. 6.
- Johansson, Erik H. E., Stockholm, Sweden. Soldering, welding and coating metals. 2,104,370; Jan. 4.
- Johansson, Ernest G. (See Bradshaw, W. M., and Johansson.)
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Solderless connector. 2,114,188; Apr. 12.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Combination fused switch. 2,128,647; Aug. 30.
- Johansson, Ernest G., Watertown, assignor to The Palmer Electric & Manufacturing Co., Waltham, Mass. Fused switch box. 2,128,648; Aug. 30.
- Johansson, Johan E., assignor to Aktiebolaget Götaverken, Gothenburg, Sweden. Internal combustion power plant. 2,123,009; July 5.
- Johndohl, Glenn E., and C. M. Sublette, Denver, Colo. Fountain pen. 2,105,600; Jan. 18.
- Johner, Hans, and G. Bonhöte, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Pseudo-azimido-benzene-amino-acyloacetic acid esters. 2,136,135; Nov. 8.
- Johner, Hans, and G. Bonhöte, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs. 2,136,136; Nov. 8.
- Johns, George M., St. Louis, Mo. Gem cutting machine. 2,137,405; Nov. 22.
- Johns, Henry S., North Grimsby Township, Lincoln County, assignor to Bancroft Holdings Limited, Hamilton, Wentworth, Ontario, Canada. Tubular belt conveyor. 2,108,488; Feb. 15.
- Johns, Henry S., North Grimsby Township, Ontario, assignor to Bancroft Holdings Limited, Hamilton, Ontario, Canada. Feeding apparatus for flexible tubular belt conveyors. 2,109,861; Mar. 1.
- Johns, Herman S., assignor to Dual Parking Meter Company, Oklahoma City, Okla. Electrical parking meter. 2,114,534; Apr. 10.
- Johns-Manville Corporation. (See Bruce, Donald S., assignor.)
- Johns-Manville Corporation. (See Bruce, D. S., and Berg, assignors.)
- Johns-Manville Corporation. (See Christenson, George, assignor.)
- Johns-Manville Corporation. (See Collier, Simon, assignor.)
- Johns-Manville Corporation. (See Coss, Harold T., assignor.)
- Johns-Manville Corporation. (See Halstead, Ralph T., assignor.)
- Johns-Manville Corporation. (See Manhs, Arthur J., assignor.)
- Johns-Manville Corporation. (See Miles, William S., assignor.)
- Johns-Manville Corporation. (See Parry, Robert E., assignor.)
- Johns-Manville Corporation. (See Parsons, Raymond V., assignor.)
- Johns-Manville Corporation. (See Powell, Edward R., assignor.)
- Johns-Manville Corporation. (See Pretot, Armand V., assignor.)
- Johns-Manville Corporation. (See Rinehart, Harry H., assignor.)
- Johns-Manville Corporation. (See Shipway, George E., assignor.)
- Johns-Manville Corporation. (See Shipway, G. E., and Pretot, assignors.)
- Johns-Manville Corporation. (See Stafford, William L., assignor.)
- Johns-Manville Corporation. (See Vieweg, Hermann P., assignor.)
- Johns-Manville Corporation. (See Wells, Edward H., Jr., assignor.)
- Johnson, A. L., Hon. N. Y. assignor to Remington Arms Company, Inc. Hand trap. 2,124,778; July 26.
- Johnson, Edmund, Smyrna, N. Y. Rapid dispensing. 2,128,299; Aug. 30.



- Johnsen, Bjornulf, Summit, N. J. Liquid dispensing. 2,129,770; Sept. 13.
- Johnson, A., & Co. (See Kalling, B. M. S., and Paulsson.)
- Johnson, Albert M., assignor to Barnes Drill Company, Rockford, Ill. Honing machine. 2,106,216; Jan. 25.
- Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Machine tool. 2,106,217; Jan. 25.
- Johnson, Albert M., assignor to Barnes Drill Company, Rockford, Ill. Honing machine. 2,111,784; Mar. 22.
- Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Honing machine. 2,114,349; Apr. 19.
- Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Honing machine. 2,130,393; Sept. 20.
- Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Carriage mounting. 2,139,234; Dec. 6.
- Johnson, Albert R. (See Sandstrom, Peter F., assignor.)
- Johnson, Albin G., near Cambridge, Ill. Gripper for tractor-driven plows. 2,128,300; Aug. 30.
- Johnson, Alex, assignor to Land O'Lakes Creameries, Inc., Minneapolis, Minn. Machine for cooling cream and like products. 2,131,439; Sept. 27.
- Johnson, Alfred, West New Brighton, Staten Island, assignor to Combustion Utilities Corporation, New York, N. Y. Making carbureted water gas. 2,112,626; Mar. 29.
- Johnson, Alfred, New York, N. Y. Tensioned power drive. 2,126,470; Aug. 9.
- Johnson, Alfred E., Alliance, Ohio. Combined curtain and shade. 2,140,080; Dec. 13.
- Johnson, Alfred J., Woodstown, N. J., and G. C. Strouse, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur colors by thionation. 2,125,924; Aug. 9.
- Johnson, Alfred R., Clarkston, Wash. Pen or pencil holder. 2,131,624; Sept. 27.
- Johnson, Allen M., Greenfield, Ohio. Garment protector for garment hangers. 2,107,003; Feb. 1.
- Johnson, Alvin L. (See Adell, John A., assignor.)
- Johnson, Alvin L., Ottawa Hills, assignor to The Logan Gear Company, Toledo, Ohio. Lifting device. 2,138,276; Nov. 29.
- Johnson, Alvin O., Chicago, Ill., assignor to Meyercord Company. Machine for attaching decalcomania films about cylindrical objects. 2,140,186; Dec. 13.
- Johnson, Arnold C., and R. J. Porche, New Orleans, La. Battery clamp. 2,114,225; Apr. 12.
- Johnson, Arnold E. W., Chicago, Ill., assignor to International Harvester Company. Furrow opener for grain drills. 2,105,120; Jan. 11.
- Johnson, Arnold E. W., Chicago, Ill., assignor to International Harvester Company. Endless conveyer wear plate. 2,112,911; Apr. 5.
- Johnson, Arthur A., assignor to John I. Paulding, Inc., New Bedford, Mass. Electric light fixture. 2,119,711; June 7.
- Johnson, Arthur A., assignor to Automatic Devices Corporation, Bridgeport, Conn. Electric cigar lighter. 2,129,374; Sept. 6.
- Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 2,121,525; June 21.
- Johnson, Arthur A., assignor to John I. Paulding, Inc., New Bedford, Mass. Electric fixture. 2,133,099; Oct. 11.
- Johnson, Arthur A., Bridgeport, Conn., assignor to Auto-graphic Register Company, Hoboken, N. J. Manifold ing. 2,136,343; Nov. 8.
- Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Splash guard for vehicle wheel fenders. 2,141,140; Dec. 20.
- Johnson, Arthur E., Taft, Calif. Hydraulic lock dry pipe valve with well testing and well flowing apparatus. 2,128,253; Aug. 30.
- Johnson, Arthur L., Milwaukee, Wis. Material grader and cleaner. 2,120,613; June 14.
- Johnson, Arthur W., and G. H. Young, Pittsburgh, Pa., assignors to Stoner-Mudge, Inc. Coating compound. 2,130,924; Sept. 20.
- Johnson, Austin C., and T. M. Wroble, Chicago, Ill. Time stamp. 2,137,493; Nov. 22.
- Johnson, Axel, deceased, by G. W. Johnson and L. A. Johnson, executors, and G. W. Johnson, Oakland, Calif. Can body making machine. 2,135,579; Nov. 8.
- Johnson & Bassett, Inc. (See Williams, C. E., and Anderson, assignors.)
- Johnson Belting Company. (See Fried, Nathan, assignor.)
- Johnson Bronze Company. (See Sandler, Louis, assignor.)
- Johnson Bror. (See Von Segebaden, E., and Johnson.)
- Johnson, Bror G., Chicago, Ill. Four wheel drive. 2,136,692; Nov. 15.
- Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Method and apparatus for manufacturing collapsible tubes. 2,104,485; Jan. 4.
- Johnson, Bror A. E., Alsten, Sweden, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Apparatus for handling tubes. 2,127,974; Aug. 23.
- Johnson, Bror E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Apparatus for delivering portions of relatively mobile material. 2,107,987; Feb. 8.
- Johnson, Bror E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Sealing collapsible tubes. 2,132,071; Oct. 4.
- Johnson Brothers Engineering Corporation. (See Johnson, Clarence L., assignor.)
- Johnson, C. S., Company. (See Johnson, Charles S., assignor.)
- Johnson, C. S. Company. (See Johnson, Charles S. and C. H., assignors.)
- Johnson, Carl E., Pasadena, assignor to Sterling Electric Motors, Inc., Los Angeles, Calif. Water cooled motor. 2,107,481; Feb. 8.
- Johnson, Carl E., Pasadena, and E. Mendenhall, Los Angeles, Calif. Variable-speed unit. 2,127,031; Aug. 16.
- Johnson, Carl G. (See Wallin, F. E. A. and K. T., and C. G. Johnson.)
- Johnson, Carl H., Bridgeport, Conn. Duplicating routing machine. 2,118,514; May 24.
- Johnson, Carl V., assignor to Bendix Products Corporation, South Bend, Ind. Shock strut. 2,130,885; Sept. 20.
- Johnson, Carl W., Glencoe, and G. M. Smith, Congress Park, Ill.; said Smith assignor to said Johnson. Automobile jack. 2,119,953; June 7.
- Johnson, Charles A., Duluth, Minn. Permanent joint strip. 2,123,468; July 12.
- Johnson, Charles B. (See Bernhart, Nicholas, assignor.)
- Johnson, Charles B., Monroe, assignor to Woodall Industries Incorporated, Detroit, Mich. Visor construction. 2,107,247; Feb. 1.
- Johnson, Charles E. (See Kress, O., and Johnson.)
- Johnson, Charles H. (See Johnson, Charles S., and C. H.)
- Johnson, Charles H. (See Paxton, G. C., Benson, and Johnson.)
- Johnson, Charles S., Champaign, Ill. Material handling apparatus. 2,128,778; Aug. 30.
- Johnson, Charles S., Champaign, Ill. Apparatus for handling materials. 2,138,277; Nov. 29.
- Johnson, Charles S., assignor to The C. S. Johnson Company, Champaign, Ill. Central mixing plant. 2,109,534; Mar. 1.
- Johnson, Charles S., Champaign, Ill., assignor to Koehring Company, Milwaukee, Wis. Tilting mechanism. 2,133,170; Oct. 11.
- Johnson, Charles S., assignor to The C. S. Johnson Company, Champaign, Ill. Batching apparatus. 2,138,172; Nov. 29.
- Johnson, Charles S. and C. H., assignors to The C. S. Johnson Company, Champaign, Ill. Batchers, batch charging, and transfer system. 2,127,120; Aug. 16.
- Johnson, Charles W., Washington, D. C. Closure for bottles, jars, and like containers. 2,125,788; Aug. 2.
- Johnson, Charles W., Uniontown, Pa. Manufacturing glassware. 2,125,789; Aug. 2.
- Johnson, Charles W., Uniontown, Pa. Nonrefillable bottle and like containers. 2,125,790; Aug. 2.
- Johnson, Charles W., Uniontown, Pa. Nonrefillable stopper. 2,125,791; Aug. 2.
- Johnson, Chester F., Los Angeles, Calif. Brake equalizer. 2,129,061; Sept. 6.
- Johnson, Clarence C., New York, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Water flow detector and alarm means. 2,109,317; Feb. 22.
- Johnson, Clarence H., Beverly, Mass., assignor to United Last Company, Portland, Maine. Last measuring stick. 2,114,385; Apr. 19.
- Johnson, Clarence L., assignor to Johnson Brothers Engineering Corporation, Waukegan, Ill. Internal combustion engine. 2,118,761; May 24.
- Johnson, Clifford E., Knoxville, Tenn. Dynamometer. 2,137,530; Nov. 22.
- Johnson, Conrad B., Eau Claire, Wis. Antislip device. 2,138,171; Nov. 29.
- Johnson, David L., Glenside, Pa. Concentrates from vegetables, fruits, or berries, and their manufacture. 2,115,815; May 3.
- Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Circuit breaker with overload trip. 2,134,613; Oct. 25.
- Johnson, Earl A., Dearborn, Mich. Apparatus for distributing and spraying liquid or plastic coating compositions. 2,123,604; July 12.
- Johnson, Earl V., Cleveland Heights, Ohio. Bottle holder. 2,126,639; Aug. 9.
- Johnson, Edward C., Chicago, Ill. Target device. 2,135,667; Nov. 8.
- Johnson, Edward E., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Flat screen. 2,129,428; Sept. 6.
- Johnson, Edward E., Incorporated. (See Johnson, Edward E., assignor.)
- Johnson, Edward T., assignor to The New England Box Company, Greenfield, Mass. Typewriter box. 2,137,293; Nov. 22.
- Johnson, Edward W., assignor to Chicago Carton Company, Chicago, Ill. Reclosable box. 2,139,021; Dec. 6.
- Johnson, Edwin. (See Schwensen, L. C., and Johnson.)
- Johnson, Edwin H., assignor to Johnson Tool & Engineering, Inc., Dayton, Ohio. Toy glider. 2,128,747; Aug. 30.
- Johnson, Ellsworth T., assignor to Deere & Company, Moline, Ill. Ensilage harvester. 2,111,323; Mar. 15.



- Johnson, Ellsworth T., assignor to Deere & Company, Moline, Ill. Overband for traction wheels. 2,132,955; Oct. 11.
- Johnson, Elmer G., Hibbing, Minn. Cigarette extinguisher. 2,120,027; June 7.
- Johnson, Elvin H., Winnetka, Ill. Door holder. 2,108,891; Feb. 22.
- Johnson, Emanuel, Sausalito, Calif. Cut and fill slope indicator. 2,113,272; Apr. 5.
- Johnson, Emery M., Detroit, Mich. Conduit cleaning tool. 2,115,266; Apr. 26.
- Johnson, Endre O., assignor of one-third to H. T. Quanbeck, McVie, N. Dak. Attachment for elevating graders. 2,105,422; Jan. 11.
- Johnson, Eric G., Trenton, N. J. Valve. 2,121,354; June 21.
- Johnson, Ernest M. (See McKinley, W. H., and Johnson.)
- Johnson, Ernest W., Frodsham, and R. A. Eastwood, Runcorn, England, assignors to Imperial Chemical Industries Limited. Apparatus for cleaning metal pipes. 2,108,489; Feb. 15.
- Johnson, Ewald, Detroit, Mich. Utility doll. 2,117,962; May 17.
- Johnson, Ewald E., St. Charles, assignor to Reliable Electric Company, Chicago, Ill. Electric wire or cable clamp. 2,117,725; May 17.
- Johnson Fare Box Company. (See Baur, J. W., and Nahm, assignors.)
- Johnson Fare Box Company. (See Baur, J. W., Van Zuielen, and Rogier, assignors.)
- Johnson Fare Box Company. (See Nahm, E. A., and Van Zuielen, assignors.)
- Johnson, Fay G. (See Watson, Charles B., assignor.)
- Johnson, Frank L., Akron, Ohio. Toy gun. 2,108,669; Feb. 15.
- Johnson, Frank W. (See Downing, F. B., and Johnson.)
- Johnson, Fred V., Baltimore, Md., and R. R. Nydegger, Wilmington, Del., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,106,803; Feb. 1.
- Johnson, Fred V., and E. U. Rice, Baltimore, Md., as to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,111,630; Mar. 22.
- Johnson, Fred V., and D. C. Robson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Winding apparatus. 2,141,395; Dec. 27.
- Johnson, Frederick B. (See Ludwig, L. R., Roman, Johnson, and Berkey.)
- Johnson, Frederick B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series gap device for lighting arresters. 2,112,097; Mar. 22.
- Johnson, Frederick B., and I. Jacobson, Kansas City, Mo. Disturbance responsive switch. 2,106,605; Jan. 25.
- Johnson, Frederick H., Detroit, Mich. Sheet metal punching apparatus. 2,118,648; May 24.
- Johnson, Fritz R., assignor to Hingeco Vanities Inc., Providence, R. I. Locking catch. 2,104,562; Jan. 4.
- Johnson, George, Hollywood, Calif. Electric call board tumbler switch. 2,117,171; May 10.
- Johnson, George A., Trumbull, assignor to The Bryant Electric Company, Bridgeport, Conn. Unit type Johnson, George A., Trumbull, assignor to The Bryant Electric Company, Bridgeport, Conn. Snap switch. 2,117,172; May 10.
- Johnson, George T., and H. H. Wolfe, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Pilot and pilot coupler. 2,104,865; Jan. 11.
- Johnson, George W. (See Beattie, W. P., and Johnson.)
- Johnson, George W., executor. (See Johnson, Axel and G. W.)
- Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Closure construction for washing machines. 2,105,248; Jan. 11.
- Johnson, Glen F., Detroit, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Lapping conical surfaces. 2,139,896; Dec. 13.
- Johnson, Glenn D. (See MacClatchie, J. W., Johnson, and Thies.)
- Johnson, Glenn D., assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Expandable cutter tool. 2,116,898; May 10.
- Johnson, Glenn D., and C. H. Hardies, assignors to Baash-Ross Tool Company, Los Angeles, Calif. Slip. 2,131,400; Sept. 27.
- Johnson, Glenn G., and R. J. Maller, Oelwein, Iowa. Printing apparatus. 2,125,346; Aug. 2.
- Johnson, Glenn G., assignor of one-half to C. J. Kizaur, Chicago, Ill. Garment hanger. 2,135,255; Nov. 1.
- Johnson, Gus H., McKeesport, Pa. Cycle sled. 2,129,935; Sept. 13.
- Johnson, Gustaf A., New Bedford, Mass. Attachment plug receptacle. 2,132,851; Oct. 11.
- Johnson, Gustaf A., New Bedford, Mass. Lamp socket. 2,132,852; Oct. 11.
- Johnson, Gustav, West Roxbury, assignor to United Carr Fastener Corporation, Cambridge, Mass. Shelf support. 2,133,781; Oct. 18.
- Johnson, Gustave A., Berwyn, Ill., assignor to International Harvester Company. Wheel-making machine. 2,136,619; Nov. 15.
- Johnson, H. F., et al. (See O'Rourke, James R., assignor.)
- Johnson, Harold G., Yonkers, N. Y., assignor to Kenneth Fredericks, Seattle, Wash. Method of and apparatus for effecting medicinal treatment. 2,112,160; Mar. 22.
- Johnson, Harry C. (See Fessler, J. H., and Johnson.)
- Johnson, Harry L., Minneapolis, Minn. Grain separator. 2,135,343; Nov. 1.
- Johnson, Harry R., Baltimore, Ohio. Reflector button mount. 2,109,824; Mar. 1.
- Johnson, Harry R., Baltimore, Ohio. Photographic exposure tester. 2,126,332; Aug. 9.
- Johnson, Henry D., Jr., and W. T. Sullivan, assignors to J. B. Martin Company, Norwich, Conn. Picker control for automatic looms. 2,124,978; July 26.
- Johnson, Henry D., Jr., and W. T. Sullivan, assignors to J. B. Martin Company, Norwich, Conn. Automatic loom. 2,124,979; July 26.
- Johnson, Henry L., East Cleveland, Ohio. Toy railroad track. 2,120,251; June 14.
- Johnson, Herbert B., assignor to Ritter Products Corporation, Rochester, N. Y. Method and apparatus for separating foodstuff of the nature of cocoa beans. 2,135,716; Nov. 8.
- Johnson, Herbert C., Chicago, Ill. Juice extracting device. 2,131,440; Sept. 27.
- Johnson, Herbert F., Pittsfield, Mass. Gauge pin. 2,133,680; Oct. 18.
- Johnson, Herbert L., Boston, Mass. Absorbable insulating animal membrane and sutures and making same. 2,135,399; Nov. 1.
- Johnson, Herbert M., Needham, Mass., assignor to Westinghouse Electric & Manufacturing Company. Electrical connector device. 2,118,607; May 24.
- Johnson, Homer H., Larchmont, assignor to Snyder & Black Incorporated, New York, N. Y. Display device. 2,128,587; Aug. 30.
- Johnson, Hugh, Reidsville, N. C. Garden tool. 2,132,300; Oct. 4.
- Johnson, Irene G., Brooklyn, N. Y., and W. N. Lurcott, Elizabeth, N. J.; said Lurcott assignor to said Johnson. Butter dispenser. 2,104,041; Jan. 4.
- Johnson, Jack, Taft, assignor, by mesne assignments, to W. J. Nimmer, Los Angeles, Calif. Well washer. 2,136,881; Nov. 15.
- Johnson, James E. (See Bellah, William H., assignor.)
- Johnson, James E., et al. (See Dahlstrom, A., and Nelson, assignors.)
- Johnson, James E. (See Joze, Allen T., assignor.)
- Johnson, Jesse A., New York, N. Y. Dry smoke pipe. 2,110,670; Mar. 8.
- Johnson, Jesse B., assignor to Gulf Cone Co., Dallas, Tex. Label placing method. 2,124,670; July 26.
- Johnson, Joe E., Venice, assignor to Food Machinery Corporation, San Jose, Calif. Preparing fresh fruit for market. 2,129,936; Sept. 13.
- Johnson, John A., Woodhaven, N. Y. Selecting and feeding receptacle closure caps. 2,112,291; Mar. 29.
- Johnson, John A., Woodhaven, N. Y. Apparatus for assembling sealing pads in receptacle closure caps. 2,113,592; Apr. 12.
- Johnson, John A., Woodhaven, N. Y. Apparatus for sorting and feeding receptacle closure caps. 2,124,618; July 26.
- Johnson, John A., Woodhaven, N. Y. Apparatus for making spool-enclosing shells. 2,129,771; Sept. 13.
- Johnson, John A., Woodhaven, N. Y. Apparatus for feeding receptacle closure caps. 2,133,353; Oct. 18.
- Johnson, John A., assignor to Puritan Engineering Corp., Crawfordsville, Ind. Water softener valve. 2,137,406; Nov. 22.
- Johnson, John A., Woodhaven, N. Y. Apparatus for assembling sealing pads in receptacle closure caps. 2,138,923; Dec. 6.
- Johnson, John B., Millburn, N. J., and F. W. Kammerer, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Source of variable high direct potential. 2,104,463; Jan. 4.
- Johnson, John E., Atwater, Minn. Barley polisher or pearler. 2,118,309; May 24.
- Johnson, John E., Wilkes-Barre, Pa. Pin board. 2,127,999; Aug. 23.
- Johnson, John E., Chicago, assignor to William Ayer McKimney, Winnetka, Ill. Material feeding machine. 2,128,252; Aug. 30.
- Johnson, John G. (See Kennedy, M. D., and Johnson.)
- Johnson, John G., Tacoma, Wash. Aquatic amusement device. 2,139,022; Dec. 6.
- Johnson, John H., Corpus Christi, Tex., assignor to J. Nelson, doing business as Louis Johnson Company, Chicago, Ill. Artificial fish lure. 2,121,822; July 26.
- Johnson, John H., Toronto, Ontario, Canada. Making striped rubber products. 2,138,378; Nov. 29.
- Johnson, John J., Dallas, Tex. Photographic apparatus. 2,129,326; Sept. 6.
- Johnson, John K. (See Clark, J. H., and Johnson.)
- Johnson, John K., Kentworth, Ill., assignor to Hazeltine Corporation, Jersey City, N. J. Superheterodyne receiver. 2,115,463; Apr. 26.
- Johnson, John R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,113,564; Apr. 5.
- Johnson, John R., A. Oberhoffen, and R. L. Cotta, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,108,824; Feb. 22.
- Johnson, John W., Manchester, N. Y. Roller bearing for printing machines. 2,107,117; Feb. 1.



- Johnson, John W., St. Maries, Idaho. Electrical cord extension device. 2,108,170; Feb. 15.
- Johnson & Johnson. (See Goldman, Joshua H., assignor.)
- Johnson & Johnson. (See Goldman, Maurice A., assignor.)
- Johnson & Johnson. (See Hayden, Robert P., assignor.)
- Johnson & Johnson. (See L'Hommiedieu, Paige D., assignor.)
- Johnson, Joseph E., Boston, Mass. Venetian blind. 2,105,082; Jan. 11.
- Johnson, Joseph O., Coalinga, Calif. Highway guard. 2,135,400; Nov. 1.
- Johnson, Joseph P. (See Gulden, Kenneth C., assignor.)
- Johnson, Joseph W., Salem, H. V. Roosen, Newton Center, A. E. Ushakoff, Beverly, and J. J. Brophy, Salem, Mass. Fuel. 2,125,448; Aug. 2.
- Johnson, Julius M. (See Lauck, A. G., and Johnson.)
- Johnson, Kenneth D., Pasadena, Calif. Fishing hook. 2,120,863; June 14.
- Johnson, Kurt T. (See Wallin, F. E. A., and K. T. and C. G. Johnson.)
- Johnson Laboratories, Inc. (See Crossley, A., and Meinema, assignors.)
- Johnson Laboratories Incorporated. (See Dumert, Victor, assignor.)
- Johnson Laboratories, Inc. (See Jacob, Frederick N., assignor.)
- Johnson Laboratories, Inc. (See Neighbors, C. C., and Meinema, assignors.)
- Johnson Laboratories, Inc. (See Polydoroff, Vladimir J., assignor.)
- Johnson Laboratories, Inc. (See Polydoroff, W. J., and Sinninger, assignors.)
- Johnson Laboratories, Inc. (See Schaper, William A., assignor.)
- Johnson Laboratories, Inc. (See Schofield, Bernard R., assignor.)
- Johnson Laboratories, Inc. (See Sinninger, Dwight V., assignor.)
- Johnson Laboratories, Inc. (See Whipple, Allen D., assignor.)
- Johnson, Lawrence R., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet registering device for printing presses. 2,107,248; Feb. 1.
- Johnson, Le Baron B., Bronxville, N. Y., assignor to Oakite Products, Inc. Apparatus for cleaning containers. 2,105,458; Jan. 11.
- Johnson, Leonard, Minneapolis, Minn., assignor to Hart-Carter Company, Peoria, Ill. Grain separating drum. 2,115,074; Apr. 26.
- Johnson, Leonard, and M. A. Rieman, Minneapolis, Minn., assignors to Hart-Carter Company, Peoria, Ill. Grain separating drum. 2,105,481; Jan. 18.
- Johnson, Leonard T., Maplewood, N. J. Weighing scale. 2,119,106; May 31.
- Johnson, Levi R., Worthington, Minn. Trailer hitch. 2,127,689; Aug. 23.
- Johnson, Lloyd A., executor. (See Johnson, Axel and G. W.)
- Johnson, Louis B., Baltimore, Md. Joint and dowel structure for roadways. 2,141,986; Dec. 27.
- Johnson, Louis B., Baltimore, Md., assignor to Dow-Weld Company, Inc. Load transfer device for roadways. Re. 20,886; Oct. 18.
- Johnson, Louis B., Baltimore, Md., assignor to Dow-Weld Company, Inc. Load transfer device for roadways. 2,104,866; Jan. 11.
- Johnson, Louis, Company. (See Johnson, John H., assignor.)
- Johnson, Lyle W., assignor to Gamble Stores Incorporated, Minneapolis, Minn. Refrigerator shelf. 2,109,999; Mar. 1.
- Johnson, Lynn E., and C. P. Cady, assignors to Westlake Manufacturing Corporation, Canastota, N. Y. Sander and control therefor. 2,131,514; Sept. 27.
- Johnson, Malcolm S. (See Harbert, V. H., and Johnson.)
- Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake hanger retainer. 2,121,248; June 21.
- Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Retainer means for brake hangers. 2,121,249; June 21.
- Johnson, Manfred J., assignor to one-half to The Lewis Engineering Company, Naugatuck, Conn. Indicating and/or recording unknown quantities. 2,109,776; Mar. 1.
- Johnson Manufacturing Company, The. (See Wickersham, D. P., and Waldvogel, assignors.)
- Johnson-March Corporation, The. (See Kleinicke, W. E., and Havenor, assignors.)
- Johnson, Martin A., San Marino, Calif. Electric circuit control mechanism. 2,127,259; Aug. 16.
- Johnson, Martin E., Chicago, assignor to one-half to I. J. Wilson, Winnetka, Ill. Plumb bob. 2,135,211; Nov. 1.
- Johnson, Martin S., West Hartford, Conn. Multipurpose gauge. 2,115,955; May 3.
- Johnson, Marwin R., Schenectady, N. Y., assignor to General Electric Company. Variable capacitor. 2,123,050; July 5.
- Johnson, Matthey & Company. (See Powell, A. R., and Davies, assignors.)
- Johnson Metal Products Company. (See Kaemmerling, Gustav H., assignor.)
- Johnson, Nels, Chicago, Ill. Toilet seat. 2,104,653; Jan. 4.
- Johnson, Norman G., Wenonah, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 2,117,173; May 10.
- Johnson, Norman G., Wenonah, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive package. 2,138,603; Nov. 29.
- Johnson, Oscar A., assignor to Riley Stoker Corporation, Worcester, Mass. Furnace. 2,118,086; May 24.
- Johnson, Otto W., Baltimore, Md. Life preserver. 2,118,708; May 24.
- Johnson, Paul W., assignor of thirty per cent to B. C. Brown and twenty per cent to J. J. Collins, San Francisco, Calif. Detachable curtain rod bracket. 2,105,482; Jan. 18.
- Johnson, Ralph P. (See Fonda, G. R., and Johnson.)
- Johnson, Ralph W., and H. E. Davis, Alton, Ill. Hinge. 2,133,663; Oct. 18.
- Johnson, Ray W., Chicago, Ill. Chuck. 2,116,243; May 3.
- Johnson, Reginald H., Maplewood, N. J., assignor to American Hair & Felt Company, Chicago, Ill. Felt carpet or rug and making the same. 2,115,581; Apr. 26.
- Johnson, Reynold B., Minneapolis, Minn., assignor to International Business Machines Corporation, New York, N. Y. Examination paper grading device (electrical). 2,113,620; Apr. 12.
- Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record punch. 2,126,640; Aug. 9.
- Johnson, Richard. (See Hurford, E., and Johnson.)
- Johnson, Richard C. (See Smith, Harold C., assignor.)
- Johnson, Richard J., Langdon, Minn. Humane trap. 2,110,156; Mar. 8.
- Johnson, Roy A., assignor to International Supply Company, Tulsa, Okla. Counterbalance for crankshafts. 2,137,164; Nov. 15.
- Johnson, Roy F., Oak Park, assignor to The Imperial Die Casting Company, Chicago, Ill. Die casting machine. 2,131,955; Oct. 4.
- Johnson, Roy W., Milwaukee, Wis. Heat regulator. 2,108,225; Feb. 15.
- Johnson, Roy W., Milwaukee, Wis. Oil control device. 2,129,937; Sept. 13.
- Johnson, Roy W., Milwaukee, Wis. Valve. 2,129,938; Sept. 13.
- Johnson, Roy W., assignor to Automatic Products Company, Milwaukee, Wis. Device for controlling the supply of fuel to oil burners and the like. 2,120,364; June 14.
- Johnson, Roy W., Wyoming, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Reflector device. 2,119,992; June 7.
- Johnson, Roy W., Wyoming, assignor to The Corcoran-Brown Lamp Company, Cincinnati, Ohio. Adjustable lamp. 2,128,461; Aug. 30.
- Johnson, Roy W., and T. A. Wetzel, assignors to Automatic Products Company, Milwaukee, Wis. Valve. 2,117,726; May 17.
- Johnson, S. C., & Son, Inc. (See Wright, Frank L., assignor.)
- Johnson, Samuel, et al. (See Gough, Joseph, assignor.)
- Johnson Service Company. (See Otto, Arthur J., assignor.)
- Johnson Service Company. (See Otto, Carl A., assignor.)
- Johnson Service Company. (See Rather, Maxwell F., assignor.)
- Johnson Service Company. (See Scharpf, Otto, assignor.)
- Johnson, Smith M., assignor to one-half to E. W. Coble, Middlefield, Ohio. Edge strip anchorage means for mats. 2,111,533; Mar. 15.
- Johnson, Stanley G., Grosse Pointe, Mich., assignor to The Burkhardt Company. Loose leaf binder. 2,110,366; Mar. 8.
- Johnson, Stanley N., assignor to Motor Wheel Corporation, Lansing, Mich. Manufacturing vehicle wheels. 2,121,199; June 21.
- Johnson, Stanley N., assignor to Motor Wheel Corporation, Lansing, Mich. Work remover. 2,122,648; July 5.
- Johnson, Stanley N., assignor to Motor Wheel Corporation, Lansing, Mich. Manufacturing wheels. 2,133,144; Oct. 11.
- Johnson, Stewart P., Passaic, N. J. Adjustable book stub holder. 2,127,737; Aug. 23.
- Johnson, Sylvester A., North Providence, assignor to A and Z Chain Company, Providence, R. I. Clasp or connector for bracelets. 2,115,954; May 3.
- Johnson, Theodore, Chicago, Ill. Differential. 2,113,511; Apr. 5.
- Johnson, Thomas H., Jackson Heights, assignor to American Bemberg Corporation, New York, N. Y. Warp-knit fabric and making the same. 2,133,935; Oct. 18.
- Johnson, Thomas H., Wheeling, W. Va. Match box. 2,138,819; Dec. 6.
- Johnson, Thor S., Irvington, assignor to Anaconda Wire & Cable Company, New York, N. Y. Electrical conductor. 2,115,777; May 3.
- Johnson, Timothy A., Milford, Conn., assignor to General Electric Company. Hose for washing machines. 2,141,916; Dec. 27.
- Johnson Tool & Engineering, Inc. (See Johnson, Edwin H., assignor.)
- Johnson, Truman. (See Anderson, J. K., and Johnson.)



- Johnson, Vernie L., Wyoming, Minn. Fence making machine. 2,138,173; Nov. 29.
- Johnson, Warren V., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 2,131,420; Sept. 27.
- Johnson, Warren V., and R. C. Kepner, Bloomsburg, Pa., assignors to American Car and Foundry Company, New York, N. Y. Stub axle mine car. 2,131,491; Sept. 27.
- Johnson, Wayne R., Bell, Calif., assignor to Bendix Products Corporation, South Bend, Ind. Valve. 2,111,322; Mar. 15.
- Johnson, Welton V., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable time characteristic relay. 2,112,098; Mar. 22.
- Johnson, Wilfred G., assignor to The Colson Corporation, Elyria, Ohio. Caster. 2,140,403; Dec. 13.
- Johnson, William F., assignor to Mentmore Manufacturing Co. Limited, London, England. Self filling fountain pen. 2,123,110; July 5.
- Johnson, William F., London, assignor to Mentmore Manufacturing Co. Limited, Hackney, London, England. Fountain pen. 2,129,134; Sept. 6.
- Johnson, William F. B., Philadelphia, Pa. Lamp shade. 2,117,890; May 17.
- Johnson, William T., Jr. (See Wilson, H. L., and Johnson.)
- Johnson, William V., Washington, D. C. Book holder. 2,117,667; May 17.
- Johnson, William V., Washington, D. C. Book holder. 2,117,668; May 17.
- Johnson's, Iver, Arms & Cycle Works. (See Nelson, Oscar H., assignor.)
- Johnston, Andrew L., Jr. (See Northcutt, R. T., and Johnston.)
- Johnston, Chapman I. (See Ferguson, Frank M., assignor.)
- Johnston, Charles E. (See Olesen, Jens A., assignor.)
- Johnston, Charles F., Oakland, Calif. Piston expander. 2,140,133; Dec. 13.
- Johnston, Clarence L., Oakland, Calif. Autographic register. 2,119,232; May 31.
- Johnston, Clarence S., Amarillo, assignor of one and one-half per cent to G. Phipps, Fort Worth, nineteen and thirty-five thirty-sixths per cent to E. M. Keller, three per cent to J. B. Phipps, Jr., and forty-four and four-ninths per cent to F. C. Nelson and L. C. Bradford, Pampa, Tex. Jack. 2,135,080; Nov. 1.
- Johnston, David R. (See Jones, J. E., and Johnston.)
- Johnston, Donald F., Pelham, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,107,754; Feb. 8.
- Johnston, Douglas, Greenwood, Miss. Hydraulic motor. 2,128,048; Aug. 23.
- Johnston, Dwight A., assignor to McKay Machine Company, Youngstown, Ohio. Aligning device for cold roll forming machines and the like. 2,122,615; July 5.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Power lift mechanism for tractors. 2,109,667; Mar. 1.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Liquid sterilizing device. 2,119,784; June 7.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Track type tractor. 2,119,785; June 7.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Tractor wheel. 2,123,533; July 12.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Crawler tractor. 2,127,033; Aug. 16.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Cotton picker. 2,140,631; Dec. 20.
- Johnston, Edward A., and A. C. Lindgren, Chicago, Ill., assignors to International Harvester Company. Hydraulic lift mechanism for tractors. 2,109,668; Mar. 1.
- Johnston, Edward A., Chicago, D. B. Baker, Riverside, and C. R. Rogers, Oak Park, assignors to International Harvester Company, Chicago, Ill. Tractor frame. 2,127,032; Aug. 16.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Stabilizer for track type tractors. 2,135,619; Nov. 8.
- Johnston, Fred E. (See Crosley, L. M., and Johnston.)
- Johnston, Fred E., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Transposed lead in. 2,135,344; Nov. 1.
- Johnston, George W., Astoria, N. Y. Paper cutting machine. 2,127,563; Aug. 23.
- Johnston, Harold E., assignor to Seovill Manufacturing Company, Waterbury, Conn. Dispenser. 2,125,572; Aug. 2.
- Johnston, Harold E., and E. H. Tompkins, assignors to Seovill Manufacturing Company, Waterbury, Conn. Dispenser. 2,135,180; Nov. 1.
- Johnston, Howard A., Toronto, Ontario, Canada. Vegetable peeling machine. 2,117,765; May 17.
- Johnston, Howard M., assignor to Massey Harris Company, Limited, Toronto, Ontario, Canada. Riveting device. 2,109,067; Feb. 22.
- Johnston, Irvin C., Youngstown, Ohio, assignor to J. M. Crowe, Fort Mitchell, Ky. Slag pocket construction. 2,130,925; Sept. 20.
- Johnston, James L. (See Bozeman, John F., assignor.)
- Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,107,634; Feb. 8.
- Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,125,295; Aug. 2.
- Johnston, John D. (See Bugge, V. M., and Johnston.)
- Johnston, John D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,111,146; Mar. 15.
- Johnston, John F., Ravenna, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sealing strip. 2,113,152; Apr. 5.
- Johnston, J. L. (See Hall, Warren J., assignor.)
- Johnston, Leith, Miami, Fla., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Contact spring. 2,120,980; June 21.
- Johnston, M. O. (See Bettis, Wilbur F., assignor.)
- Johnston, Mordica O., Glendale, Calif. Main valve for well testing tools. 2,126,641; Aug. 9.
- Johnston, Mordica O., Glendale, Calif. Equalizing valve. 2,129,216; Sept. 6.
- Johnston, Mordica O., Los Angeles, Calif. Formation tester. 2,132,072; Oct. 4.
- Johnston, Norris. (See Dillon, J. H., and Johnston.)
- Johnston, Robert C., Longview, Tex. Polish rod hanger. 2,122,944; July 5.
- Johnston, S. H. (See Seybertsen, Ludwig, assignor.)
- Johnston, Stanley. (See Stewart, David H., assignor.)
- Johnston, Walter E., Vicksburg, Miss. Utility tool. 2,138,862; Dec. 6.
- Johnston, Walter S., assignor to The Tile-Tex Company, Chicago Heights, Ill. Composition tile. 2,108,226; Feb. 15.
- Johnstone, George F., Chicago, Ill. Electrical etching machine. 2,110,487; Mar. 8.
- Johnstone, Harold G., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Computing apparatus. 2,127,644; Aug. 23.
- Johnstone, Henry A. (See Dreshfield, A. C., and Johnstone.)
- Johnstone, Henry F., Urbana, assignor, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Removing sulphur dioxide from waste gases. 2,134,481; Oct. 25.
- Johnstone, Henry F., Urbana, assignor, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Recovering SO<sub>2</sub> from waste gases. 2,134,482; Oct. 25.
- Johnstone, Henry F., and A. D. Singh, Urbana, assignors, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Combined cooler and scrubber. 2,139,827; Dec. 13.
- Joiner Engineering Corporation. (See Fuller, Edgar I., assignor.)
- Jolley, Roy F. (See Reichenstein, M. W., and Jolley.)
- Jolliffe, John P., Portland, Ore., assignor to the Government of the United States of America, represented by the Secretary of War. Automatic control mechanism for fish lock drainage. 2,104,042; Jan. 4.
- Jollivet, Leon E., Marseille L'Estaque, assignor to Société Minière et Métallurgique de Penarroya, Paris, France. Refining lead which contains bismuth. 2,133,327; Oct. 18.
- Jolly, Collin, Coogee, J. W. Archibald, D. Hill, and H. J. Solomon, Sydney, New South Wales, Austria. Dewooling machine. 2,122,006; June 28.
- Jolly, Samuel E., and W. M. McKee, deceased, Bortondale, by A. K. McKee, administratrix, Media, assignors to Sun Oil Company, Philadelphia, Pa. Grease and making the same. 2,137,494; Nov. 22.
- Jonas, Alexander, assignor to J. Hirsch, Philadelphia, Pa. Coat or the like. 2,131,515; Sept. 27.
- Jonas, Antone, Steamboat Springs, Colo. Ear protector. 2,111,147; Mar. 15.
- Jonas, Gottfried B. (See Elenbaas, W., and Jonas.)
- Jonas, Gottfried B. (See Holst, G., and Jonas.)
- Jonassen, George, St. Albans, N. Y. Bag holder. 2,113,153; Apr. 5.
- Jonassen, Jonas. (See Rue, H. E., Plyvo, and Jonassen.)
- Jones, Adrian S., Redwood City, Calif. Barrier for vehicular traffic. 2,127,090; Aug. 23.
- Jones, Adrian S., Redwood City, Calif. Amusement device. 2,128,008; Nov. 29.
- Jones, Alfred J., Chicago, Ill. Car journal lubricator. 2,132,120; Oct. 11.
- Jones, Alfred J., assignor to E. S. & A. Robinson, Limited, Bristol, England. Manufacture of paper or like bag tubes or bags. 2,106,431; Jan. 25.
- Jones, Arthur A. (See Bassett, W. H., and Jones.)
- Jones, Arthur L., Roundhay, Leeds, and D. K. Smith, Clunford, England. Sun blind. 2,131,283; Oct. 20.
- Jones, Benjamin C. (See Fletcher, H. S., Bishop, and Jones.)
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,104,654; Jan. 4.
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Circuit controlling means. 2,106,100; Jan. 18.
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,110,000; Mar. 8.



- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Time delay undervoltage protective system. 2,115,582; Apr. 26.
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,125,792; Aug. 2.
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Electrical control or regulating system. 2,134,517; Oct. 25.
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,140,386; Dec. 13.
- Jones, Bennett R., Perryopolis, Pa. Toy wheeled vehicle. 2,118,245; May 24.
- Jones, Bennett R., Perryopolis, Pa. Combination furniture. 2,127,819; Aug. 23.
- Jones, Bert W., North Adams, Mass. Bearing remover. 2,115,109; Apr. 26.
- Jones, Carl W. (See West, William H., assignor.)
- Jones, Charles F., Burlingame, Calif. Controlling printing lights. 2,117,727; May 17.
- Jones, Charles F., Burlingame, Calif. Apparatus for copying color film. 2,122,689; July 5.
- Jones, Charles F., San Francisco, Calif., assignor to Tricolor, Inc. Cinematographic camera. 2,108,201; Feb. 15.
- Jones, Cleveo, assignor to Detroit Dental Manufacturing Company, Detroit, Mich. Magnifying and illuminating device. 2,104,198; Jan. 4.
- Jones, Daniel H., Collingswood, N. J., assignor to Celanese Corporation of America. Finishing of textile materials of mixed types of fibers. 2,125,925; Aug. 9.
- Jones, David H., assignor of one-half to Scaffolding (Great Britain) Limited, London, England. Scaffolding structure. 2,113,196; Apr. 5.
- Jones, David H., London, S. W. 8, assignor of one-half to Scaffolding (Great Britain) Limited, London, England. Scaffolding structure. 2,118,467; May 24.
- Jones, Donald E., Jackson, Ohio. Casting tubular members. 2,116,630; May 10.
- Jones, Edwin B., Harrisburg, Pa. Shirt collar clamp. 2,135,753; Nov. 8.
- Jones, Elwood S., Reading, Pa. Mucilage applicator and spreader. 2,110,507; Mar. 8.
- Jones, Elwyn, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Gasless igniter. 2,127,603; Aug. 23.
- Jones, Emile, and J. C. Finecut, Lansing, Mich., assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Disappearing door handle for automobiles. 2,121,758; June 21.
- Jones, Ernest B., South Weymouth, and E. V. Babbitt, Marion, assignors to National Fireworks, Inc., West Hanover, Mass. Toy gun. 2,111,631; Mar. 22.
- Jones, Ernest B., South Weymouth, and W. M. Clark, assignors to National Fireworks, Inc., West Hanover, Mass. Snow plow. 2,116,351; May 3.
- Jones, Ernest C., Kansas City, Mo. Engine compressor unit. 2,133,769; Oct. 18.
- Jones, Frances M., Burlington, Iowa. Hair clip. 2,133,145; Oct. 11.
- Jones, Frank, Toronto, Ontario, Canada. Shirt holder. 2,112,025; Mar. 22.
- Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Baling press. 2,104,199; Jan. 4.
- Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Worm and worm gear assembly. 2,108,262; Feb. 15.
- Jones, Frank D., Ottumwa, assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Baler. 2,138,604; Nov. 29.
- Jones, Frank E., West Lafayette, Ohio, and F. C. Wachs, Milwaukee, Wis. Bedpan. 2,139,273; Dec. 6.
- Jones, Frank L., Punxsutawney, Pa., and R. J. Kirschmaier, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Making metal reflectors. 2,135,873; Nov. 8.
- Jones, Franklin P., Borger, Tex., assignor of one-half to H. L. Jones, Great Bend, Kans. Casing spear. 2,141,987; Dec. 27.
- Jones, Fred A., Newark, N. J. Gasoline dump device for airplanes. 2,139,970; Dec. 6.
- Jones, Fred A., Los Angeles, Calif., assignor to Clean-Between Toothbrush Co., Inc., New York, N. Y. Tooth brush. 2,133,704; Oct. 18.
- Jones, Gaither M., assignor to May Hosiery Mills, Inc., Burlington, N. C. Circular machine for knitting ringless hosiery. 2,120,752; June 14.
- Jones, George F. (See Chamier, J. A., and Jones.)
- Jones, George L., Garden City, H. C. Drake, Hempstead, and H. Schumacher, assignors to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,108,559; Feb. 15.
- Jones, Grace M. (See Swigart, Arthur L., assignor.)
- Jones, Harold H., Kalamazoo, assignor to Kalamazoo Vegetable Parchment Company, Parchment, Mich. Washcloth, dishcloth, or the like. 2,112,963; Apr. 5.
- Jones, Harrison A. L., assignor of one-fifth to A. M. Girard and one-fifth to A. B. Girard, Oakland, Calif. Tachometer. 2,108,014; Feb. 8.
- Jones, Harry B., Tonawanda, assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Blank reversing and shaping mechanism. 2,128,186; Aug. 23.
- Jones, Harry C., New York, N. Y. Phototyping machine. 2,115,990; May 3.
- Jones, Harry P., Brawley, assignor of one-fourth to P. Werve, El Centro, Calif. Tire deflation indicator switch. 2,131,561; Sept. 27.
- Jones, Harry S., Chicago, Ill. Writing pad. 2,129,375; Sept. 6.
- Jones, Henry R., Litherland, Liverpool, assignor of one-half to W. Dryden, Preston, England. Masticating mill. 2,135,754; Nov. 8.
- Jones, Herbert E., Colorado Springs, Colo., assignor, by mesne assignments, to Kansas City Testing Laboratory. Photoelectric haze penetrator. 2,121,771; June 21.
- Jones, Hilton I. (See Alton, W. H., and Jones.)
- Jones, Hilton I., Wilmette, assignor to The Naselmo Corporation, Chicago, Ill. Adjusting the surface tension of embalming fluids. 2,113,842; Apr. 12.
- Jones, Horry M., Chicago, Ill. Measuring apparatus. 2,137,773; Nov. 22.
- Jones, Homer L. (See Jones, Franklin P., assignor.)
- Jones, Homer W., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for removing metal from the surfaces of metallic bodies. 2,125,174; July 26.
- Jones, Homer W., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for removing metal from the surfaces of metallic bodies. 2,125,176; July 26.
- Jones, Homer W., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flame machining. 2,125,181; July 26.
- Jones, Homer W., Westfield, N. J., assignor, by mesne assignments to Union Carbide and Carbon Corporation. Removing metal from the surfaces of billets or similar metal bodies, and the product. 2,125,175; July 26.
- Jones, Homer W., Westfield, N. J., assignor, by mesne assignments to Union Carbide and Carbon Corporation. Removing metal from a surface of a metal body, and the resulting product. 2,125,177; July 26.
- Jones, Hugh J., Denver, Colo. Strapping razor. 2,105,535; Jan. 18.
- Jones, James L., Washington, D. C. Welding apparatus. 2,104,749; Jan. 11.
- Jones, James L., Washington, D. C. Welding apparatus. 2,104,750; Jan. 11.
- Jones, James M., Great Neck, N. Y. Tooth brush. 2,117,174; May 10.
- Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Desk. 2,141,954; Dec. 27.
- Jones, James R., and V. A. Gronberg, assignors to Art Metal Construction Company, Jamestown, N. Y. Filing device. 2,115,389; Apr. 26.
- Jones, Jennings H. (See Lofton, W. M., Jr., Jones, Pyle, and Hoffmann.)
- Jones, Jesse E., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control system. 2,137,721; Nov. 22.
- Jones, Joel T., Jr., assignor of one-half to G. F. Reed, Chicago, Ill. Drawing instrument. 2,130,135; Sept. 13.
- Jones, John E., and D. R. Johnston, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of solid materials with liquids. 2,107,537; Feb. 8.
- Jones, John E., and A. C. Cox, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of cellulose derivatives. 2,122,572; July 5.
- Jones, John N., Himrod, N. Y. Container and closing cap therefor. 2,135,752; Nov. 8.
- Jones, John R., San Mateo, E. W. Stanger, Oakland, and E. L. Krug, San Francisco, assignors of three-eighths to J. R. Jones, three-eighths to E. W. Stanger, and two-eighths to E. L. Krug. Reproduction apparatus. 2,112,849; Apr. 5.
- Jones, John T., Flushing, N. Y. Apparatus for displaying radio programs. 2,109,535; Mar. 1.
- Jones, John T., Great Neck, assignor to Radio Corporation of America, New York, N. Y. Automatic tuning means for radio sets. 2,124,195; July 19.
- Jones, John T., Milton, Pa. Warp beam for looms. 2,137,572; Nov. 22.
- Jones, Kenneth K., Chicago, Ill., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Preparations for decreasing perspiration. 2,114,599; Apr. 19.
- Jones, La Mar R., Cleveland Heights, Ohio. Clothes hanger. 2,116,631; May 10.
- Jones & Laughlin Steel Corporation. (See Free, John W., assignor.)
- Jones & Laughlin Steel Corporation. (See Hogg, G., Free, and Carroll, assignors.)
- Jones & Laughlin Steel Corporation. (See Lynch, Albert S., assignor.)
- Jones & Laughlin Steel Corporation. (See O'Neil, Dan, assignor.)
- Jones & Laughlin Steel Corporation. (See Smith, James M., assignor.)
- Jones & Laughlin Steel Corporation. (See Weibel, A. R., and Jones, assignors.)
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Dewaxing. 2,111,508; Mar. 15.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal separation. 2,138,476; Nov. 29.



- Jones, Lester L., and F. Mortellaro, Denver, Colo. Whisky aging apparatus. 2,105,693; Jan. 18.
- Jones, Lester L., Oradell, N. J., and J. Yolles, Brooklyn, assignors to Technidyne Corporation, New York, N. Y. Radio circuits. 2,130,824; Sept. 20.
- Jones, Linus H., Amherst, Mass., assignor to W. B. Jones, Chicago, Ill. Article for plant nutrition. 2,117,808; May 17.
- Jones, Linus H., Amherst, Mass., assignor to W. B. Jones, Chicago, Ill. Nutrition of potted plants. 2,127,629; Aug. 23.
- Jones, Lloyd E., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Hand truck. 2,129,772; Sept. 13.
- Jones, Lloyd T., and J. K. Ellsworth, Berkeley, Calif. Insect electrocutor. 2,106,528; Jan. 25.
- Jones, Louis B., Polo, Ill. Insect shield for automobiles. 2,104,655; Jan. 4.
- Jones, Lucian N. (See Smith, H. L., and Jones.)
- Jones, Mary, et al. (See Nash, William C., assignor.)
- Jones, Maurice F. (See Hill, C. F., Jones, and Atwell.)
- Jones, Oliver, Newark, N. J. Pivoted leg structure. 2,137,720; Nov. 22.
- Jones, Orsenus L. R., Chicago, Ill. Duplex retractile elevator for airplanes. 2,139,163; Dec. 6.
- Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidants. 2,133,297; Oct. 18.
- Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,138,924; Dec. 6.
- Jones, Philip H., Redondo Beach, Calif. Drilling fluid tester scale. 2,132,736; Oct. 11.
- Jones, Philip H., and E. C. Babson, assignors to Union Oil Company of California, Los Angeles, Calif. Reconditioning drilling fluids. 2,123,282; July 12.
- Jones, Poyner J., Cristobal, Panama Canal Zone. Combined pull and release trigger. 2,136,511; Nov. 15.
- Jones, R. A., & Company, The. (See Jones, Ruel A., assignor.)
- Jones, Ray A., Colmar, Ky. External combustion engine. 2,134,334; Oct. 25.
- Jones, Richard W., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,104,522; Jan. 4.
- Jones, Robert S., San Francisco, Calif. Ride stabilizer. 2,126,642; Aug. 9.
- Jones, Rodney M., Los Angeles, Calif. Electric toaster construction. 2,115,267; Apr. 26.
- Jones, Ruel A., assignor to The R. A. Jones & Company, Inc., Covington, Ky. Carton loading machine. 2,133,248; Oct. 11.
- Jones, Ruel C. (See Hutchinson, W. M., and Jones.)
- Jones, Sam P., assignor of forty per cent to E. W. Schadek, Dallas, Tex. Mixing air and gas. 2,134,253; Oct. 25.
- Jones, Sidney A., Fort Lauderdale, Fla. Ventilated awning shutter. 2,136,012; Nov. 8.
- Jones, Thomas H., Woodthorpe, England. Knitting machine. 2,111,450; Mar. 15.
- Jones, Thomas H., Woodthorpe, and R. K. Mills, Sherwood, assignors to Hosiery Developments Limited, Nottingham, England. Knitted fabric or garment and production thereof. 2,120,181; June 7.
- Jones, Thomas R., Wilkes-Barre, Pa. Miner's cap. 2,121,296; June 21.
- Jones & Vining, Inc. (See Harriman, Charles E., assignor.)
- Jones & Vining, Inc. (See Harriman, C. E., and Robinson, assignors.)
- Jones, W. Bartlett. (See Jones, Linus H., assignor.)
- Jones, W. Bartlett, assignor, by mesne assignments, to Consolidated Carton Inc., Chicago, Ill. Cellular carton for eggs and the like. 2,113,051; Apr. 5.
- Jones, Wallace S., St. Paul, Minn. Automatic hydraulic clutch. 2,132,631; Oct. 11.
- Jones, Wallace T., and L. Dotter, assignors to Rockwood & Co., Brooklyn, N. Y. Manufacture of chocolate. 2,137,294; Nov. 22.
- Jones, Walter, Princeton, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Double wall refrigerator. 2,135,181; Nov. 1.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Buckle. 2,112,532; Mar. 29.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Spool packing installation. 2,123,849; July 12.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener. 2,130,548; Sept. 20.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device for pocketbooks and the like. 2,137,531; Nov. 22.
- Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Grille fastener and installation of the same. 2,137,532; Nov. 22.
- Jones, Webster, Norwood, Mass. Belt fastening. 2,134,304; Oct. 25.
- Jones, Webster N., Pittsburgh, Pa., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,128,944; Sept. 6.
- Jones, Webster N., Pittsburgh, Pa., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,128,945; Sept. 6.
- Jones, Webster N., Pittsburgh, Pa., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 2,129,135; Sept. 6.
- Jones, William. (See Mudd, Thomas A., assignor.)
- Jones, William. (See Weibel, A. R., and Jones.)
- Jones, William C., et al. (See Chewning, Emmett E., assignor.)
- Jones, William C., Tappan, N. Y., and G. Siese, Park Ridge, N. J. Window. 2,137,053; Nov. 15.
- Jones, William H., Baton Rouge, La., assignor to Standard-I. G. Company. Recovery of catalytically active molybdenum sulphide. 2,112,292; Mar. 29.
- Jones, William S., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Refining of therapeutic oils. 2,113,942; Apr. 12.
- Jones, William W., Miami, Fla. Broom holder. 2,131,956; Oct. 4.
- Jones, Willie F., Anderson, S. C. Apparatus to laden the air with liquids. 2,108,587; Feb. 15.
- Jones, Winfield S., Long Beach, Calif. Over-shot fishing tool. 2,110,602; Mar. 8.
- Jones, Winfield S., Long Beach, Calif. Cutter. 2,112,026; Mar. 22.
- Jonitz, Georgina F., Quincy, Mass. Device for holding hats. 2,130,956; Sept. 20.
- Jonitz, Georgina F., Louisville, Ky. Receptacle closure. 2,132,115; Oct. 4.
- Jonker, Johan L. H., assignor to N. V. Philips' Gloeilampenfabriethen, Eindhoven, Netherlands. Electron discharge device. 2,107,333; Feb. 8.
- Jonker, Johan L. H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electron discharge device. 2,134,407; Oct. 25.
- Jonker, Johan L. H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric discharge tube. 2,141,303; Dec. 27.
- Jonson, Ossian H. (See Samuelson, F. G., Jonson, and Engdahl.)
- Jonsson, Anders J., Linköping, Sweden. Shovel. 2,121,200; June 21.
- Jonsson, Anders J., Linköping, Sweden. Bottle capping machine. 2,122,864; July 5.
- Jonsson, Gustaf E., Huddinge, Sweden. Stepwise variable change speed gear. 2,113,088; Apr. 5.
- Jonsson, Josef E., Linköping, Sweden. Device in capping machines. 2,140,586; Dec. 20.
- Jönsson, Nils O., Malmö, Sweden. Suspender clip. 2,132,073; Oct. 4.
- Joosten, Leo B., Grand Rapids, Mich. Sanitary device. 2,104,947; Jan. 11.
- Joplin, William A., Quincy, Mass., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Bottle transfer device. 2,123,363; July 12.
- Joplin, William A., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,126,193; Aug. 9.
- Joplin, William A., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton sealing machine. 2,131,625; Sept. 27.
- Jordahl, Anders. (See Goodloe, A. M., and Kerns, assignors.)
- Jordan, Guss F., and E. Mayer, Butte, Mont. Clutch mechanism for windshield wipers. 2,109,701; Mar. 1.
- Jordan, Henry, and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,117,425; May 17.
- Jordan, Henry, and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,117,426; May 17.
- Jordan, Henry E., Los Angeles, Calif. Car wheel. 2,129,178; Sept. 6.
- Jordan, Homer G. (See Edwards, P. G., Jordan, and Shackleton.)
- Jordan, John G., Chicago, Ill. Treatment of sewage. 2,120,786; June 14.
- Jordan, Lavern J., Fairview Village, and C. C. Walters, assignor to Industrial Rayon Corporation, Cleveland, Ohio. High speed spindle. 2,135,519; Nov. 8.
- Jordan, Paul, Berlin-Steglitz, Germany. Electrical appliances, particularly brackets. 2,111,289; Mar. 15.
- Jordan, Paul, Frankfurt on the Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Rotary muffle furnace. 2,131,665; Sept. 27.
- Jordan, Richard H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum cleaner carriage. 2,130,503; Dec. 6.
- Jordan, Wayne D., New Rochelle, and P. D. Van Vleet, assignors to Savage Arms Corporation, Utica, N. Y. Ice cream cabinet. 2,132,744; July 5.
- Jordi, René J., Montrouge, assignor to Etablissements Mignon, Montrouge, Seine, France. Supervision device for variations of temperature. 2,126,114; Aug. 9.
- Jorgensen, Arthur J. (See Young, A. C., and Jorgensen.)
- Jørgensen, Bernhard. (See Soldan, O., Pausenhuener, and Jørgensen.)
- Jørgensen, Bernhard, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating applying machine. 2,110,157; Mar. 8.
- Jørgensen, Bernhard, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and machine for use in shaping uppers over lasts. 2,117,330; May 17.



- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for assembling counters and uppers. 2,126,781; Aug. 16.
- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Assembling shoe uppers and counters. 2,128,301; Aug. 30.
- Jorgensen, Enoch B., assignor, by mesne assignments, to Viber Company, Los Angeles, Calif. Road paving machine. 2,138,103; Nov. 29.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,108,171; Feb. 15.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,115,722; May 3.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,117,331; May 17.
- Jorgensen, James P., Beloit, Wis. Attachment for skates. 2,137,637; Nov. 22.
- Jorgenson, Arthur P., assignor to Roan Manufacturing Company, Racine, Wis. Paint and liquid mixer. 2,109,233; Feb. 22.
- Jorgenson, Arthur P., Racine, Wis., assignor, by mesne assignments, to London P. Smith, Inc., Irvington, N. J. Portable paint and liquid mixer. 2,115,956; May 3.
- Joriot, Camille, Lacou-Villers, France. Device for placing protective coverings automatically on the seats of water closets. 2,123,469; July 12.
- Jorss, Karl F., Washington, D. C. Metal double hung window. 2,120,614; June 14.
- Joseph, John, Vineland, N. J. Coat. 2,114,079; Apr. 12.
- Josephs, Lyman C., Jr., Allentown, and L. J. Heine, Bethlehem, Pa., assignors to Mack Manufacturing Corporation. Body charge indicator for trackless trolley coaches. 2,125,050; July 26.
- Josephson, Gustave A., Everett, Wash. Meter reading recorder. 2,122,319; June 28.
- Josey, John H., Moscow, Tex. Jack. 2,114,779; Apr. 19.
- Joshua, Walter P., Cheam, H. M. Stanley, Tadworth, and J. B. Dymock, Sutton, England. Hydration of olefines and catalyst therefor. 2,110,878; Mar. 15.
- Joshua, Walter P., Cheam, H. M. Stanley, Tadworth, and J. B. Dymock, Sutton, England. Catalytic hydration of olefines to alcohols. 2,110,879; Mar. 15.
- Joshua, Walter P., Cheam, H. M. Stanley, Tadworth, and J. B. Dymock, Sutton, England. Catalytic hydration of olefines. 2,110,880; Mar. 15.
- Joshua, Walter P., Cheam, H. M. Stanley, Tadworth, and J. B. Dymock, Sutton, England. Manufacture of catalytic material suitable for the vapor phase hydration of olefines. 2,110,881; Mar. 15.
- Joslin, Lawrence S., Braintree, Mass. Vehicle. 2,140,053; Dec. 13.
- Joslyn, Stuart S., assignor to H. C. Bates, Chester, Conn. Manicure kit. 2,113,547; Apr. 5.
- Jost, Leslie G., assignor to Consolidated Steel Corp., Ltd., Los Angeles, Calif. Mullion construction. 2,134,790; Nov. 1.
- Jost, Peter, assignor, by mesne assignments, of thirty-seven and one-half per cent to J. Tyrrell, as trustee, and twenty-five per cent to P. H. Stevens, Akron, Ohio. Packaging machine. 2,134,046; Oct. 25.
- Josten Manufacturing Company, The. (See Eccles, William E., assignor.)
- Josten Manufacturing Co., The. (See Minister, George C., assignor.)
- Journal Box Servicing Corporation. (See Bissell, William T., assignor.)
- Journeaux, Didier, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,126,395; Aug. 9.
- Journeaux, Didier, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric control system. 2,139,637; Dec. 6.
- Jowett, James T., Philadelphia, Pa. Master key for card punching controls. 2,115,529; Apr. 26.
- Jowitt, Geddings, et al. (See Brasher, William P., assignor.)
- Joy Fastener Company. (See Miller, Frank P., assignor.)
- Joy Fastener Company. (See Miller, F. P., and Skeel, assignors.)
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Tractor tread mechanism. 2,108,536; Feb. 15.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Apparatus for handling material. 2,113,760; Apr. 12.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Material handling mechanism. 2,113,761; Apr. 12.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Furnace discharge means. 2,119,541; June 7.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,125,296; Aug. 2.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company, Chicago, Ill. Mining coal. 2,131,180; Sept. 27.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Hydraulic abutment device. 2,136,080; Nov. 8.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,136,921; Nov. 15.
- Joy, Joseph F., and L. E. Simmons, Claremont, N. H., assignors to Sullivan Machinery Company. Mining machine transmission mechanism. 2,131,178; Sept. 27.
- Joy, Joseph F., and C. G. Boudette, Claremont, N. H., assignors to Sullivan Machinery Company. Mining machine feeding mechanism. 2,131,179; Sept. 27.
- Joy Manufacturing Company. (See Nodine, Frank E., assignor.)
- Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Round-feeding mechanisms. 2,122,423; July 5.
- Joyce, Henry G., Providence, R. I. Finger ring. 2,121,201; June 21.
- Joyce, James J., Portsmouth, N. H. Night road marker. 2,109,011; Feb. 22.
- Joyce, Lyndon W., Greensboro, N. C. Display. 2,114,250; Apr. 12.
- Joyce, Lyndon W., Greensboro, N. C., assignor to The Faultless Manufacturing Company, Baltimore, Md. Elastic garment band. 2,138,453; Nov. 29.
- Joyce, Lyndon W., and H. L. Ross, assignors to Southern Webbing Mills, Inc., Greensboro, N. C. Control system for looms. 2,131,706; Sept. 27.
- Joyce, Patrick H., et al., trustee. (See Atherton, Howard B., assignor.)
- Joyce, Temple N. (See Lucking, David F., assignor.)
- Joze, Allen T., assignor, by mesne assignments, to J. E. Johnson, Chicago, Ill. Game apparatus. 2,135,182; Nov. 1.
- Juchheim, Erich, Ilmenau, Germany. Thermostat. 2,108,338; Feb. 15.
- Juchter, Pieter, Scotia, N. Y., assignor to General Electric Company. Photoelectric relay apparatus. 2,140,387; Dec. 13.
- Jucker, Albert A. (See de Nool, J. C., Gerritsen, and Jucker.)
- Judd, Gene J., Indianapolis, Ind. Furnace. 2,104,227; Jan. 4.
- Judd, George E. (See Rodd, B. T., and Judd.)
- Judd, George E., et al. (See Oakley, Kenneth H., assignor.)
- Judd Irving H. (See Kales, W. R. Judd, Huebshman, and Helms.)
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Truck trailer combination. 2,108,968; Feb. 22.
- Judd, Irving H., Dearborn, assignor to Whitehead & Kales Company, River Rouge, Mich. Deck structure. 2,123,630; July 12.
- Judelshon, Oscar L., Park Ridge, N. J. Drive belt. 2,113,790; Apr. 12.
- Judelshon, Oscar L., Park Ridge, N. J. Clutch. 2,113,791; Apr. 12.
- Judelshon, Oscar L., Park Ridge, N. J. Spooling machine. 2,135,668; Nov. 8.
- Judelshon, Oscar L., Park Ridge, N. J. Spooling machine. 2,135,668; Nov. 8.
- Judelson, Julius, New York, N. Y. Drier. 2,111,148; Mar. 15.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Relay stepping bank. 2,116,173; May 3.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,121,801; June 28.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,138,863; Dec. 6.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,141,535; Dec. 27.
- Judge, Thomas J., Rio de Janeiro, Brazil, assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,128,211; Aug. 23.
- Judkins, Glenn D., Stockton, Calif. Slipper. 2,119,233; May 31.
- Judson, Henry H. (See Snyder, Herald T., assignor.)
- Juelson, Agnes, Chicago, Ill. Suction cleaner. 2,114,780; Apr. 19.
- Juelson, Agnes S., Chicago, Ill. Suction nozzle. 2,140,874; Dec. 20.
- Juelss, David. (See Friedlein, R. E., and Juelss, assignors.)
- Juengst, Henry, New Rochelle, N. Y. Hair drying apparatus. 2,129,471; Sept. 6.
- Juffa, Wilhelm, Ilmenau, Germany. Mixing pipette. 2,104,325; Jan. 4.
- Juffa, Wilhelm, Ilmenau, Thuringia, Germany. Glass apparatus for chemical laboratories. 2,133,705; Oct. 18.
- Julien, Arlie P. (See Keene, P. A., and Julien.)
- Julien, Arlie P. (See Saddington, A. W., and Julien.)
- Julien, Louis F., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Roller screen. 2,126,782; Aug. 16.
- Julien, Louis F., assignor to Chamberlin Metal Weather Strip Co., Detroit, Mich. Light seal curtain. 2,132,986; Oct. 11.
- Julin, Victor T., Djursbolm, Sweden. Locking device. 2,128,825; Aug. 30.
- Jull, Walter K. (See Smeal, A. B., and Jull.)
- Jung, Albert H., Flushing, N. Y. Cooled bearing. 2,128,826; Aug. 30.
- Jung, Albert H., New York, N. Y. Ingot mold. 2,139,191; Dec. 6.



- Jung, Eberhard. (See Faust, E., and Jung.)  
 Jung, Heinrich. (See Schmidt, H., and Jung.)  
 Jung, Oscar H., Wauwatosa, and P. E. Heffelfinger, Milwaukee, Wis. Oiler. 2,131,441; Sept. 27.  
 Junger, Edwin F., Minneapolis, Minn. Creeper for tractor belts. 2,134,559; Oct. 25.  
 Jungers, John, assignor to Jungers Stove and Range Company, Grafton, Wis. Heater. 2,104,592; Jan. 4.  
 Jungers Stove and Range Company. (See Jungers, John, assignor.)  
 Jungersen, Thoger G., Mimico, Ontario, Canada. Casting articles of intricate design and a product thereof. 2,118,468; May 24.  
 Junghans, Helmut, Schramberg-Sulgen, Germany. Detonator. 2,105,423; Jan. 11.  
 Junghans, Helmut, Schramberg-Sulgen, Eckenhof, Germany. Electric synchronous motor. 2,113,693; Apr. 12.  
 Junghans, Helmut, Schramberg-Sulgen, Eckenhof, Germany. Centrifugal fuse. 2,130,720; Sept. 20.  
 Junghans, Helmut, Schramberg-Sulgen, Germany. Pendulum locking device for clocks. 2,138,345; Nov. 29.  
 Junghans, Helmut, Sulgen, near Schramberg, Germany. Alarm clock. 2,118,203; May 24.  
 Junghans, Helmut, Eckenhof in Sulgen, near Schramberg, Germany. Tumbler contact. 2,127,869; Aug. 23.  
 Junghans, Siegfried, Villingen, Germany. Continuous casting of rods. 2,135,183; Nov. 1.  
 Junghans, Siegfried, Stuttgart, Germany. Apparatus for continuous casting of metal rods. 2,135,184; Nov. 1.  
 Junken, Lawrence H., Haddonfield, N. J., assignor to Radio Corporation of America. Electrolytic capacitor. 2,113,405; Apr. 5.  
 Junkermann, Fred J., Philadelphia, Pa. Tube holding device. 2,107,635; Feb. 8.  
 Junkers & Co., G. m. b. H. (See Fiedler, K., Hegwein, Merten, and Stockmeyer assignors.)  
 Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, (See Hartmann, Edmund, assignor.)  
 Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Lichte, August, assignor.)  
 Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Mader, Otto, assignor.)  
 Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Studel, H., and Wiechell, assignors.)  
 Junkers Flugzeug- und Motorenwerke Aktiengesellschaft. (See v. Doepf, Philipp, assignor.)  
 Junkers Flugzeug- und Motorenwerke Aktiengesellschaft. (See Wilcken, Karl, assignor.)  
 Junkers, Therese. (See Griebisch, Franz, assignor.)  
 Junkers, Therese. (See Jänicke, Hermann, assignor.)  
 Junkers, Therese, née Bennhold. (See Jänicke, Hermann, assignor.)  
 Junkins, John N., Sheffield, Ala. Oxidizing elemental phosphorus. 2,125,297; Aug. 2.  
 Junkins, Raymond D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. 2,106,030; Jan. 18.  
 Junkunc, John, Chicago, Ill. Can sealing machine. 2,122,243; Mar. 29.  
 Junkunc, John, Chicago, Ill. Can sealing apparatus. 2,137,245; Nov. 22.  
 Juno Corporation Limited. (See Duffield, William A., assignor.)  
 Juredine, Gordon M. (See O'Brien, J. J., and Juredine.)  
 Jurist, Alfred E. (See Christiansen, W. G., and Jurist.)  
 Jurist, Alfred E., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Amino azobenzene arsonic acids. 2,112,244; Mar. 29.  
 Jurriaanse, Tom, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury cathode tube. 2,118,887; May 31.  
 Jurriaanse, Tom, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Rectifying device. 2,135,006; Nov. 1.  
 Jurs, Albert E. (See Denham, John J., assignor.)  
 Jussen, Herbert C., and V. V. Malcolm, Mariemont, Ohio, assignors to The Philip Carey Manufacturing Company. Expansion joint. 2,104,371; Jan. 4.  
 Just, Arthur B., et al. (See Elbaum, Philip, assignor.)  
 Justement, Louis, Bethesda, Md. Building construction. 2,110,488; Mar. 8.  
 Justheim, Clarence L., Salt Lake City, Utah. Refrigerator. 2,107,538; Feb. 8.  
 Justice, Leslie, Philadelphia, Pa., and W. D. MacGeorge, Woodbury, N. J. Apparatus for agitating and disintegrating pulp. 2,139,274; Dec. 6.  
 Jutson, Robert P., North Tarrytown, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulating system. 2,118,246; May 24.  
 Juul, Soren H., Outlook, Mont. Propeller for aircraft. 2,129,939; Sept. 13.  
 Jwanouskos, Joseph J., Sr. (See Jwanouskos, J. J., Jr., Lundgren, and Swan, assignors.)  
 Jwanouskos, Joseph J., Jr., St. Paul, G. C. Lundgren, Minneapolis, and J. D. Swan, Jr., North St. Paul, assignors to J. J. Jwanouskos, Sr., St. Paul, Minn. Ignition cut out. 2,129,062; Sept. 6.  
 K. C. M. Company. (See Carruth, Henry P., assignor.)  
 K. C. M. Company. (See Crowden, Leonard R., assignor.)  
 K-D Manufacturing Company. (See Kulp, Harry W., assignor.)  
 K-D Manufacturing Company. (See Malone, Mackey K., assignor.)  
 K. L. G. Sparking Plugs Limited. (See Carington, C. M., and Postlethwaite, assignors.)  
 K. P. F. Electric Company. (See Wilkins, Roy, assignor.)  
 Kaack, Carl, Chicago, Ill. Suction cup. 2,131,224; Sept. 27.  
 Kaar, Ira J., Stratford, Conn., assignor to General Electric Company. Transmission line termination. 2,127,408; Aug. 16.  
 Kaasa, Orin G. (See Kimball, T. B., and Kaasa.)  
 Kabat, Frank, Lincoln, Nebr. Lineman safety belt. 2,127,034; Aug. 16.  
 Kabo Corset Co. (See Bertrams, Elsa, assignor.)  
 Kabus, Fernand, Chicago, Ill., assignor to The Angostura Wuppermann Corporation, New York, N. Y. Meat processing. 2,123,336; July 12.  
 Kabushiki Kaisha Kawanishi Kikai Seisakujo. (See Abe, S., Setoguchi, and Nagai, assignors.)  
 Kabushiki Kaisha Wakamoto Honpo Iryo To Ikuji No Kai. (See Kawata, Matajiro, assignor.)  
 Kacena, John, assignor to Crane Co., Chicago, Ill. Support for radiators and the like. 2,119,256; May 31.  
 Kacena, Joseph F., Chicago, Ill. Trestle. 2,112,778; Mar. 29.  
 Kachnowski, Phyllis. (See Kowalewska, Czeslawa, assignor.)  
 Kadas, Michael, Farmington, Minn. Tank truck grounding device. 2,125,378; Aug. 2.  
 Kaddeland, Christen R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 2,124,420; July 19.  
 Kadel, Byers W., Baltimore, Md., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,109,133; Feb. 22.  
 Kaden, Heinrich, Berlin-Siemensstadt, P. Thomas, Berlin-Wilmersdorf, and H. Wassmansdorff, Berlin-Spandau, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, Berlin, Germany. Communication cable comprising one or more screened core groups. 2,109,334; Feb. 22.  
 Kadenacy, Michel, Paris, France. Exhaust device for explosion or internal combustion engines. 2,110,986; Mar. 15.  
 Kadenacy, Michel, Paris, France. Distribution system for explosion or internal combustion engines. 2,113,480; Apr. 5.  
 Kadenacy, Michel, Paris, France. Internal combustion engine. 2,127,775; Aug. 23.  
 Kadenacy, Michel, Paris, France. Charging and scavenging of the cylinders of two-stroke internal combustion engines. 2,131,957; Oct. 4.  
 Kadenacy, Michel, Paris, France. Two-stroke cycle internal combustion engine. 2,131,958; Oct. 4.  
 Kadenacy, Michel, Paris, France. Internal combustion engine. 2,134,920; Nov. 1.  
 Kadenacy, Michel, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company, Limited, London, England. Pressure indicator. 2,119,160; May 31.  
 Kadenacy, Michel, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company, Limited, Westminster, London, England. Two-stroke internal combustion engine. 2,123,569; July 12.  
 Kadenacy, Michel, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company Limited, London, England. Two-stroke internal combustion engine. 2,130,721; Sept. 20.  
 Kadenacy, Michel, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company, Limited, London, England. Timing of the inlet and exhaust orifices of two-stroke internal combustion engines. 2,131,959; Oct. 4.  
 Kadri, Vassaf, assignor of thirty per cent to N. Rejeb, New York, and twenty five per cent to M. Baudadi, Brooklyn, N. Y. Abrading machine. 2,120,252; June 14.  
 Kaehler, Alfred, assignor to Wilson & Bennett Manufacturing Company, Chicago, Ill. Container closure. 2,123,553; July 12.  
 Knaemmerling, Gustav H., assignor to Johnson Metal Products Company, Erie, Pa. Closure for receptacles. 2,140,456; Dec. 13.  
 Katka, Melvin T., New York, N. Y. Book cover. 2,105,041; Jan. 11.  
 Kehl, Emil, Badenweg, Wädenswil, Canton Zurich, Switzerland. Gas-air mixing valve for burners. 2,120,864; June 14.  
 Kehl, Walter W., La Grange, and R. Gills, Hinsdale, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Temperature control means for extrusion apparatus. 2,105,083; Jan. 11.  
 Kagley, Herbert W., assignor to Lindsay Hipe Olive Company, Lindsay, Calif. Fruit pitting machine. 2,111,925; Apr. 49.  
 Kahl, Henry, Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume indicator. 2,119,211; May 31.  
 Kahle, Dale W., assignor to Jamestown Metal Equipment Co., Inc., Jamestown, N. Y. Locking mechanism. 2,115,122; Apr. 26.  
 Kahler, John E., Kaukaee, Ill. Swatter gun. 2,129,217; Sept. 6.  
 Kahler, John E., Kaukaee, Ill. Swatter gun. 2,140,811; Dec. 20.



- Kahlenberger, Wilhelm, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Combustion power machine with stream atomization. 2,114,924; Apr. 19.
- Kahmar, William A., Philadelphia, Pa. Baseball glove. 2,136,882; Nov. 15.
- Kahn, Albert C., Tomahawk, Wis. Front facing oarlock. 2,129,006; Sept. 6.
- Kahn, Benjamin, assignor to Kinetic Cycle Research Corporation, New York, N. Y. Masterless connecting rod mechanism for radial engines or pumps. 2,122,745; July 5.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,119,012; May 31.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,132,737; Oct. 11.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,138,925; Dec. 6.
- Kahn, Bertrand B., Cincinnati, and C. J. Hake, assignors to The Estate Stove Company, Hamilton, Ohio. Stove. 2,123,699; July 12.
- Kahn, David, Inc. (See Kahn, David, assignor.)
- Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen, N. J. Pencilhead container. 2,105,424; Jan. 11.
- Kahn, David, Woodcliff, assignor to David Kahn, Inc., Township of North Bergen, Hudson County, N. J. Plaque holder and making the same. 2,141,988; Dec. 27.
- Kahn, David, Woodcliff, assignor to David Kahn, Inc., Township of North Bergen, Hudson County, N. J. Plaque holder for writing instruments and the like. 2,141,990; Dec. 27.
- Kahn, David, Woodcliff, assignor to David Kahn, Inc., Township of North Bergen, Hudson County, N. J. Plaque holder and blank. 2,141,991; Dec. 27.
- Kahn, David, Inc. (See Kahn, David, assignor.)
- Kahn, David, Inc. (See Weisser, Karl, assignor.)
- Kahn, Eugene W., New York, N. Y. Container. 2,123,731; July 12.
- Kahn, Eugenia, New York, N. Y. Hair-curler. 2,123,421; July 12.
- Kahn, Frank, and E. R. Wayne, said Wayne assignor to A. F. Wayne, Jr., Philadelphia, Pa. Thermocouple hygrometer. 2,128,462; Aug. 30.
- Kahn, Frank J., New York, N. Y. Press. 2,127,520; Aug. 23.
- Kahn, Harry, New Bern, N. C., assignor, by mesne assignments, to Ready Made Neckwear Corporation. Necktie. 2,132,301; Oct. 4.
- Kahn, Julian S., New York, N. Y. Fraud detector. 2,104,079; Jan. 4.
- Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bandeau. 2,109,569; Mar. 1.
- Kahn, Lewis I., New York, N. Y. Venetian blind. 2,123,010; July 5.
- Kahn, Milton, New York, N. Y. Stereoscopic viewer. 2,122,649; July 5.
- Kahn, Milton, assignor to Novelart Mfg. Co., New York, N. Y. Envelope. 2,128,748; Aug. 30.
- Kahn, Robert J., Chicago, Ill. Pressure cooker and mold. 2,122,320; June 28.
- Kajer, Richard, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric sewing machine cabinet. 2,131,010; Sept. 20.
- Kailich, Armand. (See Schüller, H., Matzner, and Kailich.)
- Kairis, Milton. (See Shizus, J., and Kairis.)
- Kaiser, Harry E., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Manufacturing Portland cement. 2,130,624; Sept. 20.
- Kaiser, Harry E., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Portland cement clinker quenching process. 2,130,625; Sept. 20.
- Kaiser, Harry E., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Quenching Portland cement clinkers. 2,130,626; Sept. 20.
- Kaiser, Hermann J., Harper, Tex. Drilling, punching, and mortising machine. 2,127,260; Aug. 16.
- Kaiser, Rudolf. (See Hirsch, P., and Kaiser.)
- Kaiserman, Jacob R., Helena, Mont. Bowling alley. 2,138,423; Nov. 29.
- Kakides, Aristides, Haverhill, Mass. Staging. 2,134,975; Nov. 1.
- Kakizaki, Hisashi, assignor of one-half to Goshi Kaisha Masuzawa Shoten, Okaya City, Japan. Making of silk knitting. 2,136,589; Nov. 15.
- Kalamazoo Vegetable Parchment Company. (See Jones, Harold H., assignor.)
- Kalb, Harry N. (See Overacker, Horace E., assignor.)
- Kalb, Robert M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency changer system. 2,112,533; Mar. 29.
- Kalbitzer, George W., Jr., Los Angeles, Calif., assignor, by mesne assignments, to J. P. Seeburg Corporation, Chicago, Ill. Vending machine for frozen confections. 2,140,587; Dec. 20.
- Kalbreier, Robert J., Chicago, Ill. Speed control. 2,117,963; May 17.
- Kalbreier, Robert J., Chicago, Ill. Speed control. 2,118,730; May 24.
- Kales, Josef, Stuttgart, Germany. Generator and/or starting motor for motor vehicles. 2,104,259; Jan. 4.
- Kales, William R., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Running gear. 2,139,548; Dec. 6.
- Kales, William R., Detroit, I. H. Judd, Dearborn, and P. Huebshman and R. H. Helms, Melvindale, assignors to Whitehead & Kales Company, River Rouge, Mich. Running gear. 2,139,547; Dec. 6.
- Kali-Chemie Aktiengesellschaft. (See Würstlin, Karl, assignor.)
- Kali Manufacturing Company. (See Wall, Eugene W., assignor.)
- Kalichevsky, Vladimir A. (See Story, B. W., and Kalichevsky.)
- Kalif Corporation. (See Pike, Robert D., assignor.)
- Kalin, Albert, assignor to Woodward Governor Company, Rockford, Ill. Governor. 2,117,891; May 17.
- Kalio, Inc. (See Lieberhecht, Karl R., assignor.)
- Kalio, Inc. (See Verbeek, Arnold F., assignor.)
- Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,002,601; Mar. 29.
- Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,115,715; May 3.
- Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,125,727; Aug. 2.
- Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Humidity control for refrigerators. 2,133,958; Oct. 25.
- Kalish, Harry L., New York, N. Y. Notebook pad. 2,108,015; Feb. 8.
- Kalish, Ralph, et al. (See Landau, Charles, assignor.)
- Kalkhoff, Charles W., assignor to Louisville Drying Machinery Company, Incorporated, Louisville, Ky. Method of and apparatus for filtering distillery slop. 2,126,018; Aug. 9.
- Kalko, Stephen, Bordentown Township, Burlington County, N. J. Variable speed transmission. 2,109,174; Feb. 22.
- Kallam, Floyd L. (See Smith, Sydney S., assignor.)
- Kallam, Floyd L., Huntington Park, Calif. Volatility tester. 2,119,786; June 7.
- Kalle & Co. Aktiengesellschaft. (See Neugebauer, W., Ostwald, and Sponsel, assignors.)
- Kalle & Co. Aktiengesellschaft. (See Voigt, Wilhelm, assignor.)
- Kallfelz, George. (See Menapace, J. C., and Kallfelz.)
- Kalling, Bo M. S., Djursholm, and N. A. V. Paulsson, Avesta, assignors to A. Johnson & Co., Stockholm, Sweden. Apparatus for electrically treating material in rotary furnaces. 2,129,007; Sept. 6.
- Kallmann, Simon, Paris, France. Apparatus for producing permanent waves. 2,120,148; June 7.
- Kalman, Nicholas L., Cambridge, Mass. Cellulose derivative compositions. 2,136,384; Nov. 15.
- Kalmar, Stephen. (See Rabezzana, H., and Kalmar.)
- Kalmbach, Frederick, assignor, by mesne assignments, to Electric Furnace-Man, Inc., New York, N. Y. Coal conveyor. 2,125,926; Aug. 9.
- Kalsey, John, North Palo Alto, Calif. Stroboscopic synchrometer. 2,114,714; Apr. 19.
- Kalsey, John, North Palo Alto, Calif. Synchronous converter. 2,116,899; May 10.
- Kalsey, John, North Palo Alto, Calif. Method and apparatus for sound transmission and reproduction. 2,134,047; Oct. 25.
- Kalvin, Louis, New York, N. Y. Dental impression tray and holder. 2,117,846; May 17.
- Kamann, Franz, assignor to R. Muller, Essen, Germany. Gas producing apparatus. 2,114,144; Apr. 12.
- Kampli, Eduard, assignor to Society of Chemical Industry in Basle, Basle, Switzerland. Indigoid dyestuffs. 2,108,938; Feb. 22.
- Kamborian, Jacob S., West Newton, assignor to Northern Machine Co., Inc., Boston, Mass. Lasting footwear. 2,104,228; Jan. 4.
- Kamborian, Jacob S., West Newton, assignor to Northern Machine Co., Inc., Waltham, Mass. Apparatus for lasting shoes. 2,108,670; Feb. 15.
- Kamborian, Jacob S., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and means for use in lasting shoes. 2,108,859; Feb. 22.
- Kamenarović, Leone, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Distributor for fluid pressure brake systems. 2,135,007; Nov. 1.
- Kamenarović, Leone, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Screw and nut device. 2,137,573; Nov. 22.
- Kamenstein, Meyer, Brooklyn, N. Y. Closure operating mechanism for waste cans. 2,106,892; Feb. 1.
- Kamenstein, Meyer, Brooklyn, N. Y. Garbage and waste can. 2,120,520; June 14.
- Kamesam, Sonti, New Forest, Dehra Dun, British India. Wood preservative composition. 2,106,978; Feb. 1.
- Kaminski, Francis J. (See Misiewicz, W. J., and Kaminski.)



- Kamlet, Jonas, Brooklyn, N. Y. Manufacture of sulph-anilamide. 2,111,913; Mar. 22.
- Kämmel, Hugo E., Zella-Mehlis in Thuringia, assignor to Mercedes Buromaschinen-Werke Aktiengesellschaft, Benshausen, Thuringia, Germany. Shift and driving mechanism for adding machines. 2,110,987; Mar. 15.
- Kammerdiner, James A. (See Black, Millard S., assignor.)
- Kammerer, Fred W. (See Johnson, J. B., and Kammerer.)
- Kammerer, Fred W., New York, N. Y. Fabric clamping means. 2,133,199; Oct. 11.
- Kamper, Andrew M., Surbiton, assignor to No-Nail Cases Proprietary Limited, London, England. Manufacture of boxes. 2,111,474; Mar. 15.
- Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Air cleaner and silencer assembly. 2,126,643; Aug. 9.
- Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Crankcase breather and oil filter pipe assembly. 2,137,054; Nov. 15.
- Kamsvaag, Gudmund, Merchantville, assignor to Warren Webster & Company, Camden, N. J. Heating system. 2,105,536; Jan. 18.
- Kandyba, Julius, Berlin, Germany. Method and apparatus for examining the compression and the ignition of internal combustion engines by means of a small illuminating tube. 2,139,828; Dec. 13.
- Kane, Francis E. (See Gerking, D. V., and Kane.)
- Kane, Frank A. (See Phillips, Bernard C., assignor.)
- Kane, James H., assignor of one-half to A. T. Roche, San Francisco, Calif. Greenhouse. 2,136,192; Nov. 8.
- Kane, John P., New York, N. Y. Coffee Ball. 2,110,732; Mar. 8.
- Kane, Joseph J., Galveston, Tex. Well pipe joint. 2,130,587; Sept. 20.
- Kane, Joseph J., Galveston, and R. A. Chambers, Houston, Tex.; said Chambers assignor to said Kane. Pipe line patch. 2,114,145; Apr. 12.
- Kane & Roach, Inc. (See Kane, William E., assignor.)
- Kane, Thomas, Holborn, London, assignor to Edward Halford Strange, London, England. Manufacture of alkyl halides. 2,119,079; May 31.
- Kane, Thomas, Holborn, London, assignor to E. H. Strange, Ventnor, Isle of Wight, England. Making alkyl halides. 2,119,167; May 31.
- Kane, William E., assignor to Kane & Roach, Inc., Syracuse, N. Y. Feed table for wrapping and pinch-type bending rolls. 2,140,404; Dec. 13.
- Kaneshige, Masao, Kahului, Hawaii. Bottle cap. 2,114,925; Apr. 19.
- Kangas, Francis, Soudan, Minn. Drill. 2,110,397; Mar. 8.
- Kann, Heinrich. (See Puller, R., and Kann.)
- Kann, John, New York, N. Y., assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Method and apparatus for dispensing beverages. 2,110,840; Mar. 8.
- Kannel, Charles, Cleveland, Ohio. Ventilating means for vehicles. 2,132,421; Oct. 11.
- Kannel, Charles, Cleveland, Ohio. Vehicle ventilating means. 2,132,422; Oct. 11.
- Kannel, Charles, Cleveland, Ohio. Tanning apparatus. 2,133,989; Oct. 25.
- Kannenbergh, Walter F., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay circuit. 2,111,632; Mar. 22.
- Kanner, Samuel, New York, N. Y. Fountain pen. 2,111,216; Mar. 15.
- Kanolt, Clarence W., Long Island City, N. Y. Stereoscopic picture. 2,140,702; Dec. 20.
- Kanovitz, Meyer J., Fall River, Mass. Garment. 2,136,974; Nov. 15.
- Kansas Milling Co. (See Feese, Glen V., assignor.)
- Kansas City Journal-Post Company. (See Fehrenbach, Daniel W., assignor.)
- Kansas City Smelting Company. (See Wattson, Robert K., assignor.)
- Kansas City Testing Laboratory. (See Cross, Roy and W. M., Jr., assignors.)
- Kansas City Testing Laboratory. (See Jones, Herbert E., assignor.)
- Kantola, Carl F. (See Lentz, W. L., and Kantola.)
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle filling apparatus. 2,118,436; May 24.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Packaging foods. 2,131,181; Sept. 27.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Crown rest for bottle crowning machines. 2,135,212; Nov. 1.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle filling and gassing machine. 2,140,187; Dec. 13.
- Kantor, James, and E. Marovitz, assignors to The Liquid Carbonic Corporation, Chicago, Ill. Filling valve seal. 2,112,199; Mar. 22.
- Kantrowitz, David. (See Galod, M., and Kantrowitz.)
- Kanty, Charles L., Rochester, N. Y. Display curtain. 2,110,934; Mar. 15.
- Kanz, Hans, Zurich-Albareden, Switzerland. Welding and brazing alloy. 2,114,781; Apr. 19.
- Kaparin, Otto A., Garfield, and S. Rappaport; said Rappaport, assignor to Fannie Rappaport, Passaic, N. J. Device for napkin dispensers, guest's announcers and advertising means. 2,124,963; July 26.
- Kapella Limited. (See Lee, Horace W., assignor.)
- Kapella Limited. (See Reason, Richard E., assignor.)
- Kapinas, Ruth M., assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn. Garment. 2,124,112; July 19.
- Kapinas, Ruth M., assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn. Garment. 2,132,033; Oct. 4.
- Kaplan, George B., assignor to Soapitor Company, Inc., New York, N. Y. Soap dispensing apparatus. 2,112,812; Mar. 29.
- Kaplan, Gustav. (See Kaplan, Morris L. and G.)
- Kaplan, Jacob, assignor to Ben-Burk, Inc., Boston, Mass. Manufacture of rock and rye. 2,104,304; Jan. 4.
- Kaplan, Julius, et al. (See Saftlas, Samuel, assignor.)
- Kaplan, Max, New York, and G. Rosenberg, New Rochelle, N. Y. Spring lock. 2,134,828; Nov. 1.
- Kaplan, Morris L., Hazleton, and G. Kaplan, Harrisburg, Pa., assignors, by mesne assignments, to Trubenizing Process Corporation, New York, N. Y. Collar. 2,118,408; May 24.
- Kaplan, Philip, Teaneck, assignor to The Richards Chemical Works, Incorporated, Jersey City, N. J. Soaking silk yarns. 2,135,081; Nov. 1.
- Kaplan, Robert, assignor to Filshie Lead Head Nail Company, Inc., Chicago, Ill. Capped nail. 2,140,749; Dec. 20.
- Kaplan, Samuel, assignor to Kastar Specialty Mfg. Co., Inc., New York, N. Y. Suction handle. 2,131,687; Sept. 27.
- Kaplan, Selig, et al. (See Saftlas, Samuel, assignor.)
- Kappelman, Donald G., Chicago, Ill. Gas valve. 2,131,740; Oct. 4.
- Kapsalis, Laura M., Tarpon Springs, Fla. Shade fixture. 2,121,700; June 21.
- Kapuller, Alexander F., Chicago, Ill. Change speed driving mechanism. 2,107,417; Feb. 8.
- Kapuller, Alexander F., assignor to Speed-O-Print Corporation, Chicago, Ill. Stencil duplicating machine. 2,112,338; Mar. 29.
- Kapuller, Alexander F., assignor to Allied Engineering Company, Chicago, Ill. Roller skate. 2,122,066; June 28.
- Karageorgieff, Cristoph, Vienna, Austria. Tapping and refill-controlling device. 2,104,080; Jan. 4.
- Karas, Stephen A., Forest Hills, N. Y. Securing concentrated food products from bananas. 2,118,405; May 24.
- Karasick, Samuel, Mount Vernon, N. Y. Electromagnetic device and circuits for operating the same. 2,138,864; Dec. 6.
- Kärcher, Alfred, Stuttgart-Cannstatt, assignor to the firm Deutsche Gold- und Silber-Scheideanstalt vormals Roesler, Frankfurt-on-the-Main, Germany. Immersion heater for baths. Re. 20,954; Dec. 27.
- Karcher, Louis E. (See Miguel, Joseph H., assignor.)
- Kardorff, Léon, Brussels, Belgium, assignor to Inventor Trust S. A., Luxembourg, Luxembourg. Impulse transmitter. 2,107,988; Feb. 8.
- Karelitz, George B., New York, N. Y. Governor. 2,137,659; Nov. 22.
- Karfiol, Edward, et al. (See Cohn, Adolph H., assignor.)
- Karfiol, Edward, New York, N. Y. Shelf edging. 2,107,669; Feb. 8.
- Karfiol, Edward, Great Neck, N. Y. Shelf edging. 2,116,315; May 3.
- Karfiol, Edward, Great Neck, N. Y. Moth snare. 2,138,926; Dec. 6.
- Karfiol, Edward, Great Neck, N. Y. Shelf edging. 2,141,606; Dec. 27.
- Karger, Milton M., Milwaukee, Wis. Packaging and dispensing fluent commodities. 2,131,325; Sept. 27.
- Karger, Rayna, Highland Park, Ill. Garter construction. 2,115,075; Apr. 26.
- Karibo, Edmond C. (See Pearce, E. S., and Karibo.)
- Karkoska, Stephen J., Cleveland, Ohio. Golf tee. 2,128,049; Aug. 23.
- Karl, Heinrich, Jersey City, N. J. Safety device for motor vehicles. 2,116,604; May 10.
- Karl, Heinrich, Jersey City, N. J. Device for holding films or the like. 2,122,171; July 5.
- Karl, Otto, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Electrode support. 2,121,597; June 21.
- Karlak, Peter, and A. O. Stone, Rutherford, N. J. Brake. 2,132,480; Oct. 11.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Stitching and trimming machine. 2,114,967; Apr. 19.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sprocket-driven belt. 2,117,611; May 17.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop forming and attaching device. 2,117,964; May 17.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rag making attachment for sewing machines. 2,128,484; Aug. 30.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Ribbon winder for sewing machines. 2,133,921; Oct. 15.



- Karlen, Louis W., Des Moines, Iowa. Device for fastening sheets. 2,120,149; June 7.
- Karlen, Louis W., assignor to Remington Rand Inc., Buffalo, N. Y. Multiple unit file. 2,126,471; Aug. 9.
- Karlen, Willis W., Vilas, S. Dak. Combination sheet fastener and backing sheet. 2,131,401; Sept. 27.
- Karige, Alfred L., Gothenburg, Sweden. Stake or stanchion for vehicles. 2,107,612; Feb. 8.
- Karlson, Erik O., Elmont, N. Y. Device for gauging the cutting of rafters. 2,107,670; Feb. 8.
- Karlstrom, Johan F. R., Bo, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,135,036; Nov. 1.
- Karmazin Engineering Company. (See Karmazin, John, assignor.)
- Karmazin, John, Huntington, Ind. Heat transfer device and making same. 2,111,534; Mar. 15.
- Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Refrigerating apparatus. 2,105,121; Jan. 11.
- Karmazin, John, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio. Grille construction. 2,119,134; May 31.
- Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Radiator manufacture. 2,133,990; Oct. 25.
- Karmazin, John, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,134,665; Oct. 25.
- Karnes, James C., Buffalo, N. Y., and G. J. Kessenich, Madison, Wis. Container. 2,106,748; Feb. 1.
- Karnes, James C., Buffalo, N. Y. Independent elevation indicator for guns. 2,116,519; May 10.
- Karnes, James C., Buffalo, N. Y. Acoustic device. 2,124,575; July 26.
- Karnes, James C., Buffalo, N. Y. Clinometer. 2,129,695; Sept. 13.
- Karnes, James C., Buffalo, N. Y. Position finding instrument. 2,138,035; Nov. 29.
- Karns, Charles B., Pittsburgh, Pa., assignor to Standard Oil Development Company. Oil for withstanding high bearing pressures and making the same. 2,121,151; June 21.
- Karns, George M., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and apparatus for producing artificial thread. 2,139,449; Dec. 6.
- Karns, Melvin E., Oakland, N. J., assignor to Radio Corporation of America. Combination radio-phonograph system. 2,111,592; Mar. 22.
- Karols, August, Leipzig, Germany, assignor to Radio Corporation of America. Television apparatus. 2,109,193; Feb. 22.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Television apparatus. 2,110,576; Mar. 8.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Picture transmission system. 2,129,738; Sept. 13.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Television system. 2,136,441; Nov. 15.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Television system. 2,136,442; Nov. 15.
- Karp, Jean. (See Swem, Gilbert S., assignor.)
- Karpen, S. & Bros. (See Duvall, W. A., and Van Derveer, assignors.)
- Karpen, S. & Bros. (See Owler, Thomas D., assignor.)
- Karpen, S. & Bros. (See Van Derveer, Clarence A., assignor.)
- Karr, Errol H., assignor to Yakima Valley Spray Company, Yakima, Wash. Liquid spreader and sticker. 2,109,961; Mar. 1.
- Karrakis, Donald. (See Lussie, William H., assignor.)
- Karrer, Sebastian. (See Betz, P. L., and Karrer.)
- Karst, Clarence E., assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio. Sound producing attachment for roller skates. 2,125,504; Aug. 2.
- Karst, Howard C., Hanover, Pa., assignor to Belden Manufacturing Company, Chicago, Ill. Attachment plug. 2,136,193; Nov. 8.
- Kartaschoff, Valentin, and F. Aeschlimann, assignors to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Treatment of direct dyestuffs. 2,132,074; Oct. 4.
- Karwat, Ernst. (See Lennings, W., and Karwat.)
- Karwat, Ernst, Grosshesselohe, near Munich, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, New York, N. Y. Removing carbides and other impurities from slags. 2,116,469; May 3.
- Kasanof, David R., et al., executors. (See Kasanof, Maurice M.)
- Kasanof, Maurice M., deceased, New York; by A. Kriegel, Rockaway, Long Island, N. Y., and D. R. Kasanof, Brookline, Mass., executors. Fabric treatment and apparatus therefor. 2,108,127; Feb. 15.
- Kasch, Charles H., Davenport, assignor, by mesne assignments, to Micro-Westco, Inc., Bettendorf, Iowa. Grinding machine. 2,110,441; Mar. 8.
- Kasdan, Nathan, New York, and R. F. Landwehr, Woodside, Long Island, assignors to Majestic Metal Specialties, Inc., New York, N. Y. Lipstick holder. 2,107,444; Feb. 8.
- Kasdorf, Otto, Montevideo, Uruguay. Paper receptacle. 2,113,481; Apr. 5.
- Kasdorf, Otto, Montevideo, Uruguay. Closable container. 2,126,116; Aug. 9.
- Kasdorf, Otto, Montevideo, Uruguay. Manufacture of containers made of paper and similar materials. 2,126,117; Aug. 9.
- Kaselhagen, Leo, assignor to Carnegie Institute of Technology of Pittsburgh, Pa., Pittsburgh, Pa. Production of high molecular weight phenolic substances from coal. 2,119,213; May 31.
- Kaselitz, Oscar, Berlin, Germany. Producing potassium nitrate from potassium sulphate and mixtures containing the same. 2,115,857; May 3.
- Kashiwagi, Kyosuke, Tokyo, Japan. Clinical thermometer. 2,109,825; Mar. 1.
- Kasin, Vincent A., Houston, Tex. Motor vehicle brake mechanism. 2,110,045; Mar. 1.
- Kaspar, Otto. (See Trefz, J. J., and Kaspar.)
- Kasperek, James J., Oak Park, Ill. Golf tee holder. 2,112,339; Mar. 29.
- Kasperet, Otto K., Philadelphia, Pa. Prism. 2,119,542; June 7.
- Kasperet, Otto K., Philadelphia, Pa. Prism. 2,119,543; June 7.
- Kasperet, Otto K., Philadelphia, Pa. Prism. 2,119,544; June 7.
- Kasperet, Otto K., Philadelphia, Pa. Prism. 2,119,545; June 7.
- Kasperowski, Ottomar, Munich, Germany. Commutator and like brushes. 2,125,027; July 26.
- Kass, Ernst, Bielefeld, Germany. Collar for personal wear. 2,110,525; Mar. 8.
- Kassner, Ernst E. W., London, England. Apparatus for generating and applying ultrashort electromagnetic waves. 2,109,843; Mar. 1.
- Kassner, Ernst E. W., assignor to Universal Inventions Limited, London, England. Electric lamp. 2,104,697; Jan. 4.
- Kastar Specialty Mfg. Co. (See Kaplan, Samuel, assignor.)
- Kastel, Karl, White Plains, assignor to Gutenstein Brothers, Inc., New York, N. Y. Container for cigarettes and other articles. 2,123,157; July 5.
- Kastenholz, Edward J. (See Danninger, F., and Kastenholz.)
- Kaster, Raymond C., assignor of one-fourth to L. J. Pearce, Olathe, and one-fourth to A. E. West, Merriam, Kans. Dump trailer. 2,131,326; Sept. 27.
- Kaster, Rudolph E., assignor to Henry Vogt Machine Co., Louisville, Ky. Spiral scraper for pipe type chillers. 2,117,175; May 10.
- Kastner, William, Irvington, N. J., assignor to Forstner Chain Corporation. Spring band construction. 2,115,022; Apr. 26.
- Katadyn Inc. (See Krause, George A., assignor.)
- Kataja, Niilo, Mount Vernon, N. Y. Knitting machine needle. 2,129,327; Sept. 6.
- Katcher, Morris, New York, N. Y. Driven member for friction clutches. 2,117,728; May 17.
- Kateley, Francis W., and E. G. Mathauer, Upper Darby, Pa., assignors to American Car and Foundry Motors Company, New York, N. Y. Heater and ventilator for vehicles. 2,130,686; Sept. 20.
- Kater, Joseph A., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Condenser. 2,129,008; Sept. 6.
- Kates, Hyman G., New York, N. Y. Removable slide fastener. 2,114,683; Apr. 19.
- Kato, Etsuro, Meguro-ku, Tokyo-shi, Japan. Fine spinning frame. 2,107,378; Feb. 8.
- Kato, Etsuro, Tokyo-shi, Japan. Draft apparatus for fine spinning frames. 2,114,226; Apr. 12.
- Kato, Kihachi, assignor of seven-tenths to G. Ishibashi, Tokyo, Japan. Muffler of internal combustion engines. 2,108,671; Feb. 15.
- Katterjohn, August H., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Automatic feed rock drills. 2,123,364; July 12.
- Kattermann, Emil D., assignor to Swiss Knitting Company, Dover, N. J. Garment. Re. 20,785; July 5.
- Kattermann, Emil D., assignor to Swiss Knitting Company, Dover, N. J. Connection between two edges of textile material. 2,122,526; July 5.
- Kattwinkel, Hans, Coswig, Germany. Flexible universal coupling. 2,123,307; July 12.
- Kattwinkel, Hans, Radebeul, Germany. Laminated disk clutch. 2,137,977; Nov. 22.
- Katz, Benjamin, Brooklyn, N. Y. Brooch. 2,112,779; Mar. 29.
- Katz, Benjamin S., assignor to The Gruen Watch Company, Cincinnati, Ohio. Watch display box. 2,119,787; June 7.
- Katz, Jack, New York, N. Y. Motion picture advertising machine. 2,130,428; Sept. 20.
- Katz, Morris, Bronx, N. Y. Tying cord. 2,118,847; May 31.
- Katz, Morris, Bronx, N. Y. Cellulosic cord and making the same. 2,128,302; Aug. 30.
- Katz, Sidney, Boston, Mass. Football card game. 2,106,846; Feb. 1.
- Katzberg, William J., Glen Ellyn, Ill., assignor to H. N. Anderson, Lakewood, Ohio. Coupling for tubes. 2,122,205; June 28.



- Katzinger, Arthur, Glencoe, assignor to The Edward Katzinger Company, Chicago, Ill. Centering pan set. 2,116,490; May 3.
- Katzinger, Edward, Company, The. (See Jackson, Joseph G., assignor.)
- Katzinger, Edward, Company, The. (See Katzinger, Arthur, assignor.)
- Katzinger, Edward, Company, The. (See Kollman, Jacob, assignor.)
- Katzinger, Edward, Company. (See Zimmer, Myron J., assignors.)
- Katzman, Morris B., Chicago, Ill. Tetraphosphoric acid esters. 2,128,946; Sept. 6.
- Katzman, Philip A. (See Doisy, E. A., and Katzman.)
- Kaufman, Elizabeth. (See Hird, Frank E., assignor.)
- Kaufman, Harold L., Warren, Pa. Treating oil-decolorizing clays. 2,118,310; May 24.
- Kaufman, Harold L., Warren, Pa., assignor of one-half to P. Bechtner, Chicago, Ill. Method of and substance for treating tobacco smoke. 2,108,860; Feb. 22.
- Kaufman, Jacob E., assignor of one-fourth to P. E. Cobden, and one-fourth to F. E. Newlin, Daytona Beach, Fla. Cuff fastener. 2,139,398; Dec. 6.
- Kaufman, Roy D., Washington, D. C. Crane. 2,139,960; Dec. 13.
- Kaufman, Saul, and G. G. Doss, Syracuse, N. Y. Marking apparatus. 2,130,188; Sept. 13.
- Kaufman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and wringer support connection. 2,107,539; Feb. 8.
- Kaufman, Walter L., 2d, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,120,521; June 14.
- Kaufman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,123,850; July 12.
- Kaufman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,123,851; July 12.
- Kaufman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,123,852; July 12.
- Kaufman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,124,069; July 19.
- Kaufmann, Aaron, Minier, Ill. Flue liner. 2,128,463; Aug. 30.
- Kaufmann, Hans O., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Bleaching fiber. 2,107,297; Feb. 8.
- Kaufman, Cecil D. (See McDonald, Raymond W., assignor.)
- Kaufman, Charles, Garfield Heights, assignor, by mesne assignments, to The National Machinery Company, Tiffin, Ohio. Machine for making blanks. 2,124,113; July 19.
- Kaufman, Charles A., assignor to Julius Kayser & Co., New York, N. Y. Hosiery and making the same. 2,139,755; Dec. 13.
- Kaufman, Frank M., Merion, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Apparatus and method for the manufacture of pile fabrics. 2,141,152; Dec. 20.
- Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Grease manufacture. 2,108,016; Feb. 8.
- Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Grease manufacture. 2,108,672; Feb. 15.
- Kaufman Gus, Beacon, N. Y., and R. F. Nelson, Nederland, Tex., assignors to The Texas Company, New York, N. Y. Lubricants. 2,114,843; Apr. 19.
- Kaufman, Joseph, New York, N. Y. Window guard. 2,140,015; Dec. 13.
- Kaufman, Walter F., assignor to Armstrong Cork Company, Lancaster, Pa. Closure and method of making closures. 2,133,298; Oct. 18.
- Kaufman, Young, New York, N. Y., and V. K. La Mer, Leonia, N. J.; said La Mer assignor to said Kaufman. Refrigerating composition. 2,136,385; Nov. 15.
- Kaufmann, Arthur. (See Westervelt, C., Storm, and Kaufmann.)
- Kaufmann, Arthur G., Associated, Calif., assignor, by mesne assignments, to Tide Water Associated Oil Company. Insecticidal emulsion. 2,114,125; Apr. 12.
- Kaufmann, Ary, South Orange, N. J., assignor to K. Kaufmann & Co., Inc. Curtain for wardrobe sections of luggage. 2,115,334; Apr. 26.
- Kaufmann, Frank H., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Device for warp leasing. 2,107,004; Feb. 1.
- Kaufmann, Hans, Munster, Germany. Manufacturing (1-phenyl-2,3-dimethyl-5-pyrazolonyl)-isopentyl-ketone. 2,109,445; Feb. 22.
- Kaufmann, Hans, Berlin-Charlottenburg, Germany. Transfer for applying designs to wood and other surfaces. 2,116,205; May 3.
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle frame for looms. 2,117,612; May 17.
- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Jacquard loom harness. 2,129,940; Sept. 13.
- Kaufmann, K., & Co. (See Kaufmann, Ary, assignor.)
- Kaufmann, K., & Co. (See Leven, Alvin L., assignor.)
- Kaufmann, Minnie S. (See Kaufmann, Raymond M., assignor.)
- Kaufmann, Raymond M., assignor to M. S. Kaufmann, Pittsburgh, Pa. Ice cream freezer. 2,117,332; May 17.
- Kaufmann, Richard E., New York, N. Y. Refrigerator tray. 2,112,027; Mar. 22.
- Kaul, Gustav A. E., Hackensack, N. J. Photograph frame. 2,126,558; Aug. 9.
- Kaul, Joseph L. (See Burgie, F. W., and Kaul.)
- Kauling, Louis C., Kew Gardens, N. Y. Piano. 2,134,192; Oct. 25.
- Kaupert, Joseph, Chicago, Ill. Turn signaling device for automobiles. 2,115,555; Apr. 26.
- Kauppi, Toivo A. (See Collings, W. R., and Kauppi.)
- Kautter, Wolfgang, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Stray compensation in tuned antennae. 2,109,536; Mar. 1.
- Kautter, Wolfgang, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wave meter. 2,140,016; Dec. 13.
- Kautz, Charles W., Jr., Lancaster, Pa. Electric plug or outlet. 2,123,422; July 12.
- Kavanaugh, Philip S. (See Lackstrom, J. W., and Kavanaugh.)
- Kavanaugh, Robert H., Brewer, Maine. Protection of bodies for sandblasting ornamentation. 2,106,979; Feb. 1.
- Kavanaugh, Robert H., Brewer, Maine. Sandblast ornamentation. 2,106,980; Feb. 1.
- Kavanaugh, Robert H., Brewer, Maine. Stencil for use in sandblasting. 2,106,981; Feb. 1.
- Kavle, Oscar C., Syracuse, N. Y. Apparatus for cutting or stamping articles from sheet material. 2,113,843; Apr. 12.
- Kawata, Matajiro, Denen Chofu, Omori-Ku, Tokyo, assignor to Kabushiki Kaisha Wakamoto Honpo Eiyo To Ikuji No Kai, Tokyo, Japan. Yeast nutrient containing liver oil and manufacturing the same. 2,120,410; June 14.
- Kawner Company, The. (See Plym, Francis J., assignor.)
- Kawner Company, The. (See Plym, F. J., and Hoffer, assignors.)
- Kay Brunner Steel Products, Inc. (See Kay, Lloyd D., assignor.)
- Kay Brunner Steel Products Inc. (See Low, John J., assignor.)
- Kay Displays, Inc. (See Baker, D. R., and Nordmark, assignors.)
- Kay & Ess Chemical Corporation, The. (See Kittredge, Harvey G., assignor.)
- Kay, Harry R. (See Tilton, Edward W., assignor.)
- Kay, Isadore B., Chicago, Ill. Garment construction. 2,128,303; Aug. 30.
- Kay, John. (See Demboski, L., and Kay.)
- Kay, Lloyd D., Alhambra, Calif., assignor to Kay Brunner Steel Products, Inc. Brake. 2,116,171; May 3.
- Kay Manufacturing Corporation. (See Krakauer, Abraham, assignor.)
- Kay, Walter, Bury, England, assignor to Kaysam Corporation of America, Dover, Del. Manufacture of rubber and rubber-like articles. 2,108,673; Feb. 15.
- Kay, Webster B., assignor to Standard Oil Company, Chicago, Ill. Manufacture of pour point depressors. 2,113,179; Apr. 5.
- Kayatt, Philip J., Yonkers, N. Y. Electric luminescent gas tube protective device. 2,118,437; May 24.
- Kayser, Julius, & Co. (See Kaufman, Charles A., assignor.)
- Kayson Corporation of America. (See Kay, Walter, assignor.)
- Kaywood Corporation. (See Sherwood, Glenn L., assignor.)
- Kazanlian, Souren, Woodside, Long Island, N. Y. Safety device and valve therefor. 2,106,606; Jan. 25.
- Keach, O. A. (See Le Comte, Frank H., assignor.)
- Keagy, E. J. W., et al. (See Hartman, Thomas L., assignor.)
- Keall, Oswald E., Chelmsford, England, assignor to Radio Corporation of America. Harmonic reduction circuits. 2,115,858; May 3.
- Kear, Frank G., Minersville, Pa., assignor to Washington Institute of Technology, Inc., Washington, D. C. Control system for radio beacons. 2,139,060; Dec. 6.
- Kear, Frank G., Minersville, Pa., G. L. Davies, Cleveland, Ohio, and W. H. Orton, assignors to Washington Institute of Technology, Inc., Washington, D. C. Radio communication system. 2,122,145; June 28.
- Kearfott Engineering Company. (See Kraemer, Waldo L., assignor.)
- Kearney, Daniel P., Detroit, Mich., assignor to Fellows Machine Company, Elmhurst, N. Y. Automatic starting mechanism. 2,125,379; Aug. 2.
- Kearney, James R., Corporation. (See Boothe, Eugene F., assignor.)
- Kearney, James R., Corporation. (See Crump, Lindell L., assignor.)
- Kearney, James R., Corporation. (See De Right, E. J., and Reeler, assignors.)
- Kearney, James R., Corporation. (See Dunaway, Ulrich C., assignor.)
- Kearney, James R., Corporation. (See Fox, Charles A., assignor.)
- Kearney, James R., Corporation. (See Froland, Olaf, assignor.)
- Kearney, James R., Corporation. (See Heinrich, Walter A., assignor.)
- Kearney, James R., Corporation. (See McKinley, F. J., and Goldner, assignors.)
- Kearney, James R., Corporation. (See Tallman, Oscar T., assignor.)



- Kearney, James R., Corporation. (See Tipsord, Melvin T., assignor.)
- Kearney, John J., assignor to The E. J. Manville Machine Company, Waterbury, Conn. Cut-off and transfer mechanism for metal swaging machines. 2,132,853; Oct. 11.
- Kearney, Lawrence J., assignor to General Motors Corporation, Detroit, Mich. Mounting for hinges or the like. 2,122,007; June 28.
- Kearney, Norman L., Buffalo, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Radiator core construction. 2,139,367; Dec. 6.
- Kearney & Trecker Corporation. (See Armitage, Joseph B., assignor.)
- Kearney & Trecker Corporation. (See Curtis, Frank W.)
- Kearney & Trecker Corporation. (See Parsons, F. A., and Pohl, assignors.)
- Kearney & Trecker Corporation. (See Pohl, W. M., and Armitage, assignors.)
- Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Timer. 2,123,052; July 5.
- Keating, Daniel A. (See Pease, M. H., and Keating.)
- Keating, Herbert S., North Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for combining strands. 2,114,496; Apr. 19.
- Keating, Maurice H., and A. T. Larson, Minneapolis, Minn., assignors to H. D. Hudson Manufacturing Company, Chicago, Ill. Burner. 2,123,365; July 12.
- Keaton, Clyde D., Long Island City, assignor to S. S. Tumbridge, New York, N. Y. Electric coffee maker. 2,117,729; May 17.
- Keaton, Frank H. (See Bettison, D. C., and Keaton.)
- Keator, Edward O., Dayton, Ohio. Vehicle wheel. 2,135,307; Nov. 1.
- Keck, Harrie A., Teaneck, and S. A. Hurst, Leonia, N. J., assignors to Lever Brothers Company, Cambridge, Mass. Can filling machine. 2,115,335; Apr. 26.
- Keckler, Charles W., Summit, and I. C. Osten-Sacken, Glen Ridge, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Message registration checking system. 2,118,247; May 24.
- Keddy, Russell A., and R. L. Allaire, Stamford, Conn. Plug cap. 2,141,790; Dec. 27.
- Keebler, Paul T., assignor to Elliott Company, Jeannette, Pa. Tube cleaner. 2,138,009; Nov. 29.
- Keefe, Lincoln M., Springfield, Mass. Key punch. 2,114,447; Apr. 19.
- Keefe, Lincoln M., Springfield, Mass. Record controlled machine. 2,120,071; June 7.
- Keefe, Lincoln M., Springfield, Mass., assignor to Remington Rand Inc., Buffalo, N. Y. Translator for record controlled machines. 2,122,206; June 28.
- Keefe, Lincoln M., Springfield, Mass., assignor to Remington Rand Inc., Buffalo, N. Y. Record controlled machine. 2,134,284; Oct. 25.
- Keefe, Thomas C., Boston, assignor to J. P. Eustis Manufacturing Company, Cambridge, Mass. Support for mirrors and like articles. 2,110,229; Mar. 8.
- Keefer, Harry P., assignor of fifty per cent to E. G. Axelrod, Alliance, Ohio. Garment clasp. 2,132,075; Oct. 4.
- Keefer, Walter L. (See Rosenberger, W. A., and Keefer.)
- Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,108,005; Feb. 8.
- Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,108,006; Feb. 8.
- Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,116,152; May 3.
- Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,116,153; May 3.
- Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,119,813; June 7.
- Keehnel, Nadine. (See Keehnel, Roy B., and N.)
- Keehnel, Roy B. and N., Independence, assignors of fifty per cent to B. B. Franklin, Kansas City, Mo. Finger ring ensemble. 2,117,176; May 10.
- Keele, Ralph M., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving apparatus. 2,115,076; Apr. 26.
- Keeler, Burrell A., Chicago, and W. W. Knight, Cicero, Ill. Lubricator for railway car journals. 2,138,971; Dec. 6.
- Keeler, Charles H., London, England. Ophthalmoscope. 2,111,187; Mar. 15.
- Keeler, Frank W., Flint, Mich. Garter. 2,129,092; Sept. 6.
- Keeler, Georgina G., Chicago, Ill. Coat and garment hanger. 2,110,158; Mar. 8.
- Keelmo Co. (See Siebert, John A., assignor.)
- Keen, Alexis W. (See Hazell, E., and Keen.)
- Keen, Harold H., Letchworth, England, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Subtracting device. 2,116,661; May 10.
- Keen, John S., Philadelphia, Pa. Locomotive engine exhaust. 2,112,534; Mar. 29.
- Keen, Thomas A., San Mateo, Calif., assignor to H. M. Smith, River Forest, Ill. Dog starting apparatus. 2,116,520; May 10.
- Keenan, Walter M., Fieldston, N. Y. Centrifugal ash separation. 2,109,234; Feb. 22.
- Keene, Alvin D., assignor to Samson-United Corporation, Rochester, N. Y. Electric heating pad. 2,122,650; July 5.
- Keene, Paul A., and A. P. Julien, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Production of dense soda ash. 2,133,455; Oct. 18.
- Keener, Martin M., Lancaster, Pa. Collapsible box. 2,113,349; Apr. 5.
- Keeney, Bert L., Princeton, Ky. Article handling device. 2,140,427; Dec. 13.
- Keep, Oliver H. (See Masino, R., and Keep.)
- Kees, Daniel, Beatrice, Nebr., assignor to F. D. Kees Manufacturing Company. Roller skate. 2,127,630; Aug. 23.
- Kees, F. D., Manufacturing Company. (See Kees, Daniel, assignor.)
- Keesee, Roland R., Prattville, Ark. Wiring device. 2,106,324; Jan. 25.
- Keeten, Thomas W., Glade, Kans. Tractor wheel lug chain. 2,136,975; Nov. 15.
- Keeton, Cecil G., Independence, Mo., assignor, by mesne assignments, to Danciger Oil & Refineries, Inc., Tulsa, Okla. Producing carbon black. 2,134,228; Oct. 25.
- Keevil, Henry W. (See Barnes, W. C., and Keevil.)
- Keவில், Cecil M., Hawthorn, Victoria, Australia. Window construction. 2,118,204; May 24.
- Kégresse, Adolphe, Paris, France. Motor vehicle with variable propulsion. 2,105,042; Jan. 11.
- Kégresse, Adolphe, Paris, France. Flexible mounting for carrying rollers or vehicles. 2,111,475; Mar. 15.
- Kégresse, Adolphe, Paris, France. Endless track for vehicles. 2,116,834; May 10.
- Kégresse, Adolphe, Paris, France. Flexible joint for machine parts. 2,116,835; May 10.
- Kégresse, Adolphe, Paris, France. Silencing device for endless track vehicles. 2,120,753; June 14.
- Kehl, Floyd V., Indianapolis, Ind. Off-center switch hook. Re. 20,737; May 24.
- Kehl, Frank L., Normandy, assignor to Federal Brilliant Company, St. Louis, Mo. Illuminated sign box. 2,109,643; Mar. 1.
- Kehl, Frank L., assignor to Federal Brilliant Company, St. Louis, Mo. Illuminated sign. 2,113,026; Apr. 5.
- Kehl, Robert J., Bayside, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding and cutting apparatus. 2,116,352; May 3.
- Kehle, Ottmar A., assignor to Sterling Products Company, Detroit, Mich. Rubbing machine. 2,113,694; Apr. 12.
- Kehle, Ottmar A., assignor to Sterling Products Company, Detroit, Mich. Rubbing machine. 2,123,426; July 12.
- Kehlen, Hans. (See Zitscher, A., and Kehlen.)
- Kehoe, Basil T. (See Hollister, S. C., Trainer, and Kehoe.)
- Kehoe, Richard D., Pelham, assignor to Paper & Industrial Appliances, Inc., New York, N. Y. Hydraulic beating apparatus. 2,125,298; Aug. 2.
- Kehr, Gustav H., and F. J. Ertel, assignors to C. H. Uhlig, Brooklyn, N. Y. Structural support. 2,123,366; July 12.
- Kehrer, Eddie R. (See Schley, T. E., Chenall, and Kehrer.)
- Keidel, Frank, assignor to The International Seal and Knot Protector Co., New York, N. Y. Seal. 2,140,320; Dec. 13.
- Keiding, Andrew. (See Huff, E., and Keiding.)
- Keighley, Lloyd M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,116,974; May 10.
- Keil, Francis, & Son, Inc. (See Brantingson, Sigurd, assignor.)
- Keil, Francis, & Son, Inc. (See Schoorel, A., and Keil, assignors.)
- Keil, Havard L., assignor to Armour and Company, Chicago, Ill. Preparing thymonucleic acids. 2,122,651; July 5.
- Keil, Havard L., assignor to Armour and Company, Chicago, Ill. Preparing liver extracts. 2,125,844; Aug. 2.
- Keil, Henry F. (See Schoorel, A., and Keil.)
- Keil, Otto G., assignor to Gulf Engineers Inc., Houston, Tex. Screen. 2,115,110; Apr. 26.
- Keinath, Georg, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Hydraulic governor. 2,118,248; May 24.
- Keinath, Georg, Berlin-Charlottenburg, and L. Merz, Berlin-Haselhorst, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Instrument for testing or utilizing very high voltages. 2,127,364; Aug. 16.
- Keiser, Bernhard. (See De Groote, M., and Keiser.)
- Keiser, Bernhard. (See De Groote, M., Keiser, Faure, and Wirtel, assignors.)
- Keitel, Christian W., West Orange, and T. J. Walsh, assignors to Baker & Co., Inc., Newark, N. J. Catalyst composition and making same. 2,123,732; July 12.
- Keith, Fay E., Western Springs, and C. F. Lindstrom, Chicago, Ill., assignors to General Electric Company. Furnace. 2,131,591; Sept. 27.
- Keith, Irving L., Haverhill, Mass. Cementing machine. 2,108,674; Feb. 15.
- Keith, James V. (See Schmidt, Herbert A., assignor.)



- Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,126,472; Aug. 9.
- Keith, Percival C., Jr., Peapack, N. J., assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbons to remove sulphur compounds. 2,134,518; Oct. 25.
- Keith, Percy C., Jr., Peapack, assignor to Gasoline Products Company, Incorporated, Newark, N. J. Cracking oils in vapor phase. 2,115,144; Apr. 26.
- Keith, Percy C., Jr., Peapack, assignor to Gasoline Products Company, Inc., Newark, N. J. Cracking oils in vapor phase. 2,119,391; May 31.
- Keith, Raymond L., De Land, Fla. Sharpening jig. 2,131,626; Sept. 27.
- Keith, Virgil, Fort Worth, assignor to J. A. Somerville, Dallas, Tex. Top icing loaded refrigerator cars and the like. 2,136,214; Nov. 8.
- Kelch Heater Company. (See Caldwell, Stuart H., assignor.)
- Kelch Heater Company. (See Girl, Christian, assignor.)
- Kelco Company. (See Kleerup, Alex, assignor.)
- Kellet, Georg. (See Szilard, Adalbert, and Keleti.)
- Kell, Kornel, Dortmund, Germany. Production of bitumen. 2,117,177; May 10.
- Kell, Ray D. (See Bedford, A. V., and Kell.)
- Kell, Waldo R., assignor to The Marley Company, Kansas City, Mo. Water eliminator for cooling towers. 2,128,678; Aug. 30.
- Kellar, Fred A., Stockton, Calif. Booster drive for truck trailers. 2,140,109; Dec. 13.
- Kelleher, Thomas J., Chicago, Ill. Bending brake. 2,132,569; Oct. 11.
- Keller, Andreas R., Lombard, Ill. Agitator for mash tanks. 2,106,529; Jan. 25.
- Keller, Arthur C., Mount Vernon, and I. S. Rafuse, Hempstead, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording and reproducing system. 2,114,471; Apr. 19.
- Keller, Charles L., Cincinnati, Ohio, assignor to The Richardson Company. Lined or composite battery box and the like. 2,119,278; May 31.
- Keller, Charles L., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Construction of storage battery containers. 2,141,791; Dec. 27.
- Keller, Clarence J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Making tubular articles. 2,126,473; Aug. 9.
- Keller, Curt, assignor to Aktiengesellschaft fuer Technische Studien, Zurich, Switzerland. High temperature gas heater. 2,119,817; June 7.
- Keller, Curt, assignor to Aktiengesellschaft fuer Technische Studien, Zurich, Switzerland. Variable-speed power transmission device. 2,137,139; Nov. 15.
- Keller, E. M., et al. (See Johnston, Clarence S., assignor.)
- Keller, Edward L., Pittsburgh, Pa. Demand meter unit for watt-hour meters. 2,120,311; June 14.
- Keller, Ferdinand, and W. Koch, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Solid diazonium salt. 2,129,136; Sept. 6.
- Keller, Fred. (See Nock, J. A., Jr., and Keller.)
- Keller, Fred, and C. M. Hastings, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Electrolytic condenser. 2,106,178; Jan. 25.
- Keller, Harry H., Ventnor, N. J., assignor to Bitting, Incorporated, New York, N. Y. Attaching wall panel units together. 2,107,418; Feb. 8.
- Keller, Harry H., Ventnor, N. J., assignor to Bitting, Incorporated, New York, N. Y. Building construction. 2,138,927; Dec. 6.
- Keller, James L., Ferndale, Mich. Clamping device. 2,140,632; Dec. 20.
- Keller, Joseph, Bronx, N. Y. Cigarette package. 2,107,826; Feb. 8.
- Keller, Joseph R., assignor to The Black Rock Mfg. Company, Bridgeport, Conn. Roller polishing machine. 2,119,862; June 7.
- Keller, Karl. (See Münz, F., Keller, and Trüsken.)
- Keller, Paul. (See Colle, Benjamin F., assignor.)
- Keller, Rex E., Beverly Hills, Calif. Automatic transmission. (See Rack, M., and Keller.)
- Keller, William H., Inc. (See Shaff, Ernest H., assignor.)
- Kellermann, Willy. (See Gluth, R., and Kellermann.)
- Kellet Autogiro Corporation. (See Du Pont, Mark S., assignor.)
- Kellet Autogiro Corporation. (See Young, Charles D., assignor.)
- Kellet, William P. (See Kellett, William P., Jr., as assignor.)
- Kellett, William P., New York, N. Y. Apparatus for transferring containers. 2,123,424; July 12.
- Kellett, William P., New York, N. Y. Shockproof removable container car. 2,128,364; Aug. 30.
- Kellett, William P., Jr., New York, assignor to W. P. Kellett, Bronxville, N. Y. Brake equipment for articulated cars. 2,123,423; July 12.
- Kellett, William R., Menasha, assignor to Paper Patents Company, Neenah, Wis. Forming paper webs. 2,134,408; Oct. 25.
- Kelley, Theodore, Yonkers, N. Y. Propeller. 2,134,921; Nov. 1.
- Kelley, Allie H., Jr., Memphis, Tenn., assignor to Inter-type Corporation, Brooklyn, N. Y. Vice for typographical machines. 2,139,638; Dec. 6.
- Kelley, B. F. (See O'Donnell, Edward P., assignor.)
- Kelley, George S., Mount Vernon, N. Y. Load handling machine. 2,126,118; Aug. 9.
- Kelley, Harlan L. (See Tomlinson, Fred E., assignor.)
- Kelley, Isaac D., Jr., St. Louis, Mo. Atomizer. 2,125,573; Aug. 2.
- Kelley, James B., and W. P. Schmitter, assignors to The Falk Corporation, Milwaukee, Wis. Coupling. 2,137,964; Nov. 22.
- Kelley, John E., Larchmont, N. Y. Drier for hair and skin. 2,127,121; Aug. 16.
- Kelley-Koett Manufacturing Company, The. (See Graves, Edward B., assignor.)
- Kelley-Koett Manufacturing Company. (See Kotraschek, L. C., and Brunst, assignors.)
- Kelley-Koett Manufacturing Company. (See Lee, William M., assignor.)
- Kelley-Koett Manufacturing Company, The. (See Mowry, William W., assignor.)
- Kelley, Oliver K., assignor, by mesne assignments, to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Throttle and transmission interlock. 2,106,607; Jan. 25.
- Kelley, Oliver K., assignor, by mesne assignments, to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Power shift transmission. 2,106,608; Jan. 25.
- Kelley, Oliver K., assignor to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Clutch operating mechanism. 2,133,053; Oct. 11.
- Kelley, Shawl J., Baltimore, Md., assignor to Pylodyne Corporation, Chicago, Ill. Starting device for race tracks. 2,127,221; Aug. 16.
- Kelley, Thomas L., Bakersfield, Calif. Vegetable sprayer. 2,123,425; July 12.
- Kelley, Walter T., Paducah, Ky. Double boiler. 2,131,287; Sept. 27.
- Kellie, Llewellyn T., Toronto, Ontario, Canada. Sheet material handling device. 2,113,655; Apr. 12.
- Kelling, Alfred H., Oak Park, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of starch. 2,105,217; Jan. 11.
- Kelling, Alfred H., Oak Park, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of starch. 2,114,497; Apr. 19.
- Kelling, Alfred H., Oak Park, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of starch. 2,115,170; Apr. 26.
- Kelling, Alfred H., Oak Park, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of starch. 2,115,171; Apr. 26.
- Kelling, Alfred H., Oak Park, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of starch. 2,124,779; July 26.
- Kelling, Alfred H., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Manufacture of starch. 2,133,543; Oct. 18.
- Kellner, Georg, Tabarz, Thuringia, Germany, assignor to Walter Lines, London, England. Constructional toy. 2,106,148; Jan. 18.
- Kellogg Company. (See McKay, Eugene H., assignor.)
- Kellogg Compressor and Manufacturing Corporation. (See Browne, Lindsay H., assignor.)
- Kellogg Corset Company. (See Greenfield, William R., assignor.)
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Recording and reproduction of sound. 2,122,207; June 28.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Nonslip film printer. 2,133,820; Oct. 18.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Recording of sound. 2,139,235; Dec. 6.
- Kellogg, Glenn E., Des Moines, Iowa. Certificate holder. 2,110,768; Mar. 8.
- Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Windshield construction. 2,122,321; June 28.
- Kellogg, Leroy D., Deerfield, assignor to Kellogg Switchboard and Supply Company, Chicago 10. Reorganizing system. 2,121,083; June 21.
- Kellogg, M. W., Co., The. (See Hopkins, Robert K., assignor.)
- Kellogg, M. W., Co., The. (See Kugel, Frederick G., assignor.)
- Kellogg, M. W., Co., The. (See Wilson, D. W., Chute, and Hopkins, assignors.)
- Kellogg, Ralph S., Royal Oak, assignor to Packard Motor Car Company, Detroit, Mich. Vehicle wheel. 2,136,137; Nov. 8.
- Kellogg, Ralph S., Royal Oak, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,138,104; Nov. 20.
- Kellogg Switchboard and Supply Company. (See Kellogg, Leroy D., assignor.)
- Kellogg Switchboard and Supply Company. (See Miller, Carl M., assignor.)
- Kellogg Switchboard and Supply Company. (See Packard, Albert, assignor.)



- Kells, Benjamin F., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Cover for rectangular curved-top articles. 2,131,182; Sept. 27.
- Kellum, Orlando E., Moreno, Calif. Checking and recording egg production of hens. 2,108,287; Feb. 15.
- Kelly, Andrew J., Richmond, Va. Convertible coaster wagon and sled. 2,106,530; Jan. 25.
- Kelly, Benjamin W. (See Blee, W. B., and Kelly.)
- Kelly, Bernard A. I., London, England, assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Carbon transfer set. 2,135,345; Nov. 1.
- Kelly, Carlos A. F., Buenos Aires, Argentina. Discharge cistern for water closets and the like. 2,123,782; July 12.
- Kelly, Edward A., Indianapolis, Ind. Multiple payment coupon book. 2,108,314; Feb. 15.
- Kelly, Francis L., Glendale, Calif. Button snap. 2,129,356; Sept. 6.
- Kelly, Frederick G., Jr., Hamden, assignor to American Teletector Corporation, New Haven, Conn. Detector system. 2,103,202; Feb. 15.
- Kelly, Harold J., Des Moines, Iowa. Husking hook. 2,129,218; Sept. 6.
- Kelly, Hugh, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Snap action mechanism. 2,116,605; May 10.
- Kelly, John H., Jr., Chicago, Ill. Synthetic resin. 2,123,605; July 12.
- Kelly, John H., Jr., Chicago, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Rubber derivative compositions. 2,130,368; Dec. 6.
- Kelly, John L., Los Angeles, Calif. Machine for preparing tires for retreading. 2,130,627; Sept. 20.
- Kelly, Joseph F., assignor to Kelly Oil Sales Corporation, Arlington, Mass. Boiler. 2,104,229; Jan. 4.
- Kelly, Leo J., Hornell, N. Y. Powder dispenser. 2,141,815; Dec. 27.
- Kelly, Martin H., Chatcolet, Idaho. Amusement device. 2,135,082; Nov. 1.
- Kelly Oil Sales Corporation. (See Kelly, Joseph F., assignor.)
- Kelly, Patrick J., New Bedford, Mass. Window sash fastener. 2,130,465; Sept. 20.
- Kelly, Thomas D., Wallington, England. Electric furnace for melting and refining metals and other materials. 2,112,161; Mar. 22.
- Kelly, Vaughn. (See Clizbe, F. O., and Kelly.)
- Kelly, William H., assignor to Emmons Loom Harness Company, Lawrence, Mass. Heddle frame. 2,113,154; Apr. 5.
- Kelsay, LeRoy W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable terminal. 2,126,891; Aug. 16.
- Kelsey-Hayes Wheel Company. (See Ash, Charles S., assignor.)
- Kelsey-Hayes Wheel Company. (See Batie, Joseph E., assignor.)
- Kelsey-Hayes Wheel Company. (See Ellis, Emmett S., assignor.)
- Kelsey-Hayes Wheel Company. (See Le Jeune, Frank H., assignor.)
- Kelsey-Hayes Wheel Company. (See Le Jeune, F. H., and Copeland, assignors.)
- Kelsey-Hayes Wheel Company. (See MacLennan, John, assignor.)
- Kelsey-Hayes Wheel Company. (See Main, Frank L., assignor.)
- Kelsey-Hayes Wheel Company. (See Main, F. L., and Sawtelle, assignors.)
- Kelsey-Hayes Wheel Company. (See Sawtelle, Charles A., assignor.)
- Kelsey-Hayes Wheel Company. (See Sinclair, Charles W., assignor.)
- Kelsey-Hayes Wheel Company. (See White, John W., assignor.)
- Kelso, Ralph S., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,132,791; Oct. 11.
- Kelso, Robert. (See Coggans, J., and Kelso.)
- Keltner, Amos L., Hutchinson, Kans. Connecting device. 2,123,783; July 12.
- Kelton, Ralph T., Watertown, Mass. Aerial mail exchange. 2,141,536; Dec. 27.
- Kemble, Michael, et al. (See Jacobs, M. V., and Bird, assignors.)
- Kemet Laboratories Company. (See Malloy, Paul V., assignor.)
- Kemmer, Frank R., Larchmont, N. Y., assignor to Magnesium Products, Inc., Pittsburgh, Pa. Method of and apparatus for vaporization. 2,130,886; Sept. 20.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,107,679; Feb. 8.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Communication system for railway yards. 2,115,583; Apr. 26.
- Kemp, Archibald, Maplewood; H. Winckler, Bloomfield; and W. C. Walton, West Orange, N. J. Fumigating or deodorizing device. 2,127,975; Aug. 23.
- Kemp Bros. Packing Co. (See Miller, Pearl L., assignor.)
- Kemp, Clayton, Merchantville, assignor, by mesne assignments, to Kieckhefer Container Company, Delair, N. J. Box making machine. 2,113,052; Apr. 5.
- Kemp, Jabez P., Baltimore, Md. Refrigeration apparatus. 2,104,260; Jan. 4.
- Kemp, Lebbeus C., Jr. (See Kuhn, W. E., and Kemp, assignors.)
- Kemp, Milton H. (See Kemp, Robert J. and M. H.)
- Kemp, Robert J., Chicago, and M. H. Kemp, Oak Park, Ill. Glare screen. 2,112,726; Mar. 29.
- Kemp, Vivian F., London, England. Bust support. 2,104,867; Jan. 11.
- Kemp, William E., Detroit, Mich. Roll screen structure. 2,107,755; Feb. 8.
- Kemp, William E., Detroit, Mich. Roller screen construction and method. 2,138,105; Nov. 29.
- Kemp, William E., Detroit, Mich., assignor to Pierce Governor Company, Anderson, Ind. Governor mechanism. 2,127,521; Aug. 23.
- Kemp, William E., Detroit, Mich., assignor to Pierce Governor Company, Anderson, Ind. Governor mechanism. 2,140,529; Dec. 20.
- Kemp, William E., Orlando, Fla., assignor to Pierce Governor Company, Andersen, Ind. Governor mechanism. 2,140,530; Dec. 20.
- Kemp, William J., Deptford, assignor to Molins Machine Company, Limited, London, England. Wrapping or packing machine. 2,107,482; Feb. 8.
- Kemper, Calvin A., Chicago, Ill. Form spacer. 2,110,300; Mar. 8.
- Kempton, John G., Chicago, Ill. Film reel band. 2,141,109; Dec. 20.
- Kempton, Edward S., Gastonia, N. C. Ring traveler for spinning machines. 2,116,071; May 3.
- Kenan, William R., Jr. (See Lee, Burgess A., assignor.)
- Kendall, Burton W., East Orange, and D. Mitchell, Bound Brook, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Privacy system. 2,107,756; Feb. 8.
- Kendall Company, The. (See Eustis, Warner, assignor.)
- Kendall Company, The. (See Reed, Raymond E., assignor.)
- Kendall Company, The. (See Sayers, Ruth L., assignor.)
- Kendall Dog Food Company. (See Kruger, E., and Kendall, assignors.)
- Kendall, Genevieve A. (See Kendall, Ira H., assignor.)
- Kendall, Harry B., North Adams, Mass. Poultry-picking frame. 2,110,442; Mar. 8.
- Kendall, Horace C., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Automatic sprinkler and deflector therefor. 2,135,138; Nov. 1.
- Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Mechanism for receiving and dumping milk. 2,116,865; May 10.
- Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Can turning machine. 2,129,137; Sept. 6.
- Kendall, James M., Tulsa, Okla., assignor to Radio Corporation of America. Electromagnetic translating device. 2,118,608; May 24.
- Kendall, John D., assignor to Ilford Limited, Ilford, Essex, England. Manufacture of substituted malonic esters. 2,112,162; Mar. 22.
- Kendall, Marcus T., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Refining of mineral oils. 2,109,446; Feb. 22.
- Kendall Refining Company. (See Hulme, Richard E., assignor.)
- Kendall, Walter M. (See Kruger, E., and Kendall.)
- Kendall, William J., Lansing, Ontario, Canada. Shaving device. 2,104,929; Jan. 11.
- Kende, George. (See Githens, O. W., Kende, and Porter.)
- Kendrick, Arthur B., East Orange, N. J., assignor to James R. Kendrick Co., Inc., Philadelphia, Pa. Surgical appliance. 2,109,134; Feb. 22.
- Kendrick, James R., Co. (See Kendrick, Arthur B., assignor.)
- Kenigsberg, Alexander H., Chicago, Ill. Interchangeable gaseous luminous sign. 2,140,703; Dec. 20.
- Kenlea Manufacturing Corp. (See Lea, Harry K., assignor.)
- Kenmar Manufacturing Company. (See Olschlager, H. L., and Ellis, assignors.)
- Kennary, James S., Detroit, Mich. Looping attachment for looms. 2,112,912; Apr. 5.
- Kennecott Copper Corporation. (See Larson, L., and Kinnear, assignors.)
- Kennecott Copper Corporation. (See Sullivan, J. D., and Niconoff, assignors.)
- Kennedy, Benjamin H., Rochester, N. Y. Filing device. 2,111,932; Mar. 22.
- Kennedy, Bert, Johnstown, N. Y. Glove. 2,113,731; Apr. 12.
- Kennedy Car Liner & Bag Co., The. (See Hanson, Harry M., assignor.)
- Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Ball bearing motor. 2,126,963; Aug. 16.
- Kennedy, Clarence E., Pampa, Tex. Garment hanger. 2,127,870; Aug. 23.
- Kennedy, Donald S., Longparish, England. Girdle for twin-tired wheels. 2,130,277; Sept. 13.
- Kennedy, Ernest C., Houston, Tex. Electric switch. 2,119,080; May 31.
- Kennedy, Freeman W., Montclair, N. J., assignor to Malleable Iron Fittings Company, Branford, Conn. Highway guard fixture. 2,123,051; July 5.



- Kennedy, Harvey T., Forest Hills, and B. W. Wescott, Oakmont, Pa., assignors to Gulf Research & Development Company. Treatment of wells. 2,104,488; Jan. 4.
- Kennedy, Henry L., Arlington, and J. G. Mark, Cambridge, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Grinding of cement clinker. 2,141,571; Dec. 27.
- Kennedy, James H., Lansdowne, assignor to Morgan Concentrating Corporation, Philadelphia, Pa. Leveling skid. 2,117,026; May 10.
- Kennedy, James W., W. P. Ramsey, and M. W. Lee, Oklaunion, assignors of one-fourth to said Kennedy, one-fourth to said Ramsey, one-fourth to Lee and Morris, and one-fourth to M. K. Berry, Vernon, Tex. Two-row lister furrow blocker. 2,117,669; May 17.
- Kennedy, John J., assignor to Chamberlain Co., Inc., Los Angeles, Calif. Cleaning and polishing block. 2,108,405; Feb. 15.
- Kennedy, Joseph E., New York, and A. Hesse, Hollis, N. Y., assignors, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Transporting material. 2,115,023; Apr. 26.
- Kennedy, Leo M., et al. (See Mimeo, Frederick W., assignor.)
- Kennedy, Lesley, Lake Forest, and A. Beyer, Chicago, Ill., assignors to Detex Watchclock Corporation, New York, N. Y. Watchman's recording system. 2,119,637; June 7.
- Kennedy, Mabry D., and J. G. Johnson, Orlando, Fla. Fruit and vegetable treating machine. 2,138,174; Nov. 29.
- Kennedy, Oscar D. (See Shipton, E., and Kennedy.)
- Kennedy, Richard R., Dayton, Ohio. Cadmium alloy solders. 2,140,531; Dec. 20.
- Kennedy, William H., assignor, by mesne assignments, to G. J. Embleton, Chicago, Ill. Pipe or hose coupling. 2,111,859; Mar. 22.
- Kennedy, William J., New York, N. Y. Turnstile. 2,109,354; Feb. 22.
- Kennedy, William J., Hollis, N. Y. Coin-control mechanism. 2,113,430; Apr. 5.
- Kennedy, Woodford A., Charlotte, N. C. Registering apparatus for machines. 2,106,005; Jan. 18.
- Kennelly, Jeremiah D., Oak Park, Ill. Lamp structure. 2,132,302; Oct. 4.
- Kenneweg, Christian H., Millvale, Pa. Valve. 2,133,200; Oct. 11.
- Kenney, Edmund J., North Plainfield, N. J. Hose nozzle. 2,141,868; Dec. 27.
- Kennedy, John A., Plainfield, N. J., assignor to The Barrett Company, New York, N. Y. Laminated sheet and making same. 2,104,081; Jan. 4.
- Kenney, Thomas, Robinson, assignor of one-fourth to S. S. Lee, Kenilworth, and I. J. Wilson, Winnetka, Ill. Cracking petroleum oils. 2,105,191; Jan. 11.
- Kennison, Frank, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Safety device. 2,104,042; Jan. 4.
- Kennison, Frank, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to shoe bottoms. 2,105,601; Jan. 18.
- Kennon, Louis H., Houston, Tex. Valve. 2,107,200; Feb. 1.
- Kenny, William F., Company, The. (See Holby, Frank A., assignor.)
- Ken-Rad Tube and Lamp Corporation, The. (See Mahoney, Charles H., assignor.)
- Kent, Everett E., et al. (See Estes, Joseph H., assignor.)
- Kent, Everett E., et al. (See Neal, John B., assignor.)
- Kent, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Spinning unit. 2,127,921; Aug. 23.
- Kent, Frederick W., Minneapolis, Minn., assignor to Superior Locker Company, Chicago, Ill. Parcel supporting device. 2,110,128; Mar. 8.
- Kent, James W., Brooklyn, and E. P. Peters, Richmond Hill, N. Y., assignors to Kent Machine Works, Inc. Roller mill. 2,105,192; Jan. 11.
- Kent, John R., Stockton, Calif. Can spout and metering unit. 2,1245,980; July 26.
- Kent Machine Works, Inc. (See Kent, J. W., and Peters, assignors.)
- Kent, Milton A., Larchmont, N. Y., assignor, by mesne assignments, to Electric Garages, Inc. Storage for motor cars. 2,113,986; Apr. 12.
- Kent-Owens Machine Company. (See Tremblay, Albert F., assignor.)
- Kenworth Motor Truck Corporation. (See Mallett, Lloyd A., assignor.)
- Kenyon, Cecil T., Wilmerding, Pa. Aeroplane control mechanism. 2,108,861; Feb. 22.
- Kenyon, Theodore W., Huntington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Pneumatic positional remote control. 2,126,892; Aug. 16.
- Keough, Zachariah E., Mansfield, Ohio. Safety landing device for airplanes. 2,137,672; Nov. 22.
- Kepper, Raymond J., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Galvanizing flux. 2,106,982; Feb. 1.
- Kepper, Raymond J., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flux for galvanizing. 2,123,919; July 19.
- Kepper, Raymond J., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Zinc ammonium chloride fluxes. 2,127,564; Aug. 23.
- Kepler, William R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Stand for tanks. 2,136,443; Nov. 15.
- Kepner, Robert C. (See Johnson, W. V., and Kepner.)
- Kepper, Henry, Voorburg, Netherlands, assignor to The Dorr Company, Inc., New York, N. Y. Thickening, stirring, or agitating apparatus. 2,122,287; June 28.
- Kepler, Helmut. (See Hentrich, W., Kepler, and Holsten.)
- Kepler, Roland F., Hope, and S. M. Mackey, Belvidere, N. J. Bag opening device. 2,124,780; July 26.
- Kerber, Frank J. (See Brosseau, J. E., and Kerber.)
- Kerby, Charles C., Decatur, Ill. Stoker. 2,115,464; Apr. 26.
- Kercher, Arthur J., Berkeley, Calif. Electrical thermostat. 2,116,836; May 10.
- Kercher, Arthur J., Berkeley, Calif. Electrical switch. 2,129,773; Sept. 13.
- Kercher, Martin T., La Fayette, Ind. Sliding top for trucks. 2,140,960; Dec. 20.
- Kerfoot, Branch P., et al. (See Grant, Albert E., assignor.)
- Kerk Guild, Inc. (See Hokerk, Lynde D., assignor.)
- Kerlow Steel Flooring Co. (See Tarof, Ernest L., assignor.)
- Kern, Emil, assignor to Acco Products, Inc., Long Island City, N. Y. Filing device. 2,136,168; Nov. 8.
- Kern, Emil, Long Island City, N. Y., assignor to Acco Products, Inc. Fastener. 2,141,792; Dec. 27.
- Kern, Frank J., Brooklyn, N. Y. Knitting machine. 2,135,083; Nov. 1.
- Kern, Frank J., Brooklyn, N. Y. Single and double cast-off knitting machine. 2,139,756; Dec. 13.
- Kern, Jean G., Hamburg, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Diazo-amino compounds and their manufacture. 2,122,424; July 5.
- Kern, Josef, Berlin, and H. Krefft, Berlin-Friedrichshagen, Germany, assignors to General Electric Company. Electric gaseous discharge lamp. 2,116,702; May 10.
- Kern, Lillian M., Portland, Maine, assignor, by mesne assignments, to Sidney H. Rabinowitz, Brookline, Mass. Sausage and preparing same. 2,136,106; Nov. 8.
- Kern, Rudolf, Oschatz, Germany, assignor to the firm Chemische Fabrik R. Baumheier Kommanditgesellschaft Oschatz-Zschollau. Coloring and water-proofing textile material. 2,122,100; June 28.
- Kern, Rudolf, Oschatz, assignor to firm Chemische Fabrik R. Baumheier Kommanditgesellschaft, Oschatz-Zschollau, Germany. Sulpho acids and process of manufacture. 2,125,072; July 26.
- Kern, Walter, Sissach, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Hydroxy-sulphonic acids. 2,134,446; Oct. 25.
- Kern, Wilhelm, assignor to the firm of Carl Zeiss, Jena, Germany. Stereophotogrammetric plotting apparatus. 2,136,081; Nov. 8.
- Kern, William, Ridgefield Park, N. J. Cold storage cabinet. 2,119,332; May 31.
- Kernahan, Martin P., assignor to The Canister Company, Phillipsburg, N. J. Lock-top container. 2,122,746; July 5.
- Kerner Incinerator Co. (See Nicol, Herbert E., assignor.)
- Kerngood, Allen H., Baltimore, Md., assignor to Alma Manufacturing Company. Buckle and slide fastener. 2,119,469; May 31.
- Kernin, Alfred G., Mosinee, Wis., assignor, by mesne assignments, of sixty per cent to The Babcock & Wilcox Company, New York, N. Y., and forty per cent to Canada Paper Co., Montreal, Quebec, Canada. Recovering heat and chemicals from waste liquors. 2,138,278; Nov. 29.
- Kerns, Frank W., Berkeley, and W. Egbert, Knights Landing, Calif. Apparatus for removing solids from fluids. 2,119,013; May 31.
- Kerns, John T., Omaha, Nebr. Vibrating machine. 2,133,862; Oct. 18.
- Kerns, William J. (See Goodloe, A. M., and Kerns.)
- Kerotest Manufacturing Company. (See Forbes, John S., assignor.)
- Kerotest Manufacturing Company. (See Lamar, Harry H., assignor.)
- Kerr, Charles E. (See Thompson, A. R., and Kerr.)
- Kerr, Charles P., Washington, D. C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. High pressure heat exchanger. 2,133,249; Oct. 11.
- Kerr, Henry H., Jr., assignor to Bendly Aviation Corporation, South Bend, Ind. Hydraulic Bowden control. 2,100,114; Feb. 22.
- Kerr, Henry H., Toledo, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,134,360; Oct. 23.
- Kerr, Howard J. (See Bailey, I. G., and Kerr.)
- Kerr, Howard J. (See Cassidy, P. R., Hester, and Kerr.)
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Superheater. 2,133,991; Oct. 26.



- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Wall construction. 2,133,992; Oct. 25.
- Kerr, Isabell B. (See Brooks, Robert A., assignor.)
- Kerr, John W., assignor to E. H. Geyer, Chicago, Ill. Dividing and reinforcing means for concrete roadways. 2,107,827; Feb. 8.
- Kerr, Ralph W., Riverside, Ill., assignor to International Patents Development Company, Wilmington, Del. Halogenated thick boiling starch. 2,108,862; Feb. 22.
- Kerr, Samuel L., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Surge suppressor apparatus and system. 2,124,619; July 26.
- Kerr, William A., and R. A. Grubbs, Douds, Iowa. Grinding wheel. 2,119,279; May 31.
- Kerr, William J., assignor to The Bristol Company, Waterbury, Conn. Automatic control for tire molds and the like. 2,128,417; Aug. 30.
- Kerrick, Walter B. (See Clayton, B. Kerrick, and Stadt.)
- Kerrick, Walter B., Los Angeles, assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif. Apparatus and method for treatment of liquids. 2,104,705; Jan. 4.
- Kerrick, Walter B., Los Angeles, assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif. Spray device and nozzle therefor. 2,130,628; Sept. 20.
- Kerschbaum, Hans, and W. Espe, Berlin-Siemensstadt, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metal case rectifier. 2,121,598; June 21.
- Kersgieter, Charles P., assignor to Carter Carburetor Corporation, St. Louis, Mo. Valve device. 2,130,847; Sept. 20.
- Kershaw, Arthur G., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Trailable point operating mechanism for railways and the like. 2,124,739; July 26.
- Kershaw, Arthur G., King's Cross, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure indicating device. 2,137,495; Nov. 22.
- Kershaw, Arthur G., A. W. Simmons, and K. H. Leech, King's Cross, London, England, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,113,621; Apr. 12.
- Kershaw, Henry, Kearney, N. J. Direction indicator for vehicles. 2,141,992; Dec. 27.
- Kershaw, John C., Joplin, Mo., assignor to The Eagle-Picher Lead Company, Cincinnati, Ohio. Manufacture of insulation material. 2,130,091; Sept. 13.
- Kershaw, John G., Drummondville, Quebec, assignor to Dominion Textile Company Limited, Montreal, Quebec, Canada. Capacity adjusting mechanism in hopper feeding machines. 2,113,987; Apr. 12.
- Kershaw, John G., Drummondville, Quebec, assignor to Dominion Textile Company Limited, Montreal, Quebec, Canada. Automatic operating mechanism in feed hoppers. 2,113,988; Apr. 12.
- Kershaw, John G., Drummondville, assignor to Dominion Textile Company Limited, Montreal, Quebec, Canada. Single process scutcher or picker with hopper feeder. 2,137,774; Nov. 22.
- Kerth, Max, Bad Soden-in-Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Printing animal fibers. 2,126,964; Aug. 16.
- Kessel, Johannes B., assignor of one-half to L. Hoffberg, Chicago, Ill. Washing machine. 2,134,048; Oct. 25.
- Kesler, Carl C., Cedar Rapids, Iowa, assignor to Penick & Ford, Ltd., Incorporated. Starch. 2,121,502; June 21.
- Kesler, Carl C., Cedar Rapids, Iowa, assignor to Penick & Ford, Ltd., Incorporated. Starch. 2,124,372; July 19.
- Kessel, Johannes B. (See Goldblatt, H. J., and Kessel.)
- Kesselring, Fritz, Berlin-Hermsdorf, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,108,560; Feb. 15.
- Kessen, Ferdinand, Detroit, Mich. Brake equalizer. 2,113,350; Apr. 5.
- Kessenich, Gregory J. (See Karnes, J. C., and Kessenich.)
- Kessler, Dorothy M., assignor to M. Redfield, Chicago, Ill. Hand protector. 2,139,897; Dec. 13.
- Kessler, Frederick C., Rutherford, N. J. Garment. 2,104,487; Jan. 4.
- Kessler, George A., and L. Salzmann, Butler, Pa., assignors to L. Sonneborn Sons, Inc. Preparing substantially pure free mahogany sulphonic acids. 2,125,300; Aug. 2.
- Kessler, George A., and M. Blumer, Butler, Pa., assignors to L. Sonneborn Sons, Inc. Purification of petroleum mahogany sulfonates. 2,140,263; Dec. 13.
- Kessler, John E. (See Harrison, T. R., Grauel, and Kessler.)
- Kessler, Morris, and J. Hader, Brooklyn, N. Y. Beverage dispensing device. 2,125,614; Aug. 2.
- Kessler, Paul P., Chicago, Ill. Sewing machine frame structure. 2,105,355; Jan. 11.
- Kessler, Paul P., Chicago, Ill. Sewing machine. 2,105,356; Jan. 11.
- Kessler, Paul P., Chicago, Ill. Sewing machine. 2,105,357; Jan. 11.
- Kestell, Thomas A. (See Gouldbourn, J., and Kestell.)
- Kestenman Bros. Mfg. Co. (See Kestenman, Charles H., assignor.)
- Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Insignia holding bracelet clasp. 2,108,892; Feb. 22.
- Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Self-adjusting clasp for wrist watch bracelets and the like. 2,126,263; Aug. 9.
- Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Chain or linkage. 2,136,818; Nov. 15.
- Kesterton, Henry M., Wroxall, near Warwick, England. Clutch. 2,113,512; Apr. 5.
- Ketay, Morris F. (See Reichel, W. A., and Ketay.)
- Ketay, Morris F., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Annunciator system. 2,116,947; May 10.
- Ketay, Morris F., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Contactless bell. 2,117,064; May 10.
- Ketay, Morris F., Brooklyn, N. Y., and J. D. Peterson, Roselle, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Salinity indicator. 2,117,670; May 17.
- Ketcham, Lyman G., Brooklyn, assignor to Teleradio Engineering Corporation, New York, N. Y. Condenser. 2,119,107; May 31.
- Ketchpel, Paul A., West Englewood, N. J., assignor, by mesne assignments, to The Standard Stoker Company, Inc. Locomotive tender. 2,107,419; Feb. 8.
- Ketchpel, Paul A., West Englewood, N. J., assignor, by mesne assignments, to The Standard Stoker Company, Inc. Stoker. 2,116,578; May 10.
- Ketchpel, Paul A., West Englewood, N. J., assignor, by mesne assignments, to The Standard Stoker Company, Inc. Fuel distributor. 2,129,278; Sept. 6.
- Ketchpel, Paul A., Bergenfield, N. J., assignor to The Standard Stoker Company, Incorporated. Stoker conveyor. 2,127,922; Aug. 23.
- Ketchpel, Paul A., West Englewood, N. J., and E. B. Sadtler, New York, N. Y.; said Ketchpel assignor to The Standard Stoker Company, Inc., (1922). Fuel feeding system. 2,122,425; July 5.
- Ketschel, Paul A., West Englewood, N. J., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922). Blast feed stoker. 2,137,844; Nov. 22.
- Kettering, Charles F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,130,092; Sept. 13.
- Kettering, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,130,093; Sept. 13.
- Ketterlinus Lithographic Manufacturing Company. (See Schwartz, Eugene, assignor.)
- Kettron, Charles W., assignor to Illinois Electric Porcelain Company, Macomb, Ill. Outlet box construction. 2,113,918; Apr. 12.
- Ketunen, Elmer F., Windsor, Ohio. Piston actuated switch. 2,121,433; June 21.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Measuring tape. 2,105,149; Jan. 11.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Making points for the ends of rods and the like. 2,120,806; June 14.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Slide rule indicator. 2,136,169; Nov. 8.
- Keuffel & Esser Company. (See Keuffel, Adolf W., assignor.)
- Kewaskum Aluminum Company. (See Rosenheimer, Adolph L., Jr., assignor.)
- Key Company. (See Key, Frederick E., assignor.)
- Key, Frederick E., St. Louis, Mo. Apparatus for lifting liquids. 2,131,183; Sept. 27.
- Key, Frederick E., assignor, by mesne assignments, to Reconstruction Finance Corporation, St. Louis, Mo. Return bend. 2,120,498; June 14.
- Key, Thomas D. (See Humphreys, Edwin W. A., and P. H. I., and Key.)
- Keyes, Grafton H. (See Brooker, L. G. S., and Keyes.)
- Keyes, Harmon E., Miami, Ariz. Leaching-precipitation-flotation process. 2,130,278; Sept. 13.
- Keyes, John J., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stop control means for core wrapping machines. 2,140,361; Dec. 13.
- Keyes, John J., Pittsburgh, and P. H. Brace, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Clutch mechanism for winding spindles. 2,134,561; Oct. 25.
- Keys, Walter C., Detroit, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Resilient mounting. 2,138,175; Nov. 29.
- Keys, Walter C., Detroit, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Resilient mounting for absorbing vibrations. 2,138,176; Nov. 29.
- Keyser, Merriell D., Edgewood Arsenal, Md. Muzzle loading miniature mortar. 2,131,048; Sept. 27.
- Keyssner, Ernst, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of N-vinyl compounds. 2,123,733; July 12.



- Keyssner, Ernst, and W. Wolff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main-Germany. Production of N-vinyl compounds. 2,123,734; July 12.
- Keyston, John E., Hayes, F. H. Nicoll, Ickenham, and O. Kleinperer, Hayes, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge apparatus. 2,123,011; July 5.
- Keystone Controls, Inc. (See Stedwell, George W., assignor.)
- Keystone Driller Company. (See Elmes, John A., assignor.)
- Keystone Index Card Company. (See Thomas, Frederick, assignor.)
- Keystone Mfg. Co. (See Marks, Isidore, assignor.)
- Keystone Steel & Wire Company. (See Dimmick, Bles C., assignor.)
- Keystone Steel & Wire Company. (See Hauger, Floyd M., assignor.)
- Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Oil-soluble mercurials and making them. 2,129,376; Sept. 6.
- Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Stabilization of sulphur-containing compounds and systems. 2,130,321; Sept. 13.
- Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Stabilization of hydroxy benzenoid compounds and tetravalent sulphur compounds against metal catalysts. 2,130,322; Sept. 13.
- Kharasch, Morris S., and S. Weinhouse, Chicago, Ill., assignors to Eli Lilly and Company, Indianapolis, Ind. Activation of cholesterol. 2,112,200; Mar. 22.
- K. Howat, Philip Y., Baltimore, Md. Combined cane and stand. 2,127,976; Aug. 23.
- Kibbe, James I. (See Anderson, A. G., and Kibbe.)
- Kibele, Otto B. (See Minor, B. S., and Kibele.)
- Kick, Wilhelm. (See Bentzinger, A., and Kick.)
- Kidd, Rollo J. (See Vagenius, N. H., and Kidd.)
- Kidde, Walter & Company. (See Grant, Harry C., Jr., assignor.)
- Kidde, Walter, & Company. (See Heigis, Henry E., assignor.)
- Kidde, Walter, & Company. (See Hill, V. J., Jr., and Heigis, assignors.)
- Kidrick, George F., Yakima, Wash. Pen and pencil holder. 2,126,194; Aug. 9.
- Kidwell, John C. (See Kidwell, Robert A. and J. C.)
- Kidwell, John C., Fairmont, and R. A. Poland, Morgantown, W. Va. Multipiece brake shoe. 2,140,081; Dec. 13.
- Kidwell, Robert A. and J. C., Fairmont, W. Va. Roller rack. 2,122,322; June 28.
- Kieckhefer Container Company. (See Kemp, Clayton, assignor.)
- Kieckhefer Container Company. (See Kieckhefer, Herbert M., assignor.)
- Kieckhefer Container Company. (See White, C. A., and Regis, assignors.)
- Kieckhefer, Herbert M., Riverton, assignor to Kieckhefer Container Company, Delair, N. J. Manufacturing containers or parts thereof. 2,132,956; Oct. 11.
- Kiefer, Alexis, Detroit, Mich. Prefabricated shingle corner unit. 2,113,303; Apr. 5.
- Kiefer, Edwin F., Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Delayed action fuse. 2,113,155; Apr. 5.
- Kiefer, Edwin F., Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Making bearing and gasket material. 2,129,844; Sept. 13.
- Kiefer, George C. (See Scharschu, C. A., and Kiefer.)
- Kiefer, Karl, Machine Company, The. (See Fiechheimer, P. R., and Halstead, assignors.)
- Kiefer, Karl, Machine Company, The. (See Rosendale, Stanley R., assignor.)
- Kieffer, Raymond J. (See Stahl, F. E., and Kieffer.)
- Kieffer, Richard, Regent, Austria, assignor to The American Cutting Alloys, Inc. Manufacturing hard metal alloys. 2,134,305; Oct. 25.
- Kieffer, Robert S., and W. A. Schenke, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Display stand. 2,119,788; June 7.
- Kloft, Abram T., Grand Haven, Mich. Dish. 2,108,863; Feb. 22.
- Klekhaefer, Elmer C. (See Stearns, R. H., and Klekhaefer.)
- Klehan, Valeria E., Silver Creek, Nebr. Illuminated license plate holder. 2,128,679; Aug. 30.
- Klenke, Richard R., New York, N. Y. Ash receptacle. 2,111,366; Mar. 15.
- Klips, Henry R., Newark, N. J., assignor to Baker & Company, Inc. Alloy. 2,132,116; Oct. 4.
- Klersted, Wynkoop, Jr. (See Gross, H. H., and Klersted.)
- Kleruff, William E., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Rapid selector mechanism. 2,108,561; Feb. 15.
- Kiesel, John S., et al. (See Kiesel, William F., Jr., assignor.)
- Kiesel, Oskar, Munch, Germany, assignor to O. Gutmann, Basel, Switzerland. Heavy oil carburetor. 2,115,634; Apr. 26.
- Kiesel, William F., 3d, et al. (See Kiesel, William F., Jr., assignor.)
- Kiesel, William F., Jr., Hollidaysburg, Pa., assignor of one-third to V. K. Rutan, Chevy Chase, Md., one-third to J. S. Kiesel, Williamsport, Pa., and one-third to W. F. Kiesel, 3d, Stewart Manor, Long Island, N. Y. Steam engine valve. 2,138,740; Nov. 29.
- Kiesler, Frederick, New York, N. Y. Lamp and table construction. 2,131,049; Sept. 27.
- Kiesskalt, Siegfried, Frankfurt-on-the-Main-Hochst, and W. Mejer, Bad Soden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Grinding device. 2,117,965; May 17.
- Kiesskalt, Siegfried, H. Tampke, E. Weingaertner, and K. Winnacker, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Kneading apparatus. 2,136,264; Nov. 8.
- Kietz, Adolf, et al. (See Bezenberger, Frederick K., assignor.)
- Kietz, Adolf, et al. (See Decker, George, assignor.)
- Kiewit, Frederick P., Kansas City, Mo. Grain puffing apparatus. 2,132,987; Oct. 11.
- Kill, Arthur L., Wayne, N. Y. Shipping crate. 2,135,401; Nov. 1.
- Kilborn, Lawrence, New York, N. Y. Changeable exhibitor. 2,117,613; May 17.
- Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)
- Kilbride, John T., Stratford, and E. W. Carpenter, Fairfield, assignors to The E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Burring tool. 2,114,364; Apr. 19.
- Kilby Manufacturing Company, The. (See Grill, H. E., and Feldstein, assignors.)
- Kile, Clifford S., Hutchinson, Kans. Liquid ejecting device. 2,128,254; Aug. 30.
- Kiley, Albert J., Belmont, and J. T. Kiley, Arlington, assignors to James A. Kiley Co., Somerville, Mass. Portable aerial ladder. 2,116,470; May 3.
- Kiley, James A., Co. (See Kiley, Albert J. and J. T., assignors.)
- Kiley, John T. (See Kiley, Albert J. and J. T., assignors.)
- Kilgore Development Corporation. (See Ford, Jared H., assignor.)
- Kilgore Development Corporation. (See Kilgore, Lowell B., assignor.)
- Kilgore, George R., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Detector and detector circuits for ultra short waves. 2,112,029; Mar. 22.
- Kilgore, Lee A., and J. H. Cox, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum pumping for mercury rectifiers. 2,121,599; June 21.
- Kilgore, Lowell B., Washington, D. C., assignor to Kilgore Development Corporation, East Falls Church, Va. Insecticide. 2,107,298; Feb. 8.
- Kilgore Mfg. Company, The. (See Rickenbacher, Robert J., assignor.)
- Kilian, Georg, Weiden, assignor to Deutsche Tafelglas Aktiengesellschaft (Detg), Furth, Germany. Drawing sheet glass. 2,111,860; Mar. 22.
- Killam, J. S., et al. (See Korematsu, Hi., assignor.)
- Killam, Kenneth A. (See Morrill, W. J., and Killam.)
- Killam, Kenneth A., Fort Wayne, Ind., assignor to General Electric Company. Vertical labyrinth bearing. 2,135,308; Nov. 1.
- Killefer Manufacturing Corporation. (See Austin, Ellsworth W., assignor.)
- Killefer Manufacturing Corporation. (See Mitchell, Rollie H., assignor.)
- Killefer Manufacturing Corporation. (See Mitchell, R. H., Sjogren, and Wadleton, assignors.)
- Killen, Dan J., Rapid City, S. Dak. Valve. 2,131,809; Oct. 4.
- Kilgore, Robert J., Los Nietos, Calif. Rotary bit. 2,121,202; June 21.
- Killian, Donald B. (See Nieuwland, J. A., Hennlon, and Killian.)
- Killian, Edward S., Akron, Ohio, assignor to Frank B. Killian, trustee. Method and apparatus for handling rubber articles. 2,109,150; Feb. 22.
- Killian, Edward S., Akron, and L. Poylacs, Jr., East Akron, assignors, by mesne assignments, at thirty-seven and one-half per cent to J. Tyrrell, as trustee, and twenty-five per cent to P. H. Stevens, Akron, Ohio. Packaging machine. 2,134,049; Oct. 25.
- Killian, Frank B., executor and trustee. (See Killian, Fred L.)
- Killian, Frank B., trustee. (See Killian, Edward S., assignor.)
- Killian, Fred L., deceased, Akron, by F. B. Killian, executor, Doylestown; said F. L. Killian, assignor, by mesne assignments, to F. B. Killian, trustee, Akron, Ohio. Method and apparatus for manufacturing thin rubber articles. 2,128,827; Aug. 30.
- Killin, George W., Jr., West Huntington, W. Va. Fruit jar closure. 2,130,130; Sept. 13.
- Killion, Louis J., Roxbury, Mass. Movable wall structure. 2,114,386; Apr. 19.
- Killion, Louis J., Roxbury, Mass. Movable wall structure. 2,114,387; Apr. 19.
- Killion, Louis J., Roxbury, Mass. Movable wall structure. 2,114,388; Apr. 19.
- Killman, Robert T. (See Killman, Thomas A. and R. T.)
- Killman, Robert T., Nashville, Tenn. Can opener. 2,104,480; Jan. 4.



- Killman, Robert T., Nashville, Tenn. Nozzle. 2,138,379; Nov. 29.
- Killman, Robert T. and T. A., Nashville, Tenn. Shock absorber. 2,111,633; Mar. 22.
- Killman, Robert T. and T. A., Nashville, Tenn. Lens. 2,128,365; Aug. 30.
- Killman, Robert T. and T. A., Nashville, Tenn. Apparatus for printing motion picture color film. 2,134,483; Oct. 25.
- Killman, Robert T. and T. A., Nashville, Tenn. Automatic nozzle. 2,138,380; Nov. 29.
- Killman, Thomas A. (See Killman, Robert T. and T. A.)
- Killman, Thomas A. and R. T., Nashville, Tenn. Motion picture apparatus. 2,118,087; May 24.
- Killmer, Miles I., assignor to Mason & Hanger Company, Inc., New York, N. Y. Constructing tunnels. 2,107,671; Feb. 8.
- Killoran, Joseph L. (See Elvin, W. J., and Killoran.)
- Killorin, Francis O. (See Root, L. P., and Killorin.)
- Killy, Earl, Toledo, Ohio, assignor to Libbey Glass Company. Method and apparatus for stenciling articles. 2,117,427; May 17.
- Kilmer, Clarence T. (See Patey, Joseph M., assignor.)
- Kilner, Arthur H., St. John's Wood, London, England. Apparatus for the production and manufacture of material impregnated with cellulose regenerated from viscose or other cellulosic solutions. Re. 20,802; July 19.
- Kilner, Louis, assignor to Sun-Maid Raisin Growers of California, Fresno, Calif. Raisin capper. 2,138,302; Nov. 29.
- Kilpatrick, Howard M., New York, N. Y. Latch. 2,107,299; Feb. 8.
- Kilpatrick, Howard M., New York, N. Y. Jimmyproof lock-latch. 2,107,300; Feb. 8.
- Kilpatrick, John R., New York, N. Y. Stage exhibiting card plays of bridge games. 2,109,175; Feb. 22.
- Kilpela, Eno E. (See Rau, C. F., and Kilpela.)
- Kimball, Charles N., East Orange, N. J., and E. W. Wilby, Westerleigh, N. Y., assignors to Radio Corporation of America. Electronic indicating device. 2,124,740; July 26.
- Kimball, Donald E., assignor to The Safety Equipment Service Company, Cleveland, Ohio. Facial protective device. 2,110,332; Mar. 8.
- Kimball, Franklin E., Los Angeles, Calif. Treating hydrocarbon vapors with zinc chloride. 2,108,438; Feb. 15.
- Kimball, Franklin E., Los Angeles, Calif. Contacting hydrocarbon vapors with ammonium pentachlorodizincate. 2,121,169; June 21.
- Kimball, James L., Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Control system. 2,113,943; Apr. 12.
- Kimball, Leo B., New Haven, Conn., assignor to Fuel Development Corporation. Controlling the supply of supplementary liquids to power generating devices. 2,135,431; Nov. 1.
- Kimball, Samuel F., assignor to The Portland Company, Portland, Maine. Apparatus for reconditioning the interior of containers. 2,115,202; Apr. 26.
- Kimball, Samuel F., assignor to The Portland Company, Portland, Maine. Apparatus for reconditioning the exterior of containers. 2,115,203; Apr. 26.
- Kimball, Samuel F., assignor to The Portland Company, Portland, Maine. Apparatus for reconditioning the interior of containers. 2,115,204; Apr. 26.
- Kimball, Thomas B., Hammond, and O. G. Kaasa, Munster, Ind., assignors to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 2,105,122; Jan. 11.
- Kimball, Vernon R. (See Dirkes, R. F., and Kimball.)
- Kimball, Vernon R. (See Dirkes, R. F., Wheeler, and Kimball.)
- Kimball, Vernon R. (See Wheeler, E. R., Kimball, and Dirkes.)
- Kimball, Vernon R., Union City, N. J., and R. F. Dirkes, Jamaica, assignors to Western Union Telegraph Company, New York, N. Y. Telegraph printer. 2,135,376; Nov. 1.
- Kimball, Vernon R., Union City, N. J.; R. F. Dirkes, Jamaica, N. Y.; and E. R. Wheeler, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph printer. 2,135,375; Nov. 1.
- Kimball, Wallace D., Jackson Heights, assignor to Standard-Knapp Corporation, Long Island City, N. Y. Carton closing machine. 2,109,537; Mar. 1.
- Kimball, Wallace D., Jackson Heights, assignor to Standard-Knapp Corporation, Long Island City, N. Y. Printing machine. 2,109,590; Mar. 1.
- Kimball, Wallace D., Jackson Heights, and C. I. Braren, Jamaica, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Case packing machine. 2,109,294; Feb. 22.
- Kimball, Wallace D., Jackson Heights, and C. I. Braren, Jamaica, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Can casing machine. 2,116,793; May 10.
- Kimball, Wallace D., Jackson Heights; C. I. Braren, Jamaica; and G. P. Schaefer, Bronx, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Can boxing machine. 2,127,924; Aug. 23.
- Kimball, Wallace D., Jackson Heights, and C. I. Braren, Jamaica, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Package collector. 2,141,212; Dec. 27.
- Kimbell, Arthur W., Newton Center, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Radio container and fastener for the same. 2,121,524; June 21.
- Kimbell, Fordyce. (See Williams, Harold, assignor.)
- Kimber, George A., Chicago, Ill. Bottle stopper. 2,111,069; Mar. 15.
- Kimble Glass Company. (See Beitler, Lewis E., assignor.)
- Kimble Glass Company. (See Greene, Joseph F., assignor.)
- Kimble Glass Company. (See Halversen, Hans N., assignor.)
- Kimble Glass Company. (See Hoyer, John Z., assignor.)
- Kimble Glass Company. (See McClure, Samuel S., assignor.)
- Kimble Glass Company. (See Meyer, Felix, assignor.)
- Kimbrough, Warren C., Omaha, Nebr. Gas trap. 2,134,050; Oct. 25.
- Kimlin, Douglas O. (See Kimlin, Harry T. and D. O.)
- Kimlin, Harry T. and D. O., Hyde Park, N. Y. Automatic stop for a threading die head. 2,119,014; May 31.
- Kimmel, Charles P., Gary, Ind., and A. K. Hamilton, deceased, Chicago, Ill.; L. L. Hamilton, executrix. Piling and stacking apparatus. 2,135,669; Nov. 8.
- Kimmel, George P. (See Yoe, Alphon O., assignor.)
- Kimmel, George P., Brookville, Md. Manipulative bridge for bifocal lenses. 2,112,163; Mar. 22.
- Kimmich, William, Flushing, N. Y., assignor to Radio Corporation of America. Signature keying device. 2,134,562; Oct. 25.
- Kimpton, William H., and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Yarn winding machine. 2,129,739; Sept. 13.
- Kinatome Patents Corporation. (See Foster, Warren D., assignor.)
- Kincade, Gerard M., Jr., Rochester, N. Y. Container. 2,114,052; Apr. 12.
- Kind & Knox Gelatine Co. (See Downey, Thomas B., assignor.)
- Kind, Oscar, Rodenkirchen, near Cologne, Germany. Wire tying machine. 2,129,063; Sept. 6.
- Kind, Oscar, Rodenkirchen-on-the-Rhine, Germany. Securing and carrying means for packages. 2,137,913; Nov. 22.
- Kind, Wilm., Berlin-Haselhorst, G. Schenk, Brunswick, and H. R. Busch, Wetzlar, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Sprayer employed in watering areas of land. Re. 20,826; Aug. 16.
- Kindelberger, James H., assignor to North American Aviation Corporation, Inglewood, Calif. Blanking and forming press. 2,127,820; Aug. 23.
- Kindelmann, Albert. (See Griffin, H., and Kindelmann.)
- Kindelmann, Albert. (See Morfesi, E., and Kindelmann.)
- Kindelmann, Albert. (See Pearlman, J., and Kindelmann.)
- Kindelmann, Albert, Floral Park, assignor to International Projector Corporation, New York, N. Y. Camera and magazine therefor. 2,109,538; Mar. 1.
- Kindelmann, Albert, Floral Park, and J. Pearlman, New York, N. Y., and W. Ostrander, Roselle Park, N. J., assignors to International Projector Corporation, New York, N. Y. Claw and registration pin mechanism. 2,129,093; Sept. 6.
- Kinderman, Walter J., assignor to Yarnall-Waring Company, Philadelphia, Pa. Alarm water column. 2,118,311; May 24.
- Kindig, Arnie J., South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Shaft bearing. 2,138,659; Nov. 29.
- Kindl, Carl H. (See Pontis, W. H., Chryst, Kindl, and Kunkle.)
- Kindl, Joseph V., and J. J. Slavin, assignors to The W. J. Schoenberger Company, Cleveland, Ohio. Valve for gas burners. 2,113,027; Apr. 5.
- Kindred, George C., Scarsdale, N. Y. Display device. 2,109,777; Mar. 1.
- Kindt, Mark, Kenosha, Wis., assignor to M. F. Winther, Waukegan, Ill., as trustee. Unloader. 2,132,824; Oct. 11.
- Kinetic Cycle Research Corporation. (See Kahn, Benjamin, assignor.)
- King, Alexander H., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller drive for coaxial oppositely rotating propellers. 2,132,481; Oct. 11.
- King, Alvin O. (See Istre, Sola, assignor.)
- King, Archie P. (See Southworth, G. C., and King.)
- King, Archie P., Red Bank, and R. S. Ohl, Little Silver, King, Bert W., Detroit, Mich. Scale. 2,117,847; May 17.
- N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna selector system. 2,136,621; Nov. 15.
- King, Clarence D., Brooklyn, assignor to United States Steel Corporation, New York, N. Y. Making steel. 2,111,893; Mar. 22.
- King, Clarence V. H., Jr., San Francisco, Calif. Container. 2,108,600; Feb. 15.
- King, Clark C., assignor to Jos. J. Kovar Co., Inc., Owatonna, Minn. Ground working implement. 2,135,580; Nov. 8.
- King, Clifford G., Barrington, R. I. Tassel. 2,107,948; Feb. 8.



- King, Clifford G., Barrington, R. I. Tassel. 2,112,100; Mar. 22.
- King, Dale F., Auburn, Ala., assignor, by mesne assignments, to The Bundy Incubator Company, Springfield, Ohio. Method and apparatus for determining fertility of eggs for incubation. 2,118,794; May 24.
- King, David W., Knoxville, Tenn. Wood preservation. 2,123,899; July 19.
- King, Dean W., San Mateo, and R. E. Geisert, Alameda, Calif.; said Geisert assignor to said King. Rib pistol and revolver sight. 2,127,565; Aug. 23.
- King, Edward F., Cranston, R. I. Treating fibrous materials. 2,111,933; Mar. 22.
- King, Elsie H., South Bend, Wash. Logging apparatus. 2,131,402; Sept. 27.
- King, Frances. (See King, Garnet, assignor.)
- King, Frank O., Kissimmee, Fla. Optical illusion effect or the like. 2,114,801; Apr. 19.
- King, Frederick H., Detroit, Mich. Marble game. 2,128,486; Aug. 30.
- King, Fritz, Sour Lake, Tex. Well gun. 2,120,615; June 14.
- King, Garnet, assignor of one-half to F. King, Los Angeles, Calif. Device for administering anesthetics. 2,141,793; Dec. 27.
- King, Garnet, assignor of one-half to F. King, Los Angeles, Calif. Apparatus for administering anesthetics. 2,141,794; Dec. 27.
- King, George L., Syracuse, N. Y. Getter for radio tubes. 2,116,244; May 3.
- King, Gerald V., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,136,620; Nov. 15.
- King, Harry C., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stitch-down shoe. 2,115,859; May 3.
- King, Harry C., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making it. 2,117,333; May 17.
- King, Henry H., West Palm Beach, Fla. Plant protector. 2,109,426; Feb. 22.
- King, Howard K., Philadelphia, Pa., assignor to Chambers Brothers Company. Brick and tile cutter. 2,131,562; Sept. 27.
- King, James F., assignor of one-fourth to W. W. Shepherd and one-fourth to G. Bale, Little Rock, Ark. Automobile bumper. 2,137,914; Nov. 22.
- King, John H., and R. R. Wotring, Indianapolis, Ind. Bumper mat. 2,129,941; Sept. 13.
- King, John L., Columbus, and N. L. Whitten, Thomaston, assignors of one-half to said King and one-half to C. R. Medley, Columbus, Ga. Card sliver control. 2,141,003; Dec. 20.
- King, Oliver F. (See O'Leary, C. M., and King.)
- King, Oral A., near Norfolk, Va. Beehive. 2,128,000; Aug. 23.
- King, Orville D., Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Method and apparatus for the decoration of elongated surfaces. 2,104,044; Jan. 4.
- King, Orville D., Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Decorating apparatus. 2,138,865; Dec. 6.
- King Powder Company, The. (See Lindsley, Milton F., Jr., assignor.)
- King, Ralph E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone signaling system. 2,107,154; Feb. 1.
- King, Reginald W., Dorchester, Boston, Mass. Self-indicating plug fuse. 2,137,342; Nov. 22.
- King, Robert A., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 2,114,880; Apr. 19.
- King, Roderick V., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Reversing and locking mechanism for spring motor toys. 2,131,877; Oct. 4.
- King, Thomas M., Hinsdale, and L. Stastney, Cicero, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Electric welding machine. 2,129,845; Sept. 13.
- King, Valentine J., House Springs, Mo. Bolt action rifle. 2,123,111; July 5.
- King, Vernon C., Worcester, Mass., assignor, by mesne assignments, to Wickwire Spencer Steel Company. Spiral fabric having spacers for the spirals. 2,112,700; Mar. 29.
- King, Walter. (See Lawrence, Joseph L., assignor.)
- King, William J., Schenectady, N. Y., assignor to General Electric Company. Thermal responsive control mechanism. 2,139,504; Dec. 6.
- King, William R., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,132,264; Dec. 4.
- Kingman & Co. (See Wegchoff, Chris F., assignor.)
- Kingman & Co. Incorporated. (See Freidel, Edward, assignor.)
- Kingdon, Kenneth H., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,130,429; Sept. 20.
- Kingdon, Ralph H. (See Jackson, J. G., and Kingdon.)
- Kingdon, Ralph H., assignor to Square D Company, Detroit, Mich. Panel cabinet. 2,126,995; Aug. 16.
- Kingham, Charles H., Louisville, Ky. Retractable banding gear. 2,140,264; Dec. 13.
- Kingman, Kenneth. (See Hopper, B., and Kingman.)
- Kingman, Russell B., Orange, N. J. Wax or like applicator. 2,110,000; Mar. 1.
- Kingman, Russell B., Orange, N. J. Waxing pad. 2,110,001; Mar. 1.
- Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Cleanser device. 2,107,636; Feb. 8.
- Kingman, Russell B., Orange, N. J., assignor, by mesne assignments, to Camel Pen Company. Fountain pen. 2,123,427; July 12.
- Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Scouring implement. 2,129,279; Sept. 6.
- Kingsbury, Albert, Greenwich, Conn., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Thrust bearing. 2,110,464; Mar. 8.
- Kingsbury, Burton A. (See Hickman, C. N., and Kingsbury.)
- Kingsbury, Edward J., Keene, N. H. Machine tool structure with feeding apparatus. 2,114,389; Apr. 19.
- Kingsbury, Ellen W., Rutherford, N. J. Window shade. 2,119,583; June 7.
- Kingsbury, George P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,118,927; May 31.
- Kingsbury, George P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Printing form and preparing the same. 2,125,676; Aug. 2.
- Kingsbury Machine Tool Corporation. (See Foster, Benjamin N., assignor.)
- Kingsbury Machine Works, Inc. (See Kingsbury, Albert, assignor.)
- Kingsland, George D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Summer-winter air conditioning system. 2,123,428; July 12.
- Kingsley, Carl E., Newport, Oreg. Windshield wiper. 2,130,957; Sept. 20.
- Kingsley, Donald G. (See Oftedal, P. R., and Kingsley.)
- Kingsley, George A., deceased; R. Riethmiller, administratrix, assignor to Hayes Industries, Inc., Jackson, Mich. Muller. 2,125,449; Aug. 2.
- Kingston Products Corporation. (See Anklam, Charles W., assignor.)
- Kingston Products Corporation. (See Doane, H. C., Prescott, and Michel, assignors.)
- Kingston Products Corporation. (See Douglas, Harry A., assignor.)
- Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse repeater. 2,104,426; Jan. 4.
- Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter station. 2,106,352; Jan. 25.
- Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph exchange system. 2,114,023; Apr. 12.
- Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regenerative telegraph repeater. 2,133,456; Oct. 18.
- Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph system. 2,138,580; Nov. 29.
- Kinnard, Dudley H., London, and H. F. Ford, Wallington, assignors to "T. I. M." (Ticket-Issue Machines) Limited, London, England. Ticket printing and issuing machine. 2,137,915; Nov. 22.
- Kinney, Blanch T., Still River, Mass. Antiskid device. 2,109,068; Feb. 22.
- Kinney, Edward H. Jr. (See Kinneer, Henry and E. H., Jr.)
- Kinneer, Henry, Brighton, and E. H. Kinneer, Jr., Sunbury, Victoria, Australia, assignors to Columbian Rope Company, Auburn, N. Y. Winding of twine spools. 2,115,636; Apr. 26.
- Kinneer, John C. (See Larson, L., and Kinneer.)
- Kinneer, Mary A., Worcester, Mass. Combination crib and cradle. 2,106,927; Feb. 1.
- Kinney, Fay D., assignor to American Optical Company, Southbridge, Mass. Lens and making same. Re. 20,929; Nov. 29.
- Kinney, Frank W., Groveland, Mass. Ice skate. 2,108,128; Feb. 15.
- Kinney, Selwyn P., Pittsburgh, and C. E. Dougan, assignors to H. A. Brassert & Company, Chicago, Ill. Gas washer. 2,127,645; Aug. 23.
- Kinross, Rupert I., London, and W. J. Brown, Uxbridge, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve circuits. 2,128,649; Aug. 30.
- Kinsel, Anthony. (See Breth, F. W., and Kinsel.)
- Kinsel, Anton. (See Breth, F. W., and Kinsel.)
- Kinsella, Edward, Spendon, near Derby, England, assignor to Celanese Corporation of America. Control device. 2,123,241; July 12.
- Kinsella, Edward J., Bower, J. F. Bridges, and R. P. Roberts, Spendon, near Derby, England, assignors to Celanese Corporation of America. Treatment of cellulose derivatives. 2,131,810; Oct. 4.
- Kinley, Lewis. (See Kinleys, N. B., W. C., and L. Kinley, and Howe.)
- Kinley, Thomas C., Elmhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,107,577; Feb. 8.



- Kinsley, William C. (See Chaveas, N. B., W. C. and L. Kinsley, and Howe.)
- Kinte, Reinhold, Brooklyn, N. Y. Boat construction. 2,131,627; Sept. 27.
- Kintzing, Reese T., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal relay. 2,140,362; Dec. 13.
- Kinzel, Augustus B., Beechhurst, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Nitride hardened steel article. 2,114,802; Apr. 19.
- Kinzel, Augustus B., Douglaston, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Treating the defective surface metal of billets or the like. 2,125,172; July 26.
- Kinzel, Augustus B., Douglaston, Long Island, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for treating the defective surface metal of billets or the like. 2,125,173; July 26.
- Kinzer, John P., Hackensack, N. J., and I. G. Wilson, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuit. 2,139,236; Dec. 6.
- Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Double silicates of zirconium and making same. 2,127,844; Aug. 23.
- Kinzie, Charles J., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Hydrated titanium-iron arsenates and making same. 2,105,459; Jan. 11.
- Kinzie, Charles J., and D. S. Hake, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Preparation of a zirconium oxycarbide and silicon carbide. 2,110,733; Mar. 8.
- Kinzie, Charles J., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Separating brookite and rutile from zircon and obtaining titanium oxide therefrom. 2,127,664; Aug. 23.
- Kinzie, Charles J., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Preparation of dititanosilicic-carboxide. 2,129,161; Sept. 6.
- Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Reciprocating gate valve. 2,131,050; Sept. 27.
- Kinzie, Phillip A., B. A. Halliday, and W. H. Kohler, assignors to Universal Hydraulic Corporation, Denver, Colo. Internal stem operated tractor gate. 2,131,051; Sept. 27.
- Kinzie, Phillip A., J. L. Savage, and W. H. Kohler, assignors to Universal Hydraulic Corporation, Denver, Colo. Cable operated tractor gate. 2,131,052; Sept. 27.
- Kinzie, Phillip A., and W. H. Kohler, assignors to Universal Hydraulic Corporation, Denver, Colo. Gate valve. 2,131,053; Sept. 27.
- Kinzoku Zairyo Henkyusho (The Research Institute for Iron, Steel and Other Minerals). (See Iwasé, Keizô, assignor.)
- Kipfer, Paul F., Boitsfort, near Brussels, Belgium. Two-stroke internal combustion engine. 2,134,285; Oct. 25.
- Kipfer, Paul F., Boitsfort, near Brussels, Belgium. Two-stroke internal combustion engine. 2,134,286; Oct. 25.
- Kippe, Otto, Osnabrück, assignor to Klöckner-Werke A.-G., Castrop-Rauxel, Germany. Producing magnesia and nitrogenous fertilizers from dolomite. 2,130,240; Sept. 13.
- Kippenberg, Hermann, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna device. 2,111,398; Mar. 15.
- Kippenberg, Hermann, and P. Künzer, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio mounting device. 2,107,037; Feb. 1.
- Kipphan, Erich, assignor to Suddentsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany. Electric rectifier. 2,134,131; Oct. 25.
- Kirby, Alfert F., assignor of ten-percent to P. H. Gabert, California, Mo. Saw attachment for portable electric drills. 2,122,611; July 5.
- Kirby, Charles H., Flint, Mich. Shock absorber for vehicles. 2,139,592; Dec. 6.
- Kirby, Frank G., Long Island City, N. Y. Photographic apparatus. 2,112,028; Mar. 22.
- Kirby, Gustavus T. (See Day, H. I., and Ellsworth, assignors.)
- Kirby, James B., West Richfield, Ohio. Suction cleaner. 2,107,571; Feb. 8.
- Kirby, James B., West Richfield, Ohio. Suction cleaner. 2,109,621; Mar. 1.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio, as trustee. Laundry machine. 2,105,218; Jan. 11.
- Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio, as trustee. Laundry machine. 2,109,620; Mar. 1.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio, trustee. Laundry machine. 2,116,759; May 10.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Fabric cleansing machine. 2,119,918; June 7.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio, as trustee. Clothes washing machine. 2,135,084; Nov. 1.
- Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Laundry machine and method. 2,137,775; Nov. 22.
- Kirby, James J. (See Gegenheimer, D. A., and Kirby.)
- Kirby, John S., Indianapolis, Ind., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Chick box. 2,134,051; Oct. 25.
- Kirby, Virgil C., assignor of one-half to D. W. Donaldson, Hutchinson, Kans. Dispensing device. 2,141,691; Dec. 27.
- Kirch, Jean N. (See Nordstrom, J. M., Jr., and Kirch.)
- Kirch, Theodore E., and D. R. Mead, Sheffield Township, Warren County, Pa. Manufacturing a photographic stencil. 2,131,225; Sept. 27.
- Kirchner, Paul J., assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,105,219; Jan. 11.
- Kirchhofer, Hugo. (See Bergland, Ernest E., assignor.)
- Kirchhoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Dough molder. 2,116,930; May 10.
- Kirchner, Albert H. (See Barr, C. G., and Kirchner.)
- Kirchner, Henry P. (See Melton, R. L., Benner, and Kirchner.)
- Kirchner, Henry P., and R. C. Benner, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Producing carbides. 2,136,107; Nov. 8.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Regulating device for thermocompressors. 2,106,804; Feb. 1.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Evaporator. 2,109,885; Mar. 1.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,123,735; July 12.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Control means for thermocompressors. 2,124,620; July 26.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,125,347; Aug. 2.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Regulating device for refrigerating apparatus. 2,130,549; Sept. 20.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating system. 2,134,409; Oct. 25.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Damper. 2,139,505; Dec. 6.
- Kirk, Claude R. (See Radtke, B., and Kirk.)
- Kirk, Ernest W. (See Ellis, G. H., and Kirk.)
- Kirk, John M. (See Kirk, William F. and J. M.)
- Kirk, Morris P., and I. H. Grancell, Los Angeles, Calif. Bearings, new composition of matter and producing the same. 2,108,339; Feb. 15.
- Kirk, Ralph L., Bellevue, assignor to Railway and Industrial Engineering Company, trustee, South Greensburg, Pa. Interlock system for doors. 2,126,333; Aug. 9.
- Kirk, William F. and J. M., Kansas City, Mo. Anchorable refrigerator. 2,128,708; Aug. 30.
- Kirk, William S. (See Schwartzwalder, K., and Kirk.)
- Kirkland, Archibald D., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Grinding and mixing apparatus and method. 2,114,110; Apr. 12.
- Kirkpatrick, Arnold. (See Gardner, H. A., and Kirkpatrick.)
- Kirkpatrick, Arnold, assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticizer for rubber derivatives. 2,126,019; Aug. 9.
- Kirkpatrick, Ephraim W., Los Angeles, Calif. Power drive device. 2,131,288; Sept. 27.
- Kirkpatrick, Floyd M., Erie, Pa., assignor to General Electric Company. Soldering iron. 2,126,559; Aug. 9.
- Kirkpatrick, Martin S., Elmdorf, Tex. Operating device for closures. 2,125,183; July 26.
- Kirkpatrick, Robert J., Atlanta, Ga., assignor to Ditto, Incorporated, Chicago, Ill. Payroll machine. 2,125,728; Aug. 2.
- Kirkpatrick, Willard H., assignor to National Aluminate Corporation, Chicago, Ill. The production of anion-exchange resins from m-phenylenediamine. 2,106,486; Jan. 25.
- Kirkwood, Loren R. (See Holst, P. F. G., and Kirkwood.)
- Kirlin, Otis M., Detroit, Mich. Ladder. 2,127,035; Aug. 16.
- Kirokichi Suzuki. (See Tanaka, Shinjiro, assignor.)
- Kirsch Company. (See Grassby, George A., Jr.)
- Kirsch Company. (See Ibbetson, S. F., and Green, assignors.)
- Kirsch Company. (See Kirsch, Guy W., assignor.)
- Kirsch Company. (See McKerlie, George F., assignor.)
- Kirsch, Guy W., assignor to Kirsch Company, Sturgis, Mich. Curtain crane construction. 2,110,671; Mar. 8.



- Kirsch, Walter S. (See Yacker, J., and Kirsch.)
- Kirschbraun, Lester, assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Building material and making same. 2,104,082; Jan. 4.
- Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Roofing felt. 2,122,747; July 5.
- Kirschbraun, Lester, Leonia, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Weatherboarding. 2,115,172; Apr. 26.
- Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Making mixtures containing bituminous dispersions. 2,128,464; Aug. 30.
- Kirschbraun, Lester, Leonia, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Siding. 2,131,477; Sept. 27.
- Kirschbraun, Lester, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Apparatus and process for treating hydrocarbon oils. 2,119,818; June 7.
- Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Siding element and making the same. 2,139,620; Dec. 6.
- Kirschmaier, Raymond J. (See Jones, F. L., and Kirschmaier.)
- Kirschstein, Friedrich. (See Laub, J. J., and Kirschstein.)
- Kirsebom, Gustaf N., Clifton, Bristol, assignor to Calloy Limited, London, England. Reduction of metalliferous materials by magnesium. 2,111,367; Mar. 15.
- Kirsebom, Gustaf N., Clifton, Bristol, assignor to Calloy Limited, London, England. Preparation of alkaline earth metals. 2,116,245; May 3.
- Kirshner, Arthur C., assignor to The National Cash Register Company, Dayton, Ohio. Merchandise ticket printer. 2,105,660; Jan. 18.
- Kirst, William E. (See Castner, J. B., and Kirst.)
- Kirst, William E. (See Hauff, T. W., and Kirst.)
- Kirst, William E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Primer for high explosives. 2,138,581; Nov. 29.
- Kirsten, Kurt F. J., Seattle, Wash., assignor to Kirsten Lighting Corporation. Gas arc lamp. 2,114,535; Apr. 19.
- Kirsten, Kurt F. J., Seattle, Wash., assignor to Kirsten Lighting Corporation. Directly heated cathode electrode. 2,114,536; Apr. 19.
- Kirsten Lighting Corporation. (See Kirsten, Kurt F. J., assignor.)
- Kirwan, John P., and B. Jackson, Winnipeg, Manitoba, Canada. Dental vibrator. 2,141,304; Dec. 27.
- Kishline, Floyd F., Birmingham, assignor to Graham-Paige Motors Corporation, Detroit, Mich. Lubrication system for internal combustion engines. 2,139,549; Dec. 6.
- Kisling, William L., St. Louis, Mo. Fan. 2,130,802; Sept. 20.
- Kiss, John, Cleveland, Ohio. License plate carrier. 2,104,230; Jan. 4.
- Kiss, Joseph, River Forest, Ill. Traffic signal light. 2,108,675; Feb. 15.
- Kissane, John F., assignor of one-half to J. H. Murphy, Detroit, Mich. Engine starters for motor-driven vehicles. 2,122,816; July 5.
- Kissel, B. M. (See Kissel, William L., assignor.)
- Kissel Industries. (See Kissel, William L., assignor.)
- Kissel, Roman G., St. Charles, Ill. Tide motor. 2,111,099; Mar. 15.
- Kissel, William L., assignor to B. M. Kissel, doing business as Kissel Industries, Hartford, Wis. Outboard motor. 2,118,928; May 31.
- Kisselle, John M., Detroit, Mich. Sharp freezing container. Re. 20,693; Apr. 12.
- Kistner, Harold E., Sabetha, Kans. Treating cream for butter making. 2,119,461; May 31.
- Kistner, Herman H., Baltimore, Md., assignor to Kistner Lock & Appliance Company. Casement window and door lock. 2,107,056; Feb. 1.
- Kistner Lock & Appliance Company. (See Kistner, Herman H., assignor.)
- Kitchen, John G. A., Bowness-on-Windermere, Westmoreland, England. Reciprocating engine. 2,105,043; Jan. 11.
- Kitching, Joshua T., Pleasantville, N. J. Folding metal awning. 2,127,062; Aug. 16.
- Kite Mold Company. (See Marco, Fred W., assignor.)
- Kitson Company. (See Lovekin, Luther D., assignor.)
- Kittle Manufacturing Co. (See Frey, Elmer E., assignor.)
- Kittle Manufacturing Co. (See Munro, Thomas, assignor.)
- Kitler, Antonin, Prague, Czechoslovakia. Combination lock. 2,116,837; May 10.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,126,396; Aug. 9.
- Kittredge, Harvey G., assignor to The Kay & Ess Chemical Corporation, Dayton, Ohio. Rubberlike product and making. 2,111,427; Mar. 15.
- Kittredge, Harvey G., assignor, by mesne assignments, to New Wrinkle, Inc., Dayton, Ohio. Imitation leather finish. 2,124,703; July 26.
- Kittredge, Harvey G., assignor to The Kay & Ess Chemical Corporation, Dayton, Ohio. Rubberlike product. 2,134,335; Oct. 25.
- Kittredge, Harvey G., and F. W. Williams, assignors to Foilfilm, Inc., Dayton, Ohio. Metal foil. 2,115,584; Apr. 26.
- Kittredge, Harvey G., Dayton, and S. J. Broderick, Yellow Springs, assignors to Foilfilm, Inc., Dayton, Ohio. Gas-tight packing box. 2,121,667; June 21.
- Kittredge, Harvey G., and F. W. Williams, assignors to Foilfilm, Inc., Dayton, Ohio. Cigarette case. 2,124,231; July 19.
- Kittredge, Harvey G., and F. W. Williams, assignors to Foilfilm, Inc., Dayton, Ohio. Metal foil. 2,124,232; July 19.
- Kittredge, John W., Akron, Ohio. Flexible coupling for shafting. 2,125,615; Aug. 2.
- Kittredge, Ray E., assignor to Joseph Reid Gas Engine Company, Oil City, Pa. Safety stop for internal combustion engines. 2,131,811; Oct. 4.
- Kittrell, Milton J., assignor to Hardsocg Manufacturing Company, Ottumwa, Iowa. Detachable fastening for drill bits. 2,111,785; Mar. 22.
- Kitzmillier, Frank Y., Reading, Pa. Thread clipping machine. 2,113,112; Apr. 5.
- Kivlen, John P., Allentown, and G. E. Strohl, Northampton, Pa. Full floating hub liner. 2,125,028; July 26.
- Kivley, Ray C., Oak Park, and G. Stuhlfauth, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,105,084; Jan. 11.
- Kizaur, Arthur J. (See Wantz, J. B., and Kizaur.)
- Kizaur, Charles J. (See Johnson, Glenn G., assignor.)
- Kjems, Holger L. P., assignor to A. J. H. Kongsted, Copenhagen, Denmark. Recovery of hormones. 2,129,584; Sept. 6.
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Oscillation restraint mechanism for locomotives or cars. 2,108,676; Feb. 15.
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Restraint device. 2,111,428; Mar. 15.
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Restraint device. 2,111,429; Mar. 15.
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Railway truck. 2,113,465; Apr. 5.
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Railway truck. 2,123,053; July 5.
- Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Vehicle truck construction. 2,125,184; July 26.
- Klaar, Albert, assignor to Anker Werke A.-G., Bielefeld, Germany. Blocking device for cash registers, book-keeping machines, or the like. 2,137,845; Nov. 22.
- Klaar, Albert, Bielefeld, F. Rndt, and H. Berning, Essen, Germany, assignors, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Controlling mechanism for cash registers and bookkeeping machines. 2,107,445; Feb. 8.
- Klaassens, Klaas H. (See de Boer, J. H., and Klaassens.)
- Klaeden, F. (See Elliot, J. B., and Klaeden.)
- Klages, Charles H., Brooklyn, N. Y. Tie mounting. 2,133,328; Oct. 18.
- Klages, Frank E. P., Park Ridge, assignor to The Powers Regulator Company, Chicago, Ill. Apparatus for evolving water vapor. 2,122,573; July 5.
- Klages, Wilhelm. (See Kriwat, H., and Klages.)
- Klahn, Emil, deceased, New Vernon, N. J.; J. M. Percival, administratrix. Thermostatically operated electrical device. 2,127,821; Aug. 23.
- Klahn, Sidney B., Portland, Ore. Bank deposit bag. 2,113,089; Apr. 5.
- Klahre, Hugo A., Teaneck, N. J., assignor to Consolidated Trimming Corporation, New York, N. Y. Automatic loop feed for machines for applying ornamentation to header loops. 2,104,398; Jan. 4.
- Klahre, Hugo A., Teaneck, N. J., assignor to Consolidated Trimming Corporation, New York, N. Y. Curtain Trimming. 2,141,795; Dec. 27.
- Klalber, Edward C., Memphis, Tenn., assignor to Wabash Screen Door Company, Chicago, Ill. Chair seat. 2,132,482; Oct. 11.
- Klaber, Erich, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Double magneto. 2,116,353; May 3.
- Klamet Corporation. (See Catlin, Vincenzo, assignor.)
- Klamp, Paul, assignor to The Timken Roller Bearing Company, Canton, Ohio. Making roller bearing members and rolled blanks therefor. 2,126,893; Aug. 10.
- Klampeier, Godfried F., Dearborn, Mich. Parking brake. 2,119,638; June 7.
- Klangfilm G. m. b. H. (See Freese, H., and Müller, as signors.)
- Klangfilm G. m. b. H. (See Gerlach, Erwin, assignor.)
- Klangfilm G. m. b. H. (See Kleffed, Fritz, assignor.)
- Klangfilm G. m. b. H. (See Schwarz, Karl, assignor.)
- Klapheck, Wolfgang. (See Baensch, W., and Klapheck.)
- Klaproth, Gustav. (See Kitzkalla, H., Ufer, Ernest, and Klaproth.)
- Klarer, Josef. (See Metzsch, P., and Klarer.)
- Klarke, Joseph, Mishawaka, assignor to South Bend Toy Mfg. Co., South Bend, Ind. Toy. 2,118,249; May 24.
- Klarman, Emil, Jersey City, assignor to Lehn & Fink Products Corporation, Bloomfield, N. J. Monoalkyl chlorophenols. 2,139,550; Dec. 6.
- Klasey, John H. (See Erlson, G. R., and Klasey.)



- Klassen, Harry G., Chicago, Ill. Rotary match lighter. 2,104,464; Jan. 4.
- Klaubauf, Jacob, Berlin-Halensee, Germany. Shoe and making same. 2,124,621; July 26.
- Klaus, Sidney D., Jamaica, N. Y. Device for viewing X-ray pictures and the like. 2,107,738; Feb. 8.
- Klavik, Miloš, Koprivnice, Czechoslovakia. Body for rear engine motor vehicles. 2,127,409; Aug. 16.
- Klavik, Miloš, Koprivnice, Moravia, Czechoslovakia. Arrangement and mounting of the axle gear in motor vehicles. 2,140,876; Dec. 20.
- Klawitter, Andrew L., Chicago, Ill. Fluid control device. 2,117,096; May 10.
- Kleaver, Estelle B. (See Bettis, William I., assignor.)
- Kleber, Jackson O., Long Island City, N. Y. Sound record and its production. 2,112,699; Mar. 29.
- Kleber, Jackson O., New York, N. Y. Phonograph. 2,114,881; Apr. 19.
- Klecan, Charles E., assignor to P. R. Oftedal, Chicago, Ill., doing business under the style and firm name of Protek Weather-Strip Mfg. Co. Door closure. 2,107,949; Feb. 8.
- Klecka, Joseph, Downers Grove, Ill. Passing ball. 2,105,861; Jan. 18.
- Kleeb, Leonard, Jr., Fall River, Mass., assignor, by mesne assignments, to The Terrell Machine Company, Charlotte, N. C. Bobbin stripper. 2,132,344; Oct. 4.
- Kleeberg, Gunther K. E., Chicago, Ill. Rivet. 2,118,561; May 24.
- Kleen, Werner. (See Rothe, H., and Kleen.)
- Kleintainers (British & Overseas) Ltd. (See Butler, William J., assignor.)
- Kleerup, Alex, Flushing, N. Y., assignor to Kelco Company, San Diego, Calif. Manufacture of alginate whipped cream and product. 2,137,916; Nov. 22.
- Kleerup, Bertel J., assignor to Society for Visual Education, Inc., Chicago, Ill. Slide carrier. 2,113,844; Apr. 12.
- Kleerup, Bertel J., assignor to Society for Visual Education, Inc., Chicago, Ill. Film rewind take-up. 2,113,845; Apr. 12.
- Kleerup, Bertel J., assignor to Society for Visual Education, Inc., Chicago, Ill. Framing mechanism. 2,126,474; Aug. 9.
- Kleerup, Bertel J., assignor to Society for Visual Education, Inc., Chicago, Ill. Slide carrier. 2,136,746; Nov. 15.
- Kleffel, Fritz, assignor to Klangfilm G. m. b. H., Berlin, Germany. Multiplex film phonograph. 2,105,661; Jan. 18.
- Kleffel, Harrison E., New York, N. Y. Boiler. 2,141,917; Dec. 27.
- Kleffman, John, Hibbing, Minn. Chain snare lock. 2,110,333; Mar. 8.
- Kleid, Peter, San Francisco, Calif. Sediment remover. 2,139,961; Dec. 13.
- Kleiderer, Ervin C., and H. A. Shonle, assignors to Eli Lilly and Company, Indianapolis, Ind. Antistrepococci agents and process of making same. 2,117,251; May 10.
- Kleimenhagen, Karl, La Salle, Ill., assignor to Carus Chemical Company. Preparation of hydroquinone from quinone. 2,129,429; Sept. 6.
- Klein, A., & Co. Inc. (See Klein, Adolph, assignor.)
- Klein, Abraham J. (See Little, G. W., and Klein.)
- Klein, Adolf, New York, N. Y. Piano action. 2,123,736; July 12.
- Klein, Adolph, New York, N. Y., assignor to A. Klein & Co. Inc. Container. 2,124,036; July 19.
- Klein, Benjamin, Long Island City, assignor of one-third to E. R. Mihm and one-third to R. Herman, New York, N. Y. Shipping and display package. 2,124,335; July 19.
- Klein, Carl E. (See Eldridge, H. B., and Klein.)
- Klein, Charles H., assignor to The National Telephone Supply Company, Cleveland, Ohio. Cable supporting device. 2,106,006; Jan. 18.
- Klein, Charles H., assignor to The National Telephone Supply Company, Cleveland, Ohio. Wire connecting device. 2,106,007; Jan. 18.
- Klein, Charles H., assignor to The National Telephone Supply Company, Cleveland, Ohio. Sign bracket. 2,113,180; Apr. 5.
- Klein, Charles H., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire spacing bracket. 2,112,370; Mar. 29.
- Klein, Clarence J., Steubenville, Ohio, and F. Z. Fouse, Hollidays Cove, W. Va. Conveyor. 2,114,146; Apr. 12.
- Klein, David X. (See Lee, H. R., and Klein.)
- Klein, David X. (See Tinker, J. M., Spiegler, and Klein.)
- Klein, David X., Milwaukee, and H. R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of naphthophenazine dyestuffs. 2,126,475; Aug. 9.
- Klein, Felix, Brunn, Czechoslovakia. Odor-trap draining device. 2,136,945; Nov. 15.
- Klein, Felix, Brunn, Mahren, Czechoslovakia. Waste fitting for baths and the like. 2,137,496; Nov. 22.
- Klein, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Spinning unit. 2,115,268; Apr. 26.
- Klein, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Winding machine. 2,125,927; Aug. 9.
- Klein, Frederick, Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Yarn control means. 2,128,487; Aug. 30.
- Klein, Frederick, Glen Rock, and H. Uhlig, Clifton, assignors to Sipp-Eastwood Corporation, Paterson, N. J. Yarn control means. 2,124,422; July 19.
- Klein, George. (See Zum-Berge, Emil, H., assignor.)
- Klein, Harry H., New York, N. Y. Hair curler. 2,118,312; May 24.
- Klein, Henry J., Washington, D. C. Headlight for automobiles. 2,109,748; Mar. 1.
- Klein, Hermann, Stuttgart-Feuerbach, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Starting device for internal combustion engines. 2,128,947; Sept. 6.
- Klin, Irving, Averno, N. Y. Suit hanger. 2,117,178; May 10.
- Klein, Leonard, Clarksdale, Ariz., assignor to Phelps Dodge Corporation, New York, N. Y. Cyanide process. 2,124,421; July 19.
- Klein, Lewis H., Chicago, Ill. Printing type and method of manufacturing. 2,131,289; Sept. 27.
- Klein, Louis E., Bronx, N. Y. Elevator cab. 2,133,621; Oct. 18.
- Klein, Mary T., San Diego, Calif. Smoker's table set. 2,109,727; Mar. 1.
- Klein, Maurus, Lausanne, Switzerland. Method and apparatus for manufacturing electrical cables. 2,130,394; Sept. 20.
- Klein, Maximilian, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Steam gauge. 2,113,482; Apr. 5.
- Klein, Maximilian, and R. A. Tollefsen, assignors to United States Gauge Company, Sellersville, Pa. Control device. 2,123,652; July 12.
- Klein, Maximilian, and B. Willach, Sellersville, and W. Stader, Perkasia, assignors to United States Gauge Company, Sellersville, Pa. Vehicle compass. 2,132,168; Oct. 4.
- Klein, Paul M. (See Wolff, L., nêe Saling, assignor.)
- Klein, Schanzlin & Becker Aktiengesellschaft. (See Böllinger, H. S. W., and Gottschalk, assignors.)
- Klein, Victor G., assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,116,760; May 10.
- Klein, Victor G., assignor to Lincoln Engineering Company, St. Louis, Mo. Injector. 2,122,177; June 28.
- Kleine, Otto A., Chicago, Ill. Eyeshade. 2,109,115; Feb. 22.
- Kleiner, Helmut. (See Delfs, D., Kleiner, and Kollmann.)
- Kleiner, Helmut, Cologne-Mulheim, O. Bayer, Leverkusen-I. G. Werk, and W. Kunze, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuffs. 2,135,008; Nov. 1.
- Kleinert, I. B., Rubber Company. (See Guinzberg, Roland H., assignor.)
- Kleinert, I. B., Rubber Company. (See Simon, Max, assignor.)
- Kleinicke, Werner E., Coalwood, W. Va., and G. P. Hevenor, Malba, assignors to The Johnson-March Corporation, New York, N. Y. Method and composition for treating coal. 2,116,682; May 10.
- Kleinkauf, James B., East Orange, and D. K. Martin, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio directional indicator. 2,107,155; Feb. 1.
- Kleinman, Jacob L., New York, N. Y. Tennis set. 2,128,948; Sept. 6.
- Kleinmann, Max, New York, N. Y. Lining and tie. 2,113,113; Apr. 5.
- Kleinmann, Max, New York, N. Y. Lining for ties. 2,123,900; July 19.
- Kleinschmidt, Edward E., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Tape printer. 2,115,991; May 3.
- Kleinschmidt, Edward E. and E. F., Highland Park, assignors to Teletype Corporation, Chicago, Ill. Facsimile printing telegraph system and apparatus. 2,131,741; Oct. 4.
- Kleinschmidt, Edward F. (See Kleinschmidt, Edward E. and E. F.)
- Kleinschmidt, Edward F., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Automatic tape transmitter. 2,126,397; Aug. 9.
- Kleinschmidt, Hans E., Berlin, Germany. Method of and machine for marking leather or the like. 2,122,945; July 5.
- Kleinstuck, C. Hubbard, executor. (See Crane, Augustus W.)
- Kleist, Dale, and J. H. Thomas, Newark, Ohio, assignors to Owens-Illinois Glass Company. Method and apparatus for strengthening fibers. 2,121,802; June 28.
- Klem, Aage. (See Laland, P., and Klem.)
- Klema, Frank M., Racine, Wis. Speed change mechanism. 2,129,138; Sept. 6.
- Klema, Frank M., Racine, Wis. Speed change mechanism. 2,129,139; Sept. 6.
- Klema, Joseph N., and T. S. Thompson, Austin, Minn. Switch for traffic signals. 2,141,355; Dec. 27.
- Kleman, Albert F., Dover, N. J. Beverage saving and pipe cleaning device. 2,120,865; June 14.
- Klemm, Hanns, Boblingen, Germany. Monospar cantilever aircraft wing. 2,123,429; July 12.



- Klenam, Herman G., Baltimore, and B. C. Boulton, Towson, assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,134,447; Oct. 25.
- Klemm, Leo A., Stevensville, Mich. Liquid dispenser. 2,123,784; July 12.
- Kleinm, William G., assignor to Speed-O-Print Corporation, Chicago, Ill. Duplicating machine. 2,112,340; Mar. 29.
- Klemm, William G., assignor to Speed-O-Print Corporation, Chicago, Ill. Feeding device. 2,112,341; Mar. 29.
- Klemme, Maurice G., assignor to Eagle Foundry Company, Belleville, Ill. Cooking stove. 2,110,708; Mar. 8.
- Klemperer, Otto. (See Keyston, J. E., Nicoll, and Klemperer.)
- Klemperer, Otto, Iver, assignor to Electric and Musical Industries, Ltd., Hayes, England. Electron discharge device. 2,138,928; Dec. 6.
- Klemschowski, Karl, Little Ferry, and P. Vrane, West New York, N. J. Porous pipe. 2,130,498; Sept. 20.
- Klemt, Charlie, San Antonio, Tex. Coin collecting means. 2,113,989; Apr. 12.
- Klemt, Charlie, San Antonio, Tex. Parking meter. 2,115,024; Apr. 26.
- Klepetchko, Ernest, Pacific Palisades, and L. G. Wright, Los Angeles, Calif. Recovery of sulphur. 2,121,544; June 21.
- Klepper, Gustav, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Hydraulic transmission gear. 2,128,828; Aug. 30.
- Klespe, William C., assignor to Yates-American Machine Company, Beloit, Wis. Radiator construction. 2,132,483; Oct. 11.
- Kleucker, George M., St. Louis, Mo. Fluid cooling apparatus and method. 2,119,864; June 7.
- Klicka, George, San Diego, Calif. Building wall construction. 2,116,900; May 10.
- Klie, Frank H., Paris, Ill. Fly swatter. 2,134,193; Oct. 25.
- Kliegl Bros. Universal Electric Stage Lighting Co. (See Engelen, Richard C., assignor.)
- Kliesrath, Victor W. (See Bragg, C. S., and Kliesrath.)
- Kliesrath, Victor W., Port Washington, Long Island, N. Y., assignor to The Steel Wheel Corporation, Chicago, Ill. Driving mechanism. 2,110,021; Mar. 1.
- Kliesrath, Victor W., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Cover. 2,110,022; Mar. 1.
- Kliesrath, Victor W., assignor to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,111,290; Mar. 15.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Motor vehicle. 2,111,563; Mar. 22.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Vehicle. 2,112,101; Mar. 22.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Vehicle. 2,113,656; Apr. 12.
- Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control mechanism. 2,124,781; July 26.
- Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control. 2,130,848; Sept. 20.
- Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Vehicle. 2,131,184; Sept. 27.
- Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,134,520; Oct. 25.
- Kliesrath, Victor W., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,140,750; Dec. 20.
- Kliesrath, Victor W., and R. S. Sanford, assignors, to Bragg-Kliesrath Corporation, South Bend, Ind. De-clutching mechanism. 2,134,519; Oct. 25.
- Klimek, Gustav A., East Rutherford, N. J., assignor to Diehl Corporation, New York, N. Y. Synchro selective constant mesh transmission. 2,108,986; Feb. 22.
- Klimek, Gustav A., East Rutherford, N. J., assignor to Diehl Corporation, New York, N. Y. Torque converter. 2,128,560; Aug. 30.
- Klimmer, Franz, Berlin-Oberschönnewalde, assignor to Felten & Guillaume Carlsberg Actien Gesellschaft, Cologne-Mulheim, Germany. Conductor with air space insulation. 2,116,267; May 3.
- Klimmer, Franz, Berlin-Oberschönnewalde, assignor to Felten & Guillaume Carlsberg Actien Gesellschaft, Cologne-Mulheim, Germany. High frequency conductor. 2,116,268; May 3.
- Klin, Rosamond L., London, England. Brassière. 2,118,400; May 24.
- Kline, Harold J., Patterson, N. Y. Detachable sailing keel for row boats and the like. 2,119,881; June 7.
- Kline, Hayden B., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,130,386; Nov. 15.
- Kline, Hayden B., W. P. Kneubusch, and A. H. Burke, holders, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,115,025; Apr. 26.
- Kline, Morris, Chicago, Ill. Chenille yarn. 2,134,484; Oct. 25.
- Kline, Seth Q., assignor to General Show Card Machine Company, Inc., Washington, D. C., Printing press clamp. 2,108,490; Feb. 15.
- Klinedinst, Milford S., Philadelphia, Pa., O. B. Gunby, Merchantville, N. J., and H. Belar, Philadelphia, Pa., assignor to Radio Corporation of America. Amplifier with oscillation producing adjustment. 2,121,434; June 21.
- Kling, August J., Schenectady, N. Y., assignor to General Electric Company. Evacuated receptacle. 2,125,113; July 26.
- Kling, Walter. (See Wolf, B., Kling, and Rau.)
- Kling, Walter, and E. Götze, assignors to Boehme Fettchemie-Gesellschaft m. b. H. Chemnitz, Germany. Treatment of fibrous materials. 2,114,564; Apr. 19.
- Kling, Walter, and E. Götze, assignors to Boehme Fettchemie-Gesellschaft m. b. H., Chemnitz, Germany. Treatment of fibrous materials. 2,128,613; Aug. 30.
- Klingelhoefer, William C., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Nitric oxide oxidation. 2,115,173; Apr. 26.
- Klingelberg, W. Ferd., Söhne. (See Schicht, Heinrich, assignor.)
- Klingenfuss, Max, Basel, Switzerland, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Manufacture of ethers of 2-methyl-3-chloro-tetrahydrofuran. 2,123,653; July 12.
- Klingenfuss, Max, Basel, Switzerland, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Manufacture of vitamin B<sub>1</sub>. 2,127,446; Aug. 16.
- Klingensmith, Frank L., Bloomfield Hills, Mich. Lining concrete pipes. 2,109,044; Mar. 1.
- Klinger, Norman, Cleveland, Ohio. Game apparatus. 2,140,082; Dec. 13.
- Klingler, Paul C., and G. B. Scheffey, assignors to Super-Speed Press Corporation, Riverside, N. J. Punching machine and the like. 2,112,850; Apr. 5.
- Klinkenstein, Gustave. (See Barsky, G., Klinkenstein, Rohleder, and Silleck.)
- Klinkenstein, Gustave, Maplewood, N. J. Laminated material. 2,112,030; Mar. 22.
- Klinker, Louis G., Hammond, Ind., assignor to The Glidden Company, Cleveland, Ohio. Pellet litharge. 2,132,423; Oct. 11.
- Klippel, Howard B., and C. H. Sorrick, Jr., Akron, Ohio, assignors to American Hard Rubber Company, Niagara Falls, N. Y. Mold for presses. 2,120,282; June 14.
- Klipstein, Kenneth H., Short Hills, assignor to Calco Chemical Co., Inc., Bound Brook, N. J. Wood preservative. 2,106,983; Feb. 1.
- Klitzke, William G., Portland, Oreg. Lubricating fluid. 2,120,616; June 14.
- Klix, Hugo C., assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch-lever plate. 2,117,482; May 17.
- Klix, Paul T., assignor to W. C. Lipe, Inc., Syracuse, N. Y. Adjustable chamfering tool and holder. 2,135,819; Nov. 8.
- Klocke, William, Woodhaven, N. Y. Press-slide with gag-connection. 2,138,106; Nov. 29.
- Kloess, Hans K., Bremen, Germany. Ship form. 2,113,466; Apr. 5.
- Klopp, Alfred W., Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making matrices. 2,105,694; Jan. 18.
- Klöne, Kurt, Düsseldorf, Germany. Apparatus for briquetting metal shavings. 2,118,205; May 24.
- Kloner, Joseph H., Brooklyn, N. Y. Pseudo neon sign. 2,106,031; Jan. 18.
- Kloßkner-Werke A.-G. (See Kippe, Otto, assignor.)
- Klopfenstein, Jesse D., Huntington, assignor to Process Machine Corporation, Fort Wayne, Ind. Printing machine. 2,110,140; Mar. 8.
- Klopper, Hans, Brussels, Belgium, assignor to E. A. Hans, London, England. Electric lamp holder and other electric fittings. 2,110,508; Mar. 8.
- Klopper, Volkmar, Dresden, Germany. Production of durable polysulphide solutions suitable for injection. 2,135,642; Nov. 8.
- Klopsch, Otto Z., and G. H. Bradley, Pleasant Ridge, assignor to Wolverine Tube Company, Detroit, Mich. Extrusion press. 2,139,551; Dec. 6.
- Klöß, Heinrich. (See Westphal, K., and Klöß.)
- Klose, Hermann W. (See Frederick, E., and Klose.)
- Klosky, Simon, Westfield, assignor to The American Agricultural Chemical Company, Newark, N. J. Purification of crude phosphorus. 2,123,554; July 12.
- Klosterman, Harry W. (See Ross, Fred, assignor.)
- Klotz, Alfred, Munich, Germany. Papain product and preparing same. 2,130,137; Sept. 13.
- Klotz, Ernst. (See Jobst, G., and Klotz.)
- Klotz, H. O., Bethel, Conn. Precast floor construction. 2,109,677; Feb. 15.
- Kloboch, Max B., et al., trustees. (See Primov, Paul S., assignor.)
- Klug, Johanna, New York, N. Y. Blow ball. 2,118,609; May 24.
- Kluge, Abel and E., assignors to Brandtlen and Kluge, Inc., St. Paul, Minn. Side register gauge for printing presses. 2,138,107; Nov. 29.
- Kluge, Eneval. (See Kluge, Abel and E.)
- Klump, Eberhard, Wandsbeck near Hamburg, Germany. Manufacture of basic copper carbonate. 2,112,101; Mar. 29.
- Kluson, John F., Chicago, Ill. Tuning head for stringed instruments. 2,132,797; Oct. 11.



- Klutke, Fritz, Berlin-Johannisthal, Germany, assignor to General Electric Company. Measuring instrument for alternating current circuits. 2,137,846; Nov. 22.
- Klyver, Albert N., assignor to The Lamson Company, Syracuse, N. Y. Chute. 2,124,964; July 26.
- Knaell, Kenneth K. (See Blau, H. H., and Knaell.)
- Knaggs, Donald W., City Island, assignor to Anigraphic Process, Inc., New York, N. Y. Printing on nonabsorptive surfaces. 2,119,546; June 7.
- Knake, Max C. (See Castner, J. B., and Knake.)
- Knapheide, Merle D., P. Caldwell, and W. P. Elmslie, Quincy, assignors to Moorman Manufacturing Company, Chicago, Ill. Formed mineral mixture. 2,124,950; July 26.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Electrical appliance. 2,140,158; Dec. 13.
- Knapp, Archer L., assignor to Packard Motor Car Company, Detroit, Mich. Latch mechanism. 2,122,612; July 5.
- Knapp, George, St. Louis, Mo., assignor to Certain-teed Products Corporation. Roofing. 2,112,898; Apr. 5.
- Knapp, George, St. Louis, Mo., assignor to Certain-teed Products Corporation, New York, N. Y. Covering material. 2,118,250; May 24.
- Knapp, John F., Oakland, Calif., assignor to American Tractor Equipment Corporation. Earth moving device. 2,107,118; Feb. 1.
- Knapp, John F., Oakland, Calif., assignor to American Tractor Equipment Corporation. Earth moving device. 2,136,551; Nov. 15.
- Knapp, Kenneth C., Galva, assignor of one-fourth to O. L. Sherrill, Canton, and one-tenth to S. R. Knapp, McPherson, Kans. Pipe-line reclaimer. 2,105,602; Jan. 18.
- Knapp-Monarch Company. (See Fischer, William H., assignor.)
- Knapp-Monarch Company. (See Gundelfinger, William E., assignor.)
- Knapp-Monarch Company. (See Huffman, Russell I., assignor.)
- Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
- Knapp-Monarch Company. (See Kochner, W. B., and Newnham, assignors.)
- Knapp-Monarch Company. (See Smith, Howard, assignor.)
- Knapp-Monarch Company. (See Smith, Howard A., assignor.)
- Knapp-Monarch Company. (See Vea, Norman D., assignor.)
- Knapp, Paul, Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of lower aliphatic acids. 2,138,582; Nov. 29.
- Knapp, Percy V., A. I. Senior, M. McNabb, and E. H. T. Bensemann, Motueka, New Zealand. Oil burner. 2,137,673; Nov. 22.
- Knapp, Raymond, Long Island City, N. Y. Hair clipper. 2,111,861; Mar. 22.
- Knapp, S. R., et al. (See Knapp, Kenneth C., assignor.)
- Knapp, William A. (See Hartmann, J., and Knapp.)
- Knapp, William A., and W. W. Gregory, Monroe, La., assignors to Imperial Oil & Gas Products Company, Pittsburgh, Pa. Method of and apparatus for forming condensed carbon black. 2,121,635; June 21.
- Knaub, Ralph H., Brooklyn, assignor to Amalgamated Textiles, Ltd., New York, N. Y. Book. 2,121,297; June 21.
- Knauff, Harry A., Pittsburgh, Pa. Latch. 2,135,105; Nov. 1.
- Knauss, Edward, San Francisco, Calif., assignor, by mesne assignments, to Monarch Governor Company, Detroit, Mich. Governor. Re. 20,768; June 21.
- Knauth, Ernest F., deceased, by F. O. Knauth, executrix, Brooklyn, N. Y. Adjustable chair. 2,136,852; Nov. 15.
- Knauth, Ffine O., executrix. (See Knauth, Ernest F.)
- Knebusch, Walter F. (See Kline, H. B., Knebusch, and Burkholder.)
- Knebusch, Walter F., Cleveland, and F. F. Hillix, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Transfer device. 2,124,576; July 26.
- Knebusch, Walter F., Cleveland, and F. F. Hillix, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Transfer device. 2,133,993; Oct. 25.
- Knecht, Alfred, Stuttgart-Bad-Cannstatt, Germany. Filter. 2,136,853; Nov. 15.
- Knecht, Oskar, and T. Wirth, assignors to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Red azo-dyestuffs and their manufacture. 2,105,862; Jan. 18.
- Knechtel, Erich, Sydowsaue, near Stettin, Germany, assignor to North American Rayon Corporation, New York, N. Y. Avoiding the overcharging of drives for rayon centrifuges. 2,107,758; Feb. 8.
- Knee, Aaron A., assignor to Vanak Corporation, Charlotte, N. C. Check for check controlled apparatus. 2,133,250; Oct. 11.
- Kneen, Russell P. (See Gardner, E., and Kneen.)
- Kneeter, Samuel A., San Francisco, Calif. Cover for golf club heads. 2,115,307; Apr. 26.
- Kneff, Clinton W., Bridgeville, Pa. Pin cutter. 2,114,926; Apr. 19.
- Kneisley, Richard F., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Control switch. 2,138,279; Nov. 29.
- Knerr, Horace C., Philadelphia, Pa., assignor to Steel & Tubes, Inc., Cleveland, Ohio. Method and apparatus for testing metal articles for defects. 2,124,577; July 26.
- Knerr, Horace C., Philadelphia, and A. R. Sharples, Drexel Hill, Pa., assignors to Steel & Tubes, Inc., Cleveland, Ohio. Apparatus and method for testing metal articles. 2,124,578; July 26.
- Knerr, Horace C., Philadelphia, and A. R. Sharples, Drexel Hill, Pa., assignors to Steel and Tubes, Inc., Cleveland, Ohio. Method of and apparatus for testing metallic articles. 2,124,579; July 26.
- Knerr, Lewis E., Portland, Oreg., assignor to United States of America, as represented by the Secretary of War. Lifting beam mechanism. 2,119,547; June 7.
- Knerr, Lewis E., Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War. Mechanism for selectively hooking segmental gate structures. 2,125,928; Aug. 9.
- Knerr, Lewis E., Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War. Sealing means for segmental gates. 2,126,783; Aug. 16.
- Knettle, Le Roy J., Gloucester, N. J. Nut threading device. 2,130,348; Sept. 20.
- Knibbs, Norman V. S. (See Palfreeman, H., and Knibbs.)
- Knibbs, Norman V. S., Westwood, New Barn, Longfield, and A. P. Pehrson, Streatham, London, assignors to The Continental Investment Syndicate Limited, London, England. Utilization of colliery shale and other waste bituminous shales in the manufacture of cementitious products. 2,135,542; Nov. 8.
- Knickerbocker Rubber Company. (See Holden, Orloff W., assignor.)
- Knie, Robert L. (See Vandiver, James C., assignor.)
- Kniepkamp, Heinrich, Berlin-Pankow, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electric discharge apparatus. 2,106,847; Feb. 1.
- Kniffen, Roy S., Duluth, Minn. Railway tie cutting machine. 2,114,053; Apr. 12.
- Knight, Albert B., Fairmont, W. Va. Variable speed transmission. 2,107,483; Feb. 8.
- Knight, Alfred W., et al. (See Miller, Harold C., assignor.)
- Knight, Alfred W. (See Montgomery, Henry S., assignor.)
- Knight, Arthur H., Blackley, England, assignor to Imperial Chemical Industries Limited. Monoazo dyestuffs and their production. 2,117,334; May 17.
- Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs and their production. 2,131,894; Oct. 4.
- Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs and their production. 2,134,521; Oct. 25.
- Knight, Arthur H., and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs and their production. 2,118,088; May 24.
- Knight, Arthur H., and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Sulphated polyethenoxy-alkylarylamines. 2,118,089; May 24.
- Knight, Arthur J., Bickley, and H. W. Cadman, Eltham, assignors to Sovex Limited, London, England. Classifying apparatus for postal matter. 2,119,919; June 7.
- Knight, Charlotte S., Merrick, N. Y. Water cooler. 2,113,483; Apr. 5.
- Knight, Claude M., Cleveland, Ohio. Automatic control system for electric motors. Re. 20,658; Feb. 22.
- Knight, Henry H., Canton, assignor to Davis & Furber Machine Company, North Andover, Mass. Fiber cutting mechanism for tape condenser or similar machines. 2,109,176; Feb. 22.
- Knight, Hugh, Claremont, assignor, by mesne assignments, to Emulsoids, Inc., San Francisco, Calif. Insecticidal oil spray. 2,124,782; July 26.
- Knight, Ira W., assignor to General Fire Extinguisher Company, Providence, R. I. Frangible link. 2,122,426; July 5.
- Knight, James L., Erie, Pa., assignor to General Electric Company. Refrigerator. 2,114,882; Apr. 19.
- Knight, James L., Erie, Pa., assignor to General Electric Company. Sliding shelf for refrigerator cabinets. 2,130,279; Sept. 13.
- Knight, James L., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 2,137,165; Nov. 15.
- Knight, James L., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 2,141,918; Dec. 27.
- Knight, Jesse L., Powellton, assignor of one-half to J. A. Burgess, Montgomery, W. Va. Combination mining bit gauge and wrench. 2,106,749; Feb. 1.
- Knight, Jesse L., Montgomery, and C. R. Stahl, Kimberly, W. Va. Separating means. 2,125,574; Aug. 2.
- Knight, John, Chester, Pa. Railway switch. 2,124,804; July 26.
- Knight, John B., Sr., Tampa, Fla. Protector tray. 2,140,232; Dec. 13.
- Knight, John M., Atlantic Highlands, N. J., assignor to American Car and Foundry Company, New York, N. Y. Reclining seat control mechanism. 2,130,767; Sept. 20.
- Knight, John M., Atlantic Highlands, N. J., and J. Schlenker, St. Charles, Mo., assignors to American Car and Foundry Company, New York, N. Y. Walk-over seat mechanism. 2,130,766; Sept. 20.



- Knight, Laurel, Amityville, N. Y. Glider swing. 2,129,140; Sept. 6.
- Knight, Nelson M., Weymouth Heights, Mass. Pulp screening machine. 2,122,475; July 5.
- Knight, Robert W., Collingswood, N. J., assignor to Radio Corporation of America. Control system for condenser winding machines. 2,111,786; Mar. 22.
- Knight, Samuel H., Lancaster, Pa. Parachute harness. 2,141,041; Dec. 20.
- Knight, Theodore C., Buffalo, N. Y. Method and apparatus for treating cementitious mixtures. 2,128,779; Aug. 30.
- Knight, William G., Derby, Maine. Superheater. 2,110,334; Mar. 8.
- Knight, William W. (See Keeler, B. A., and Knight.)
- Kniskern, Walter H., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Control mechanism. 2,136,693; Nov. 15.
- Kniskern, Walter H., Petersburg, Va., and C. K. Lawrence, Baldwinville, assignors, by mesne assignments, to The Solvay Process Company, New York, N. Y. Composition and process for the production of fertilizers. 2,116,866; May 10.
- Kniss, Frank C., Eldorado, Ark. Perforating gun for oil wells. 2,130,138; Sept. 13.
- Kniss, Frank C., and R. N. Vickers, Smackover, Ark. Well pump. 2,105,975; Jan. 18.
- Knitting Machines Corporation. (See Lieberknecht, Karl R., assignor.)
- Knitting Machines Corporation. (See Miller, Max C., assignor.)
- Knoblauch, Armand F., assignor to The Baldwin Company, Cincinnati, Ohio. Pick-up device for electrical musical instruments. 2,119,584; June 7.
- Knoble, Herman P., Cleveland, Ohio. Protection ticket. 2,121,203; June 21.
- Knoche, Rudolf. (See Delfs, D., and Knoche.)
- Knochenhauer, Günther, Lidöng, assignor to Aktiebolaget Spontan, Stockholm, Sweden. Cooling system for internal combustion engines. 2,129,846; Sept. 13.
- Knöchl, Leo, assignor to L. Schuler, A. G., Goppingen, Germany. Friction clutch. 2,130,139; Sept. 13.
- Knodel, Adolf, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Winding roll film. 2,129,847; Sept. 13.
- Knoderer, Homer G. (See Carlson, G., and Knoderer.)
- Knoderer, Homer G., Fairfield, Conn., assignor to General Electric Company. Electric cable. 2,133,863; Oct. 18.
- Knoebel, Hartman H., Jr., Elysburg, Pa. Necktie holder. 2,121,402; June 21.
- Knoerzer, Arthur T., Chicago, Ill., assignor to Champion Corporation, Hammond, Ind. Sewer cleaner. 2,128,650; Aug. 30.
- Knoll, Floyd A., assignor to Condor Products, Inc., Buffalo, N. Y. End fitting for suspenders. 2,124,671; July 26.
- Knoll, Hans. (See Zoettl, Robert, assignor.)
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television receiver tube. 2,106,250; Jan. 25.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,110,553; Mar. 8.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Mosaic electrode for television tubes. 2,116,901; May 10.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,121,356; June 21.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,130,280; Sept. 13.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,130,281; Sept. 13.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electroluminescent device. 2,131,185; Sept. 27.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,131,563; Sept. 27.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,139,683; Dec. 13.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,139,684; Dec. 13.
- Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,139,829; Dec. 13.
- Knoll, Max, Berlin-Westend, Germany, F. G. Houtermans, Hayes, England, and W. Schulze, Berlin-Charlottenburg, Germany. Electron microscope. 2,131,536; Sept. 27.
- Knoll, Max, and E. Sommerfeld, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,110,911; Mar. 15.
- Knoll, Max, and R. Kzechulka, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Indirectly heated cathode. 2,126,894; Aug. 16.
- Knoll, William V., assignor to Mid-West-Fulton Machine Company, Dayton, Ohio. Machine for refining paper stock. 2,126,264; Aug. 9.
- Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phasing and synchronizing of signaling apparatus. 2,126,265; Aug. 9.
- Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,134,718; Nov. 1.
- Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Synchronous receiving system. 2,135,581; Nov. 8.
- Knopf, Edward J. (See Cook, N. E., Knopf and Diehl.)
- Knopf, Paul, New York, N. Y. Rotating indicator dial. 2,115,530; Apr. 26.
- Knopp, Otto A., Oakland, Calif. Electric hot water range. 2,104,045; Jan. 4.
- Knorr-Bremse Aktiengesellschaft. (See Lauf, Hans, assignor.)
- Knös, Gunnar B., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electromagnetic relay. 2,134,448; Oct. 25.
- Knossalla, Albert A., St. Walburg, Saskatchewan, Canada. Automobile headlight turning device. 2,138,303; Nov. 29.
- Knote, John M., assignor to Quigley Company, Inc., South River, N. J. Making cellular refractory bodies. 2,122,288; June 28.
- Knoth, Richard B. (See Schuyler, A. L., Knoth, and MacLagan.)
- Knott, Carl, Philadelphia, Pa. Latch operating mechanism for automobiles. 2,136,854; Nov. 15.
- Knott, Clyde L. (See Topham, L. E., and Knott.)
- Knott, Frank W., Detroit, assignor to J. D. Dodge, Grosse Pointe, Mich. Emulsifier. 2,132,854; Oct. 11.
- Knott, Helen, Chicago, Ill. Electric cord take-up. 2,118,731; May 24.
- Knott, William M., Radburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical timing arrangement. 2,126,895; Aug. 16.
- Knowland, Richard G., Pelham, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Manufacture of floor coverings. 2,119,081; May 31.
- Knowland, Richard G., Pelham, N. Y., and J. N. Dow, Springfield, Mass., assignors to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Floor covering or rug. 2,140,457; Dec. 13.
- Knowles, Calvin W., San Francisco, Calif. Dental bridge and making same. 2,111,787; Mar. 22.
- Knowles, Dewey D. (See Gessford, R. K., and Knowles.)
- Knowles, Dewey D., Forest Hills, assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Mercury vapor arc lamp. 2,110,603; Mar. 8.
- Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Excitation system for vapor electric converters. 2,112,031; Mar. 22.
- Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic time delay. 2,114,883; Apr. 19.
- Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Light-sensitive system. 2,125,073; July 26.
- Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,126,398; Aug. 9.
- Knowles, Dewey D., Forest Hills, Pa., and E. F. Lowry, Batavia, Ill., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metal tube. 2,121,600; June 21.
- Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing wax-bearing mineral oil. 2,123,833; July 12.
- Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Separation of wax from hydrocarbon oils. 2,132,355; Oct. 4.
- Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing mineral oil. 2,134,336; Oct. 25.
- Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing mineral oil. 2,134,337; Oct. 25.
- Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing mineral oil. 2,137,209; Nov. 15.
- Knowles, Edwin C., Beacon, N. Y., and E. W. McNulty, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Dewaxing wax-bearing oil. 2,132,354; Oct. 4.
- Knowles, Freeman, assignor of one-half to W. La Rowe, Northville, N. Y. Fur clipping machine. 2,137,166; Nov. 15.
- Knowles, James P., assignor to M. J. Coe, Kansas City, Mo. Lamp guard. 2,125,450; Aug. 2.
- Knowles, William, North Andover, Mass. Roving machine. 2,127,410; Aug. 16.
- Knowlton, Clarence S., Springfield and H. M. Spicer, Ridgewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,130,499; Sept. 20.
- Knowlton, Cutler D., Beverly, assignor to Houghton Sprague Corporation, Lynn, Mass. Edge notching mechanism for blank making machines. 2,115,723; May 3



- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Creasing mechanism for blank-making machines. 2,115,724; May 3.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Feeding apparatus. 2,119,585; June 7.
- Knowlton, Harry W., Lowell, Mass. Return air condenser system for mappers. 2,128,366; Aug. 30.
- Knowlton, Theodore E., Watertown, N. Y. Method and apparatus for preventing slipping in printing. 2,139,164; Dec. 6.
- Knox, Arthur D., et al. (See Rayburn, Alden G., assignor.)
- Knox, Elmer J., Rivera, Calif. Two cycle internal combustion motor. 2,104,326; Jan. 4.
- Knox Glass Bottle Company. (See Thomas, Howard J., assignor.)
- Knox, Granville S., Los Angeles, assignor of one-half to B. E. Ahlport, La Canada, Calif. Gas-lift pump. 2,132,738; Oct. 11.
- Knox, Harry A., Washington, D. C. Track for track-laying vehicles. 2,129,696; Sept. 13.
- Knox, Harry A., Davenport, Iowa, and H. W. Evans, Wilkes-Barre, Pa. Turret mounting. 2,128,949; Sept. 6.
- Knox, Joseph R. (See Gascoigne, G. H., and Knox.)
- Knox, Maurice D. (See Allen, E. B., Knox, and Faulkner.)
- Knox, Samuel L. G., Englewood, N. J. Water tube boiler. 2,110,882; Mar. 15.
- Knox, Thomas B., Manchester, Mass. Curve plotting and drafting instrument. 2,138,494; Nov. 29.
- Knox, William H., Jr., and W. S. Miller, Nashville, Tenn., assignors to Victor Chemical Works. Removal of fluorine from phosphoric acid. 2,123,785; July 12.
- Knoble, Melvin R., Butte, Mont. Neckwear. 2,139,959; Dec. 13.
- Knudsen, Alex W., Rocky River, assignor to The Midland Steel Products Company, Cleveland, Ohio. Method and apparatus for working metal. 2,124,741; July 26.
- Knudsen, Frederick K. (See Craven, H. E., Jr., and Knudsen.)
- Knudsen, Hans, Streatham, England. Telephotographic apparatus and the like. 2,140,233; Dec. 13.
- Knudson, Irving J., Kenilworth, Ill., assignor to Detroit Lubricator Company, Detroit, Mich. Air conditioning system. 2,110,367; Mar. 8.
- Knudson, James, Chicago, Ill. Automobile collapsible berth. 2,105,740; Jan. 18.
- Knudson, Wilfred T., Montrose, S. Dak. Corn harvester. 2,139,962; Dec. 13.
- Knudstrup, Aksel J. C. (See Robinson, H. R., and Knudstrup.)
- Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Radio socket. 2,109,217; Feb. 22.
- Knutson, Eric E., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Vehicle toy. 2,121,152; June 21.
- Kobayashi, Norio, Kawachi-gun, Osaka, Japan. Ring for use in a spinning frame. 2,128,614; Aug. 30.
- Kobayashi, Yoshito. (See Kondo, H., Ikawa, and Kobayashi.)
- Kobe, Herman J., assignor of one-tenth to L. M. Weaver, Bryan, Ohio. Magazine for machine gun pistols. 2,130,722; Sept. 20.
- Kober, Philip A., Evanston, assignor to G. D. Searle & Co., Chicago, Ill. Preparing pharmaceutical products adapted for injection into the human body. 2,115,491; Apr. 26.
- Kober, Philip A., Evanston, assignor to G. D. Searle & Co., Chicago, Ill. Pharmaceutical products adapted for injection into the human body. 2,115,492; Apr. 26.
- Kober, Philip A., assignor to G. D. Searle & Co., Chicago, Ill. Preparing mucinous substances. 2,132,484; Oct. 11.
- Kobler, Paul, Lynbrook, N. Y. Copyholder for typewriters and office machines. 2,128,304; Aug. 30.
- Kobold, Joseph, assignor to Maschinenfabrik Esslinger, Esslingen-on-the-Neckar, Germany. Making dry ice blocks. 2,127,300; Aug. 16.
- Kobre, Benjamin. (See Carroll, Joseph, assignor.)
- Kobusch, Walter, assignor to Maschinenfabrik Friedrich Haas Kommanditgesellschaft, Remscheid-Lennep, Germany. Drying apparatus. 2,138,240; Nov. 29.
- Kobzy, Steven, Chicago, Ill. Forming electrical contacts. 2,116,269; May 3.
- Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Stop operating mechanism. 2,111,862; Mar. 22.
- Koca, James F., Woodstock, assignor to R. W. Sears, II, Chicago, Ill. Remote control mechanism for radio receiving sets. 2,122,613; July 5.
- Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Typewriter stop mechanism. 2,122,614; July 5.
- Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Reducing shock in the escapement mechanisms of typewriters. 2,138,324; Nov. 29.
- Koch, Albert, Cologne-Deutz, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Coating worked solid materials. 2,108,715; Feb. 15.
- Koch, Arthur A., Cleveland, Ohio. Margin adjustment guide. 2,110,129; Mar. 8.
- Koch, Earl L., Chicago, Ill., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron tube amplifying system. 2,118,286; May 24.
- Koch, Edwin W., Tremont, Ill. Photographic view finder. 2,111,972; Mar. 22.
- Koch, Ernst. (See Thomsen, C., Eckelmann, and Koch.)
- Koch, Ernst, Frankfurt-on-the-Main-Hochst, K. Dachlauer, Hofheim, and C. Thomsen, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tanning matter. 2,130,550; Sept. 20.
- Koch, Felix. (See Blest, M. C., and Koch.)
- Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fan construction. 2,140,017; Dec. 13.
- Koch, Herbert. (See Fischer, F., and Koch.)
- Koch, Herman, and J. L. Burke, Weehawken, N. J. Sealed package. 2,138,241; Nov. 29.
- Koch, Imre. (See Hunyadi, L., and Koch.)
- Koch, Jakob, Basel, and M. Bommer, Riehen, near Basel, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland. N'-dialkyl-2:2'-dipyrazole-anthrionyls and making same. 2,123,251; July 19.
- Koch, John C., Stockton, and H. T. Holbrook, Oakland, Calif. Drop tube for ice can agitation. 2,124,622; July 26.
- Koch, John J., Cleveland, Ohio. Device for adjusting and locking dampers. 2,123,998; July 19.
- Koch, Kurt, Eichwalde, near Berlin, Germany, assignor to General Electric Company. Circuit breaker. 2,117,892; May 17.
- Koch, Lynn J., Allentown, Pa. Internal combustion power unit. 2,127,222; Aug. 16.
- Koch, Nicholas E., Los Angeles, Calif. Safety apparatus for liquid fuel containers. 2,106,750; Feb. 1.
- Koch, Oscar W., Fort Riley, Kans. Scale pencil holder. 2,117,335; May 17.
- Koch, Otto L., J. D. Crumley, and D. Elder, Philadelphia, Pa. Spelling game. 2,128,749; Aug. 30.
- Koch, Paul, Plauen, Germany. Rotary printing machine. 2,115,725; May 3.
- Koch, Paul, assignor to J. R. Geigy A. G., Basel, Switzerland. Manufacture of coating preparations. 2,114,251; Apr. 12.
- Koch, Roderick M., Evansville, Ind. Special receptacle. 2,115,308; Apr. 26.
- Koch, Roderick M., Evansville, Ind. Flower protecting and display case. 2,115,309; Apr. 26.
- Koch, Theodoor, Oosterbeek, Netherlands, assignor to American Enka Corporation, Enka, N. C. Process and composition for treating natural and artificial fibers. 2,113,325; Apr. 5.
- Koch, Wilhelm. (See Keller, F., and Koch.)
- Koch, Wilhelm. (See Schnitzpahn, K., and Koch.)
- Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Automatic gain control circuit. 2,118,287; May 24.
- Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Regulated power unit. 2,127,822; Aug. 23.
- Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Automatic gain control circuit. 2,135,942; Nov. 8.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Signaling system. 2,118,610; May 24.
- Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,122,127; July 5.
- Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Coupling connection. 2,134,719; Nov. 1.
- Kochheiser, Max L., and S. A. Steere, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Tension testing machine. 2,136,344; Nov. 8.
- Kochner, William B., and E. Newnam, assignors to Knapp-Monarch Company, St. Louis, Mo. Food mixer and fruit juice extractor. 2,131,290; Sept. 27.
- Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Electrical musical instrument of the type employing gaseous discharge tubes. 2,128,367; Aug. 30.
- Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Electrical generation of musical tones. 2,139,023; Dec. 6.
- Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Stabilization of oscillation generator. 2,139,898; Dec. 13.
- Kocks, Fritz, Dusseldorf, Germany. Driving tube drawing benches. 2,140,633; Dec. 20.
- Kocour, Emil J., assignor to Sloan Valve Company, Chicago, Ill. Vacuum breaking device for preventing back siphonage in water systems. 2,105,044; Jan. 11.
- Koerberle, Karl. (See Kunz, M. A., and Koerberle.)
- Koerberle, Karl. (See Muenster, W., Bauer, Koerberle, and Bertl.)
- Koerberle, Karl, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Nitrogenous condensation products and producing same. 2,137,295; Nov. 22.
- Koerberle, Karl, and O. Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of compounds of the azabenzanthrone series. 2,115,445; Apr. 26.



- Koeberle, Karl, and J. Mueller, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone-azine series. 2,115,446; Apr. 26.
- Koeberle, Karl, W. Muenster, and W. Schneider, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Esters of leuco-acylamino-anthrapyrimidines. 2,117,431; May 17.
- Koeberle, Karl, H. Scholz, and J. Eisele, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of fast dyes. 2,117,614; May 17.
- Koeberle, Karl, and O. Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. High-molecular organic compounds. 2,117,730; May 17.
- Koeberle, Karl, and O. Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Naphthene-hydrocarbon-amino-anthrapyrimidines. 2,123,245; July 12.
- Koeberle, Karl, and O. Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Abietinyl-amino-anthrapyrimidines. 2,123,246; July 12.
- Koeberle, Karl, and E. Ploetz, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing azanthracene derivatives. 2,133,100; Oct. 11.
- Koeberle, Karl, and C. Steigerwald, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compounds of the anthrapyridine and anthrapyrimidine series. 2,138,381; Nov. 29.
- Koebler, Albert, Irvington, N. J., assignor to American Lithograph Division of the United States Printing and Lithograph Company. Display device. 2,113,406; Apr. 5.
- Koebler, Albert, Irvington, N. J., assignor to American Lithographic Division of the United States Printing and Lithograph Company. Display device. 2,120,411; June 14.
- Koegel, E. C. (See Ebrite, Arthur P., assignor.)
- Koehler, Charles H., Chicago, Ill. Electrical connector. 2,123,631; July 12.
- Koehler, Christopher L. (See Schock, C. R., and Koehler.)
- Koehler, Ernest F., Berlin, and G. W. Goerner, Bourne, Mass. Spark plug. 2,118,251; May 24.
- Koehler, Franz. (See Wolforn, U., and Koehler.)
- Koehler Manufacturing Company. (See Wheat, Grant, assignor.)
- Koehler, Oscar E., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Manufacturing threading dies. 2,121,435; June 21.
- Koehler, Oscar E., and E. R. Koonz, assignors to Greenfield Tap and Die Corporation, Greenfield, Mass. Tap. 2,114,448; Apr. 19.
- Koehring Company. (See Johnson, Charles S., assignor.)
- Koehring Company. (See Lichtenberg, Erich H., assignor.)
- Koehring Company. (See Lichtenberg, E. H., and Sheck, assignors.)
- Koelliker, George P. (See Carroll, Fred H., assignor.)
- Koenig, Alexander, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Machine for making filament supporting structures. 2,135,288; Nov. 1.
- Koenig, Alexander G., Cincinnati, Ohio. Stitching facilitating apparatus. 2,111,451; Mar. 15.
- Koenig, Alphonso L., Chicago, Ill. Apparatus for dispensing beverages. 2,138,454; Nov. 29.
- Koenig, Hilmer E., Farrar, Mo. Brooder stove regulator. 2,128,829; Aug. 30.
- Koenig, John, Philadelphia, assignor to Benjamin C. Betner Company, Devon, Pa. Bag machine. 2,123,508; July 12.
- Koenig, John H. (See Clark, F. M., and Koenig.)
- Koenig, Walter J., assignor to Sloane-Blabon Corporation, Philadelphia, Pa. Composition of matter and making the same. 2,108,893; Feb. 22.
- Koenig, Walter J., assignor to Sloane-Blabon Corporation, Philadelphia, Pa. Composition of matter and making the same. 2,116,072; May 3.
- Koenig, Walter J., assignor to Sloane-Blabon Corporation, Philadelphia, Pa. Composition of matter and making the same. 2,116,073; May 3.
- Koenig, Walter J., Philadelphia, Pa., assignor to Sloane-Blabon Corporation, Trenton, N. J. Composition of matter and making the same. 2,135,976; Nov. 8.
- Koenig, Walter J., Philadelphia, Pa., assignor to Sloane-Blabon Corporation, Trenton, N. J. Printing composition and manufacture. 2,136,108; Nov. 8.
- Koepfen, Hans, Berlin-Lichterfelde, and H. Grünscheder, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Automatic power transmission for automotive vehicles. 2,120,806; June 14.
- Koeppl, Carl G., assignor to one-half to A. W. Deller, New York, N. Y. Apparatus for reactivating spent decolorizing materials. 2,116,976; May 10.
- Koerner, Lawrence F., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal holder. 2,115,145; Apr. 26.
- Koenigkramer, Frank, and F. Koenigkramer, Cincinnati, Ohio. Litter or enrage. 2,110,227; Mar. 8.
- Koenigkramer, Frederick. (See Koenigkramer, Frank and F. G.)
- Koerner, Emil W., St. Louis, Mo. Powder dispenser. 2,128,488; Aug. 30.
- Koerner, Herman J., Woodhaven, N. Y. Butt-hinged structure. 2,115,816; May 3.
- Koerner, Theodore W., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,109,199; Feb. 22.
- Koerver, Friedrich W., Mulheim (Ruhr)-Speldorf, Germany. Hydropneumatic scavenging pump regulator for deep boring equipments. 2,141,356; Dec. 27.
- Koester, Herman W., Acme, N. C. Tobacco curing shed and heating plant therefor. 2,136,922; Nov. 15.
- Koether, Emil A., Baltimore, Md., assignor, by mesne assignments, to Koppers Company. Piston ring. 2,107,301; Feb. 8.
- Kofalk, Henry S., Darien, Conn., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,133,054; Oct. 11.
- Koford, Clifton, assignor to the NuBone Company, Inc., Erie, Pa. Corset. 2,125,185; July 26.
- Koga, Moichiro, Tokyo, Japan. Method and apparatus for manufacturing feather cottons. 2,129,219; Sept. 6.
- "Koh-i-noor" tuzkarna L. & C. Hardtmuth. (See Zuckert, Richard, assignor.)
- Kohl, Everard F., assignor to Selco Products, Inc., Cleveland, Ohio. Electric vibrating mechanism. 2,131,628; Sept. 27.
- Kohl, Harry L. (See Kromm, V. O., Kohl, and de Guere.)
- Kohl, Joseph A., Oakland, Calif. Grater. 2,131,377; Sept. 27.
- Kohl, William R., Wilmette, Ill. Garment bag. 2,139,237; Dec. 6.
- Kohlberger, Charles E., Garden City, assignor to Hearst Enterprises Incorporated, New York, N. Y. Registering device for use in making printing plates. 2,111,914; Mar. 22.
- Kohlenberger, Walter G., Detroit, Mich. Cooking chart. 2,111,268; Mar. 15.
- Köhler, Alfred, Brooklyn, N. Y. Necktie rack. 2,118,611; May 24.
- Köhler, Anthony M., New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Wall and arch construction. 2,120,133; June 7.
- Köhler, Carl J., Kohler, Wis. Molding cored articles. 2,132,739; Oct. 11.
- Köhler, Carl J., Kohler, Wis. Vacuum breaker. 2,135,582; Nov. 8.
- Köhler, Erich-Günther, Andernach-on-the-Rhine, Germany. Apparatus for treating metal sheets in liquids. 2,114,782; Apr. 19.
- Köhler, Heinrich, Magdeburg-Gross-Ottersleben, Georgshohe, Germany. Ring rolling press. 2,128,651; Aug. 30.
- Köhler, Heinrich, Gr. Ottersleben-Georgshohe, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Disk roller classifying grate for coal. 2,124,856; July 26.
- Köhler, Hermann, and K. Petzoldt, Chemnitz-/Saxony, Germany. Double-shed loom. 2,140,134; Dec. 13.
- Köhler, Irving N. (See Köhler, Milton W., and I. N.)
- Köhler, John F. (See Clark, A. E., and Köhler.)
- Köhler, Joseph H., Calumet, Ill. Packing ring. 2,112,461; Mar. 29.
- Köhler, Milton W., Fairport, and I. N. Köhler, Middleport, N. Y. Tooth brush. 2,139,593; Dec. 6.
- Köhler, Warren H. (See Kinzie, P. A., Halliday, and Köhler.)
- Köhler, Warren H. (See Kinzie, P. A., and Köhler.)
- Köhler, Warren H. (See Kinzie, P. A., Savage, and Köhler.)
- Köhler, Willem C., Amsterdam, Netherlands, and A. Mauser, Dortmund, Germany. Hollow pile for sheet piling. 2,104,490; Jan. 4.
- Köhler, Willy, Berlin, Germany. Lubricating device for rings and travelers. 2,141,754; Dec. 27.
- Köhler, Willy, Neckarhausen/Ladenburg on the Neckar, assignor to Joseph Voegelé & Co., Mannheim, Germany. Grinding mill. 2,130,983; Sept. 20.
- Kohlhagen, Walter, assignor to The Waterbury Clock Company, Waterbury, Conn. Self starting synchronous electric motor. 2,122,374; June 28.
- Kohn, Louis, New York, N. Y. Sleeve and expansion insert therefor. 2,136,444; Nov. 15.
- Kohle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Price tag. 2,104,698; Jan. 4.
- Kohle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Coiled pin tag strip. 2,112,627; Mar. 29.
- Kohle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Price tag. 2,110,470; May 3.
- Kohle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Price tag. 2,116,477; May 3.
- Kohle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Linking mechanism for marking machines. 2,120,936; June 14.
- Kohosoff, Matthew, New York, N. Y. Soldering device. 2,126,309; Aug. 9.
- Kohout, George A., Chicago, Ill. Fuel feeding control device for furnaces. 2,116,977; Mar. 15.
- Kohout, George A., Chicago, Ill., and A. Wadewitz, Escanaba, Mich., and Wadewitz, assignor to said Kohout. Grate or stoker bar. 2,114,147; Apr. 12.



- Kohut, John, Boonton, N. J. Treating warps and other textile sheets. 2,114,449; Apr. 19.
- Kohut, Julius B., Brooklyn, N. Y. Floodless radiator steam valve. 2,109,269; Feb. 22.
- Kojevnikoff, Nikolai N., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonfibrous film and making same. 2,123,700; July 12.
- Kokatnur, Vaman R., assignor to Autoxygen Inc., New York, N. Y. Motor fuels and making them. 2,111,100; Mar. 15.
- Kokatnur, Vaman R., assignor to Autoxygen Inc., New York, N. Y. Hydroxylation of organic compounds. 2,111,973; Mar. 22.
- Kokatnur, Vaman R., and O. S. Plantinga, assignors to Autoxygen, Inc., New York, N. Y. Refining edible oils, fats and analogous products. 2,121,545; June 21.
- Kokay, Stephen, assignor to Ditto, Incorporated, Chicago, Ill. Moistener for duplicating machines. 2,129,179; Sept. 6.
- Kolb, John K., Detroit, Mich. Device for examining liquids. 2,133,544; Oct. 18.
- Kolb, Otto K. (See Poulsen, A., Kolb, Pratt, and Boston.)
- Kolb, Otto K., Chiswick, London, and W. J. Rickets, Edgware, assignors to British Acoustic Films, Ltd., London, England. Sound reproducing device of the pneumatic relay type. 2,140,293; Dec. 13.
- Kolbe, Joachim, Hanover, Germany. Motor vehicle. 2,116,027; May 3.
- Kold-Hold Manufacturing Company. (See McGuffey, Orton S., assignor.)
- Koleno, Joseph J., Joffre, Pa. Tightener for cables. 2,128,050; Aug. 23.
- Koliba, Thomas, assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring cushion structure. 2,107,446; Feb. 8.
- Kollath, Francis C., assignor, by mesne assignments, to Belden Manufacturing Company, Chicago, Ill. Attachment plug cap of the soft-rubber type. 2,139,450; Dec. 6.
- Koller, Emil, Zurich, Switzerland. Ski binding. 2,123,786; July 12.
- Koller, Lewis R., Schenectady, N. Y., assignor to General Electric Company. Photoelectric device. 2,121,636; June 21.
- Koller, Steven, Detroit, Mich. Angle plate. 2,126,896; Aug. 16.
- Koller, William J., assignor to Union Cutlery Co., Inc., Olean, N. Y. Razor hone. 2,111,667; Mar. 22.
- Kolliner, Simon A., assignor to Kolliner St. Croix Garment Company, Stillwater, Minn. Breechette. 2,125,451; Aug. 2.
- Kolliner St. Croix Garment Company. (See Kolliner, Simon A., assignor.)
- Kölling, Johann, Duisburg, Germany, assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,114,252; Apr. 12.
- Kollman, Jacob, assignor to The Edward Katzinger Company, Chicago, Ill. Baking pan set construction. 2,116,975; May 10.
- Kollmann, Theodor. (See Delfs, D., Kleiner, and Kollmann.)
- Kollmann, Theodor, Leverkusen, and E. Glietenberg, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 2,117,731; May 17.
- Kollock, George L., Oakland, Calif. Power hammer. 2,110,957; Mar. 15.
- Kollman, Paul, New York, N. Y. Miniature electric lamp bulb seat and socket combination. Re. 20,937; Dec. 6.
- Kollman, Paul, New York, N. Y. Quick reading altimeter. Re. 20,948; Dec. 13.
- Kollman, Paul, Greenwich, Conn. Temperature compensator for pressure responsive devices. 2,140,704; Dec. 20.
- Kol-Master Corporation. (See Bressler, Robert E., assignor.)
- Kölm, Ulrich. (See Weinlich, H., and Kölm.)
- Kölm, Ulrich. (See Weinlich, H. A., and Kölm.)
- Kölm, Ulrich M. W., Berlin, Germany, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,131,226; Sept. 27.
- Kölm, Ulrich M. W., Berlin-Lankwitz, and H. Mutschler, Berlin-Sudende, Germany, assignors to International Business Machines Corp., New York, N. Y. Paper feeding device. 2,131,895; Oct. 4.
- Kolm, Walter I., New York, N. Y. Game device. 2,139,024; Dec. 6.
- Kolstad, August M., Detroit, assignor to Domestic Air Conditioning Company, Highland Park, Mich. Air conditioning apparatus. 2,130,630; Sept. 20.
- Kolstad, Welding J., Hyde Park, Mass. Stamping tool. 2,109,253; Feb. 22.
- Komarek-Greaves and Company. (See Komarek, Gustav, assignor.)
- Komarek, Gustav, assignor to Komarek-Greaves and Company, Chicago, Ill. Briquette cooling conveyer. 2,121,298; June 21.
- Komarewsky, Vasil. (See Ipatieff, V., and Komarewsky.)
- Komjathy, Charles S. (See Dinco, M., and Komjathy, Ernest and C. S.)
- Komjathy, Ernest. (See Dinco, M., and Komjathy, Ernest and C. S.)
- Komlos, Dezso, Golders Green, London, England. Producing paths, road surfaces, floorings, and the like. 2,140,634; Dec. 20.
- Kommer, Fred A., St. Louis, Mo. Carburetor. 2,111,399; Mar. 15.
- Kommer, Fred A., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,115,077; Apr. 26.
- Kömmling, Leo G. A., Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,121,967; June 28.
- Kommrusch, Frederick G., Milwaukee, Wis. Stocking boarding machine. 2,140,321; Dec. 13.
- Komow, Albert, assignor to U. S. Cloth Cutting Machine Co., Inc., New York, N. Y. Cloth-cutting machine. 2,133,101; Oct. 11.
- Konarski, Michel M., Akron, Ohio. School furniture. 2,140,635; Dec. 20.
- Kondo, Heizaburo, Shibuya-ku, Tokyo, S. Ikawa, Hongo-ku, Tokyo, and Y. Kobayashi, Azabu-ku, Tokyo, Japan. Desacetyl-pseudo bufotalin haloid and preparing same. 2,108,340; Feb. 15.
- Kondolf, Henry, assignor to Southern Kraft Corporation, New York, N. Y. Portable partition carton. 2,112,535; Mar. 29.
- Kondolf, Henry, assignor to Southern Kraft Corporation, New York, N. Y. Carton and blank for forming same. 2,132,632; Oct. 11.
- Kondolf, Mathias R., New Canaan, Conn. Speed determination. 2,114,024; Apr. 12.
- Kondrath, Andrew D., assignor to American Automatic Devices Co., Chicago, Ill. Rear view mirror and mounting means therefor. 2,128,187; Aug. 23.
- Kongsted, August J. H. (See Kjems, Holger L. P., assignor.)
- Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Electric ignition generator. 2,118,313; May 24.
- Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Electric ignition system. 2,124,528; July 26.
- Kongsted, Ludvig P., Longmeadow, assignor to American Bosch Corporation, Springfield, Mass. Ignition coil. 2,141,141; Dec. 20.
- Konicek, George, Bruce Township, Benton County, Iowa. Transfer cart. 2,121,153; June 21.
- König, Erwin, Berlin-Neukoelln, assignor to Allgemeine Elektrizitäts Gesellschaft, Berlin, Germany. Dial for radio apparatus. 2,139,451; Dec. 6.
- König, Fritz, Soest, Germany. Perforation of insulating substances by spark discharges. 2,141,869; Dec. 27.
- König, Hermann T. J., Dordrecht, Netherlands, assignor to N. V. Stikstofbindingsindustrie "Nederland". Producing anhydrous alkali metal sulphides. 2,106,952; Feb. 1.
- Königsmann, Herbert, Schöneberg, Berlin, Germany. Flask for dental purposes. 2,119,920; June 7.
- Konishi, Shozo, Kami-Mura, Japan. Manufacturing an endless film record for sound reproduction. 2,121,170; June 21.
- Konoif, Alexander, Brooklyn, N. Y., assignor, by mesne assignments, to Conmar Products Corporation, Bayonne, N. J. Making slide fasteners. 2,135,717; Nov. 8.
- Koomans, Nicolaas, The Hague, Netherlands. Broadcasting with reduced band width. 2,110,046; Mar. 1.
- Koontz, Pierce W. et al. (See Fisher, Robert P., assignor.)
- Koonz, Earl R. (See Koehler, O. E., and Koonz.)
- Koonz, Earl R., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Hollow mill. 2,126,476; Aug. 9.
- Kopfer, Francis W., New Orleans, La. Comparator. 2,114,472; Apr. 19.
- Kopmann, Wilhelm, Berlin-Lankwitz, Germany. Baker's mold. 2,139,830; Dec. 13.
- Kopulator Corporation. (See Kopsa, Julius F., assignor.)
- Kopp, Carl J., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welding control apparatus. 2,104,200; Jan. 4.
- Kopp, Frank, Brooklyn, and L. Morris, Mount Vernon, N. Y. Slip construction. 2,108,894; Feb. 22.
- Kopp, Georges, Rouen, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France. Disazo dyestuffs and their production. 2,116,355; May 3.
- Kopp, Georges, Rouen, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies Etablissements Kuhlmann, Paris, France. Preparation in an acid medium of chromed dyestuffs and products resulting from this process. 2,133,864; Oct. 18.
- Kopp, Peter, Berlin-Friedenau, Germany. Apparatus for production of molded articles. 2,117,179; May 10.
- Kopp, Roger S., York, Pa. Air conditioning system. 2,115,226; Apr. 26.
- Koppel, Ernest R. (See Dodge, A. Y., and Koppel.)
- Koppel, Ernest R., South Bend, Ind. Universal joint. 2,134,563; Oct. 25.
- Koppel, Moses M., New York, N. Y. Wearing apparel. 2,113,732; Apr. 12.
- Koppelman, Morris, Brooklyn, N. Y. Plated article. 2,135,236; Nov. 1.
- Koppers Company. (See Barr, Walter A., assignor.)
- Koppers Company. (See Becker, Joseph, assignor.)



- Koppers Company. (See Berg, Ragnar, assignor.)  
 Koppers Company. (See Daniels, Joseph, assignor.)  
 Koppers Company. (See Denig, Fred, assignor.)  
 Koppers Company. (See Denig, F., and Gollmar, assignors.)  
 Koppers Company. (See Deringer, Hans, assignor.)  
 Koppers Company. (See Drehschmidt, Heinrich, assignor.)  
 Koppers Company. (See Fitz Wilhelm, assignor.)  
 Koppers Company. (See Gollmar, Herbert A., assignor.)  
 Koppers Company. (See Koether, Emil A., assignor.)  
 Koppers Company. (See Koppers, Heinrich, assignor.)  
 Koppers Company. (See Morton, Allen W., assignor.)  
 Koppers Company. (See Randolph, Spottiswoode W., assignor.)  
 Koppers Company. (See Reppekus, Walter, assignor.)  
 Koppers Company. (See Schellenburg, Ernst, assignor.)  
 Koppers Company. (See Schmalenbach, Adolf, assignor.)  
 Koppers Company. (See Schulte, Johannes, assignor.)  
 Koppers Company. (See van Ackeren, Joseph, assignor.)  
 Koppers Company. (See van Ackeren, Paul, assignor.)  
 Koppers Company. (See von der Emde, Wilhelm, assignor.)  
 Koppers, Heinrich, Essen, Germany. Saturator for the manufacture of coarse-crystalline sulphate of ammonia. 2,141,186; Dec. 27.  
 Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Heater for gaseous media. 2,104,201; Jan. 4.  
 Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Production of gas suitable for the synthesis of hydrocarbons from carbon monoxide and hydrogen. 2,132,533; Oct. 11.  
 Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Distilling apparatus for high-boiling liquids, such as coal tar. 2,137,722; Nov. 22.  
 Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Apparatus for the continuous production of water gas. 2,137,723; Nov. 22.  
 Koppers-Recheleuvre Company. (See Nichols, Fay I., assignor.)  
 Koppers-Theolaveur Company. (See Slater, Homer B., assignor.)  
 Kopperud, Juel E., Hartland, Minn. Power-driven hoe. 2,118,649; May 24.  
 Koppl, Leo T., Huntington Beach, Calif. Tapping machine. 2,115,992; May 3.  
 Kops Brothers, Inc. (See Kops, Waldemar, assignor.)  
 Kops Brothers, Inc. (See Leffmann, Siegfried, assignor.)  
 Kops, Waldemar, assignor to Kops Brothers, Inc., New York, N. Y. Foundation garment. 2,107,121; Feb. 1.  
 Kops, Waldemar, assignor to Kops Brothers, Inc., New York, N. Y. Apparel garment. 2,115,146; Apr. 26.  
 Kopsa, Julius E., assignor to Kopolator Corporation, Chicago, Ill. Refrigerating system. Re. 20,672; Mar. 15.  
 Kopsa, Julius E., assignor to Kopolator Corporation, Chicago, Ill. Liquid separating device. Re. 20,885; Oct. 18.  
 Korber, Eugene, Windsor, Ontario, Canada. Refrigerator. 2,135,402; Nov. 1.  
 Korber, Hans, Couvet, assignor to the firm Edouard Dubied & Cie. Société Anonyme, Neuchâtel, Switzerland. Jacquard device controlled knitting machine. 2,116,761; May 10.  
 Korbuly, Károly, Cepeel, Hungary, assignor to the firm Tube Industrial Participation Limited, Breganzona-Lugano. Tube push bench. 2,105,150; Jan. 11.  
 Kordatzki, Willy. (See Wulff, P., and Kardatzki.)  
 Korematsu, H., Oakland, assignor of one-third to J. S. Killam, Piedmont, and one-third to H. C. Schroeder, Concord, Calif. Vehicle signal device. 2,113,919; Apr. 12.  
 Korengold, John A., Chicago, Ill. Lamp shade. 2,131,442; Sept. 27.  
 Kormann Aero-Safety Appliance, Inc. (See Kormann, Frederick A., assignor.)  
 Kormann, Frederick A., assignor to Kormann Aero Safety Appliance, Inc., Glendale, Calif. Compass apparatus. 2,114,054; Apr. 12.  
 Korn, Franklin A., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Number checking system. 2,105,921; Jan. 18.  
 Kornahrens, John H. O., Rego Park, assignor to The C. E. Sheppard Co., Long Island City, N. Y. Visible shift binder. 2,135,943; Nov. 8.  
 Kornblatt, Max, assignor of one-half to P. Kornblatt, Bronx, N. Y. Smoke baffling device. 2,105,151; Jan. 11.  
 Kornblatt, Philip. (See Kornblatt, Max, assignor.)  
 Korndorfer, Casper J., Allendale, N. J., and L. T. Hand, Brooklyn, assignors to Morsegraph, Inc., New York, N. Y. Message holder. 2,119,483; May 31.  
 Kornsweet, Samuel A., Venice, assignor of fifteen percent to N. Lehman and D. Zampino, Los Angeles, Calif. Amusement device. 2,109,539; Mar. 1.  
 Korolick, Samuel R., Bath, Maine. Trousers. 2,132,117; Oct. 4.  
 Korones, Samuel A. (See Tesher, S., and Korones, assignors.)  
 Kort, Ludwig, Hanover, Germany. Combined propelling and steering device for screw propelled ships. 2,139,594; Dec. 6.  
 Kortenbach, Karl. (See Zierold, A., and Kortenbach.)  
 Kortenbach & Rauh Kommanditgesellschaft. (See Zierold, A., and Kortenbach, assignors.)  
 Korting & Mathiesen Aktiengesellschaft. (See Müller, Arthur, assignor.)  
 Körtling & Mathiesen Aktiengesellschaft. (See Werner, Felix, assignor.)  
 Körtling, Walter, Landsberg (Warthe), assignor to Horst Gemeinert, Seifersdorf, near Soran, Germany. Method of and device for shaping shoe uppers. 2,117,732; May 17.  
 Korvec, Edward A., assignor of one-half to L. M. Herkert, Joliet, Ill. Indicator. 2,112,371; Mar. 29.  
 Korver, Cornelis, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Method and device for transporting wires. 2,115,423; Apr. 26.  
 Koschwitz, Alfred, Leipzig, Germany. Device for the massage of the foot muscles. 2,121,250; June 21.  
 Koski, Andrew W., Fitchburg, Mass. Talking clock. 2,109,962; Mar. 1.  
 Koski, Matt W., Raymond, Wash. Shingle butt trimming mechanism. 2,136,622; Nov. 15.  
 Koslowsky, Robert, Dessau-Ziebigk in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of carbocyanine dyes. 2,107,379; Feb. 8.  
 Kosman, John. (See Brykczynski, C. S., and Kosman.)  
 Kosman, John, and J. Alterman, Brooklyn, N. Y. Safety drill press. 2,123,337; July 12.  
 Kosman, John, and C. S. Brykczynski, New York, assignors to Geo. F. Stuhmer & Company, Brooklyn, N. Y. Bread loaf forming machine. 2,111,894; Mar. 22.  
 Kossell, Gustav. (See Boer, J. R., and Kossell.)  
 Kösslinger, Karl. (See Bayerl, A., and Kösslinger.)  
 Kosta, Charles, New York, N. Y. Lead pencil construction. 2,132,633; Oct. 11.  
 Kosten, Johannes, Grand Rapids, Mich. Fishhook and bait retainer therefor. 2,115,493; Apr. 26.  
 Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen G. m. b. H., Berlin, Germany. Regulator for aircraft driving gears. 2,112,965; Apr. 5.  
 Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen G. m. b. H., Berlin, Germany. Method and system for the vertical navigation of blind landing airplanes. 2,134,132; Oct. 25.  
 Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Attitude control means for aircraft. 2,137,942; Nov. 22.  
 Kösters, Ludwig, Berlin-Lichterfelde, assignor to General Electric Company. Hydraulic coupling. 2,141,305; Dec. 27.  
 Kostyk, Steven A., and F. H. Schofield, Cleveland, Ohio. Spark plug. 2,111,188; Mar. 15.  
 Koszalka, Edward, Jr., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Camera shutter. 2,119,712; June 7.  
 Kotchaver, Ira E., Blackwell, and H. O. Snouffer, Grant County, Okla. Lid fastening means for boxes. 2,128,001; Aug. 23.  
 Kotcher, Irwin and M., Brooklyn, N. Y. Carton. 2,107,613; Feb. 8.  
 Kotcher, Irwin and M., Brooklyn, N. Y. Carton. 2,107,614; Feb. 8.  
 Kotcher, Irwin and M., Brooklyn, N. Y. Apparatus for treating cartons with melted wax. 2,133,390; Oct. 18.  
 Kotcher, Morris. (See Kotcher, Irwin and M.)  
 Koteles, Alexander. (See Kurucz, J., and Koteles.)  
 Kothe, Gertrude E., New York, N. Y. Lamp for colored light treatment. 2,127,604; Aug. 23.  
 Kothny, Gottfrank L., Stafford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Whip stock removing device. 2,107,420; Feb. 8.  
 Kothny, Gottfrank L., Stafford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Measuring device. 2,140,914; Dec. 20.  
 Kotraschek, Leo C., New York, N. Y., and H. C. Brunst, assignors to The Kelley Koett Manufacturing Company, Inc., Covington, Ky. Fluorescope apparatus. 2,132,076; Oct. 4.  
 Kotrbaty, Guy E., New York, N. Y. Building construction element. 2,119,586; June 7.  
 Kotrbaty, Guy E., Chestnut Hill, Pa. Building construction. 2,121,037; June 21.  
 Kotrbaty, Guy E., Philadelphia, Pa. Building construction. 2,141,919; Dec. 27.  
 Kotrbaty, Guy E., New York, N. Y., assignor to Fer O-Con Corporation, Bryn Mawr, Pa. Composite construction members. 2,100,179; Jan. 25.  
 Kotrbaty, Guy E., assignor to Fer O-Con Corporation, New York, N. Y. Building construction and structural element therefor. 2,108,065; Feb. 15.  
 Kotrbaty, Guy E., New York, N. Y., assignor to Ferrocon Corporation, Bryn Mawr, Pa. Building structure and joint therefor. 2,141,634; Mar. 22.  
 Kotsopoulos, William J., Los Angeles, Calif. Fountain comb. 2,119,849; June 7.  
 Kott, Herbert, Whitestone, assignor to Decca Automatic Corporation, New York, N. Y. Decca automatic mistuning apparatus. 2,120,784; Aug. 14.  
 Kott, Hermann, East Orange, assignor, by mesne assignments, to Ion Corporation, Short Hills, N. J. Radiation filter and utilizing the same. 2,109,235; Feb. 22.



- Kott, Hermann, East Orange, assignor, by mesne assignments to Ion Corporation, Short Hills, N. J. Voltage regulator device. 2,141,654; Dec. 27.
- Kott, Hermann, East Orange, assignor, by mesne assignments, to Ion Corporation, Short Hills, N. J. Radiation sensitive device. 2,141,655; Dec. 27.
- Kottmann, Otto A., Detroit, Mich. High level safety check. 2,124,783; July 26.
- Kottes, George L., New Orleans, La. Feed water economizer. 2,116,028; May 3.
- Kottmann, August, Sommerda, assignor to Rheinische Metallwaaren-und Maschinenfabrik, Dusseldorf, Germany. Calculating machine. 2,130,723; Sept. 20.
- Kottsieper, Edward, Bridgeport, Conn. Engine. 2,124,196; July 19.
- Kottusch, Emil, assignor to S. R. White, Detroit, Mich. Oil ring. 2,112,103; Mar. 22.
- Kotzebue, Meinhard H., Tulsa, Okla. Recovering earth components from wells. 2,104,327; Jan. 4.
- Kotzebue, Meinhard H., Tulsa, Okla. Recovering earth components from wells. 2,104,328; Jan. 4.
- Kotzin, Godfrey, Los Angeles, Calif. Duplex clippers. 2,125,575; Aug. 2.
- Koubek, John L. (See Michel, C. A., and Koubek.)
- Koubek, John L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Reflector. 2,131,629; Sept. 27.
- Koubek, John L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lens for asymmetric head lamps. 2,137,055; Nov. 15.
- Kouche, Nicholas J. (See Peirce, W. B., and Kouche.)
- Koukal, Louis, New York, N. Y. Window glass cleaning implement. 2,104,161; Jan. 4.
- Koukal, Louis, New York, N. Y. Combined bottle stopper and liquid measuring device. 2,141,870; Dec. 27.
- Koukal, Louis, New York, N. Y. Combined bottle stopper and measuring device. 2,141,871; Dec. 27.
- Kountzman, Joseph M. (See Fleischli, J. A., and Kountzman.)
- Koupa, Walter G., Tarentum, and H. F. Hitner, Oakmont, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for making sheet glass. 2,114,715; Apr. 19.
- Kouzan, Harry E. (See Tookousian, Persak, assignor.)
- Kovac, Rudolph, assignor to American Automatic Devices Co., Chicago, Ill. Lamp. 2,122,375; June 28.
- Kovac, Rudolph, assignor to American Automatic Devices Co., Chicago, Ill. Flare torch. 2,132,004; Oct. 4.
- Kovach, Frank, assignor of one-half to H. V. Martin, Lincoln, Nebr. Fuel injection pump. 2,114,565; Apr. 19.
- Kovach, Imre, Bronx, N. Y. Safety rear auto seat. 2,109,728; Mar. 1.
- Kovalik, Anthony, Pittsburgh, Pa. Sandwich wrapper. 2,106,640; Jan. 25.
- Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating apparatus. 2,121,601; June 21.
- Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vibrating type regulator. 2,128,094; Aug. 23.
- Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating apparatus. 2,140,363; Dec. 13.
- Kovar, Jos. J., Co. (See King, Clark C., assignor.)
- Kovats, John, Fairfield, Conn. Folding table. 2,107,572; Feb. 8.
- Kovats, John, Fairfield, Conn. Folding article of furniture. 2,128,465; Aug. 30.
- Kovel, Louis. (See Gottlieb, Gerald, assignor.)
- Kowada, Isoji, Kyoto-fu, Japan, assignor to Universal Winding Company, Boston, Mass. Automatic reeling machine. 2,141,816; Dec. 27.
- Kowal, Walter, New York, N. Y., assignor to Phoenix Metal Cap Company, Inc., Chicago, Ill. Making jar closures. 2,115,310; Apr. 26.
- Kowalewska, Czeslawa, assignor of forty-nine per cent to P. Kachnowski, Chicago, Ill. Holder for lacework and the like. 2,132,265; Oct. 4.
- Kowalski, John, New York, N. Y. Foldable table. 2,110,068; Mar. 1.
- Kowitt, Jerome H., assignor to Typhoon Manufacturing Company, Inc., Baltimore, Md. Super-charger. 2,114,783; Apr. 19.
- Koza, Charles A., Rochester, N. Y. Spindle head. 2,130,094; Sept. 13.
- Kozanowski, Henry N. (See Mouromtseff, I. E., and Kozanowski.)
- Kozloff, Vassil R., Los Angeles, Calif. Apparatus for stopping leaks in ships. 2,127,871; Aug. 23.
- Kracker, Herbert, and F. Herrlein, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Aminotrifluoromethyl-aryl-sulphonic acids and preparing them. 2,119,882; June 7.
- Krackowizer, Hermann J., Chicago, Ill. Refrigerating apparatus. 2,109,270; Feb. 22.
- Krackowizer, Hermann J., Chicago, Ill. Refrigerating method and apparatus. 2,124,981; July 26.
- Krackowizer, Hermann J., Chicago, Ill. Condensation collector. 2,133,354; Oct. 18.
- Kraeff, Herman L., assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Juvenile vehicle. 2,104,346; Jan. 4.
- Kraeff, Herman L., assignor to The Murray-Ohio Manufacturing Co., Cleveland, Ohio. Cycle saddle. 2,131,140; Sept. 27.
- Kraekemier, Herman, Bridgeport, Conn. Spring assembly. 2,134,720; Nov. 1.
- Kraekemier, Herman, Bridgeport, Conn. Steering mechanism. 2,134,721; Nov. 1.
- Kraemer, Georg. (See Schoeller, C., Schwen, and Kraemer.)
- Kraemer, Waldo L., Brooklyn, N. Y., assignor to Kearfott Engineering Company, Inc. Window construction. 2,116,868; May 10.
- Krauter, Arthur A., South Orange, N. J., assignor to The Kroydon Company. Golf club joint. 2,116,762; May 10.
- Krafelt Corporation of America. (See Arvin, J. A., and Schwartz, assignors.)
- Krafelt Corporation of America. (See Larson, Louis L., assignor.)
- Krafelt Corporation of America. (See Larson, L. L., and Schwartz, assignors.)
- Kraft & Weichardt. (See Weichardt, R., and Freistadt, assignors.)
- Kraft & Weichardt. (See Weichardt, R., Freistadt, and Hicke, assignors.)
- Kraft, George H., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Drying whey. 2,118,252; May 24.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire. 2,108,406; Feb. 15.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Skid preventing device. 2,117,766; May 17.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Skid-preventing device for use with vehicle tires. 2,121,740; June 21.
- Kraft, Karl, Chicago, Ill. Bowling pin. 2,105,045; Jan. 11.
- Kraft-Phenix Cheese Corporation. (See Kraft, George H., assignor.)
- Kraft-Phenix Cheese Corporation. (See Riggs, L. K., and Clickner, assignors.)
- Kraft-Phenix Cheese Corporation. (See Wanshenk, Ossip B., assignor.)
- Kraft, Robert H., assignor to Goodman Manufacturing Company, Chicago, Ill. Material gathering and loading machine. 2,113,733; Apr. 12.
- Kraft, Werner, New York, N. Y. Broom, brush, and the like. 2,124,197; July 19.
- Krag, Erik L., assignor of one-tenth to E. J. Andrews, Chicago, Ill. Loose leaf binder. 2,104,046; Jan. 4.
- Krag, Harry W., assignor to American Shoe Machinery and Tool Company, St. Louis, Mo. Sewing machine. 2,141,004; Dec. 20.
- Krahenbuhl, Friedrich, Berlin-Charlottenburg, Germany, assignor to A. & F. Products, New York, N. Y. Scissors sharpener. 2,115,778; May 3.
- Krahl, Steve, Weimar, Tex. Trap for rodents. 2,104,083; Jan. 4.
- Krahl, Walter L., Montclair, assignor, by mesne assignments, to Arcturus Development Company, Newark, N. J. Shock absorber for the elements of thermionic tubes. 2,108,987; Feb. 22.
- Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Spring cushion structure. 2,113,377; Apr. 5.
- Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Studio couch. 2,119,257; May 31.
- Krakovitz, Abraham L., et al. (See Bartelstone, Irving, assignor.)
- Krakovitz, Fred, et al. (See Bartelstone, Irving, assignor.)
- Krakovitz, Samuel, et al. (See Bartelstone, Irving, assignor.)
- Kramer, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Signaling method and arrangement therefor. 2,105,537; Jan. 18.
- Kramer, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Direction finding method. 2,117,848; May 17.
- Kramer, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Slip-way beacon. 2,118,829; May 31.
- Kramer, Ernst, Berlin-Tempelhof, and H. Brunswig, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Arrangement for wireless signaling. 2,141,247; Dec. 27.
- Kramer, Adolf. (See Staley, M., and Kramer.)
- Kramer, Alphonse J., Antioch, Calif. Leakproof container for fluids. 2,134,052; Oct. 25.
- Kramer, Andrew A., et al. (See Buchanan, Ferdinand C., assignor.)
- Kramer, Andrew A. (See Gill, Edward H., assignor.)
- Kramer, Andrew A., Kansas City, Mo. Storage tank. 2,126,996; Aug. 16.
- Kramer, Andrew A., Kansas City, Mo. Making storage tanks and similar welded structures. 2,126,997; Aug. 16.
- Kramer, Benjamin, S. Natelson, and A. E. Sobel, Brooklyn, N. Y. Activating provitamins. 2,112,242; Mar. 29.
- Kramer, Clarence F. (See Galamb, J., and Kramer.)



- Kramer, Erwin, Berlin, assignor to the firm of "Hartstoff-Metall A. G. Hametap", Berlin-Kopenick, Germany. Plant for the manufacture of bronze colors. 2,112,497; Mar. 29.
- Kramer, Erwin, Berlin, Germany, assignor to the firm Metallpulver A. G. Gerlafingen, Switzerland. Apparatus for the manufacture of metal powder. 2,136,445; Nov. 15.
- Kramer, Eugene, P. Shields, and M. Gitelson, Los Angeles, Calif., assignors to Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,120,440; June 14.
- Kramer, Eugene, P. Shields, and M. Gitelson, Los Angeles, Calif., assignors to Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,127,261; Aug. 16.
- Kramer, Hans H., Passaic, N. J. Cloth measuring and yardage printing device. 2,128,709; Aug. 30.
- Kramer, Joseph J., National City, Calif. Garage door opening and closing apparatus. 2,127,522; Aug. 23.
- Kramer, Max, Berlin Adlershof, Germany. Landing flap on aircraft. 2,130,953; Sept. 20.
- Krämer, Oskar, Leipsic, Germany, assignor to T. Haebler, New York, N. Y. Electrodeposition of chromium and baths therefor. 2,114,002; Apr. 12.
- Krämer, Werner, Berlin-Karlshorst, Germany, assignor to General Electric Company, New York, N. Y. Control circuit. 2,116,435; May 3.
- Krämer, Werner, Berlin-Karlshorst, Germany, assignor to General Electric Company. Voltage regulator control. 2,137,877; Nov. 22.
- Krämer, Werner, Berlin-Karlshorst, Germany, assignor to General Electric Company. Direct-current measuring means. 2,137,878; Nov. 22.
- Kramer, William, Richmond Hill, N. Y. Producing gangs of miniature dead eyes. 2,115,957; May 3.
- Kranhold, Harry E., assignor to Brown & Bigelow, Saint Paul, Minn. Brief case book. 2,115,993; May 3.
- Kranich, Henry O., and H. M. Dodge, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the cutting of plastic sheeting. 2,122,254; June 28.
- Krannak, Steven J., Minneapolis, Minn. Tube closure. 2,113,695; Apr. 12.
- Krantz, Edward, assignor to Ace Fastener Corporation, Chicago, Ill. Stapling machine. 2,140,588; Dec. 20.
- Krantz, Hubert, and A. Simons, and H. Buysch, assignors to firm H. Krantz Söhne, Aachen, Germany. Finishing planiform textile fabrics. 2,122,146; June 28.
- Krantz, Louis, New York, N. Y. Apparel belt. 2,136,796; Nov. 15.
- Krantz, Morris, London, England. Portable wardrobe, cupboard, or the like. 2,107,828; Feb. 8.
- Krantz, Rose, Brooklyn, N. Y. Fastening device. 2,117,005; May 10.
- Kranz, Carl, Rochester, N. Y. Bung. 2,118,314; May 24.
- Kranzfelder, Edgar P., U. S. Navy. Method of making and brush for cleaning boiler and other tubes. 2,115,026; Apr. 26.
- Kränzlein, Georg, H. Greune, and M. Thiele, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the oxazine series and preparing them. 2,115,311; Apr. 26.
- Kränzlein, Georg, Frankfurt-on-the-Main, H. Schlichenmaier, Kelkheim-in-Taunus, and L. Schörrig, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Quinophthalone-monosulphonic acids and preparing them. 2,121,320; June 21.
- Kränzlein, Georg, and E. Diefenbach, Frankfurt-on-the-Main, E. Fischer, Bad Soden-on-the-Taunus, and E. Honold, F. Eggert, and H. Krauss, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dyestuffs of the anthraquinone series capable of being chromed. 2,122,798; July 5.
- Kränzlein, Georg, H. Schlichenmaier, and L. W. Berlin, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Oxazole dyestuffs of the anthraquinone series and preparing them. 2,123,834; July 12.
- Kränzlein, George, E. Diefenbach, and F. Eggert, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Amino-anthraquinone compounds. 2,129,141; Sept. 6.
- Kränzlein, Georg, and H. Greune, Frankfurt-on-the-Main, and G. Langbein, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the dioxazine series and preparing them. 2,130,016; Sept. 13.
- Krasberg, Rudolf, assignor to Chain Store Products Corporation, Chicago, Ill. Hair curler. 2,113,657; Apr. 12.
- Krasnov, Samuel, Philadelphia, Pa. Making slip covers and the like. 2,105,123; Jan. 11.
- Krasselt, Theodor, Reuth v/Neumark, Germany, assignor of four-fifths to M. Presburg, Paris, France, and one-fifth to George Angus & Company Limited, Newcastle-on-Tyne, England. Manufacture of asbestos rings. 2,106,119; Jan. 18.
- Kratz, Edouard M. (See Gebauer-Puelnegg, E., Moffett, and Kratz.)
- Kratz, Edouard M., and E. W. Moffett, Gary, Ind., and E. Gebauer-Puelnegg, Evanston, Ill., assignors, by assignments, to Marbon Corporation. Transparent coated sheet material. 2,128,652; Aug. 30.
- Kratz, Franz. (See Baumgratz, Kratz, and Steinhart.)
- Kratz, George, Jamaica, N. Y. Alarm. 2,104,202; Jan. 4.
- Kratz, George D., Scarsdale, assignor, by mesne assignments, to Filatex Corporation, New York, N. Y. Method of and new and improved mechanism for producing thread. 2,133,821; Oct. 18.
- Krauch, Carl, and M. Pier, Heidelberg, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable liquid products from distillable carbonaceous materials. 2,132,855; Oct. 11.
- Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Metal turning. 2,127,523; Aug. 23.
- Kraus, Clarence W., Buffalo, N. Y. Shingle staining machine. 2,104,868; Jan. 11.
- Kraus, Esther S. (See Harris, Sam, assignor.)
- Kraus, Wilhelm, and W. Fisch, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of synthetic resins. 2,110,489; Mar. 8.
- Krause, Arnold R., H. O. Hutchens, J. F. Cullen, and A. C. Hirsch, assignors to Gillette Rubber Company, Eau Claire, Wis. Process of and apparatus for making patches. 2,112,419; Mar. 29.
- Krause, August L., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Grinding machine. 2,131,107; Sept. 27.
- Krause, Carl H., assignor to Sloan Valve Company, Chicago, Ill. Valve. 2,135,670; Nov. 8.
- Krause, Daniel E., Columbus, Ohio, assignor, by mesne assignments, to Monsanto Chemical Company. Vitreous enameled products. 2,109,271; Feb. 22.
- Krause, Erich. (See Mulka, August F., assignor.)
- Krause, Georg A., Munich, Germany, assignor, by mesne assignments, to Katadyn Inc., New York, N. Y. Sterilizing liquid. 2,105,835; Jan. 18.
- Krause, Georg A., Munich, Germany, assignor, by mesne assignments, to Katadyn, Inc., New York, N. Y. Artificially aging alcoholic liquids and perfumes. 2,109,151; Feb. 22.
- Krause, Paul W., Youngstown, Ohio, assignor to General Electric Company. Method and apparatus for mounting filaments. 2,114,844; Apr. 19.
- Krauss, Friedrich E., Schwarzenberg, Germany, Centrifugal extractor. 2,106,609; Jan. 25.
- Krauss, Friedrich E., Schwarzenberg, Saxony, Germany. Hinged closure for petrol tanks. 2,113,484; Apr. 5.
- Krauss, Helmut. (See Kränzlein, G., Diefenbach, Fischer, Honold, Eggert, and Krauss.)
- Krauss, George F., Sacramento, Calif. Rigging ring. 2,111,895; Mar. 22.
- Kraut, Max, San Francisco, Calif. Flotation apparatus. 2,134,410; Oct. 25.
- Kraut, Samuel B., and H. J. Chase, Lakewood, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting fixture. 2,137,089; Nov. 15.
- Krchma, Ignace J. (See Dawson, D. H., Krchma, and McKinney.)
- Krchma, Ignace J., Brooklyn, Md., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Process and apparatus for the removal of impurities from titanium sulphate solutions. 2,111,788; Mar. 22.
- Krchma, Ignace J., Elmhurst, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Decomposition of titanium ores. 2,112,966; Apr. 5.
- Krebs, Ernst T. and E. T., Jr., San Francisco, Calif. Treating wood for the rapid maturation of whiskey and other alcoholic liquors and wines. 2,119,234; May 31.
- Krebs, Ernst T., Jr. (See Krebs, E. T. and E. T., Jr.)
- Krebs, Henry, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,117,433; May 17.
- Krebs, Henry, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,117,434; May 17.
- Krebs, Adolf, Riehen, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Disazo dyestuffs and their preparation. 2,120,754; June 14.
- Krebs, Adolf, Riehen, near Basel, and F. Vannotti, assignors to the firm J. R. Geigy, S. A., Basel, Switzerland. 2-naphtholsulphonic acids and their manufacture. 2,124,070; July 19.
- Krebs, Adolf, Riehen, near Basel, assignor to the firm J. R. Geigy S. A., Basel, Switzerland. Azo dyestuffs and their manufacture. 2,128,188; Aug. 23.
- Krebs, Adolf, Riehen, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Diazo dyestuffs and their preparation. 2,136,138; Nov. 8.
- Kreer, John G., Jr. (See Dixon, J. T., and Kreer.)
- Kreer, John G., Jr., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distortion correction in wave transmission. 2,140,915; Dec. 20.
- Kreft, Hermann. (See Hübner, W., and Kreft.)
- Kreft, Hermann. (See Kern, J., and Kreft.)
- Kreft, Hermann, Berlin-Friedrichshagen, and A. Rittner, assignors to Berlin-Halensee, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,135,718; Nov. 8.
- Kreft, Hermann, Berlin-Friedrichshagen, W. Wille, Berlin-Zehlendorf, and K. Larché, Berlin-Pankow, Germany, assignors to General Electric Company. Electric lamp. 2,135,710; Nov. 8.



- Kreidel, Hans, Wiesbaden, Germany, assignor, by mesne assignments, to Patex Société Anonyme, Basel, Switzerland. Joint for pipes. 2,139,413; Dec. 6.
- Kreider, Florence V., Lebanon, Pa. Construction toy. 2,141,993; Dec. 27.
- Kreider, Gideon R., Jr., Lebanon, Pa. Toy block. 2,131,349; Sept. 27.
- Kreidl, Alexander, Vienna, Austria. Pretreating iron surfaces. 2,104,427; Jan. 4.
- Kreidl, Ignaz, Vienna, Austria. Enameled ware. 2,109,487; Mar. 1.
- Kreidl, Ignaz, Vienna, Austria. Production of artificial resins. 2,113,485; Apr. 5.
- Kreidl, Ignaz, Vienna, Austria. White clouded vitreous enamel. 2,118,047; May 24.
- Kreidl, Ignaz, Vienna, Austria. Making phenol, cresol, or the like resins. 2,121,917; June 28.
- Kreienfeld, Friedrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable coupling device. 2,119,333; May 31.
- Kreilick, Lester W., and H. R. Taylor, Fremont, Ohio. Buff construction. 2,130,850; Sept. 20.
- Kreilick, Lester W., and H. R. Taylor, assignors to The Yerges Manufacturing Company, Fremont, Ohio. Buffing section unit and assembly. 2,106,610; Jan. 25.
- Kreilick, Lester W., and H. R. Taylor, assignors to The Yerges Manufacturing Company, Fremont, Ohio. Buffing wheel. 2,130,849; Sept. 20.
- Kreimeier, Oscar R., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing tertiary ethynyl carbinols and product thereby produced. 2,106,180; Jan. 25.
- Kreimeier, Oscar R., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethynyl carbinols and preparing the same. 2,106,181; Jan. 25.
- Kreimeier, Oscar R., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting alkali metal acetylides with alkylene oxides and products thereby produced. 2,106,182; Jan. 25.
- Kreimeier, Oscar R., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethynylhydroxycarboxylic acids, lactones thereof and preparing them. 2,122,719; July 5.
- Kreimeier, Oscar R., and R. W. Maxwell, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Glue, adhesive, and the like. 2,116,867; May 10.
- Krein, Frederick T., Park Ridge, assignor to Dixie-Vortex Company, Chicago, Ill. Sundae package. 2,104,805; Jan. 11.
- Krein, Frederick T., Park Ridge, assignor to Dixie-Vortex Company, Chicago, Ill. Making frozen confections. 2,106,893; Feb. 1.
- Krein, Frederick T., and T. H. Alfreds, Park Ridge, assignors to Dixie-Vortex Company, Chicago, Ill. Conical paper cup. 2,129,498; Sept. 6.
- Krein, Frederick T., and T. H. Alfreds, Park Ridge, assignors to Dixie-Vortex Company, Chicago, Ill. Container for packaging frozen confections for distribution and serving. 2,130,588; Sept. 20.
- Kreis, Eugene. (See Rickenmann, A., and Kreis.)
- Kreisinger, Julius. (See Solterbeck, O., and Kreisinger.)
- Kreisler, Jacques, New Rochelle, and A. Szeplin, Hollis, assignors to Jacques Kreisler Sales Corporation, New York, N. Y. Wrist watch and bracelet strap and end connector therefor. 2,133,546; Oct. 18.
- Kreisler, Jacques, Sales Corporation. (See Kreisler, J., and Szeplin, assignors.)
- Kreissler, Otto, Frankfort-on-the-Main-Griesheim, Germany, assignor to American Lurzi Corporation, New York, N. Y. Circulating liquor in pulp cookers. 2,138,455; Nov. 29.
- Kreitler, Ignatius, River aux Vases, Mo. Door stop. 2,131,630; Sept. 27.
- Krejci, Robert F., Cleveland Heights, Ohio, assignor to General Electric Company. Wire tension controlling device. 2,104,656; Jan. 4.
- Krekel, Paul, Kronberg, near Frankfort-on-the-Main, Germany. Aircraft undercarriage. 2,139,192; Dec. 6.
- Krell, George, et al. (See Anthony, Jack, assignor.)
- Krell, Joseph, Berlin-Zehlendorf, Germany. Device for the crosswise delivery or deposition or the counting of cards, sheets, envelopes, or the like. 2,114,927; Apr. 19.
- Krell, Joseph, Berlin-Zehlendorf, Germany. Machine for embossing sheet-metal printing plates. 2,133,201; Oct. 11.
- Kremer, William. (See Best, W. F., and Kremer.)
- Kremmling, Otto, Hamersleben, Germany. Dough molding machine. 2,130,887; Sept. 20.
- Krenzke, William F. (See Pol, J. B., and Krenzke.)
- Kreptman, Morris, New York, N. Y. Permanent wave protector. 2,129,430; Sept. 6.
- Kresge, Harry L., New York, N. Y. Electrode terminal. 2,130,768; Sept. 20.
- Kress, Claud W., New York, N. Y. Handgrip especially adapted for guns. 2,104,129; Jan. 4.
- Kress, Claude W., New York, N. Y. Merchandise display. 2,136,109; Nov. 8.
- Kress, Edward W. (See Lydiard, S., and Kress.)
- Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Alkaline earth filler. 2,123,173; July 12.
- Kress, Ralph H., Lawrence, assignor to Patent Protection Corporation, Lowell, Mass. Rim release oil clutch. 2,122,067; June 28.
- Kress, S. H., and Company. (See Sibbert, Edward F., assignor.)
- Kretschmer, Frank P., Chicago, Ill. Machine for making filled confections. 2,125,729; Aug. 2.
- Kretzschmar, George W. (See Jegge, E. G., and Kretzschmar.)
- Kreuch, Carl, and M. Pier, Heidelberg, Germany, assignors to Standard-I. G. Company, Linden, N. J. Conversion of solid fuels and products derived therefrom or other materials into valuable liquids. 2,115,336; Apr. 26.
- Kreutz, Walter, St. Louis, Mo. Smoking pipe. 2,118,612; May 24.
- Kreutzig, Elsa, Jersey City, N. J. Toilet seat attachment to release sanitary tissue covers. 2,123,012; July 5.
- Kreuzer, Barton. (See Olson, H. F., and Kreuzer.)
- Kreuzer, Friedrich, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Printing telegraph receiver. 2,139,452; Dec. 6.
- Kriebel, Richard T., Waban, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. New and improved viewing device for use in the examination of photoelectric effects. 2,120,365; June 14.
- Kriebel, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. h., Berlin, Germany. Ultra-short wave receiving apparatus. 2,128,750; Aug. 30.
- Kriebbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Preignition oil burner system. 2,108,770; Feb. 15.
- Kriebbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,109,862; Mar. 1.
- Kriebbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid fuel burner control. 2,119,503; May 31.
- Kriebbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Furnace control system. 2,138,791; Nov. 29.
- Kriek, James H., Newark, N. J. Filtering apparatus. 2,106,218; Jan. 25.
- Krieg, Alfred, Woodbury, N. J., assignor to Socony Vacuum Oil Company, Incorporated, New York, N. Y. Thermocouple well. 2,135,720; Nov. 8.
- Krieg, Walter K., and E. Scheller, assignors to the firm Carl Zeiss, Jena, Germany. Electrode feeding mechanism for arc lamps. 2,136,082; Nov. 8.
- Kriegbaum, George M., and D. M. Morris, Richmond, Ind., assignors to International Harvester Company. Hopper construction. 2,124,198; July 19.
- Kriegel, Abraham, et al, executors. (See Kasanof, Maurice M.)
- Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,133,545; Oct. 18.
- Kriegsfeld, Louis, Jersey City, N. J., assignor to J. B. Behrend and C. C. Collier, New York, N. Y. Coin bank. 2,136,623; Nov. 15.
- Kriegstedt, Carl E. O., Washington, D. C. Thermostatic control device. 2,116,436; May 3.
- Kriek, Peter P., assignor to American Enka Corporation, Enka, N. C. Device for verifying the speed of rotating shafts. 2,119,627; June 7.
- Krimmel, Albert H., Denver, Colo. Fishing leader reel. 2,137,618; Nov. 22.
- Kriska, Andrew J., Cleveland, Ohio. Jar holder. 2,127,301; Aug. 16.
- Kriss, Joseph, Essex, Md. Clamp. 2,114,227; Apr. 12.
- Kristal, Robert M. (See Moffatt, William H., assignor.)
- Kristee Manufacturing Company, The. (See Creighton, Olin C., assignor.)
- Kristensen, Norman Y., assignor to Oakes Products Corporation, Detroit, Mich. Bumper guard structure. 2,108,129; Feb. 15.
- Kristich, John N., Knightsen, and N. B. Piriach, San Jose, Calif. Concrete pipe making machine. 2,130,551; Sept. 20.
- Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Hair dyeing method and composition. 2,116,521; May 10.
- Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Brushless shaving cream. 2,134,666; Oct. 25.
- Kritz, Frank, Detroit, Mich. Clutch control mechanism. 2,125,505; Aug. 2.
- Kritz, Frank, Detroit, Mich. Windshield wiper mechanism. 2,129,942; Sept. 13.
- Kritzer, John B., Oak Park, Ill. Coating wall surfaces. 2,110,335; Mar. 8.
- Kritzer, Richard W., and A. F. Hoesel, assignors to Peerless of America, Chicago, Ill. Finned type cooling unit. 2,118,206; May 24.
- Krivobok, Vsevolod N., Pittsburgh, Pa., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Alloy and manufactures. 2,115,732; May 3.
- Krivobok, Vsevolod N., Pittsburgh, Pa., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Alloy and manufactures. 2,115,733; May 3.



- Krivobok, Vsevolod N., Pittsburgh, Pa., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Alloy and manufactures. 2,125,299; Aug. 2.
- Krivobok, Vsevolod N., Pittsburgh, Pa., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Alloy and manufactures. 2,125,929; Aug. 9.
- Kriwat, Hans, Brunswick-Gliesmarode, Germany. Nut locking device. 2,129,009; Sept. 6.
- Kriwat, Hans, Brunswick-Gliesmarode, and W. Klages, Hanover, Germany. Insect catcher with catching grid under electric tension. 2,132,371; Oct. 4.
- Kroecker, Jacob J., assignor to The Fairmount Tool and Forging Company, Cleveland, Ohio. File holder construction. 2,127,176; Aug. 16.
- Kroenig, Walter. (See Pier, M., Donath, and Kroenig.)
- Kroenig, Walter. (See Pier, M., and Kroenig.)
- Kroenlein, Henry A., Cleveland, Ohio, assignor, by mesne assignments, to General Electric Company. Vacuum cleaner. 2,136,247; Nov. 8.
- Kroft, Verney E., Pittsburgh, Pa., and A. Roe, Newark, assignor to Carbondale Machine Corporation, Harrison, N. J. Chilling apparatus. 2,109,135; Feb. 22.
- Krog, Peter F., Rochester, N. Y. Heat alarm system. 2,113,326; Apr. 5.
- Kroger, Fred H., Rocky Point, N. Y., assignor to Radio Corporation of America. Frequency control transmission line. 2,108,895; Feb. 22.
- Kroger, Fred H., Rocky Point, N. Y., assignor to Radio Corporation of America. Transmitting system. 2,112,967; Apr. 5.
- Kroger Grocery & Bakery Company. (See Fick, Bernice, assignor.)
- Krogh, Anker E. (See Moore, C. B., and Krogh.)
- Krogh, Anker E., assignor to The Brown Instrument Company, Philadelphia, Pa. Instrument closure plate. 2,117,615; May 17.
- Kröhl, Otto L., St. Albans, District Port Elizabeth, Cape Province, assignor to Tube Gold Extractors (Proprietary) Limited, Johannesburg, Union of South Africa. Recovery of precious metals from solutions. 2,122,527; July 5.
- Krohn, John M., Racine, and E. H. Simpson, West Allis, Wis. Cylinder grinder. 2,128,751; Aug. 30.
- Kroke, Rudolf. (See Ornstein, G., and Kroke.)
- Kroll, Martin W., assignor of one-half to M. Lloyd Parcells, Columbus, Mont. Amalgamator and concentrator. 2,115,726; May 3.
- Kroll, Nathan J. (See Kroll, Samuel and N. J.)
- Kroll, Nathan J. and S., Chicago, Ill. Carriage. 2,111,974; Mar. 22.
- Kroll, Nathan J. and S., Chicago, Ill. Vehicle hub cap. 2,125,506; Aug. 2.
- Kroll, Nicolaus. (See Lebedenko, N., Naphtali, Kroll, and Meyer.)
- Kroll, Samuel. (See Kroll, Nathan J. and S.)
- Kroll, Samuel and N. J., Chicago, Ill. Latch for high chair tables. 2,115,860; May 3.
- Kroll, Stanley A. (See Collens, W. S., Wilensky, and Kroll.)
- Kromer, Emanuel, Spokane, Wash. Motor fuel saving apparatus. 2,137,574; Nov. 22.
- Kromm, Valentine O., Brooklyn, H. L. Kohl, Valley Stream, and C. H. C. de Guere, Brooklyn, N. Y. Individual wheel spring suspension. 2,112,293; Mar. 29.
- Kron, Abraham. (See Kron, Simon and A.)
- Kron, Saul, Passaic, N. J. Tilting camera support. 2,111,368; Mar. 15.
- Kron, Simon and A., New York, N. Y. Invisible screw showcase bracket. 2,115,531; Apr. 26.
- Kronasser, Walter. (See Strezynski, G. J., and Kronasser.)
- Kronbach, Edwin W. (See Thomas, N. M., and Kronbach.)
- Kronberg, Ninni M., Rydsgard, Sweden. Manufacturing milk powder. 2,127,524; Aug. 23.
- Kronheim, Jacob, et al. (See Freund, Morris, assignor.)
- Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor. 2,120,427; June 14.
- Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control. 2,120,937; June 14.
- Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostat. 2,120,938; June 14.
- Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Solenoid mechanism. 2,121,321; June 21.
- Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valved device. 2,123,283; July 12.
- Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,138,792; Nov. 20.
- Kronmiller, Charles W., Fort Wayne, Ind. assignor to General Electric Company. Transformer. 2,114,189; Apr. 12.
- "Kronprinz" Aktiengesellschaft für Metallindustrie. (See Feldhoff, Paul, assignor.)
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Safety and relief valve. 2,107,701; Feb. 8.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,117,180; May 10.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container for beverages. 2,124,823; July 26.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for applying enamel to can bodies. 2,129,220; Sept. 6.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Coating sheet metal can with wax. 2,138,741; Nov. 29.
- Kronquest, Alfred L., and S. C. Robison, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Sealing material for producing can seals and the like. 2,119,280; May 31.
- Kronsbein, John, assignor of one-half to The Brightside Plating Company Limited, Birmingham, England. Conveying metallic articles through apparatus for electroplating. 2,112,164; Mar. 22.
- Kropf, Henry W., assignor to Brickner-Kropf Machine Company, Muskegon Heights, Mich. Grinding wheel dresser. 2,137,690; Nov. 22.
- Kroupsky, George. (See Werner, J., and Kroupsky.)
- Kroupsky, George. (See Wilcox, R. L., Werner, and Kroupsky.)
- Krout, Ray W., Paterson, assignor to Charms Company, Bloomfield, N. J. Container. 2,119,789; June 7.
- Kroydon Company, The. (See Kraeuter, Arthur A., assignor.)
- Krueger, Albert G. (See Vaughan, F. P., Krueger, and Slye.)
- Krueger, August, Manitowoc, Wis. Sheave. 2,132,691; Oct. 11.
- Krueger, Edward C. (See Hobart, J. P., and Krueger.)
- Krueger, Elton W., Monterey, Mexico. Camera flashlight synchronizer. 2,123,112; July 5.
- Krueger, Emil M., assignor to Badge Meter Manufacturing Company, Milwaukee, Wis. Water meter mounting. 2,125,380; Aug. 2.
- Krueger, Emil M., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Disk meter. 2,129,943; Sept. 13.
- Krueger, Frank, assignor to E. W. Bliss Company, Brooklyn, N. Y. Can testing machine. 2,112,536; Mar. 29.
- Krueger, Max, Newark, N. J. Bottle closure. 2,127,776; Aug. 23.
- Krueger, Theodore H., Stratford, Conn. Tape serving machine. 2,110,912; Mar. 15.
- Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Inc., New York, N. Y. Tape serving machine. Re. 20,955; Dec. 27.
- Krug, Edward L. (See Jones, J. R., Stanger, and Krug.)
- Krug, George A., Baking Company. (See Roselius, Frederick, assignor.)
- Krug, Ludwig, New York, N. Y. Trick device. 2,117,809; May 17.
- Kruger, Earl, and W. M. Kendall, assignors to Kendall Dog Food Company, Portland, Oreg. Animal feed. 2,138,177; Nov. 29.
- Kruger, Isidor, Newton, Mass. Vibrating instrument for producing flocked articles. 2,118,732; May 24.
- Kruger, O. H. (See Steuer, Otto A., assignor.)
- Kruh, Osias, Vienna, Austria. Production of beryllium. 2,121,084; June 21.
- Krum, Alfred, Dusseldorf-Eller, assignor to Rheinische Metallwaren und Maschinenfabrik, Dusseldorf Derendorf, Germany. Transporting guns. 2,125,186; July 26.
- Krumhaar, Wilhelm, assignor to H. Reichhold, doing business as Reichhold Chemicals, Detroit, Mich. Resinous products and making same. 2,110,893; Mar. 8.
- Krumholz, Alfred F., Chicago, Ill. Clamp. 2,121,085; June 21.
- Krumm, William L., Chicago, Ill. Spear or arrow shaped box. 2,124,142; July 19.
- Krupa, Victor, New York, N. Y., assignor to Peerless Film Processing Corporation, Film processing. 2,106,751; Feb. 1.
- Krupp, Fried. Aktiengesellschaft. (See Naumann, Friedrich K., assignor.)
- Krupp, Fried. Aktiengesellschaft. (See Rosenbaum, Kurt, assignor.)
- Krupp, Fried. Aktiengesellschaft Grusonwerk. (See Peilert, Friedrich W., assignor.)
- Krupp, Fried. Germaniawerth Aktiengesellschaft. (See Dunkelmann, Hans, assignor.)
- Krupp, Fried. Germaniawerth Aktiengesellschaft. (See Ernst, Fritz, assignor.)
- Krupp, Fried. Grusonwerk Aktiengesellschaft. (See Kohler, Heinrich, assignor.)
- Krupp, Fried. Grusonwerk Aktiengesellschaft. (See Mosler, Karl, assignor.)
- Krupp, Fried. Grusonwerk Aktiengesellschaft. (See Reinbeck, Wilhelm, assignor.)
- Krupp, Hermann, Seattle, Wash. Mechanical toy. 2,121,735; June 21.
- Krupps Lion, Boston, Mass. Handbat and pump combination. 2,107,201; Feb. 1.



- Krus, Adolf, Sturzelberg over Neuss, and H. Steffe, Duisburg-Huckingen, assignors to Mannesmannröhren-Werke Aktiengesellschaft, Düsseldorf, and "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie, Cologne, Germany. Production of ferro-manganese. 2,128,615; Aug. 30.
- Kruse, Alvin H., Sunburst, Mont. Apparatus for supplying gas to internal combustion engines. 2,109,963; Mar. 1.
- Kruse, Hermann H. J., Bremen, Germany, assignor to No-Nail Cases Proprietary Limited, London, England. Apparatus for the manufacture of folding-box blanks. 2,115,635; Apr. 26.
- Kruse, Walter, and M. J. Fischer, assignors to C. Angelmi, Leipzig, Germany. Sterilizing and disinfecting. 2,121,875; June 28.
- Krzikalla, Hans. (See Schuster, C., and Krzikalla.)
- Krzikalla, Hans, Ludwigshafen-on-the-Rhine, B. Eistert, Mannheim, J. Mueller, Ludwigshafen-on-the-Rhine, and A. Thurm, Dessau, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,112,403; Mar. 29.
- Krzikalla, Hans, and B. Eistert, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Polyzazo dyestuffs. 2,116,206; May 3.
- Krzikalla, Hans, and P. Garbsch, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,117,733; May 17.
- Krzikalla, Hans, and P. Garbsch, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and their production. 2,120,560; June 14.
- Krzikalla, Hans, and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and producing same. 2,126,477; Aug. 9.
- Krzikalla, Hans, and H. Ufer, Ludwigshafen-on-the-Rhine, and B. Eistert, Mannheim, and G. Klaproth, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,128,255; Aug. 30.
- Krzikalla, Hans, and H. Ufer, Ludwigshafen-on-the-Rhine, and B. Eistert, Mannheim, and G. Klaproth, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,128,256; Aug. 30.
- Kšir, Karel. (See Löbl, K., and Kšir.)
- Ksoll, Joseph, Breslau, Germany. Supporting surface for flying machines. 2,137,879; Nov. 22.
- Kubaugh, LeRoy M. (See Workman, C. E., and Kubaugh.)
- Kubias, Lillian R., Cedar Rapids, Iowa. Portable air cooling device. 2,111,070; Mar. 15.
- Kubicky, Joseph, Brandywine Summit, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Manufacture of pile fabrics. 2,108,288; Feb. 15.
- Kubik Václav, Prague, Czechoslovakia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,114,845; Apr. 19.
- Kubo, Kaname, Mitaka-mura, Kitatama-gun, assignor to Nihon Magnesium Kabushiki Kaisha, Tokyo, Japan. Die casting apparatus. 2,120,333; June 14.
- Kucera, Frank A. (See Thompson, C. S., and Kucera.)
- Kucera, Frank A. (See Thompson, C. S., Kucera, and Riviere.)
- Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Trimming mechanism for sewing machines. 2,121,526; June 21.
- Kucera, Joseph B., Traer, Iowa. Grain elevator. 2,114,928; Apr. 19.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Hydraulic door operator for wagons. 2,108,864; Feb. 22.
- Kuchar, Joseph, assignor to Forged-Trak Co., Chicago, Ill. Track for track laying wheels. 2,115,227; Apr. 26.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Vehicle. 2,135,820; Nov. 8.
- Kuchenmeister, George, Hastings on Hudson, N. Y. Beverage cooler and fitting. 2,125,677; Aug. 2.
- Kucher, Andrew A., Dayton, Ohio. Multiple light sensitive tube. 2,140,799; Dec. 20.
- Kucher, Andrew A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Motor-compressor unit for refrigeration. 2,130,349; Sept. 20.
- Kucher, Andrew A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,132,534; Oct. 11.
- Kucher, Andrew A., and F. E. Gray, Dayton, Ohio. Stroboscopic apparatus. 2,127,605; Aug. 23.
- Kuck, Henry G., and T. J. Abele, Peoria, Ill. Double pouring spout. 2,110,769; Mar. 8.
- Kuck, Henry G., and T. J. Abele, Peoria, Ill. Washing machine. 2,120,101; June 7.
- Kuckl, Vincent S., Chicago, Ill. Measuring device. 2,120,412; June 14.
- Kudrna, Benedikt. (See Lill, F., and Kudrna.)
- Kueffer, E. H. (See Howard, Clarence B., assignor.)
- Kueffer, E. H. (See Metcalf, Herbert E., assignor.)
- Kueffer, E. H. (See Trautner, Wagn, assignor.)
- Kueffer, E. H. (See Trautner, W., and Metcalf, assignors.)
- Kuehl, Edward E., Verdigre, Nebr. Fish ladder. 2,121,968; June 28.
- Kuehmsted, Armin O., Chicago, Ill. Freezing container. 2,111,593; Mar. 22.
- Kuehn, Erich. (See Reppe, W., Uffer, and Kuehn.)
- Kuehn, Wilton H., Hebron, N. D. Heating apparatus for automobiles. 2,121,090; June 21.
- Kuehne Chemical Company. (See Bragg, Alfred O., assignor.)
- Kuehnel, Frank, Detroit, Mich. Automobile transmission. 2,123,430; July 12.
- Kuempel, Leon L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Safety pilot control system. 2,142,059; Dec. 27.
- Kuenhold, Otto J., Shaker Heights, assignor to The Forest City Foundries Company, Cleveland, Ohio. Warm air furnace structure. 2,127,177; Aug. 16.
- Kuentzel, Ward E. (See Batchelder, H. R., and Kuentzel.)
- Kuentzel, Ward E., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalyst regeneration. 2,113,028; Apr. 5.
- Kuentzel, Ward E., Whiting, Ind., T. A. Geissman, Minneapolis, Minn., and H. R. Batchelder, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Improving motor fuel. 2,129,142; Sept. 6.
- Kuenzli, Walter A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,112,537; Mar. 29.
- Kuessner, Willy H., Darmstadt, Germany, assignor to Merck & Co. Inc., Rahway, N. J. Improved method of separating mixed ergot alkaloids. 2,114,306; Apr. 19.
- Kugel, Frederick G., Bloomfield, N. J., assignor to The M. W. Kellogg Co., New York, N. Y. Form clip. 2,124,982; July 26.
- Kugel, Fritz, Heidenheim-on-the-Brenz, Germany. Hydrodynamic fluid coupling. 2,127,738; Aug. 23.
- Kugel, Fritz, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Company Inc., New York, N. Y. Turbo coupling. 2,133,029; Oct. 11.
- Kugelman, Jack, Philadelphia, Pa. Stocking. 2,125,114; July 26.
- Kuh, William H., Marinette, Wis., assignor to Eisendrath Glove Company, Chicago, Ill. Glove lining. 2,121,503; June 21.
- Kühl, Georg W., Helmstedt/Braunschweig, Germany. Softening water. 2,133,895; Oct. 18.
- Kuhlemann, Stig O. C., assignor to C. H. Lundholm, Aktiebolag, Stockholm, Sweden. Parachute harness. 2,108,066; Feb. 15.
- Kuhlemann, Stig O. C., assignor to C. H. Lundholm, Aktiebolag, Stockholm, Sweden. Device of support for parachutes. 2,108,716; Feb. 15.
- Kuhlemann, Stig O. C., and C. H. Lundholm, assignors to C. H. Lundholm, Aktiebolag, Stockholm, Sweden. Parachute supporting device. 2,108,491; Feb. 15.
- Kuhlik, Hattie B. (See Kuhlik, Jacob M., assignor.)
- Kuhlik, Jacob M., Brooklyn, assignor to H. B. Kuhlik, Kings County, N. Y. Sound device. 2,105,741; Jan. 18.
- Kühlewind, Walter. (See Leib, A., and Kühlewind.)
- Kuhlman Electric Company. (See Gakle, Wendolyn F., assignor.)
- Kuhlman, Henry J., assignor to Kuhlman Manufacturing Company, Waterloo, Iowa. Corn harvester. 2,139,165; Dec. 6.
- Kuhlman Manufacturing Company. (See Kuhlman, Henry J., assignor.)
- Kuhlmann, Marie K., Kerrville, Tex. Earscrew. 2,132,856; Oct. 11.
- Kuhn, Alfred, assignor to Dr. Madaus & Co., Radebeul-Dresden, Germany. Preparing triturations of fresh plants. 2,128,616; Aug. 30.
- Kuhn, Alfred R. (See Davis, W. S., and Kuhn.)
- Kuhn, Clarence W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,104,399; Jan. 4.
- Kuhn, Clarence W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,115,078; Apr. 26.
- Kühn, Ferdinand. (See Gontermann, H., and Kühn.)
- Kuhn, Henry G. M., Spencertown, N. Y. Garden line stake. 2,107,989; Feb. 8.
- Kuhn, Jacob, Rugby, N. Dak. Measuring device. 2,110,087; Mar. 1.
- Kuhn, John J., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector base. 2,136,624; Nov. 15.
- Kuhn, Karl A., Greenfield, Mass., assignor to Greenfield Tap and Die Corporation. Interchangeable die collet. 2,129,848; Sept. 13.
- Kuhn, Karl A., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Die stock. 2,135,671; Nov. 8.
- Kuhn, Richard, and H. Rudy, Heidelberg, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing phosphoric acid esters of hydroxyalkyl isocalloxazines. 2,111,491; Mar. 15.
- Kuhn, Wayne E., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treatment of cracked distillates. 2,120,134; June 7.
- Kuhn, Wayne E., and L. C. Kemp, Jr., Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Mineral oil distillation. 2,107,156; Feb. 1.



- Kühn, Wilhelm, Stuttgart-Degerloch, assignor to A. Meineke, Lennep (Rheinprovinz), Germany. Band. 2,130,552; Sept. 20.
- Kuhn, Wilhelmina M. (See Schaaff, Louis W., assignor.)
- Kühnel, Carl. (See Scholl, P., and Kühnel.)
- Kühnel, Paul. (See Tramm, H., Clar, Kühnel, and Schuff.)
- Kühner, Otto, Goppingen, Germany. Draw press. 2,129,774; Sept. 13.
- Kuhnert, Walter G. (See Fechner, E. R., and Kuhnert.)
- Kühni, Hans, Basel, Switzerland, assignor to L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude, Paris, France. Bubble plate for contacting gases and liquids. 2,136,139; Nov. 8.
- Kubns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Drive connection. 2,133,102; Oct. 11.
- Kuhns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Driving assembly. 2,136,446; Nov. 15.
- Kuhns, Austin, and E. R. Gasser, assignors to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Power transmission assembly. 2,141,306; Dec. 27.
- Kuhrts, George J., Jr., assignor to Standard Steel Works, Los Angeles, Calif. Portable paving plant. 2,106,008; Jan. 18.
- Kuiper, Gerhard C. R. (See Begg, R. S., and Kuiper.)
- Kuiper, Gerhard C. R., assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle brake. 2,139,083; Dec. 6.
- Kuipers, Minne, and H. G. Boumeester, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electron discharge device. 2,139,757; Dec. 13.
- Kükenthal, Hans. (See Schrader, G., Bayer, and Kükenthal.)
- Kulbawy, Ferdinand, West New York, N. J. Hat hanger. 2,108,678; Feb. 15.
- Kull, Fred F., Astoria, and P. L. Mosser, North Jackson Heights, N. Y. Soldering iron. 2,119,462; May 31.
- Kullack, Gerhard F. (See Schlayer, E. G., and Kullack.)
- Kulp, Harry W., assignor to K-D Manufacturing Company, Lancaster, Pa. Grinding tool. 2,135,900; Nov. 8.
- Kumetat, Karl, Dessau in Anhalt, and S. Gassner, Leverkusen, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Photographic desensitizing. 2,131,742; Oct. 4.
- Kumetat, Karl, Dessau, and S. Gassner, Leverkusen, near Cologne, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Photographic desensitizing. 2,132,169; Oct. 4.
- Kummer, Ernest W., Denver, Colo., assignor of one-half to D. G. Ong, Phoenix, Ariz. Portable air conditioner. 2,106,325; May 25.
- Kummerer, Wilhelm, and R. Gürtler, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling. 2,131,443; Sept. 27.
- Kun, Eugene, Vienna, Austria, assignor to Evans Case Company, North Attleboro, Mass. Powder box. 2,112,165; Mar. 22.
- Kundel, William, Hoboken, assignor of one-half to J. Parisi, Jersey City, N. J. Device for soaping flowing water. 2,120,807; June 14.
- Kunkel, Gregory J., Adrian, Minn. Automatic tractor steering mechanism. 2,113,889; Apr. 12.
- Kunkle, Bayard D. (See Pontis, W. G., Chryst, Kindl, and Kunkle.)
- Kunkle, Bert E., South Bend, Ind., assignor of one-half to F. E. Newhall, Chagrin Falls, Ohio. Separable electric connection. 2,118,562; May 24.
- Kunkel, John C., et al. (See Quick, Raymond B., assignor.)
- Kuno, Shukichi. (See Matsuyama, Y., Kuno, and Nasu.)
- Kunstidinger Patent Verwertungs A. G. (See Larsson, Markus, assignor.)
- Kuntke, Alfred, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X ray installation for short-time exposures. 2,113,696; Apr. 12.
- Kuntz, Frank A., Woodhaven, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,104,425; Jan. 4.
- Kunz, Alfons. (See Helle, J., and Kunz.)
- Kunz, Max A., Mannheim, and K. Koerberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Derivatives of the anthrapyrimidine series. 2,109,116; Feb. 22.
- Kunze, Karolus E., Jamaica, N. Y., and T. L. Soo Hoo, Quincy, Mass. Aircraft compass. 2,132,740; Oct. 11.
- Kunze, Wilhelm. (See Kleiner, H., Bayer, and Kunze.)
- Kunze, Wilhelm. (See Zerweck, W., and Kunze.)
- Kunze, Wilhelm. (See Zerweck, W., Kunze, and Brunner.)
- Kunze, Willy, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Compressional wave sender and receiver. 2,116,522; May 10.
- Kunze, Willy, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. System and method of distance and depth measurement. 2,116,523; May 10.
- Kunze, Willy, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Compressional wave sender or receiver. 2,138,036; Nov. 29.
- Künzer, Paul. (See Kippenberg, H., and Künzer.)
- Künzi, Hugo, Stuttgart-Feuerbach, Germany. Ice-cream freezer. 2,127,777; Aug. 23.
- Künzle, August, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Apparatus for operating upon textile webs. 2,114,716; Apr. 19.
- Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,106,894; Feb. 1.
- Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,107,829; Feb. 8.
- Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic device. 2,108,751; Feb. 15.
- Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,117,428; May 17.
- Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Camera. 2,117,429; May 17.
- Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,119,235; May 31.
- Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,122,865; July 5.
- Kuramochi, Fukuo. (See Morris, S. F., and Kuramochi.)
- Kurelic, Josef, Philadelphia, Pa. Mechanical animal. 2,120,102; June 7.
- Kurkjian, Yervant H., Paterson, N. J., assignor to American Safety Razor Corporation, Brooklyn, N. Y. Safety razor and blade. 2,141,755; Dec. 27.
- Kurlbaum, Georg, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Temperature regulation. 2,104,563; Jan. 4.
- Kurman, Electric Co. (See Kurman, Nathan A., assignor.)
- Kurman, Nathan A., Long Island City, assignor to Kurman Electric Co., Inc., New York, N. Y. Telephone receiver. 2,125,348; Aug. 2.
- Kuroda, Sadayosi, Gammito-ya, Nagoya-shi, Japan. Connection system for primary windings of transformers for use in commutator type converters. 2,138,548; Nov. 29.
- Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,121,086; June 21.
- Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,139,552; Dec. 6.
- Kurowski, Alfred G. F., Brooklyn, N. Y., and J. A. B. Smith, Stamford, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and card-perforating machine. Re. 20,740; May 31.
- Kurt, Anton, Jersey City, N. J. Apparatus for and method of cleaning carcasses. 2,132,634; Oct. 11.
- Kurth, Franz J., New York, N. Y., assignor to Anemostat Corporation of America. Air distributing device. 2,106,458; Jan. 25.
- Kurth, Franz J., London, England, assignor to Anemostat Corporation of America. Combined ventilating and illuminating device. 2,131,054; Sept. 27.
- Kurth, Matthew G., Madison, Wis. Packing assembly. 2,124,623; July 26.
- Kurth, Matthew G., Madison, Wis. Piston ring. 2,127,036; Aug. 16.
- Kurtl, Aladar, Highland Park, N. J., assignor to Mack Manufacturing Corporation. Thrust collar. 2,108,679; Feb. 15.
- Kurtl, Aladar, and A. D. Robbins, Highland Park, N. J., assignors to International Motor Company, New York, N. Y. Gear shifting and locking device. 2,118,090; May 24.
- Kurtz, Hans, Reutlingen, Germany. Endless screen wire fabric and making same. 2,124,373; July 19.
- Kurtz, Henry F. (See Gallaseh, G. B., and Kurtz.)
- Kurtz, Henry F. (See Hall, L. B., and Kurtz.)
- Kurtz, Jacob. (See Laise, C. A., and Kurtz.)
- Kurucz, John, and A. Korotes, Jamaica, N. Y. Garment hanger. 2,114,803; Apr. 19.
- Kury, Philip J. (See Brewer, Charles A., assignor.)
- Kurz, Fred, assignor to Sangamo Electric Company, Springfield, Ill. Polyphase watt-hour meter construction. 2,119,015; May 31.
- Kurz, Fred, assignor to Sangamo Electric Company, Springfield, Ill. Polyphase watt-hour meter construction. 2,129,010; Sept. 6.
- Kus, Walter C., Springfield, Mass. Electrically heated curling iron. 2,119,168; May 31.
- Kushina, James L., Honolulu, Twa, Ohio. Hair oil. Metal polish and rust remover. 2,126,119; Aug. 9.
- Kushman, Frank, Indian Harbor, assignor of one-half to C. Hollstedt, Gary, seven and one-half percent to J. S. Srebnik, and five percent to F. Brown, Indian Harbor, Ind. Automatically operating window screening device. 2,122,690; July 5.
- Kuskin, David, New York, assignor by power of attorney to Trico Products Corporation, Buffalo, N. Y. Super-motor. 2,110,158; Dec. 13.
- Kuss, Ralph L., assignor to Farrel Manufacturing Company, Joliet, Ill. Tank vehicle structure and the like. 2,122,574; July 5.



- Kutter, Herman L., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper making machine. 2,116,763; May 10.
- Kutter, Herman L., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,141,273; Dec. 27.
- Kutz, Nikolaus, Cologne, Germany. Vacuum massaging apparatus. 2,127,872; Aug. 23.
- Kuvalnes, Donovan E. (See Murphy, A. R., and Kuvalnes.)
- Kuyper, William W., Marblehead, Mass., assignor to General Electric Company. Electric power system. 2,125,115; July 26.
- Kuzelewski, Albert R., assignor to American Engineering Company, Philadelphia, Pa. Electrohydraulic system. 2,111,594; Mar. 22.
- Kuzelka, William R., New York, N. Y. Atomizing device. 2,139,506; Dec. 6.
- Kuzell, Charles R. (See Winkler, F. W., Mooney, Kuzell, and Mounts.)
- Kuzell, Charles R., Clarkdale, Ariz., assignor to Phelps Dodge Corporation, New York, N. Y. Treatment of sulphide ores. 2,111,789; Mar. 22.
- Kuznick, Joseph N., Passaic, and L. S. Hilton, Bloomfield, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Abrasive article. 2,122,691; July 5.
- Kwake, Joseph A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,120,704; June 14.
- Kwikon Company. (See Barnard, Charles W., assignor.)
- Kwikon Company. (See Fralick, Syles R., assignor.)
- Kwikon Company. (See Hecht, Paul O., assignor.)
- Kyle, George L., assignor to USL Battery Corporation, Niagara Falls, N. Y. Storage battery construction. 2,132,793; Oct. 11.
- Kyle, John R., South Charleston, W. Va. Door actuating mechanism. 2,130,959; Sept. 20.
- Kyle, William D., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Straight line connector. 2,120,469; June 14.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Mixed alkyl-alkanonyl esters of dicarboxylic acids. 2,119,993; June 7.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Butyl ester compositions. 2,120,755; June 14.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Methyl ester compositions. 2,120,756; June 14.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Derivatives of cyclohexylamine and uses therefor. 2,126,560; Aug. 9.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Plastic compositions. 2,139,369; Dec. 6.
- Kyser, Smith, Ionia, Mich. Toy. 2,138,280; Nov. 29.
- Kyseth, George L., Clarion, Iowa. Package opener. 2,132,741; Oct. 11.
- Kysor, Walter A., Cadillac, Mich. Engine cooling and heating means for motor vehicles. 2,105,193; Jan. 11.
- L. C. Engineering Supplies Limited. (See Galvin, Herbert D., assignor.)
- L. C. L. Corporation, The. (See Woodruff, Graham C., assignor.)
- L. & I. Linings Inc. et al. (See Skora, Hyman, assignor.)
- L. N. S. Corporation. (See Goss, Harry T., assignor.)
- Laabs, Max A., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,133,994; Oct. 25.
- La Barbera, Mariano, New York, N. Y. Cool smoking pipe. 2,122,255; June 28.
- L'Abée Lund Aktieselskab. (See L'Abée-Lund, Johan H., assignor.)
- L'Abée-Lund, Johan H., Slemdal, near Oslo, assignor to L'Abée Lund Aktieselskab, Oslo, Norway. Compass. 2,108,263; Feb. 15.
- La Bell, James D. (See Ives, M., and La Bell.)
- La Bell, Oldric J., Washington, D. C.; dedicated to the free use of the People of the United States of America. Arch type electrical road switch. 2,138,549; Nov. 29.
- Labisky, Arthur H., Barton, assignor to The Barton Corporation, West Bend, Wis. Washing machine. 2,119,677; June 7.
- La Boiteaux, Eugene M., Washington, D. C. Mechanical tabulator alphabetical indexing mechanism. 2,133,865; Oct. 18.
- La Bombard, Leon E., assignor to Oswego Falls Corporation, Fulton, N. Y. Machine for arranging disks having peripheral projections in a predetermined order. 2,104,657; Jan. 4.
- La Bombard, Leon E., Nashua, N. H., assignor to Oswego Falls Corporation, Fulton, N. Y. Forming severable flanges for slip covers and the like. 2,141,161; Dec. 27.
- Laborda, Richard, Brooklyn, N. Y. Vehicle. 2,105,085; Jan. 11.
- Laborda, Richard, and J. Carreras, Brooklyn, N. Y. Venetian blind. 2,116,356; May 3.
- Laborda, Richard, and J. Carreras, Brooklyn, N. Y. Venetian blind. 2,116,357; May 3.
- La Bour, Harry E., Elkhart, Ind. Self-priming centrifugal pump. 2,110,883; Mar. 15.
- La Bour, Harry E., Elkhart, Ind. Centrifugal pump. 2,134,254; Oct. 25.
- La Bour, Harry E., Elkhart, Ind. Centrifugal pump. 2,134,255; Oct. 25.
- Labovich, Nathan. (See White, A., and Labovich.)
- Labra, Joseph, Long Island City, N. Y. Glass tile or panel. 2,114,473; Apr. 19.
- Labra, Joseph, Long Island City, N. Y. Semiresilient ceramic tile flooring section. 2,114,474; Apr. 19.
- Labra, Joseph, Long Island City, N. Y. Ship deck mortar-like adhesive plastic. 2,121,087; June 21.
- La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,105,046; Jan. 11.
- La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,110,935; Mar. 15.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,124,784; July 26.
- La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,124,785; July 26.
- La Brie, Ludger E., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,124,786; July 26.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,127,739; Aug. 23.
- La Brie, Ludger E., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,127,740; Aug. 23.
- La Brie, Ludger E., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,127,741; Aug. 23.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,140,752; Dec. 20.
- La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,140,753; Dec. 20.
- La Brie, Ludger E., and J. R. Heidloff, Detroit, Mich., assignors to Bendix Aviation Corporation, South Bend, Ind. Hydraulic brake. 2,140,751; Dec. 20.
- Labus, Otto A., Wisconsin Rapids, Wis., and R. B. P. Crawford, Chicago, Ill., assignors to Frick Company, Waynesboro, Pa. Air conditioning system. 2,106,101; Jan. 18.
- La Casse, William J., assignor to The Coolerator Company, Duluth, Minn. Ice cuber. 2,127,262; Aug. 16.
- Lacey, Wilbur E., assignor to Coast Machinery Company, Lodi, Calif. Can filling machine. 2,111,071; Mar. 15.
- La Chapelle, Euclid I., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe upper stretching machine. 2,131,840; Oct. 4.
- La Chapelle, Euclid I., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shaping shoe upper materials to the contour of a last, Method and means for. 2,141,213; Dec. 27.
- Lachasse, Louis M., Paris, assignor to Société Anonyme des Appareils G. A. L., Neuilly sur-Seine, France. Radiator of aeroplane engines. 2,124,787; July 26.
- Laclede Steel Company. (See Friberg, Bengt F., assignor.)
- Lachmund, Ralph H., San Francisco, Calif. Automatic valve. 2,130,687; Sept. 20.
- Lackey, Clemett H. W. (See Leyburn, H., and Lackey.)
- Lackstrom, John W., and P. S. Kavanaugh, Springfield, Mass. Kitchen implement. 2,131,631; Sept. 27.
- Lacoe, Ralph D., San Diego, Calif. Ice cream making attachment for mechanical refrigerators. 2,122,817; July 5.
- La Croix, Wilfred J., Kansas City, Mo. Road marker. 2,127,037; Aug. 16.
- Lactona, Incorporated. (See Benz, George W., assignor.)
- Lacy, James E., Los Angeles, assignor of one-half to R. H. Lacy, San Marino, Calif. Compressed air deep well pump. 2,134,465; Oct. 25.
- Lacy, Richard H. (See Lacy, James E., assignor.)
- Ladd, George D. (See Caldwell, Albert E., assignor.)
- Ladd, George D. (See Ladd, Lester L., assignor.)
- Ladd, Lester L., Lockport, Ill. Tunnel kiln. 2,127,742; Aug. 23.
- Ladd, Lester L., assignor to G. D. Ladd, Lockport, Ill. Electrical connector. 2,113,792; Apr. 12.
- Laddon, Isaac M., Buffalo, N. Y., assignor to Consolidated Aircraft Corporation. Aircraft windshield and hatch. 2,108,289; Feb. 15.
- Laddon, Isaac M., San Diego, Calif., assignor to Consolidated Aircraft Corporation. Readily detachable fairing. 2,126,785; Aug. 16.
- Ladewig, Archie E., Waukesha, Wis. Apparatus for dispensing liquid. 2,129,944; Sept. 13.
- Ladewig, Archie E., and G. F. Soelch, Waukesha, Wis. Bottle washing machine. 2,108,227; Feb. 15.
- Ladewig, Archie E., and G. F. Soelch, Waukesha, Wis. Bottle washing machine. 2,124,423; July 19.
- Ladner, Alan W., Goochville, Danbury, England, assignor to Radio Corporation of America. Magnetron modulation system. 2,125,507; Aug. 2.
- Ladrach, Aaron G., Akron, Ohio. Precision measuring devices. 2,122,818; July 5.
- La Ducer, Arthur O., assignor to The Wiremold Company, Hartford, Conn. Take-off fitting. 2,133,706; Oct. 18.
- Ladue, Ralph E., Bronxville, N. Y., assignor to Mardel Corporation, Wilmington, Del. Shirt. 2,131,055; Sept. 27.
- Lael, Ralph, Lenoir, N. C. Conveyor stand. 2,111,452; Mar. 15.
- Lafargue, Bernard L., San Rafael, Calif. Blocking form. 2,138,866; Dec. 6.
- La Ferney, Delbert, Pine Bluff, Ark. Machine for cracking nuts. 2,140,428; Dec. 13.



- Lafferty, William M., Reading, Ohio. Packer head. 2,134,614; Oct. 25.
- Lafey, Philip A., Oshkosh, Wis. Glockenspiel attachment. 2,140,429; Dec. 13.
- Laflite, Théodore J.-B., Paris, and E. Pradier, Clichy, France, assignors to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,130,884; Sept. 20.
- Lafamme, Herbert J. (See Hutcheson, William F., assignor.)
- La Fleur, Elphege D., Lancaster, Mass. Diminishing feed. 2,116,794; May 10.
- Laford, Herbert M. (See Hopkins, R. M., and Laford.)
- La Fortune, Daisy F., Detroit, Mich. Hair waving device. 2,134,878; Nov. 1.
- La France, Donald S. (See Groll, H. P. A., Hearne, Burgin, and La France.)
- Lagaard, Alexander S. T. (See Hagman, H. C., and Lagaard.)
- Lagemann, William F., Detroit, Mich. Window construction. 2,123,632; July 12.
- Lagler, Frederick P., Ripon, Calif. Pocket medical or first aid kit. 2,108,492; Feb. 15.
- Lahde, Hermann, assignor to Ehrich & Graetz, Aktien-gesellschaft, Berlin, Germany. Burner for incandescent light. 2,133,707; Oct. 18.
- Lahiere, Eugene A., Princeton, N. J. Poultry feeder. 2,115,817; May 3.
- Lahl, Alfred. (See Amann, M., Günther, and Lahl.)
- Lahl, Alfred. (See Amann, M., Lahl, and Hatzinger.)
- Lahl, Alfred, assignor to Telefonbau und Normalzeit Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Telegraph transmitter. 2,133,056; Oct. 11.
- La Hodny, William, and A. T. Barager, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Mirror. 2,123,431; July 12.
- La Hodny, William, and G. C. Hoff, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Mirror. 2,114,767; Apr. 19.
- Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,105,483; Jan. 18.
- Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,129,849; Sept. 13.
- Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,139,685; Dec. 13.
- Laiho, Jalmer M., Chicago, Ill. Calculating machine. 2,136,694; Nov. 15.
- Lainau, Carl A. (See Hentirch, W., and Lainau.)
- Laing, Gordon F., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor control system. 2,136,695; Nov. 15.
- Laing, Nathan, New York, N. Y. Spinning top. 2,139,507; Dec. 6.
- Laing, Robert W., Cleveland Heights, Ohio. Locking device. 2,134,922; Nov. 1.
- Lainig, Vergil T., Arkansas City, Kans. Gauge tape case. 2,106,053; Jan. 18.
- L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude. (See Kühni, Hans, assignor.)
- Laird, Alfred W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Mold. 2,121,969; June 28.
- Laird, Harold R. (See Bouvier, G. A., and Laird.)
- Laird, Joseph P., assignor to The Wicaco Machine Corporation, Philadelphia, Pa. Fluid pump. 2,108,771; Feb. 15.
- Laird, Wilbur G., Pleasantville, N. Y. Air conditioning. 2,126,266; Aug. 9.
- Laise, Clemens A., Tenafly, N. J. Composition of matter. 2,107,122; Feb. 1.
- Laise, Clemens A., Tenafly, N. J. Incandescent metallic lamp filament. 2,114,426; Apr. 19.
- Laise, Clemens A., Tenafly, N. J. Fluorescent lamp. 2,116,977; May 10.
- Laise, Clemens A., Tenafly, assignor to Elster Electric Corporation, Union City, N. J. Refractory material and making same. 2,120,562; June 14.
- Laise, Clemens A., Tenafly, N. J., and J. Kurtz, Brooklyn, N. Y., assignors to Elster Electric Corporation, Union City, N. J. Composite metallic bodies. 2,120,561; June 14.
- Laltman, Michael, Brooklyn, N. Y. Closure. 2,106,459; Jan. 25.
- Lakatos, Emory. (See Blackman, R. B., and Lakatos.)
- Lakatos, Emory, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,115,818; May 3.
- Lakatos, Emory, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,126,562; Aug. 9.
- Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Automatic punching machine. 2,104,542; Jan. 4.
- Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Perforated record controlled machine. 2,111,117; Mar. 15.
- Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Plughboard. 2,111,118; Mar. 15.
- Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Paper spacing device. 2,126,644; Aug. 9.
- Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,129,775; Sept. 13.
- Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Commutator. 2,138,636; Nov. 29.
- Lake, Elmore D., Oakland, Calif. Making color printing plates. 2,129,945; Sept. 13.
- Lake, Harry E., Flushing, N. Y., assignor to Barber-Colman Company, Rockford, Ill. System of control for burners. 2,129,094; Sept. 6.
- Lake, Lawrence C. (See Left, Michael, assignor.)
- Lake, Philip L., Belleville, N. J. Renewable fitting for parallel corrugated flexible hose. 2,113,211; Apr. 5.
- Lake, Robert H., Takoma Park, Md. Stretcher for uniform cap covers. 2,105,047; Jan. 11.
- Lake, Ross A., Chicago, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Keyboard perforator and counter. 2,113,890; Apr. 12.
- Lake, Simon, Milford, Conn. Salvage apparatus. 2,125,301; Aug. 2.
- Lakeland Foundation. (See Gruskin, Benjamin, assignor.)
- Lakeman, Alfred H., and L. A. Gale, London, England; said Gale assignor to Lakeman. Printing machine. 2,110,228; Mar. 8.
- Lakeside Central Company, The. (See Olgay, Albert M., assignor.)
- Lakewood Mfg. Co. (See Majewski, Walter, assignor.)
- Lakey, Ray, Denton, Tex. Cooling tower. 2,108,680; Feb. 15.
- Lakso, Eino E., Fitchburg, Mass., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Packaging machine. 2,113,658; Apr. 12.
- Laland, Per, and A. Klem, assignors to Nyegaard & Company, Aktieselskap, Oslo, Norway. Producing and refining organ extracts. 2,134,256; Oct. 25.
- Laliberte, Albert J. (See Meuser, L., Messer, and Laliberte.)
- Lallmand, Rodolphe, et al. (See Leuchter, Nicolas, assignor.)
- La Londe, Frederick J., Virginia, Minn. Signal. 2,115,271; Apr. 26.
- La Londe, Thomas J., et al. (See Whitetree, Alva E., assignor.)
- La Londe, Moses, Springfield, Mass., deceased; C. V. Ryan, Jr., administrator; assignor of five-sixteenths to P. Haggerty, five-sixteenths to J. J. Bannon, and five-sixteenths to H. Bradt. Brake. 2,137,991; Nov. 22.
- Laloux, René, Brussels, Belgium. Machine gun. 2,115,861; May 3.
- Laloux, René, Brussels, Belgium. Barrel fastening means. 2,121,171; June 21.
- Laloux, René, Brussels, Belgium. Automatic rapid fire gun. 2,136,512; Nov. 15.
- Laloux, René, Brussels, Belgium. Machine gun. 2,141,537; Dec. 27.
- Lamar, David H., Fairmont, W. Va. Antiglare device. 2,117,181; May 10.
- La Mar, Frank C., New York, N. Y. Indicator. 2,128,418; Aug. 30.
- Lamar, Harry H., Wilkinsburg, assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Pressure relief valve. 2,111,430; Mar. 16.
- Lamar, Harry H., Wilkinsburg, assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Valve. 2,126,897; Aug. 16.
- Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,115,734; May 3.
- Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,141,607; Dec. 27.
- Lamatsch, Frederick, Grantwood, N. J., and A. J. Horton, White Plains, assignors to R. Hoe & Co., Inc., New York, N. Y. Web associating mechanism for printing machines. 2,118,816; May 31.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Control device. 2,123,470; July 12.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Thermionic relay elements. 2,127,977; Aug. 23.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Arc detector and suppressor. 2,129,143; Sept. 6.
- Lamb, Charles, South Pasadena, Calif. Rubber heel. 2,119,016; May 31.
- Lamb, Charles, South Pasadena, Calif. Rubber heel. 2,120,561; Aug. 9.
- Lamb, Charles C., Chicago, Ill. Cleaning materials. 2,107,866; Feb. 8.
- Lamb, Charles W., Buffalo, N. Y. Amusement device. 2,124,199; July 19.
- Lamb, Clyde K., assignor to The Safety Scaffold Corporation, Cleveland, Ohio. Scaffold. Re. 2,066,341; Feb. 13; Re. 2,066,341; Feb. 13.
- Lamb, Clyde K., assignor to The Safety Scaffold Corporation, Cleveland, Ohio. Scaffold. 2,126,606; May 15.
- Lamb, Cox I., Wilson, assignor to American Oil & F. F. Goddard, Oklahoma. Surface and line lock. 2,134,616; Oct. 25.
- Lamb, Edmund J. (See Lamb, Vernon, and F. J. Lamb.)



- Lamb, Edward, San Francisco, Calif. Apparatus and method for removing gas from enclosed areas. 2,120,563; June 14.
- Lamb, Foster W., Tarentum, Pa. Heated vehicle windshield wiper. 2,119,587; June 7.
- Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 2,116,154; May 3.
- Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 2,130,960; Sept. 20.
- Lamb, Frank H., Hoquiam, Wash. Hinged connection. 2,115,994; May 3.
- Lamb Glass Company, The. (See Arnold, H. W., and Badger, assignors.)
- Lamb, Harold S., South Gate, Calif. Internal combustion engine. 2,129,946; Sept. 13.
- Lamb Knitting Machine Corp. (See Usher, Charles H., assignor.)
- Lamb, Lawrence S. (See Parsons, J. H., and Lamb.)
- Lamb, Roy A. (See Crickmer, C. S., and Lamb.)
- Lamb, Thomas. (See Eichel, Frank A., assignor.)
- Lamb, Thomas B. (See Soybel, M. M., and Lamb.)
- Lamb, Veronica and E. J., New York, N. Y. Coffee making device. 2,123,054; July 5.
- Lambach, Fritz, Belleville, N. J., assignor to Robert Reiner, Incorporated. Knitting hosiery. 2,120,522; June 14.
- Lambe, Laurence J. (See Foster, F. G., and Lambe.)
- Lambert, Albert L., Narberth, Pa., assignor to Heintz Manufacturing Company. Retaining means. 2,128,305; Aug. 30.
- Lambert, Alvan R. (See Brump, H. L., and Lambert.)
- Lambert, Charles F., Grosse Pointe Farms, assignor to Clayton & Lambert Manufacturing Company, Detroit, Mich. Ammunition tank. 2,127,263; Aug. 16.
- Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Circuit breaker. 2,130,350; Sept. 20.
- Lambert, M. M., administratrix. (See Earll, Charles L., assignor.)
- Lambert, Oswald, Tamise, Belgium. Spinning and like textile frame. 2,131,896; Oct. 4.
- Lambert, Oswald, Tamise, Belgium. Spinning and like textile frame. 2,133,866; Oct. 18.
- Lambert, Ray W., Chicago, Ill. Memorandum recording device. 2,142,030; Dec. 27.
- Lambert, Raymond H. (See Sheppard, S. E., Houck, and Lambert.)
- Lambert, Robert. (See Delpech, G., and Lambert.)
- Lambert, Thomas H., Ridgewood, N. J., assignor of forty-five per cent to R. Tortoreto and twenty per cent to J. Mergendoller, New York, N. Y. Electric plug. 2,131,856; Oct. 4.
- Lamberton National Bank of Franklin, The, et al., executors. (See Conradson, Pontus H.)
- Lamberty, Frederick R. (See Bowne, L. J., Lamberty, and Stokely.)
- Lamberty, Frederick R., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,129,011; Sept. 6.
- Lambin, Charles F., Montreal, Quebec, Canada. Rotary engine. 2,129,431; Sept. 6.
- Lambole, H. J., et al. (See Sacker, Frank, assignor.)
- Lambooy, Maria P. J., Brussels, Belgium. Portable vanity case combined with handbag. 2,124,920; July 26.
- Lamela, William F., East Paterson, assignor to The Okonite Company, Passaic, N. J. Electric cable. 2,127,122; Aug. 16.
- Lamer, Louis, New York, N. Y. Molding. 2,140,234; Dec. 13.
- La Mer, Victor K. (See Kaufman, Y., and La Mer.)
- Laminated Shim Co. (See Young, Earle L., assignor.)
- Lamkey, William A., Brooklyn, N. Y. Mop. 2,141,994; Dec. 27.
- Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Vacuum-tight joint for electrode lead-ins. 2,118,613; May 24.
- Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Protecting means for ionic valves. 2,119,865; June 7.
- Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Ionic valve having conducting gaseous paths. 2,130,688; Sept. 20.
- Lammert, Cora M., et al. (See Thayer, William W., assignor.)
- Lamneck Products, Incorporated. (See Bangert, Charles A., assignor.)
- Lamond, Robert C., assignor to American Engineering Company, Philadelphia, Pa. Hydraulic motor. 2,125,452; Aug. 2.
- Lamond, Robert C., assignor to American Engineering Company, Philadelphia, Pa. Hoisting mechanism. 2,133,822; Oct. 18.
- Lamont, James H., assignor to James H. Lamont & Company, Limited, Edinburgh, Scotland. Pipe coupling device. 2,122,616; July 5.
- Lamont, James H., & Company. (See Lamont, James H., assignor.)
- La Monte, George, & Son. (See Simons, F. L., and Weiss, assignors.)
- Lamoree, James K. (See Graf, J. E., and Lamoree.)
- Lamothe, Rudolph I., and S. E. McFarland, Los Angeles, Calif.; said McFarland assignor to said Lamothe. Cap lock. 2,139,193; Dec. 6.
- Lamp, William F., Spokane, Wash. Trap. 2,122,147; June 28.
- Lampen-und Metallwarenfabriken R. Ditmar Gebruder Brunner A. G. (See Fränkel, Leo, assignor.)
- Lampi, Walter, New York, N. Y. Vanity case. 2,117,671; May 17.
- Lampton, Glen T., Williamsport, Pa., assignor to Aviation Manufacturing Corporation, Chicago, Ill. Propeller blade. 2,127,264; Aug. 16.
- Lamson Company, The. (See Catranis, John G., assignor.)
- Lamson Company, The. (See Klyver, Albert N., assignor.)
- Lamson Company, The. (See Jennings, Chester S., assignor.)
- Lamson Company, The. (See Regan, John E., assignor.)
- Lamson Company, The. (See Scanlan, Joseph M., assignor.)
- Lamson Company, The. (See Taylor, William J., assignor.)
- Lamson General Conveyors, Limited. (See Needham, John T., assignor.)
- Lamson & Sessions Company, The. (See Cordes, Robert Jr., assignors.)
- Lamson & Sessions Company, The. (See Frayer, Lee A., assignor.)
- Lamson & Sessions Company, The. (See Frayer, L. A., and Harvey, assignors.)
- Lamson & Sessions Company, The. (See Salter, John W., assignor.)
- Lamson & Sessions Company, The. (See Smith, Alexander M., assignor.)
- Lamson & Sessions Company, The. (See Smith, A. M., and Strayer, assignors.)
- Lamson & Sessions Company, The. (See Strayer, Lawrence H., assignor.)
- Lancaster, Graham H., assignor to Lancaster Inc., Los Angeles, Calif. Liquid meter. 2,129,144; Sept. 6.
- Lancaster Inc. (See Lancaster, Graham H., assignor.)
- Lancaster Iron Works, Incorporated. (See Martin, James P., assignor.)
- Lancaster, Jeter M., High Point, N. C. Drawer clamp. 2,114,390; Apr. 19.
- Lancaster, John T., Newtonville, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for inserting fastenings. 2,109,570; Mar. 1.
- Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in applying pressure to shoe bottoms. 2,125,930; Aug. 9.
- Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,125,931; Aug. 9.
- Lancaster, Owen G., Cheyenne, Wyo. Flashlight holder. 2,136,855; Nov. 15.
- Lancaster Processes Inc. (See Robinson, Thomas, assignor.)
- Lance Packing Company. (See Thomas, William E., assignor.)
- Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Field divider. 2,108,752; Feb. 1.
- Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Diffusing light polarizer. 2,122,178; June 28.
- Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Light polarizing material. 2,123,901; July 19.
- Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Light polarizing material. 2,123,902; July 19.
- Landau, Charles, Cleveland, Ohio, assignor of one-tenth to R. Kalish, eight-tenths to M. Landau, and one-tenth to A. M. Frankenthal, St. Louis, Mo. Curtain support. 2,104,261; Jan. 4.
- Landau, Joseph N., New York, N. Y. Massage device. 2,134,133; Oct. 25.
- Landau, Max, Berlin-Wilmersdorf, Germany, assignor to N. V. Machinerieën-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Separating hydrocarbon mixtures into fractions. 2,135,009; Nov. 1.
- Landau, Morris, et al. (See Landau, Charles, assignor.)
- Landau, Morris, et al. (See Tavira, F., and Haas, assignors.)
- Landauer, Arthur. (See Hill, H. C., and Landauer.)
- Landauer, Gustav, Mannheim, Germany. Production of a high luster on dyed fibers. 2,120,757; June 14.
- Landee, Frank A. (See Heath, S. B., and Landee.)
- Landenberger, Henry W., assignor to American Engineering Company, Philadelphia, Pa. Apparatus for pressure testing. 2,135,721; Nov. 8.
- Landerholm, Axel E., New York, N. Y. Vacuum pump. 2,114,884; Apr. 19.
- Landers, John, Omaha, Nebr. Dental cleaning and massage device. 2,121,701; June 21.
- Landgraf, Joseph, Chicago, Ill. Fastening device. 2,109,254; Feb. 22.
- Landis, Aaron, Elizabeth, N. J. Handbag. 2,121,154; June 21.
- Landis, Aaron, Elizabeth, N. J. Handbag. 2,126,898; Aug. 16.



- Landis, George G., assignor to The Lincoln Electric Company, Cleveland, Ohio. Motor protective device. 2,105,603; Jan. 18.
- Landis & Gyr, A.-G. (See Pudelko, Riccard, assignor.)
- Landis & Gyr, A.-G. (See Whitby, Ernest, assignor.)
- Landis & Gyr, A.-G. (See Whitby, E., Pedler, Selston, Newman, and Lester, assignors.)
- Landis Machine Company. (See Dunford, Ernest, assignor.)
- Landis Machine Company. (See Nell, Frederic, assignor.)
- Landis Tool Company. (See Ott, C. L., and Balsiger, assignors.)
- Landis Tool Company. (See Ott, C. L., and Price, assignors.)
- Landis Machine Company. (See Reimschuessel, Charles A., assignor.)
- Landis Machine Company. (See Wolf, Eugene G., assignor.)
- Landis, Richard P., Grass Valley, assignor to Landis Transfusion Equipment Co., Sacramento, Calif. Blood transfusion syringe. 2,138,605; Nov. 29.
- Landis Transfusion Equipment Co. (See Landis, Richard P., assignor.)
- Landis, William C., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vent opening protector. 2,128,050; Aug. 23.
- Land O'Lakes Creameries, Inc. (See Johnson, Alex, assignor.)
- Landon, Vernon D., Collingswood, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,105,538; Jan. 18.
- Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,113,212; Apr. 5.
- Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Antenna system. 2,135,037; Nov. 1.
- Landon, Vernon D., Collingswood, N. J., and J. D. Reid, Ardmore, Pa., assignors to Radio Corporation of America. Antenna system. 2,110,159; Mar. 8.
- Landon, Vernon D., Collingswood, and W. H. Conron, Haddonfield, N. J., assignors to Radio Corporation of America. Coil system for multiple range radio receivers and the like. 2,113,157; Apr. 5.
- Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,129,499; Sept. 6.
- Landreth, Morton L., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coin controlled apparatus. 2,121,970; June 28.
- Landreth, Morton L., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coin controlled apparatus. 2,121,971; June 28.
- Landrock, Paul, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Photographic film indicator. 2,109,373; Feb. 22.
- Landrock, Paul, and A. W. Caps, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I. Sheet cutting apparatus. 2,126,478; Aug. 9.
- Landrock, Paul, Rochester, and B. K. Murchison, Brooklyn, N. Y., assignors to Photostat Corporation, Providence, R. I. Photographic apparatus. 2,126,479; Aug. 9.
- Landsem, Peter T., assignor to Timber Engineering Company. Laminated structure. 2,118,048; May 24.
- Landsledel, Harry, Wilton, assignor, by mesne assignments, to General Shaver Corporation, Bridgeport, Conn. Dry shaving device. 2,108,493; Feb. 15.
- Landsledel, Harry, Wilton, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Character aligning sheet. 2,126,480; Aug. 9.
- Landsledel, Harry, Wilton, assignor, by mesne assignments, to General Shaver Corporation, Bridgeport, Conn. Shaver. 2,134,134; Oct. 25.
- Landsiedel, Walter W., Norwood, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Noise reducing device for adding machines and the like. 2,140,135; Dec. 13.
- Landsman, Mary D., Chicago, Ill. Garment form. 2,137,691; Nov. 22.
- Landwehr, Richard F. (See Kasdan, N., and Landwehr.)
- Lane, Clarence B., and B. W. Hammer, assignors to Iowa State College Alumni Association, Incorporated, Ames, Iowa. Making blue-veined cheese. 2,132,077; Oct. 4.
- Lane, Clifford J. (See Deschamps, D. J., and Lane.)
- Lane, Clarence J. (See Wagner, W. W., and Lane.)
- Lane Company, The. (See Loffin, Grady A., assignor.)
- Lane Company, The. (See Loffin, Grady A. and L. K., assignors.)
- Lane, Daniel J., Wyndmoor, assignor to Leeds & Northrup Company, Philadelphia, Pa. Control system. 2,119,108; May 31.
- Lane, David O., Fort Valley, Ga. Basket liner. 2,128,653; Aug. 30.
- Lane, Edward K., Houston, Tex. Whip stock anchor. 2,119,746; June 7.
- Lane, Ernest D. (See Morton, Walter, assignor.)
- Lane, Fred H., Hillsdale, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Varnish. 2,114,391; Apr. 19.
- Lane, Fred H., Hillsdale, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Plasticized pine wood pitch and producing. 2,114,392; Apr. 19.
- Lane, Fred H., Hillsdale, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Greaseproof impregnated article and preparing. 2,114,393; Apr. 19.
- Lane, George W., Canonsburg, Pa. Pottery making machine. 2,120,253; June 14.
- Lane, Gerould T., and R. W. Peters, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Sizing paper. 2,136,110; Nov. 8.
- Lane, John D., Boston, and R. H. Wilbur, Melrose, Mass.; said Lane assignor to said Wilbur. Pad of paper sheets. 2,123,903; July 19.
- Lane, Marshall H., Bridgeport, assignor to McKesson & Robbins, Incorporated, Fairfield, Conn. Display container. 2,115,269; Apr. 26.
- Lane, Michael T. (See Hehn, Louis F., assignor.)
- Lane, Orley B., Washington, D. C. Earth retainer. 2,138,037; Nov. 29.
- Lane-Wells Company. (See Anderson, Alexander, assignor.)
- Lane-Wells Company. (See Bender, John C., assignor.)
- Lane-Wells Company. (See Spencer, Lloyd, assignor.)
- Lane-Wells Company. (See Turechek, G. F., and Smith, assignors.)
- Lane-Wells Company. (See Wells, Walter T., assignor.)
- Lanehart, Clifton. (See Quandt, L. E., and Lanehart.)
- Lang, Albert, Berkeley, Calif. Window screen. 2,128,489; Aug. 30.
- Lang, Albert G., Whitestone, and T. H. Neely, Stewart Manor, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,132,857; Oct. 11.
- Lang, Albert H., Spokane, Wash. Electric toaster. 2,113,697; Apr. 12.
- Lang, Franz, Munich, Germany, assignor, by mesne assignments, to Lanova Corporation, New York, N. Y. Air chamber Diesel engine. 2,105,662; Jan. 18.
- Lang, George H., Boston, Mass. Reversing device. 2,107,705; Feb. 8.
- Lang, George H., Boston, Mass. Laundry listing machine. 2,119,713; June 7.
- Lang, Harold M. (See Blaut, S. J., and Lang.)
- Lang, Harold M., New York, N. Y. Magnetic hooking game. 2,107,672; Feb. 8.
- Lang, Henry T., Cleveland, and R. E. Dunbar, East Cleveland, assignors to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Commutator. 2,141,307; Dec. 27.
- Lang, Karl T., Coswig-Dresden, assignor to Dresden-Leipziger Schnellpressen-Fabrik A. G., Coswig, Germany. Copper plate printing machine. 2,105,249; Jan. 11.
- Lang, Karl T., Coswig-Dresden, assignor to Dresden-Leipziger Schnellpressen-Fabrik A. G., Coswig, Germany. Sheet delivery device for printing machines. 2,138,178; Nov. 29.
- Lang, Karl T., Coswig-Dresden, assignor to Dresden-Leipziger Schnellpressen-Fabrik A. G., Coswig, Germany. Rotary printing machine. 2,138,179; Nov. 29.
- Lang, Rudolf, assignor to the firm Oesterr. Ung. Optische Anstalt C. P. Goerz Gesellschaft m. b. H., Vienna, Austria. Angle valve transmitting device. 2,113,197; Apr. 5.
- Lang, Samuel G., 3rd, assignor to W. A. Barrows Porcelain Enamel Company, Cincinnati, Ohio. Sign letter. 2,141,955; Dec. 27.
- Lang, Walter S. (See Scully, R. T., and Lang.)
- Lang, William, assignor to The Bates Manufacturing Company, West Orange, N. J. File fastener. 2,105,836; Jan. 18.
- Lang, William E., Lexington, Ky. Apparatus for treating depleted oil sands. 2,107,006; Feb. 1.
- Lang, William E., Lexington, Ky. Increasing recovery from oil sands. 2,107,007; Feb. 1.
- Lang, William E., Lexington, Ky. Controlling recovery from oil sands. 2,137,167; Nov. 15.
- Lang, Wilmarth Y., Towaco, N. J., and E. F. Watson, Larchmont; said Lang assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Watson assignor to American Telephone and Telegraph Company. Teletypewriter. 2,106,805; Feb. 1.
- Langa, Morris, Philadelphia, Pa. Cultivating plants. 2,123,075; July 5.
- Langhein, Gerhard. (See Greune, H., Thiele, and Langhein.)
- Langhein, Gerhard. (See Kramstein, G., Greune, and Langhein.)
- Langhein, Harold W., Los Angeles, Calif. Brake indicating and testing device. 2,117,027; May 10.
- Langdon, Alfred G., Northern, Southampton, assignor to The Climax Rock Drill & Engineering Works Limited, London, England. Clutch and reverse gear. 2,104,638; Jan. 4.
- Langdon, Andrew. (See Larry, E. C., and Langdon.)
- Langdon, Andrew, Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,121,803; June 28.
- Langdon, Andrew H., Los Angeles, J. A. Langdon, Lancaster, and J. S. Langdon, La Habra, Calif. Fountains. 2,107,773; Feb. 8.
- Langdon, J. Spencer. (See Langdon, Andrew H., J. A., and J. S.)
- Langdon, James, Cleveland, Ohio. Refillable fuse. 2,121,127; June 21.
- Langdon, John A. (See Langdon, Andrew H., J. A., and J. S.)



- Lange, Adolph F. (See Burk, George W., assignor.)
- Lange, Alfons E., Hagen, E. Langguth, Hagen-Oberdelstern, E. Breuning, and A. Dassler, Hagen, assignors to Accumulatoren-Fabrik A.-G., Berlin, Germany. Electric battery, particularly secondary battery, and operating the same. 2,131,592; Sept. 27.
- Lange, Alfonso, Altona-Hochkamp, Germany. Chain-saw. 2,109,702; Mar. 1.
- Lange, Allert, Park Ridge, Ill. Dental tray. 2,122,101; June 28.
- Lange, Edward H., Baltimore, Md. Tobacco pipe. 2,105,539; Jan. 18.
- Lange, Emil, Berlin-Zehlendorf, Germany. Arc rupturing device for electric switches. 2,106,032; Jan. 18.
- Lange, Frank. (See Fitzhugh, John, assignor.)
- Lange, Fritz. (See Moll, F., and Lange.)
- Lange & Gellen. (See Feilkas, Heinrich, assignor.)
- Lange, Gustav. (See Freudenberg, R., and Lange.)
- Lange, Gustav. (See Freudenberg, Richard and H., Runkel, and Lange.)
- Lange, Hans. (See Hoffmann, O., and Lange.)
- Lange, Hans. (See Wiegler, A., Ohlendorf, and Lange.)
- Lange, Heinrich. (See Nicodemus, O. Lange, and Horn.)
- Lange, Max, Frankfurt-on-the-Main, and T. Jacobs, Wiesbaden, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Arylides of hydroxy-ortho-carboxy-benzoacridones. 2,124,336; July 19.
- Lange, Max E., Cleveland Heights, and N. P. Darash, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,128,950; Sept. 6.
- Lange, Max E., and J. J. N. Van Hamersveld, Cleveland Heights, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,129,280; Sept. 6.
- Lange, Otto J. (See Spicer, G. C., and Lange.)
- Lange, Raymond C., Odebolt, Iowa. Cultivator attachment for tractors. 2,111,453; Mar. 15.
- Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyes and manufacturing the same. 2,124,881; July 26.
- Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Production of metallo polyazo dyes. 2,127,470; Aug. 16.
- Langedijk, Siegfried L., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Preparation of halogenated organic hydroxy compounds. 2,106,353; Jan. 25.
- Langedijk, Siegfried L., and W. Coltof, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Refining vegetable oils and the like. 2,126,334; Aug. 9.
- Langemack, Ernest, Milwaukee, Wis. Necktie adjusting device for collars. 2,118,614; May 24.
- Langenberg, Frederick C. (See Russell, N. F. S., Langenberg, and Hunt.)
- Langenheim, Albert H. (See Runyan, W. B., and Langenheim.)
- Langer, Hans, Berlin-Wilmersdorf, and E. Putter, Berlin-Charlottenburg, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Whooping cough vaccine and making the same. 2,105,486; Jan. 18.
- Langer, John F., Faribault, Minn. Traction wheel attachment. 2,141,214; Dec. 27.
- Langer, Nicholas, New York, and C. W. W. Hoffman, Syracuse, N. Y.; said Langer assignor to said Hoffman. Audio frequency oscillator. 2,140,840; Dec. 20.
- Langford, George, Joliet, Ill. Rail joint. 2,134,449; Oct. 25.
- Langford, George, Joliet, Ill. Reforming rail joint bars. 2,134,450; Oct. 25.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Making rail joint bars. Re. 20,874; Oct. 4.
- Langford, George W., Ann Arbor, Mich. Air conditioning apparatus. 2,105,887; Jan. 18.
- Langguth, Erich. (See Lange, A. E., Langguth, Breuning, and Dassler.)
- Langhans, Otto W., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Double focus X-ray tube. 2,110,604; Mar. 8.
- Langhorst, Harry J., Larchmont, assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Fumigant carrier combination. 2,120,204; June 7.
- Langille, Wilfred O., Chester, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine lighting fixture. 2,123,483; July 12.
- Langille, Wilfred O., Chester, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Incandescent lamp. 2,131,253; Sept. 27.
- Langlet, Paul, Issy les Moulineaux, France, assignor to H. C. Wheeler, Boston, Mass. Curling clip. 2,124,824; July 26.
- Langley, Sam G., Maplewood, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record shaving machine. 2,138,346; Nov. 29.
- Langley, Sam G., Maplewood, G. F. Braun, Elizabeth, and B. M. Smith, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,113,156; Apr. 5.
- Langlois Bros. (See Ellis, Burdick R.)
- Langlois, Joseph U., Hull, Quebec, Canada. Bearing. 2,105,976; Jan. 18.
- Langlois, Harry F., et al. (See Ellis, Burdick R., assignor.)
- Langlois, Herbert N., et al. (See Ellis, Burdick R., assignor.)
- Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Sighting device and support for same. 2,126,195; Aug. 9.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Telescope. 2,126,335; Aug. 9.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Level. 2,127,302; Aug. 16.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Telescope. 2,130,095; Sept. 13.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Transit. 2,132,170; Oct. 4.
- Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Surveying instrument. 2,132,171; Oct. 4.
- Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Tangent adjusting means. 2,132,172; Oct. 4.
- Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Drafting apparatus. 2,136,140; Nov. 8.
- Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Drafting apparatus. 2,137,004; Nov. 15.
- Langstaff, John E., New York, N. Y. Boat hull. 2,139,831; Dec. 13.
- Langston, Samuel M., Co. (See Sieg, Karl, assignor.)
- Langston, Shelby P. (See Huston, Tom, assignor.)
- Langstreth, Melon. (See Anderson, J., and Langstreth.)
- Langstroth, Clifford B., Plainfield, N. J. Machine for use in manufacturing boiler shells. 2,117,435; May 17.
- Langvand, Ivar L., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,130,351; Sept. 20.
- Langwell, Herbert, Windmill End, Epsom, C. B. Maddocks, Epsom, and J. F. Short, Cheam, England, assignors to Carbide and Carbon Chemicals Corporation. Process and catalyst for making olefine oxides. 2,138,583; Nov. 29.
- Langworthy, Edward P., assignor to Bearium Metals Corporation, Rochester, N. Y. Bearing metal alloy. 2,121,204; June 21.
- Lanie, Leo, Manchester, Okla. Pneumatic tire. 2,130,096; Sept. 13.
- Lanier, Henry J., Langdale, Ala. Loom filling carrier tip support. 2,126,645; Aug. 9.
- Lank, Clarence H., Gloucester, Mass. Liquid level gauge. 2,109,355; Feb. 22.
- Lankelma, Herman P. (See Burk, R. E., and Lankelma.)
- Lankelma, Herman P. (See Musselman, J. M., and Lankelma.)
- Lankelma, Herman P., assignor to The Standard Oil Company, Cleveland, Ohio. Qualitative chemical identification and control analysis. 2,109,645; Mar. 1.
- Lankenau, John R., Brookline, Mass. Garment and fastening means. 2,134,976; Nov. 1.
- Lankenau, John R., Brookline, Mass. Garment and moistureproof cover means. 2,134,977; Nov. 1.
- Lankton, Robert E., Newport, N. Y., assignor to Restwell Products Incorporated. Lawn chair. 2,118,676; May 24.
- Lannert, Frank, assignor to Paragon Die Casting Company, Chicago, Ill. Molten metal pump. 2,110,379; Mar. 8.
- Lanning, Howard H., Topeka, Kans., assignor to General Steel Castings Corporation, Eddystone, Pa. Spring assembly. 2,106,219; Jan. 25.
- Lanninger, Karl L., Frankfurt-on-the-Main-Rodelheim, Germany. Rotating sprinkler. 2,138,282; Nov. 29.
- Lannmark, Sven E., Stockholm, Sweden. Bottle washing apparatus. 2,140,589; Dec. 20.
- Lannom Manufacturing Company, The. (See Grau, George D., Jr., assignor.)
- Lannon, James J. (See Petersen, Anker, assignor.)
- Lanova Corporation. (See Fischer, Hans, assignor.)
- Lanova Corporation. (See Lang, Franz, assignor.)
- Lauphler, Charles H., assignor to Sangamo Electric Company, Springfield, Ill. Coil construction. 2,138,606; Nov. 29.
- Lansing, Mortimer N., New York, N. Y. Bookmark. 2,108,494; Feb. 15.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 2,125,187; July 26.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,140,083; Dec. 13.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine starting mechanism. 2,140,405; Dec. 13.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,141,357; Dec. 27.
- Lanston Monotype Machine Company. (See Bancroft, W., and Indahl, assignors.)
- Lantini, David and L. D., assignors to N. D. Q. Specialty Corporation, Brooklyn, N. Y. Machine for molding chocolate articles and the like. 2,108,067; Feb. 15.
- Lantini, Leon D. (See Lantini, David and L. D.)
- Lanto, Edward, New York, N. Y. Apparatus for making hollow pressed axes. 2,138,867; Dec. 6.
- Lantz, Elmer G., Salem, Oreg. Trailer hitch. 2,133,202; Oct. 11.
- Lantz Phelps Corporation, The. (See Phelps, Clyde H., assignor.)



- Lantz, William H., Jr., assignor to American Electric Switch Corporation, Minerva, Ohio. Spring action rotary switch. 2,130,589; Sept. 20.
- Lanyl, Stephen, Passaic Park, N. J. Dust suction device for cleaning for clothing, etc. 2,104,400; Jan. 4.
- Lanyon, Samuel H., Oakland, Calif. Furnace wall construction. 2,129,328; Sept. 6.
- Lanzetti, Lorenzo. (See Romati, C., and Lanzetti.)
- Lanham, Edward A., Long Island City, N. Y. Seal for rotary shafts. 2,116,397; May 3.
- Lapham, Ella M., Minneapolis, Minn. Matted fabric and producing same. 2,138,108; Nov. 29.
- La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Apparatus for correcting skew and bow in woven material. 2,106,611; Jan. 25.
- La Pierre, Cramer W., and F. B. Menger, Schenectady, N. Y., assignors to General Electric Company. Straightener for woven material. 2,106,612; Jan. 25.
- Lapierre, Gérard, assignor of one-third to G. Bernier, Montreal, Quebec, Canada. Discharging receptacle. 2,130,466; Sept. 20.
- Lapinskas, Joseph, Cicero, Ill. Wire article. 2,121,403; June 21.
- La Plant Choate Manufacturing Company. (See Austin, Ellsworth W., assignor.)
- La Plant-Choate Manufacturing Co. Inc. (See Choate, R. E., Rodler, and Leech, assignors.)
- La Pointe, Albert A. (See Winsor, W. G., Jr., and La Pointe.)
- Lapointe, Francis J., Ann Arbor, Mich. Surface broaching machine. 2,129,850; Sept. 13.
- Lapointe Machine Tool Company, The. (See Phaneuf, Wilrose J., assignor.)
- Lapointe Machine Tool Company, The. (See West, Donald H., assignor.)
- Laport, Edmund A., Glen Ridge, N. J., assignor to Wired Radio, Inc., New York, N. Y. Mixing amplifier. 2,124,805; July 26.
- La Porte, Emery J., Omaha, Nebr. Casting apparatus. 2,110,301; Mar. 8.
- La Porte, R. B., et al. (See Brennan, Joseph F., assignor.)
- La Pour, Edward, Milwaukee, Wis. Hairpin. 2,136,883; Nov. 15.
- Lapp, Grover W. (See Van Rosen, H., and Lapp.)
- Lapp, Grover W., Le Roy, N. Y., and H. Van Rosen, Newton Center, Mass.; said Lapp assignor to said Van Rosen, now by judicial change of name, H. Van Roosen. Dust separator. 2,126,481; Aug. 9.
- Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Shifting means for transmissions. 2,136,697; Nov. 15.
- Laraque, Roland, Paris, France. Internal combustion engine. 2,113,990; Apr. 12.
- Larché, Kurt. (See Krefft, H., Wilde, and Larché.)
- Lard, Allan E., Washington, D. C. Golf club. 2,130,395; Sept. 20.
- Lare, Maurice A., Brock, Nebr. Tractor wheel rim. 2,122,720; July 5.
- La Resistia Corset Company, The. (See Jasper, Cora L., assignor.)
- Largaud, Joseph A., Point Roberts, Wash. Winch. 2,122,575; July 5.
- Large, Samuel R., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing and making same. 2,133,030; Oct. 11.
- Large, Samuel R., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,136,819; Nov. 15.
- Large, Wayne V. K., Hollis, and G. A. Locke, Glenwood Landing, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph exchange system. 2,114,253; Apr. 12.
- Larlson, Glenn L., La Grande, Ore. Loading a trailer onto a truck. 2,112,201; Mar. 22.
- Larkin, Dennis F., assignor to Larkin Specialty Manufacturing Company, San Francisco, Calif. Fruit coring and filling instrument. 2,118,976; May 31.
- Larkin, Donald A., Schoolcraft, Mich. Burial vault. 2,116,703; May 10.
- Larkin, Edward, Washington, D. C. Baseball head protector. 2,121,702; June 21.
- Larkin, Elwood T., Eggertsville, assignor to C. A. Cright, Buffalo, N. Y. Piston. 2,101,347; Jan. 4.
- Larkin, James L., Winthrop, assignor to Forbes Lithograph Manufacturing Company, Chelsea, Mass. Display box. 2,125,845; Aug. 2.
- Larkin Specialty Manufacturing Company. (See Larkin, Dennis F., assignor.)
- Larkin, Walter. (See Sherlin, E. C., and Larkin.)
- Larkwood Silk Hosiery Mills, Inc. (See Sachsenmaler, Ervin S., assignor.)
- Larnoe Corporation. (See Michel, Edmond, assignor.)
- Larmour, Harry M., and S. C. Pierce, Jr., assignors to Yosemite Portland Cement Corporation, Merced, Calif. Cement process and product. 2,133,622; Oct. 18.
- Larmuth, John H., Hill Crest, Upper Colwyn Bay, North Wales. Automatically stopping stranding, cabling, and rope making machines. 2,113,698; Apr. 12.
- Larner, Chester W., et al. (See Gaines, Eugene F., assignor.)
- La Rowe, Walker. (See Knowles, Freeman, assignor.)
- Larabee, Marshal H., Skaneateles, N. Y. Sound producing device or rattle. 2,137,651; Nov. 22.
- Larrecq, Anthony J., Beach Bluff, Mass., assignor to General Electric Company. Flanged joint. 2,133,146; Oct. 11.
- Larry, Edwin C., and A. Langdon, assignors to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,125,242; July 26.
- Larry, Edwin C., Rochester, and M. C. Twitchell, Spencerport, assignors to General Railway Signal Company, Rochester, N. Y. Automatic block signaling system for railroads. 2,125,243; July 26.
- Larry, Timothy A., Los Angeles, Calif. Pressure control fitting. 2,108,068; Feb. 15.
- Larsen, Agnew E., Jenkintown, assignor to Autogiro Company of America, Willow Grove, Pa. Rotary-winged aircraft. 2,122,428; July 5.
- Larsen, Agnew E., Huntingdon Valley, and P. H. Stanley, Glenside, assignors to Autogiro Company of America, Willow Grove, Pa. Empennage for rotary winged aircraft. 2,110,443; Mar. 8.
- Larsen, Agnew E., Huntingdon Valley, and P. H. Stanley, Glenside, assignors to Autogiro Company of America, Willow Grove, Pa. Rotative-winged aircraft. 2,111,975; Mar. 22.
- Larsen, Bernard M. (See Shenk, W. E., and Larsen.)
- Larsen, Dallas J. (See Larsen, Ole A., assignor.)
- Larsen, Earl I. (See Hensel, F. R., and Larsen.)
- Larsen, Elwell B. (See Long, G., and Larsen.)
- Larsen, Gabriel, Springfield, N. J., assignor to L. E. Waterman Company, New York, N. Y. Fountain pen. 2,139,084; Dec. 6.
- Larsen, Jacob C., Bexley, assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck construction. 2,108,378; Feb. 15.
- Larsen, Kai K., Copenhagen, Denmark. Socket joint. 2,121,322; June 21.
- Larsen, Leo M., Bellingham, Wash. Clothespin. 2,113,991; Apr. 12.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. Baby carriage. 2,141,538; Dec. 27.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. Baby carriage. 2,141,539; Dec. 27.
- Larsen, Louis G., Jersey City, N. J., assignor to Wirthsen Associates, Inc., New York, N. Y. Slotting machine. 2,109,356; Feb. 22.
- Larsen, Louis G., Jersey City, N. J., assignor to Wirthsen Associates, Inc., New York, N. Y. Slotting machine. 2,118,515; May 24.
- Larsen, Louis M., Rutherford, N. J., assignor to Interchemical Corporation, a corporation of Ohio. Cigarette package and making the same. 2,130,984; Sept. 20.
- Larsen, Neil P., assignor to American Coach and Body Company, Cleveland, Ohio. Vehicle body construction. 2,120,918; June 14.
- Larsen, Neil P., and H. J. Troche, assignors to American Coach & Body Company, Cleveland, Ohio. Vehicle braking system. 2,130,140; Sept. 13.
- Larsen, Olaf, Oak Park, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Heat transfer apparatus. 2,138,607; Nov. 29.
- Larsen, Ole A., assignor of twenty-four and one-half percent to D. J. Larsen, Salt Lake City, Utah. Rotary motor. 2,118,253; Mar. 24.
- Larsh, Everett P., Vandalia, assignor to The Master Electric Corporation, Dayton, Ohio. Engine piston. 2,107,795; Feb. 8.
- Larson, Albert T. (See Keating, M. H., and Larson.)
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation and recovery of aliphatic esters. 2,135,450; Nov. 1.
- Larson, Algot, assignor to Unique Balance Company, New York, N. Y. Window sash balance. 2,122,576; July 5.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Time delay switch. 2,113,594; Apr. 12.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Oxidized plunger and spring. 2,121,804; June 28.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electric hand lantern. 2,140,159; Dec. 13.
- Larson, Carl H., Elkhart, Ind., and D. J. McCarthy, Elgin, Ill., assignors to The Adlake Company. Mercury switch relay. 2,113,595; Apr. 12.
- Larson, Ernest E. (See Turner, Howard H., assignor.)
- Larson, Frank A., Saugus, Mass. Shoe sewing machine. 2,110,650; Mar. 8.
- Larson, Godfrey W., Kansas City, Mo., assignor to Standard Oil Company, Chicago, Ill. Tube heater. 2,122,935; June 28.
- Larson, Julia. (See Carr, Sidney L., assignor.)
- Larson, Karl R., and M. Ireland, St. Paul, Minn.; said Ireland assignor to said Larson. Spinner. 2,123,150; July 5.
- Larson, Leonard, and J. C. Kinnear, McGill, Nev., assignors to Kennecott Copper Corporation, New York, N. Y. Selective converting of copper matte. 2,109,272; Feb. 22.
- Larson, Louis J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded joint and welding the same. 2,111,790; Mar. 22.
- Larson, Louis J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded seam for alloy lines in vessels. 2,111,791; Mar. 22.



- Larson, Louis L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Paper sizing. 2,109,944; Mar. 1.
- Larson, Louis L., assignor to Krafelt Corporation of America, Wilmington, Del. Cork treated paper pulp. 2,121,703; June 21.
- Larson, Louis L., and G. L. Schwartz, assignors to Krafelt Corporation of America, Wilmington, Del. Floor covering. 2,105,484; Jan. 18.
- Larson, Otto, St. Louis, Mo. Transmission mechanism. 2,105,485; Jan. 18.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Casket ornamentation. 2,106,695; Jan. 25.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Casket hardware. 2,133,547; Oct. 18.
- Larson, Swan E., assignor to Geo. D. Roper Corporation, Rockford, Ill. Pump unit. 2,133,708; Oct. 18.
- Larson, Walter M., et al. (See Richter, Edward, assignor.)
- Larsson, Carl A., assignor to Vickers-Armstrongs Limited, Westminster, England. Ammunition container. 2,110,160; Mar. 8.
- Larsson, Carl A., and P. R. Higson, assignors to Vickers-Armstrongs Limited, Westminster, England. Machine gun and drum magazine therefor. 2,113,793; Apr. 12.
- Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley device. 2,117,028; May 10.
- Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Electric connector. 2,117,029; May 10.
- Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley pole tender. 2,117,030; May 10.
- Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Car coupler. 2,140,705; Dec. 20.
- Larsson, Lars E., Jonkoping, assignor to Aktiebolaget Siefert & Fornander, Kalmar, Sweden. Making waterproof igniting compositions. 2,128,368; Aug. 30.
- Larsson-Letzén, Einar W., Malmö, Sweden. Card playing apparatus. 2,105,358; Jan. 11.
- Larsson-Letzén, Einar W., Malmö, Sweden. Game apparatus. 2,128,419; Aug. 30.
- Larsson, Markus, Berlin, Germany, assignor to Kunst-dünger Patent Verwertungs A. G., Glarus, Switzerland. Manufacture of dicalcium phosphate and alkali salts. 2,114,600; Apr. 19.
- Larsson, Thure, assignor to Norton Company, Worcester, Mass. Abrasive wheel mount. 2,115,683; Apr. 26.
- Larsson, Thure, assignor to Norton Company, Worcester, Mass. Track grinding brick. 2,124,273; July 19.
- Larsson, Thure, assignor to Norton Company, Worcester, Mass. Pulpstone. 2,141,608; Dec. 27.
- La Rue, Dee, Chicago, Ill. Brassière and the like. 2,121,088; June 21.
- La Rue, Dee, Chicago, Ill. Dressmaking form and the like. 2,132,034; Oct. 4.
- La Rue, Wilford C. (See Christensen, H. D., La Rue, and Zackerson.)
- Lasar, Frank J. (See Whelan, George, assignor.)
- Lasch, Leopold, and G. Schichtel, Radenthein, Austria, assignors to American Magnesium Metals Corporation, Pittsburgh, Pa. Melting and casting magnesium and alloys rich in magnesium. 2,126,786; Aug. 16.
- Lasch, Werner, Waldenburg-Dittersbach, Germany. Seat. 2,122,347; June 28.
- Laschinger, Edgar F., and W. G. Jackson, Johannesburg, Union of South Africa, assignors to Dowson & Dobson Limited. Liquid controlled brake mechanism. 2,112,166; Mar. 22.
- Lasier, David R., assignor to Norton Lasier Company, Chicago, Ill. Releasable holding arm for doors and the like. 2,131,564; Sept. 27.
- Lasier, David R., assignor to Norton Lasier Company, Chicago, Ill. Door closing and checking device. 2,133,709; Oct. 18.
- Lasker, William W., deceased, Brooklyn, by Remington Rand Inc., Buffalo, N. Y., assignee. Card punching machine. Re. 20,720; May 10.
- Lasker, William W., Jr., Brooklyn, N. Y. Sensing device. 2,107,008; Feb. 1.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Bowden wire. 2,107,184; Feb. 1.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Converting and translating punch. 2,108,681; Feb. 15.
- Lasker, William W., Brooklyn, assignor, by mesne assignments, to Remington Rand Inc., New York, N. Y. Sub and grand total mechanism. 2,124,176; July 19.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Statistical card punch. 2,124,178; July 19.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,140,136; Dec. 13.
- Lasker, William W., Brooklyn, N. Y., and C. Ruiz, Stamford, Conn., assignors to Remington Rand Inc., New York, N. Y. Tabulating machine. 2,124,177; July 19.
- Laskey, William G., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal mounting. 2,128,420; Aug. 30.
- Laskin, Meyer, Baltimore, Md. Scraper attachment for blowtorches. 2,133,922; Oct. 18.
- Lasko, Joseph, Bronx, N. Y. Container for watches and the like. 2,136,625; Nov. 15.
- Lasky, Max, and C. P. Wood, assignors to Polymet Manufacturing Corporation, New York, N. Y. Pyroscope. 2,113,450; Apr. 5.
- Lasley, Edward D., J. A. Bundy, and H. K. Reineohl, Fort Wayne, Ind., assignors to International Harvester Company. Transmission. 2,115,390; Apr. 26.
- Lasley, Robert E., Waukegan, Ill. Power plant. 2,112,672; Mar. 29.
- La Société à Responsabilité limitée dite "Irmone". (See d'Achon, Simone, assignor.)
- Lassas, Johan A., Lapptrask, Finland. Motor driven cultivator or harrow. 2,117,065; May 10.
- Lassiat, Raymond C. (See Shabaker, H. A., and Lassiat.)
- Lassiat, Raymond C., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Structure and assembly of converters. 2,108,069; Feb. 15.
- Lassiter, Alwyn D., Philadelphia, Pa. Talking motion picture apparatus. 2,104,428; Jan. 4.
- Lassiter, John R., Jr. (See Quinn, C. E., and Lassiter.)
- Lassiter, Rush E., assignor to The Monopower Corporation, Detroit, Mich. Automatic transmission control. 2,133,548; Oct. 18.
- Laster, Robert. (See Huber, H., and Laster.)
- Laszlo, Szebelledy, Budapest, Hungary. Metallic iron for use as a pharmaceutical preparation. 2,112,167; Mar. 22.
- Lateltin, Hugo, New York, N. Y., and H. E. Bernhard, Miami, Fla. Stereoscope. 2,131,444; Sept. 27.
- Lateur, Gaston L., San Francisco, Calif. Self-closing cap for containers. 2,105,695; Jan. 18.
- Latham, Edward G. (See Turner, L. A., and Latham.)
- Latham, George H. (See Hunt, J. K., and Latham.)
- Latham, George H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,104,084; Jan. 4.
- Latham, Leonard. (See Finlayson, D., and Latham.)
- Lathrop, Harry D., Chicago, Ill., assignor to The Lathrop-Paulson Co. Drying mechanism for cans and the like. 2,132,303; Oct. 4.
- Lathrop, Harvey, Forest Hills, Long Island, N. Y. Foldable clock device. 2,125,294; Aug. 2.
- Lathrop Hoge Gypsum Construction Company. (See Lathrop, Jay C., assignor.)
- Lathrop, Jay C., assignor to Lathrop Hoge-Gypsum Construction Company, Cincinnati, Ohio. Roofing construction. 2,118,207; May 24.
- Lathrop-Paulson Co., The. (See Lathrop, Harry D., assignor.)
- Lathrop-Paulson Company. (See Rufus, Otto B., assignor.)
- Latimer, Chester W., West Orange, N. J., and J. L. Finch, Patchogue, and H. H. Beverage, Riverhead, N. Y., assignors to Radio Corporation of America. Relay system. 2,106,806; Feb. 1.
- Latimer, William W., Detroit, Mich. Hoisting apparatus. 2,121,565; June 21.
- Latocha, Eugene, Cleveland, Ohio. Dispensing device. 2,123,606; July 12.
- Latshaw, Charles E., Minneapolis, Minn. Mixing knife. 2,140,706; Dec. 20.
- Latta, David W., assignor to Hercules Motors Corporation, Canton, Ohio. Governor controlled compression ignition internal combustion injection engine. 2,121,666; June 21.
- Latta, Lynn H. (See Dow, D. M., and Latta.)
- Lattner, Emert J., Cedar Rapids, Iowa. Hydraulic system control means. 2,123,950; July 19.
- Lattorf, Richard, Hanover, Germany, assignor to The United Limmer and Vorwölhe Rock Asphalte Company Limited, London, England. Artificial slab. 2,105,152; Jan. 11.
- Latz, Harry, Service, Inc. (See Latz, Harry L., assignor.)
- Latz, Harry L., assignor to Harry Latz Service, Inc., New York, N. Y. Printing apparatus. 2,123,013; July 5.
- Latzen, Josef, Dusseldorf-Oberkassel, Germany. Hydraulically controlled steering mechanism. 2,111,668; Mar. 22.
- Laub, Jacobo J., Breslau, and F. Kirschstein, Berlin-Tempelhof, Germany, assignors to Radio Patents Corporation, New York, N. Y. Transmission of messages or pictures over long distance lines. 2,110,444; Mar. 8.
- Laube, Grover, Los Angeles, R. C. Stevens, Beverly Hills, and C. M. Miller, assignors to Fox Film Corporation, Los Angeles, Calif. Motion picture camera. 2,104,948; Jan. 11.
- Laube, Grover, and C. M. Miller, assignors to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Lens mount. 2,116,704; May 10.
- Lauck, Albert G., and J. M. Johnson, Alton, Ill., assignors to Owens-Illinois Glass Company. Apparatus for surface treating glass containers. 2,109,391; Feb. 22.
- Laucks, I. F., Inc. (See Dike, Theodore W., assignor.)
- Laucks, I. F., Inc. (See Eilertsen, Leo W., assignor.)
- Laucks, I. F. (See Horn, Erwin A., assignor.)
- Laucks, I. F., Inc. (See Lawse, Walter D., assignor.)
- Laucks, I. F., Inc. (See Tripp, Elwood L., assignor.)
- Laudano, Filippo, Turin, Italy. Telegraphic receiver. 2,125,616; Aug. 2.
- Lauder, Arthur H., and D. R. Shoults, Schenectady, N. Y., assignors to General Electric Company. Starting electric motors. 2,123,055; July 5.



- Lauenstein, Carl F., and C. J. Brinkworth, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Composite article. 2,105,048; Jan. 11.
- Lauenstein, Carl F., and C. J. Brinkworth, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Ferrous metal. 2,105,220; Jan. 11.
- Lauenstein, Carl F., and P. F. Ulmer, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Treating metal. 2,105,888; Jan. 18.
- Lauenstein, Otto. (See Wasserkampf, Alfons, assignor.)
- Lauer, Carl E., and L. V. Phillips, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Treating residual paraffinic oils. 2,120,135; June 7.
- Lauer, Carleton J. (See McKinley, C. W., and Lauer.)
- Lauer, Carleton J., and R. L. Bowers, Flint, Mich., assignors to General Motors Corporation, Detroit, Mich. Electric fuel pump. 2,139,370; Dec. 6.
- Lauer, Léon N., Clichy, France, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,134,564; Oct. 25.
- Lauer, Léon N., Clichy, France, assignor to Bendix Products Corporation, South Bend, Ind. Servo-clutch operating mechanism. 2,137,533; Nov. 22.
- Lauer, Raymond J., assignor to The Dole Valve Company, Chicago, Ill. Pipe coupling. 2,123,999; July 19.
- Lauersdorf, Albino O., Rosario, Argentina. Automatic device for effecting telephone calls and transmitting signals. 2,131,565; Sept. 27.
- Lauf, Hans, Berlin-Charlottenburg, assignor to Knorr-Bremse Aktiengesellschaft, Berlin-Lichtenberg, Germany. Gas-operated gun loading device. 2,119,169; May 31.
- Lauf, Hans, Berlin-Charlottenburg, assignor to Knorr-Bremse Aktiengesellschaft, Berlin-Lichtenberg, Germany. Breech mechanism. 2,138,972; Dec. 6.
- Lauff, Max, Detroit, Mich. Wrist watch bracelet. 2,119,436; May 31.
- Laugaudin, Eugène, Paris, France. Improved shock absorber. 2,111,792; Mar. 22.
- Laughery, Emma A., Chicago, Ill. Coin operated vending machine. 2,119,548; June 7.
- Laughlin, George F., Toronto, Ontario, Canada. Test for syphilis and preparing the reagent used in performing the test. 2,111,976; Mar. 22.
- Laughlin, Kenneth C. (See Sweeney, W. J., and Laughlin.)
- Laughlin, William C., Kew Gardens, assignor, by mesne assignments, to Filtration Equipment Corporation, New York, N. Y. Treating sewage. 2,114,601; Apr. 19.
- Laughlin, William C., assignor to Filtration Equipment Corporation, New York, N. Y. Magnetic sewage clarification. 2,125,846; Aug. 2.
- Laughlin, William C., assignor to Filtration Equipment Corporation, New York, N. Y. Sealing plate for sand filter cleaners. 2,141,153; Dec. 20.
- Lauder, Ernie L. (See Hosmer, C. C., and Lauder.)
- Laurent, Frank J. (See Fosty, Léopold, and T., and F. J. Laurent.)
- Laurent, Milton P., assignor to W. K. M. Company, Incorporated, Houston, Tex. Brake. 2,136,111; Nov. 8.
- Laurent, Pierre G. (See Augier, J., and Laurent.)
- Laurent, Théophile. (See Fosty, Léopold and T., and F. J. Laurent.)
- Lauret, Marin A., Neuilly/Seine, France. Liquid fuel injection apparatus for internal combustion engines. 2,131,857; Oct. 4.
- Laurila, Frans H., Worcester, Mass. Tip-up. 2,122,841; July 5.
- Laursen, Laurits A., Copley, Ohio. Apparatus for and method of inserting washers in rubber heels. 2,118,817; May 31.
- Lauson Company, The. (See Bosma, Alfred S., assignor.)
- Lauson Company, The. (See Plett, Edgar M., assignor.)
- Lautenbach, Robert C. (See Sybenga, Jacob J., assignor.)
- Lautenschläger, Carl L., Frankfurt-on-the-Main, and W. Ludwig, Frankfurt-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing a substance promoting lactation. 2,125,508; Aug. 2.
- Lautenschläger, Carl L., and P. von Mutzenbecher, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing thyroxin. 2,130,985; Sept. 20.
- Lauter, Felix, Evanston, assignor to Sealokite Corporation, Chicago, Ill. Synthetic resin. 2,108,341; Feb. 15.
- Lauter, Felix, Evanston, assignor to Sealokite Corporation, Chicago, Ill. Printing solution. 2,140,754; Dec. 20.
- Lauterbach, Alexander, Washington Mills, assignor to Horrocks-Ibbotson Company, Utica, N. Y. Fishing reel. 2,120,334; June 14.
- Lautz, Carl F. (See Peo, R. F., Lautz, and Magrum.)
- Lautz, Carl F., and R. F. Peo, assignors to Houde Engineering Corporation, Buffalo, N. Y. Link. 2,122,652; July 5.
- Lautzenheiser, George, assignor to A. Neuhauser, Bluffton, Ind. Folding machine. 2,110,368; Mar. 8.
- Lava Crucible Company of Pittsburgh. (See White, Harold E., assignor.)
- Lavery, Ernest L., Toledo, Ohio. Blade haft. 2,105,663; Jan. 18.
- Lavett, Charles O., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Liquor feed for drum driers. 2,129,329; Sept. 6.
- Lavigne, Joseph P., Detroit, Mich. Vehicle window control mechanism. 2,124,037; July 19.
- Lavigne, Joseph P., assignor to G. E. Gagnier and B. C. Place, Detroit, Mich. Securing molding or the like. 2,124,252; July 19.
- La Villette, Charles, Ozone Park, assignor to Nusbaum Knitters, Inc., New York, N. Y. Knitting. 2,132,512; Oct. 11.
- Lavine Gear Company. (See Twyman, B. Wickliffe, assignor.)
- Lavine, George, Brooklyn, assignor to Oakdale Contracting Company, Inc., New York, N. Y. Emulsifying device. 2,124,580; July 26.
- Lavino, E. J., and Company. (See Seil, Gilbert E., assignor.)
- Law, Albert, Jackson Heights, N. Y. Baffle gate bearing for one-way rotation. 2,106,220; Jan. 25.
- Law, Raymond M., and H. C. Britton, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Purification of caustic. 2,138,347; Nov. 29.
- Lawler, James, assignor to Hazard Advertising Corporation, New York, N. Y. Basket-type floor merchandiser. 2,121,155; June 21.
- Lawless, Edward J., Chicago, Ill. Egg carton and filler. 2,134,763; Nov. 1.
- Lawley, George & Son Corporation. (See Tamm, Bror, assignor.)
- Lawlor, John J., Plainfield, N. J. Molding machine. 2,111,564; Mar. 22.
- Lawlor, Joseph P., Ames, Iowa. Aeration of treated water in elevated tanks. 2,128,617; Aug. 30.
- Lawlor, Simeon C., assignor to E. E. Doerr, Chicago, Ill. Mop holder. 2,109,335; Feb. 22.
- Lawner, Nicholas, and S. Duberstein, Brooklyn, N. Y., assignors to American Sundries Company, Inc. Electric vaporizer. 2,123,509; July 12.
- Lawrance, Athol E. N., Johannesburg, Transvaal, Union of South Africa. Acoustical device. 2,109,012; Feb. 22.
- Lawrence, Anna A., San Francisco, Calif. Nurse's cap. 2,104,997; Jan. 11.
- Lawrence, Arthur L., Newton, Mass. Coaster. 2,131,878; Oct. 4.
- Lawrence, Charles K. (See Kniskern, W. H., and Lawrence.)
- Lawrence, Charles K., Baldwinville, N. Y., and A. H. Maude, Prince George County, Va., assignors, by mesne assignments, to The Solvay Process Company, New York, N. Y. Granulation of fertilizers. 2,118,438; May 24.
- Lawrence, Charles K., Baldwinville, and A. H. Maude, Niagara Falls, assignors to The Solvay Process Company, New York, N. Y. Preparation of fertilizers. 2,118,439; May 24.
- Lawrence, Edward S., and G. G. McGlaughlin, Mount Lebanon, Pa. Lap joint for roofing and the like. 2,130,189; Sept. 13.
- Lawrence, John G., Tampa, Fla. Safety razor. 2,111,217; Mar. 15.
- Lawrence, John G., Tampa, Fla. Fishing tackle. 2,119,504; May 31.
- Lawrence, John H., Bronxville, assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Stoker furnace. 2,113,891; Apr. 12.
- Lawrence, Joseph L., assignor to W. King, San Francisco, Calif. Filling machine. 2,122,148; June 28.
- Lawrence, Joseph T., Jersey City, N. J., and L. Hartman, assignors to Mitchell-Rand Manufacturing Company, New York, N. Y. Metal reinforced sheathing sheet and making same. 2,123,247; July 12.
- Lawrence, Leland E., La Grange Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Storage battery. 2,110,993; Mar. 15.
- Lawrence-McFadden Co., The. (See Schuessle, Elwood J., assignor.)
- Lawrence, Rollie A., Elgin, Ill. Stave. 2,120,838; June 14.
- Lawrence, Victor H., Norristown, Pa., assignor to Allen Wood Steel Company. Producing sheets from corrosion-resistant ferrous base alloys combining improved strength properties with corrosion resistance. 2,108,588; Feb. 15.
- Lawrence, Victor H., Norristown, Pa., assignor to Allen Wood Steel Company. High strength corrosion resistant ferrous alloy sheets. 2,111,154; Mar. 15.
- Lawrence, Willard W., Patoka, Ill. Locomotive for differentials. 2,127,692; Oct. 11.
- Lawrie, Leslie G., R. J. Reynolds, and H. A. Frazett, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Textile fabric and making the same. 2,109,295; Feb. 22.
- Lawrie, Errol R. (See Dickinson, F. S., and Lawrie.)
- Lawrie, Walter D., assignor to F. E. Lynch, Inc. Seat for Wash. Slat assembly device. 2,115,155; Nov. 8.
- Lawsen, Axel A., Beverly, Mass., assignor to United States Machinery Corporation, Paterson, N. J. Forming machine. 2,110,532; Dec. 20.
- Lawson, Edward D., Park Ridge, Ill. Automatic safety switch for vehicles. 2,120,000; Sept. 20.
- Lawson, Eugene P., San Angelo, Tex. Sack holder. 2,128,618; Aug. 30.
- Lawson, Gottfried C., and C. Lindquist, Cleveland, Ohio. Venetian shade. 2,111,978; Mar. 22.
- Lawson, Gottfried C., and C. Lindquist, Cleveland, Ohio. Venetian shade. 2,111,979; Mar. 22.



- Lawson, Gottfrid C., and C. Lindquist, Cleveland, Ohio. Venetian shade. 2,111,980; Mar. 22.
- Lawson, Marion C., Los Angeles, Calif. Container with sliding cap. 2,139,085; Dec. 6.
- Lawson, Oscar L., assignor to National Development Company, Lynn, Mass. Heel attaching machine. 2,120,337; June 14.
- Lawson, Oscar L., assignor to National Development Company, Lynn, Mass. Edge setting iron. 2,131,378; Sept. 27.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,104,231; Jan. 4.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,104,232; Jan. 4.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Take-up rod. 2,108,773; Feb. 15.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Indicating means and method for knitting or other machines. 2,109,945; Mar. 1.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Yarn gauging mechanism. 2,123,367; July 12.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Spring needle knitting machine. 2,123,535; July 12.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,127,178; Aug. 16.
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel attaching machine. 2,125,349; Aug. 2.
- Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Needle bed for knitting machines. 2,108,772; Feb. 15.
- Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, and A. Gagné, assignors to Hemphill Company, Central Falls, R. I. Yarn feeding device. 2,109,863; Mar. 1.
- Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Yarn furnishing device. 2,110,088; Mar. 1.
- Lawson, Robert H., Pawtucket, and I. H. C. Green, assignors to Hemphill Company, Central Falls, R. I. Mechanism for and method of knitting wrap stripes. 2,111,492; Mar. 15.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine and method of knitting. 2,115,929; May 3.
- Lawson, Robert H., Pawtucket, and A. Gagné, assignors to Hemphill Company, Central Falls, R. I. Bumper bracket for knitting machines. 2,116,632; May 10.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine and method. 2,123,284; July 12.
- Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Cam block for knitting machines. 2,123,534; July 12.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine and method of knitting. 2,123,701; July 12.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine for plaiting and reverse plaiting. 2,124,000; July 19.
- Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Tension device. 2,124,001; July 19.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Yarn feeding mechanism for knitting machines. 2,124,253; July 19.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Mechanism for and method of effecting changes in plating. 2,126,196; Aug. 9.
- Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Cam for knitting machines. 2,126,646; Aug. 9.
- Lawson, Robert H., and W. L. Smith, Jr., assignors to Hemphill Company, Central Falls, Pawtucket, R. I. Manual control for knitting machines. 2,127,179; Aug. 16.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Pattern mechanism for knitting. 2,135,185; Nov. 1.
- Lawson, Robert H., Pawtucket, and W. Jackson, assignors to Hemphill Company, Central Falls, R. I. Lapping machine. 2,135,186; Nov. 1.
- Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Needle bed for knitting machines. 2,135,187; Nov. 1.
- Lawson, Robert H., Pawtucket, H. C. Green, Central Falls, and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Yarn feeding means for knitting machines. 2,135,756; Nov. 8.
- Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitted fabric and making the same. 2,141,440; Dec. 27.
- Lawson, Walter E. (See Filbert, W. F., and Lawson.)
- Lawson, William C., Enterprise, Fla. Holder. 2,133,896; Oct. 18.
- Lawson, William L. (See Balsam, Maurice M., assignor.)
- Lawson, William L. (See Balsam, M. M., and Lawson.)
- Lawson, William L., Brooklyn, N. Y. Camera bellows. 2,108,717; Feb. 15.
- Lawton, Chester S., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Method of and apparatus for laying submarine cables. Re. 20,665; Mar. 1.
- Lawton, Chester S., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Releasing gear. 2,131,445; Sept. 27.
- Lax, William W., Loughborough, England. Display and delivery cabinet. 2,112,498; Mar. 29.
- Lay, Charles H., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,112,104; Mar. 22.
- Lay, Charles H., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,115,585; Apr. 26.
- Lay, Charles H., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,114,904; Apr. 19.
- Lay, Charles H., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 2,133,171; Oct. 11.
- Lay, Laurence C., Oil City, Pa. Viscometer. 2,131,379; Sept. 27.
- Layden, Leo J. (See Jean, Henry, assignor.)
- Layman, Ralph E., Howard Beach, N. Y. Change speed gearing. 2,138,065; Nov. 29.
- Laymon, Bert M., et al. (See Stout, John N., assignor.)
- Layne, Leslie A. (See Park, Tracy S., assignor.)
- Layne, Leslie A., Houston, Tex. Lead seal. 2,120,982; June 21.
- Layne, Leslie A., Houston, Tex. Strainer for wells. 2,120,983; June 21.
- Layne, Leslie A., Houston, Tex. Combination packer. 2,135,583; Nov. 8.
- Layne, Leslie A., A. L. Roco, and H. C. Block; said Roco and Block assignors to said Layne, Houston, Tex. Screw off packer. 2,120,981; June 21.
- Lazar, Arthur, Associated, Calif., assignor, by mesne assignments, to Tide Water Associated Oil Company. Preparation of substitute resin oils which are derived from the by-products of petroleum refining. 2,114,126; Apr. 12.
- Lazarus, Meyer, assignor to Coprox Inc., Brooklyn, N. Y. Contacting terminal structure for electrical devices. 2,129,947; Sept. 13.
- Lazarus, Peter L., St. Louis, Mo. Stretcher for footwear. 2,111,669; Mar. 22.
- Lazerson, Abraham, Chicago, Ill. Lighting fixture. 2,130,803; Sept. 20.
- Lazich, Branko. (See Mischelevich, B., and Lazich.)
- Lazich, Branko, Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,111,635; Mar. 22.
- Lazich, Branko, Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical connector. 2,122,819; July 5.
- Lazier, Wilbur A. (See Arnold, H. R., and Lazier.)
- Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation process for the production of aldehydes. 2,105,540; Jan. 18.
- Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of hydroaromatic carboxylic acids and their esters. 2,105,664; Jan. 18.
- Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of glycerides of aliphatic carboxylic acids. 2,109,844; Mar. 1.
- Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of cyclic ethers. 2,130,501; Sept. 20.
- Lazier, Wilbur A., New Castle County, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of naphthenic acid derivatives. 2,114,717; Apr. 19.
- Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation process. 2,137,407; Nov. 22.
- Lazier, Wilbur A., New Castle County, Del., and J. V. Vaughn, Lakewood, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chromium sulphomolybdate catalyst. 2,105,665; Jan. 18.
- Lazow, Morris, Brooklyn, N. Y. Apparel apparatus. 2,129,147; Sept. 6.
- Lea Fabrics, Inc. (See Smith, Paul S., assignor.)
- Lea, Harry K., assignor to Kenlea Manufacturing Corp., Johnstown, N. Y. Method and apparatus for producing elastic knitted fabric. 2,120,758; June 14.
- Lea, Harry K., assignor to Kenlea Manufacturing Corporation, Johnstown, N. Y. Elastic fabric. 2,135,901; Nov. 8.



- Lea, William G., Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Guiding long flexible bodies. 2,127,606; Aug. 23.
- Leab, Clarence. (See Rubel, B., and Leab.)
- Leach, Charles H., Roselle, N. J. Heat exchange apparatus. 2,122,256; June 28.
- Leach Company, et al. (See Leach, E. C., and Manthie, assignors.)
- Leach, Elbert C., and O. F. Manthie, assignors of one-half to Leach Company, Oshkosh, Wis., and one-half to The Elgin Corporation, Chicago, Ill. Self-loading vehicle. 2,124,624; July 26.
- Leach, Maude, Wilkes-Barre, Pa. Culinary device. 2,107,380; Feb. 8.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. Re. 20,638; Jan. 25.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloys. 2,138,637; Nov. 29.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloys. 2,138,638; Nov. 29.
- Leach, Robert W., assignor of one-half to Audley Engineering Company Limited, Newport, England. Valve for controlling fluids. 2,126,020; Aug. 9.
- Leach, Val A., Los Angeles, Calif. Flashing signal. 2,113,273; Apr. 5.
- Leach, Verlin M. (See Marchev, A., and Leach.)
- Leach, William J., Burlington, Wis. Centrifugal thrashing and separating device. 2,115,639; Apr. 26.
- Leach, William W., Warren, assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Method and machine for slitting metal. 2,109,921; Mar. 1.
- Leaderach, Charles, Peekskill, N. Y. Shirt finishing table. 2,130,282; Sept. 13.
- Leake, Richard C., assignor to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,113,847; Apr. 12.
- Leamon, William G., New York, N. Y., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Process of and apparatus for producing lower boiling products from mineral oils. 2,126,400; Aug. 9.
- Lear, Earl B., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rock drill with blowing device. 2,117,810; May 17.
- Lear, Earl B., and A. G. Slatcher, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Tool retainer. 2,120,283; June 14.
- Lear, Joseph D., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerant control device. 2,113,351; Apr. 5.
- Leary, James J., Philadelphia, Pa. Window including inwardly swinging sash. 2,121,805; June 28.
- Leary, James W. (See Gwinn, G. W., and Leary.)
- Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Cigarette tobacco feed. 2,109,200; Feb. 22.
- Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Paste-applying device for cigarette machines. 2,130,689; Sept. 20.
- Leash, Homer E., Portland, Oreg. Outside surfacing for wooden buildings. 2,115,270; Apr. 26.
- Leash, Homer E., Portland, Oreg. Chimney structure. 2,116,118; May 3.
- Leash, Nell A., Gathlamet, Wash. Garment hanger. 2,141,540; Dec. 27.
- Leason, James C. L., Gardenvale, assignor to H. V. McKay Massey Harris Proprietary Limited, Sunshine, Victoria, Australia. Flexible power transmission drive. 2,139,963; Dec. 13.
- Leatherdale, William T., Toronto, Ontario, Canada. School bag. 2,113,327; Apr. 5.
- Leather Designs Incorporated. (See Barrett, William H., assignor.)
- Leatherman, Martin, Hyattsville, Md., dedicated to the free use of the People of the United States of America. Paper propagating pot. 2,129,190; Sept. 6.
- Leatherman, Martin, Hyattsville, Md., dedicated to the free use of the Public in the territory of the United States of America. Manufacturing an elastic porous and compressible product. 2,140,265; Dec. 13.
- Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y. Agitator top for vacuum cleaner filters. 2,122,179; June 28.
- Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y. Shaker for vacuum cleaner filters. 2,122,799; July 5.
- Leauté, Pierre M. A., assignor to Société de Recherches & de Perfectionnements Industriels, Puteaux, France. Product for surfacing roads. 2,112,168; Mar. 22.
- Leauté, Pierre M. A., assignor to Société de Recherches et de Perfectionnements Industriels, Puteaux, France. Road surfacing product. 2,113,794; Apr. 12.
- Leavell, Charles H. (See Cresswell, J. A., and Leavell.)
- Leavelle, A. B. (See Stannard, Benjamin, assignor.)
- Leavengood, Clyde, Trustee. (See Howell, H. H., Rutledge, and Sanders, assignors.)
- Leavengood, Clyde, Trustee. (See Sanders, C. E., Cannon, and Howell, assignors.)
- Leavitt Machine Company, The. (See Albee, Hugh M., assignors.)
- Lebanon Paper Box Company. (See Buser, John A., assignor.)
- Le Baron, Charles O., Detroit, Mich. Kitchen utensil. 2,114,080; Apr. 12.
- Le Baron, Francis, Brockton, Mass. Fireplace damper. 2,130,851; Sept. 20.
- Lebby, States L., assignor to Corning Glass Works, Corning, N. Y. Signal. 2,118,709; May 24.
- Lebby, States L., assignor to Corning Glass Works, Corning, N. Y. Cover glass. 2,133,664; Oct. 18.
- Lebeau, Léon, Brussels, Belgium. Lock for house doors. 2,128,002; Aug. 25.
- Lebeckbo, Incorporated. (See Belmont, John, assignor.)
- Lebedeff, Yuril E. (See Betterton, J. O., and Lebedeff.)
- Lebedenko, Nikolaus. (See Stinnes, H. H., and Lebedenko.)
- Lebedenko, Nikolaus, M. Naphtali, N. Kroll, and H. Meyer, Berlin, Germany, assignors to Commercial Ingredients Corporation, New York, N. Y. Solutions of vulcanized rubber in organic solvents of fine colloidal up to molecular dispersion and making those solutions. 2,128,654; Aug. 30.
- Le Bel, Clarence J., New York, N. Y., assignor to Raytheon Manufacturing Company, Newton, Mass. Electric lamp. 2,118,452; May 24.
- Le Bel, Clarence J., Cambridge, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electric lamp. 2,126,787; Aug. 16.
- Le Blanc, Talbot H., Brooklyn, N. Y. Powder container. 2,113,659; Apr. 12.
- Le Blanc, Victor A., assignor of one-twentieth to W. H. Hartson, New Orleans, La. Ignition apparatus. 2,107,302; Feb. 8.
- Le Bleu, Charles, Los Angeles, Calif. Hydraulically controlled dirt moving machine. 2,109,392; Feb. 22.
- Le Bleu, Charles, Los Angeles, Calif. Trailbuilder, bulldozer, and the like. 2,109,393; Feb. 22.
- Le Bleu, Charles, Los Angeles, Calif. Earth working implement. 2,120,839; June 14.
- Le Bleu, Charles, Los Angeles, Calif. Earthworking implement. 2,124,466; July 19.
- Le Bleu, Charles, Los Angeles, Calif. Bulldozer and the like. 2,133,549; Oct. 18.
- Le Bleu, Charles, Los Angeles, Calif. Earthworking implement. 2,138,304; Nov. 29.
- Le Blond, R. K., Machine Tool Company. (See Groene, William F., assignor.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Bacon, assignors.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Meyer, assignors.)
- Le Blond, The R. K., Machine Tool Company. (See Groene, W. F., and Siekmann, assignors.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. L., and Shipley, assignors.)
- Lebo, Robert B. (See Rosen, R., Buc, and Lebo.)
- Le Boeuf, George H., Manitowoc, Wis. Automobile baggage carrier. 2,109,571; Mar. 1.
- Le Boeuf, George H., Manitowoc, Wis. Automobile baggage carrier. 2,119,051; May 31.
- Le Boeuf, George H., Green Bay, Wis. Automobile baggage carrier. 2,134,635; Oct. 25.
- Lebold, Samuel N., and H. K. Powell, assignors to Morris Paper Mills, Chicago, Ill. Set-up container. 2,141,717; Dec. 27.
- Le Bus, Frank L., Oklahoma City, Okla. Depth measuring device for oil well equipment. 2,139,899; Dec. 13.
- Lec Engineering Corporation. (See Hammond, Mark C., assignor.)
- Leclat, Gustave, Villefranche-sur-Saone, France. Safety device for railway vehicles and the like. 2,128,830; Aug. 30.
- Leclerc, François, Brussels, Belgium. Valve. 2,112,913; Apr. 5.
- Lecher, Hans Z. (See Munro, W. P., Northey, and Lecher.)
- Lecher, Hans Z., Plainfield, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Cyclic biguanyl sulphonic acids. 2,120,808; June 14.
- Lecher, Hans Z., Plainfield, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Diazobiguanides. 2,125,509; Aug. 2.
- Lecher, Hans Z., Plainfield, and M. Seclera, Somerville, assignors to The Calco Chemical Co., Inc., Bound Brook, N. J. Carboxylation of alkali metal salts of phenols. 2,132,356; Oct. 4.
- Lecher, Hans Z., Plainfield, and M. Seclera, Somerville, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Carboxylation of alkali metal salts of phenols. 2,132,357; Oct. 4.
- Lecher, Hans Z., Plainfield, and A. E. Pierce, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Preparation of guanylurea sulphonic acid. 2,139,634; Dec. 6.
- Lechler, Paul. (See Hutzenlaub, Eugen, assignor.)
- Leclercq, Robert, Lille, France. Spindle. 2,125,168; July 26.
- Le Compte, Frank H., assignor of one-half to O. A. Keach, Wichita, Kans. Gas burner. 2,125,678; Aug. 2.
- Le Coney, Joseph H., Bedford, assignor to Shepherd Worsted Mills, Newton, Mass. Combination garment. 2,106,102; Jan. 18.
- Le Coney, Joseph H., Bedford, assignor to Barnshaw Knitting Company, Newton, Mass. Drop seat garment. 2,106,553; Jan. 25.
- Le Coq, Martha W. (See Le Coq, William I. and M. W.)



- Le Coq, William I. and M. W., Philadelphia, Pa. Garment pattern. 2,106,895; Feb. 1.
- Lectrolite Corporation. (See Schlosser, Harold L., assignor.)
- Lederer, Anton, deceased, Vienna, Austria; C. Danzer and C. Randa, executors, assignors to E. A. Lederer, Glen Ridge, N. J. Electric discharge tube or lamp. 2,106,753; Feb. 1.
- Lederer, Anton, deceased, by K. Danzer and C. Randa, Vienna, Austria, executors, assignors to E. A. Lederer, Glen Ridge, N. J. Electric discharge device. 2,106,754; Feb. 1.
- Lederer, Anton, deceased, Vienna, Austria; C. Danzer and C. Randa, executors of said A. Lederer, assignors to E. A. Lederer, Glen Ridge, N. J. Direct electric current rare gas lamp. 2,108,537; Feb. 15.
- Lederer, Ernest A. (See Lederer, Anton, assignor.)
- Lederer, Ernest A., Glen Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America. Getter for vacuum tubes. 2,130,190; Sept. 13.
- Lederer, Karl M., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Resistance element. 2,120,335; June 14.
- Lederer, Maximilian, Split, Yugoslavia, assignor, by mesne assignments, of one-half to N. H. Moos, London, England, and one-half to Alexander Singer, Vienna, Austria. Composite building material. 2,124,921; July 26.
- Lederle, Ekbert, Ludwigshafen-on-the-Rhine, and R. Brill, Heidelberg, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Synthetic spinels. 2,122,180; June 28.
- Lederle, Ekbert, Ludwigshafen, M. Günther, Mannheim, and R. Brill, Heidelberg, Germany. White pigment. 2,139,686; Dec. 13.
- Lederle, Ekbert, Ludwigshafen, M. Günther, Mannheim, and R. Brill, Heidelberg, Germany. White pigment. 2,140,235; Dec. 13.
- Lederle, Ekbert, Ludwigshafen, M. Günther, Mannheim, and R. Brill, Heidelberg, Germany. Pigment. 2,140,236; Dec. 13.
- Lederle Laboratories, Inc. (See Parfentjev, Ivan A., assignor.)
- Ledger, Willard, and R. Borden, Spalding, assignors of one-third to Ole Harstad, Bark River, Mich. Fuel supply system for internal combustion engines. 2,139,371; Dec. 6.
- Ledig, Kurt K., assignor to American Platinum Works, Newark, N. J. Apparatus for feeding pen point tips. 2,111,400; Mar. 15.
- Ledinegg, Max, Mährisch-Ostrau, Czechoslovakia. High pressure steam generation. 2,124,254; July 19.
- Lednum, James M., assignor, by mesne assignments, to The Davidson Chemical Corporation, Baltimore, Md. Year-round air conditioning system. 2,136,513; Nov. 15.
- Ledrich, Robert W., Cuyahoga Falls, Ohio. Noncocking fishing spinner. 2,131,858; Oct. 4.
- Leduc, Henri A. (See Dufour, R. A., and Leduc.)
- Ledwinka, Hans, Koprivnice, Czechoslovakia. Motor vehicle chassis. 2,105,153; Jan. 11.
- Ledwinka, Hans, Morava, Czechoslovakia. Motor vehicle. 2,127,411; Aug. 16.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body construction. 2,106,677; Jan. 25.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Combined body and chassis underframe. 2,140,476; Dec. 13.
- Lee, Albert P., assignor to Colorgraph Corporation, Chicago, Ill. Stencil scope. 2,109,729; Mar. 1.
- Lee, Albert P., assignor to Colorgraph Corporation, Chicago, Ill. Duplicating machine. 2,125,167; July 26.
- Lee Angular Drill Corporation. (See Lee, Robert E., assignor.)
- Lee, Arthur, Kankakee, Ill. Grease gun filler. 2,116,029; May 3.
- Lee, Burgess A., assignor to W. R. Kenan, Jr., Lockport, N. Y. Bottle filling apparatus. 2,126,563; Aug. 9.
- Lee, Carl E., and H. J. Craig, Houston, Tex. Liner hanger. 2,111,793; Mar. 22.
- Lee, Charles A., Washington, D. C. Combined keg rack and table. 2,128,831; Aug. 30.
- Lee, Charles M., Falls City, Nebr. Air or watercraft propulsion. 2,106,928; Feb. 1.
- Lee, Clarence O., Port Sulphur, La., assignor, by mesne assignments, to Freeport Sulphur Company. Process and apparatus for mining sulphur. 2,137,619; Nov. 22.
- Lee, Clifton H. (See Nixon, J. D., and Lee.)
- Lee, Dwight B., Detroit, Mich. Vehicle ventilating window. 2,124,922; July 26.
- Lee, Edward F., Detroit, Mich. Double walled barrel. 2,116,795; May 10.
- Lee, Edwin A., assignor to Lee Paper Box Company, Philadelphia, Pa. Display box. 2,136,797; Nov. 15.
- Lee Engineering Research Corporation. (See Lee, Royal, assignor.)
- Lee, Frederick S. (See Roland, William E., assignor.)
- Lee, George A. (See Coleman, A. M., Bater, and Lee.)
- Lee, George F., assignor to Eastern Manufacturing Company, New York, N. Y. Mailing device. 2,138,250; Nov. 29.
- Lee, Gerhard M., Aurora, Ill. Match book case. 2,105,425; Jan. 11.
- Lee, Halfdan, executor. (See Lee, Leif.)
- Lee, Harry R., White Plains, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Rail joint and making the same. 2,120,428; June 14.
- Lee, Henry E. (See Klein, D. X., and Lee.)
- Lee, Henry R., South Milwaukee, and D. X. Klein, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of amino-anthraquinone sulphonic acids and new compounds obtainable thereby. 2,135,346; Nov. 1.
- Lee, Horace W., Chiswick, London, assignor to Kapella Limited, Leicester, England. Lens for photography and the like. 2,117,252; May 10.
- Lee, Horatio H., Double Bay, near Sydney, New South Wales, Australia. Drive transmission means for motor-road vehicles. 2,135,722; Nov. 8.
- Lee, Hubert J., San Jose, Calif. Freight car bulkhead. 2,127,978; Aug. 23.
- Lee, James E., and F. Barney, assignors to The Challenge Machinery Company, Grand Haven, Mich. Printing press inking mechanism. 2,119,747; June 7.
- Lee, James F., Palo Alto, Calif. Variable focus X-ray tube. 2,123,607; July 12.
- Lee, John, Zurich, Switzerland, assignor to E. R. Squibb & Sons, New York, N. Y. Indazolones. 2,104,348; Jan. 4.
- Lee, John J., Wilmington, Calif. Rotary vegetable cutter. 2,121,089; June 21.
- Lee, John W., Wilkes-Barre, Pa. Station indicator. 2,108,718; Feb. 15.
- Lee, John Wesley, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method and apparatus for vulcanizing rubber strips. 2,139,414; Dec. 6.
- Lee, Karrington M., Chicago, Ill. Cooky molding device. 2,106,009; Jan. 18.
- Lee, Leif, Youngstown, Ohio. Power transmission device. 2,115,958; May 3.
- Lee, Leif, deceased, Youngstown, Ohio; H. Lee, executor. Apparatus for feeding metal sheets. 2,137,453; Nov. 22.
- Lee, Marrion W. (See Kennedy, J. W., Ramsey, and Lee.)
- Lee and Morris, et al. (See Kennedy, J. W., Ramsey, and Lee, assignors.)
- Lee Paper Box Company. (See Lee, Edwin A., assignor.)
- Lee, Paul F. (See Small, L. F., Lee, and Jennings.)
- Lee, Reuben, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power supply circuits. 2,134,522; Oct. 25.
- Lee, Reuben, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Radio frequency wattmeter. 2,140,364; Dec. 13.
- Lee, Robert, Savannah, Ga. Safety attachment for automotive vehicles. 2,132,304; Oct. 4.
- Lee, Robert E., Coleman, assignor to Lee Angular Drill Corporation, Dallas, Tex. Well drilling mechanism. 2,118,650; May 24.
- Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,105,742; Jan. 13.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Piston, and piston and connecting rod assembly. 2,105,743; Jan. 18.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Differential mounting. 2,112,628; Mar. 29.
- Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Lamp. 2,114,350; Apr. 19.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Vehicle body mounting. 2,121,876; June 28.
- Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Automobile control mechanism. 2,129,851; Sept. 13.
- Lee, Royal, assignor to Lee Engineering Research Corporation, Milwaukee, Wis. Electrical regulator. 2,113,234; Apr. 5.
- Lee Rubber & Tire Corporation. (See Nellen, Arthur H., assignor.)
- Lee and Simmons, Incorporated. (See Macdonald, William S., assignor.)
- Lee, Sylvia S., et al. (See Kenney, Thomas, assignor.)
- Lee, Thomas P., Inglewood, Calif. Eyeshield and visor. 2,139,275; Dec. 6.
- Lee, William M., assignor to The Kelly-Koett Manufacturing Company, Inc., Covington, Ky. High frequency X-ray apparatus. 2,140,707; Dec. 20.
- Lee, Yuk-Wing. (See Wiener, N., and Lee.)
- Lee, Yuk-Wing, and N. Wiener, Peiping, China, assignors to American Telephone and Telegraph Company. Electrical network system. 2,128,257; Aug. 30.
- Leeberg, Edward, Roselle, N. J. Turf fork. 2,140,266; Dec. 13.
- Leece, Bennett M., Shaker Heights, assignor to The Leece-Neville Company, Cleveland, Ohio. Electric starter system. 2,114,055; Apr. 12.
- Leece, Bennett M., Shaker Heights, assignor to The Leece-Neville Company, Cleveland, Ohio. Regulating device. 2,135,977; Nov. 8.
- Leece-Neville Company, The. (See Leece, Bennett M., assignor.)
- Leech, Kenneth H. (See Kershaw, A. G., Simmons, and Leech.)
- Leech, William I. (See Choate, R. E., Rodler, and Leech.)
- Leedham, Leslie H., Leicester, England, assignor to Jacquard Knitting Machine Co., Inc., Union Hill, N. J. Pattern mechanism for knitting machines. 2,116,074; May 3.



- Leedham, Leslie H., and H. H. Holmes, assignors to Wildt and Company Limited, Leicester, England. Knitting machine comprising needle jacks. 2,113,053; Apr. 5.
- Leedham, Leslie H., and H. H. Holmes, assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 2,116,358; May 3.
- Leeds, Laurance M., Schenectady, N. Y., assignor to General Electric Company. Antenna system. 2,124,424; July 19.
- Leeds & Northrup Company. (See Behr, Leo, assignor.)
- Leeds & Northrup Company. (See Behr, L., Williams, and Adams, assignors.)
- Leeds & Northrup Company. (See Cooper, George A. S., assignor.)
- Leeds and Northrup Company. (See Dall, Horace E., assignor.)
- Leeds & Northrup Company. (See Doyle, E. D., and Perley, assignors.)
- Leeds & Northrup Company. (See Doyle, E. D., and Wilson, assignors.)
- Leeds & Northrup Company. (See Lane, Daniel J., assignor.)
- Leeds & Northrup Company. (See Perley, George A., assignor.)
- Leeds and Northrup Company. (See Ross, R. W., and Seberhagen, assignors.)
- Leeds and Northrup Company. (See Schofield, William R., Jr., assignor.)
- Leeds & Northrup Company. (See Stein, I. M., and Peters, assignors.)
- Leeds & Northrup Company. (See Williams, Albert J., Jr., assignor.)
- Leeds & Northrup Company. (See Williams, A. J., Jr., and Morehouse, assignors.)
- Leeds, Reginald E., Wembley, and B. P. Dudding, Oxhey, England, assignors to General Electric Company. Manufacture of electric incandescent lamps. 2,114,190; Apr. 12.
- Leeds, Winthrop M. (See Dickinson, R. C. and Leeds.)
- Leeds, Winthrop M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oil circuit breaker. 2,117,893; May 17.
- Leeds, Winthrop M., Wilkinsburg, Pa., and E. Ortensi, Bergamo, Italy, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,138,382; Nov. 29.
- Leef Bros., Inc. (See Leef, John H., assignor.)
- Leef, John H., assignor to Leef Bros., Inc., Minneapolis, Minn. Garment sleeve ironer. 2,128,003; Aug. 23.
- Leemans, Joseph P., assignor to Société Générale Métallurgique de Hoboken, Hoboken-Lez-Anvers, Belgium. Treatment of substances containing tantalum and/or niobium. 2,131,350; Sept. 27.
- Leemans, Joseph P., assignor to Société Générale Métallurgique de Hoboken, Hoboken, near Antwerp, Belgium. Treatment of substances containing tantalum and/or niobium. 2,140,800; Dec. 20.
- Leemans, Joseph P., assignor to Société Générale Métallurgique de Hoboken, Hoboken, near Antwerp, Belgium. Treatment of materials containing tantalum and/or niobium. 2,140,801; Dec. 20.
- Leenards, Antoine, Antwerp, Belgium, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Making spot caps. 2,129,330; Sept. 6.
- Leendertse, Jacob J. (See Waterman, H. I., Leendertse, and de Kok.)
- Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
- Lees, Kenneth F. (See Hobart, L. C., and Lees.)
- Leesman, Elmer J. (See Beyer, J. E., and Leesman.)
- Leeson, Bruce H., Tynemouth, and R. W. Wild, Low Fell, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric circuit breaker. 2,106,531; Jan. 25.
- Leete, Joseph F., et al. (See Dalton, Harold R., assignor.)
- Leeworthy, Walter R., Youngstown, Ohio. Scaffold bracket. 2,121,704; June 21.
- Le Febvre Corporation. (See Le Febvre, L. T., and Thayer, assignors.)
- Le Febvre, Leo T., and F. Thayer, assignors to Le Febvre Corporation, Cedar Rapids, Iowa. Tray with drop side rail. 2,128,882; Aug. 30.
- Lefebvre, Victor. (See Dunn, J. S., Himsforth, and Lefebvre.)
- Lefebvre, Victor. (See Tyce, G. C., and Lefebvre.)
- Lefebvre-Carnot, Pierre, Paris, and L. P. G. Vautier, St. Just des Marais, France, assignors to Société Française de la Viscose S. A. Making porous articles. 2,107,637; Feb. 8.
- Leferrier, Ferdinand, assignor to Société Minière et Métallurgique de Penarroya, Paris, France. Purifying impure lead. 2,110,445; Mar. 8.
- Leferrier, Ferdinand, assignor to Société Minière et Métallurgique de Penarroya, Paris, France. Purifying impure lead. 2,110,446; Mar. 8.
- Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Air gun. 2,132,473; Oct. 4.
- Le Fevre, Arden W., assignor to Stewart Warner Corporation, Chicago, Ill. Dial for indicating instruments. 2,108,342; Feb. 15.
- Le Fevre, Arden W., assignor to Stewart Warner Corporation, Chicago, Ill. Automobile heater. 2,133,403; Oct. 11.
- Le Fevre, Arden W., and T. Paul, assignors to Stewart Warner Corporation, Chicago, Ill. Magnetic speedometer. 2,114,191; Apr. 12.
- Lefevre, Emil B. G., Detroit, Mich. Gooseneck concealed hinge. 2,132,266; Oct. 4.
- Lefevre, Emil B. G., Detroit, Mich. Adjustable seat for vehicles. 2,134,135; Oct. 25.
- Le Fevre, Ralph A., Rochester, N. Y. Puttee. 2,130,804; Sept. 20.
- Le Fevre, Ralph A., Rochester, N. Y., assignor of one-fourth to P. E. Treat, one-fourth to M. Grassman, and one-fourth to C. D. Rouch. Puttee. 2,104,751; Jan. 11.
- Le Fevre, Walter I., Cleveland Heights, Ohio. Illusion producing device. 2,127,412; Aug. 16.
- Le Fevre, Walter J. (See Britton, E. C., and Le Fevre.)
- Le Fevre, Walter J., and J. W. Britton, assignors to The Dow Chemical Company, Midland, Mich. Cellulose ether recovery. 2,107,005; Feb. 1.
- Leff, Michael, Buffalo, assignor of one-half to L. C. Lake, Kenmore, N. Y. Airplane propeller. 2,128,780; Aug. 30.
- Lefell, James and Company, The. (See Biggs, George A., assignor.)
- Lefert, Herman, and E. E. Woldman, Cleveland, Ohio, assignors, by mesne assignments, to Alba Pharmaceutical Company, Inc., New York, N. Y. Pharmaceutical apparatus. 2,131,516; Sept. 27.
- Lefler, Marlin T. (See Adams, R., and Lefler.)
- Lefler, Ross L., McKeesport, Pa. Hot strip rolling. 2,108,379; Feb. 15.
- Lefler, William S., New York, N. Y. Self-affixing and self-tightening connection for rotating and rotated members. 2,119,334; May 31.
- Leffmann, Siegfried, London, England, assignor to Kops Brothers, Inc., New York, N. Y. Brassière. 2,108,669; Jan. 25.
- Lefell, Alfred E., San Francisco, Calif. Carcass carrier. 2,114,929; Apr. 19.
- Lefler Patent Company. (See Fisher, G., and Tandler, assignors.)
- Lefler Patent Company. (See Tandler, W. S., and Fisher, assignors.)
- Lefkowitz, Joseph, Brooklyn, N. Y. Iron support. 2,114,742; Apr. 19.
- Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Liquid filling machine. 2,109,489; Mar. 1.
- Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Liquid filling machine. 2,132,424; Oct. 11.
- Legat, Arthur W., et al. (See Davies, William J., assignor.)
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Making fastener units. 2,116,726; May 10.
- Le Gault, Elzeaz J., Haverhill, assignor to Bestco Shoe Machinery Inc., Ipswich, Mass. Sole roughing machine. 2,130,553; Sept. 20.
- Le Gault, Elzeaz J., Haverhill, assignor to Bestco Shoe Machinery, Inc., Ipswich, Mass. Sole press. 2,130,590; Sept. 20.
- Le Gault, Elzeaz J., Haverhill, assignor to Bestco Shoe Machinery, Inc., Ipswich, Mass. Shoe sole press. 2,136,700; Nov. 15.
- Légé, Edouard G. M. R., Paris, France. Continuous distillation furnace. 2,138,973; Dec. 6.
- Legendre, Ernest, Fitchburg, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Display card. 2,122,289; June 28.
- Legg, David A., Terre Haute, and N. R. Tarvin, Brazil, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Fermentation of beet molasses. 2,107,261; Feb. 1.
- Legg, David A., Terre Haute, and N. R. Tarvin, Brazil, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Beet molasses fermentation. 2,107,262; Feb. 1.
- Legg, David A., and H. R. Stiles, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Butyl alcohol fermentation process. 2,122,884; July 5.
- Legg, David A., and M. T. Walton, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Butyl alcohol fermentation. 2,132,358; Oct. 4.
- Legg, Oscar D., Athens, Ala. Wrench. 2,128,517; Aug. 30.
- Legg, William L. M., Brooklyn, N. Y. Bottle breaking device. 2,137,191; Nov. 15.
- Leggett, William, Sandusky, Mich. Bean and clay seed drier. 2,130,961; Sept. 20.
- Legler, Henry, Larchmont, assignor of fifty percent to H. P. Warwick, New Rochelle, N. Y. Strainer for spirituous liquor. 2,119,884; Jan. 1.
- Le Gloaghec, Victor C. F., Saint Marc, near Brest, France, and J. R. Heiter, New York, N. Y., assignors to Allen Corporation of America, Dover, Del. Treading seaweed. 2,128,551; Aug. 30.
- Le Grand, Joseph M., Chicago, Ill. Building structure. 2,110,270; May 3.
- Leggion, Charles W., Akron, Ohio, assignor to The R. F. Goodrich Company, New York, N. Y. Composite paving slab. 2,126,965; Aug. 16.
- Leggion, Charles W., Akron, Ohio, assignor to The R. F. Goodrich Company, New York, N. Y. Method and apparatus for coating strip material. 2,127,443; Aug. 16.



- Le Guillou, Yves C., New York, N. Y. Tennis game. 2,127,873; Aug. 23.
- Lehew, Robert H., Highland Park, Mich. Pan lifter. 2,127,038; Aug. 16.
- Lehman, Elwin D., Utica, N. Y. Diaphragm dialing apparatus. 2,113,892; Apr. 12.
- Lehman, John R., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Back gauge for paper cutters. 2,133,031; Oct. 11.
- Lehman, Louis H., Philadelphia, Pa. Latch. 2,110,336; Mar. 8.
- Lehman, Paul E., Dayton, Ohio. Grinding fixture. 2,141,187; Dec. 27.
- Lehman, Robert J., Duquesne, Pa. Flying shear. 2,123,570; July 12.
- Lehman, Roscoe E., assignor to The W. H. Reisner Manufacturing Company, Hagerstown, Md. Direct electric valve action. 2,140,802; Dec. 20.
- Lehman, Werner, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Slack take-up for thrust ropes of power shovels. 2,123,904; July 19.
- Lehmann, J. M., Company. (See Goll, Richard, assignor.)
- Lehmann, Karl A., Freudenstadt, and E. Breitling, Berlin-Tempelhof, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 2,108,896; Feb. 22.
- Lehmann, Rudolf, assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Noncaking smoked salt and making the same. 2,104,619; Jan. 4.
- Lehmann & Voss & Company. (See Behre, Johannes, assignor.)
- Lehmkuhl, Joakim, Oslo, Norway. Ventilator of the louver type. 2,138,180; Nov. 29.
- Lehn & Fink Products Corporation. (See Klarmann, Emil, assignor.)
- Lehnerr, June L., Eldorado, Kans., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical fuse. 2,134,523; Oct. 25.
- Lehon Company, The. (See Bollaert, Armand R., assignor.)
- Lehon Company, The. (See Graham, George H., assignor.)
- Lehon Company, The. (See Leonard, Arthur G., Jr., assignor.)
- Lehr, Clarence G., Baltimore, Md. Ameliorating alcoholic liquids adapted for human consumption. 2,118,049; May 24.
- Lehrfeld, Robert W., Brooklyn, assignor to Premier Metal Etching Co., Long Island City, N. Y. Handbag. 2,116,902; May 10.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna for an airplane with a metallic body. 2,129,852; Sept. 13.
- Leib, August, and W. Kühlewind, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder. 2,120,366; June 14.
- Leiber, Ferdinand, Berlin-Friedrichshagen, Germany, assignor to Naamlooze Vennootschap: Nederlandsch Laboratorium de Spaarnestad, Haarlem, Netherlands. Applying silver halide colloid layers without distortion on future printing forms. 2,120,441; June 14.
- Leiber, Ferdinand, Berlin-Friedrichshagen, Germany, assignor to Naamlooze Vennootschap: Nederlandsch Laboratorium de Spaarnestad, Haarlem, Netherlands. Development process and developer for producing hardened images upon exposed silver halide-colloid emulsions. 2,126,899; Aug. 16.
- Leibing Automotive Devices, Incorporated. (See Leibing, William E., assignor.)
- Leibing, William E., Sausalito, Calif. Method and apparatus for operating internal combustion engines. 2,114,655; Apr. 19.
- Leibing, William E., assignor to Leibing Automotive Devices, Incorporated, San Francisco, Calif. Method and apparatus for governing fluid flow. 2,107,990; Feb. 8.
- Leibing, William E., Sausalito, Calif., and W. B. Fageol, Kent, Ohio. Fuel control apparatus. 2,109,296; Feb. 22.
- Leibing, William E., assignor to Leibing Automotive Devices, Incorporated, Detroit, Mich. Carburetor. 2,134,667; Oct. 25.
- Leibing, William E., assignor to Leibing Automotive Devices, Incorporated, Detroit, Mich. Governor for internal combustion engines. 2,139,832; Dec. 13.
- Leibo, Victor, Ridgely Park, N. J. Self-locking coupling. 2,132,988; Oct. 11.
- Leicester, Fred D., St. Helens, England, assignor to Imperial Chemical Industries Limited. Manufacture of organic fluorine compounds. 2,110,369; Mar. 8.
- Leiding, Elmer A. (See Nelson, W. J., and Leiding.)
- Leifheit, Paul, Oswego, Ill., assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y. Ice warning device. 2,127,823; Aug. 23.
- Leigh, Arthur C., Chicago, Ill. Electric razor. 2,133,665; Oct. 18.
- Leigh Banana Case Company. (See Leigh, Carl G., assignor.)
- Leigh, Carl G., assignor to Leigh Banana Case Company, Chicago, Ill. Basket cover. 2,104,262; Jan. 4.
- Leigh, Nathan J., Great Neck, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Knock-down display device. 2,118,848; May 31.
- Leigh, Nathan J., Great Neck, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Basket-type floor merchandiser. 2,121,156; June 21.
- Leighton, John W., Port Huron, Mich. Wheel suspension for motor vehicles. 2,105,541; Jan. 18.
- Leighton, John W., Port Huron, Mich. Shock absorber bracket. 2,112,914; Apr. 5.
- Leighton, John W., Port Huron, Mich. Independent wheel suspension. 2,121,806; June 28.
- Leighton, John W., Port Huron, Mich. Independent wheel suspension. 2,121,807; June 28.
- Leighton, John W., Port Huron, Mich. Individual suspension. 2,122,476; July 5.
- Leighton, John W., Port Huron, Mich. Wheel arm joint. 2,123,086; July 5.
- Leighton, John W., Port Huron, Mich. Individual wheel suspension. 2,123,087; July 5.
- Leighton, John W., Port Huron, Mich. Wheel arm joint. 2,123,088; July 5.
- Leighton, John W., Port Huron, Mich. Adjustable connection for wheel suspension or the like. 2,123,089; July 5.
- Leighton, John W., Port Huron, Mich. Hydraulic brake cylinder and making same. 2,136,302; Nov. 8.
- Leighton, John W., Port Huron, Mich. Spring construction. 2,140,803; Dec. 20.
- Leighton, John W., Port Huron, Mich. Independent wheel suspension. 2,141,215; Dec. 27.
- Leighton, Lawrence C., Cristobal, Panama, Canal Zone. Multiple switch. 2,106,054; Jan. 18.
- Leighton Machine Company. (See Rice, John H., assignor.)
- Leighty, Elroy H., Seattle, Wash. Beater. 2,121,918; June 28.
- Leiman, Norman, et al. (See Kornsweet, Samuel A., assignor.)
- Leimbach, William J. (See Jacobs, Dennis E., assignor.)
- Leimbrock, Paul, Neukirchen in Erzgebirge, assignor to P. Schönfeld, Chemnitz, Germany. Production of top pieces from ribbed goods. 2,113,763; Apr. 12.
- Leines, Otto E., Moose Jaw, Saskatchewan, Canada. Trailer hitch. 2,121,705; June 21.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety pilot shut-off. 2,126,564; Aug. 9.
- Leinweber, William H., Chicago, Ill. Blower. 2,104,233; Jan. 4.
- Leipold, Albin, and A. Boehm, Rochester, N. Y. Electric head lamp. 2,117,967; May 17.
- Leipold, Hugo, assignor to Buffalo Fire Appliance Corporation, Buffalo, N. Y. Fire extinguisher. 2,132,035; Oct. 4.
- Leischner, Georg. (See Dällenbach, W., and Leischner.)
- Leiser, William J., assignor of one-half to H. G. Coutts, Chicago, Ill. Building block. 2,110,628; Mar. 8.
- Leishman, Le Roy J., Los Angeles, Calif. Turning rotatable objects to predetermined positions. Re. 20,827; Aug. 16.
- Leishman, Le Roy J., Los Angeles, Calif. Turning rotatable objects to predetermined positions. 2,108,538; Feb. 15.
- Leishman, Le Roy J., Los Angeles, Calif. Coloring light-formed images. 2,109,540; Mar. 1.
- Leishman, Le Roy J., Los Angeles, Calif. Semiautomatic means for positioning control shafts. 2,134,194; Oct. 25.
- Leister, Fayette, Detroit, Mich., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,135,902; Nov. 8.
- Leitch, George A., assignor to Charles H. Pugh Limited, Birmingham, England. Mowing machine. 2,106,641; Jan. 25.
- Leitch, John, assignor of one-half to A. Nelson, Detroit, Mich. Jack mounting arrangement. 2,112,169; Mar. 22.
- Leiter, Harry H. (See Longfellow, Earl E., assignor.)
- Leitner, Franz, Kapfenberg, Austria. Production of core-electrodes. 2,124,255; July 19.
- Leitner, Franz, Kapfenberg, Steiermark, Austria. Welding wire for carbon electrode arc welding. 2,140,237; Dec. 13.
- Leitner, Franz, Kapfenberg, Steiermark, Austria. Welding wire for electric arc welding. 2,140,238; Dec. 13.
- Leitner, Franz, Kapfenberg, Austria. Welding wire. 2,141,995; Dec. 27.
- Leitner, Franz, Kapfenberg, Austria. Wire for electric welding. 2,141,996; Dec. 27.
- Leitz, Ernst, G. m. b. H. (See Barnack, Oskar, assignor.)
- Leitz, Ernst, G. m. b. H. (See Becker, Helmut, assignor.)
- Leitz, Ernst, G. m. b. H. (See Berek, Max, assignor.)
- Leitz, Ernst, G. m. b. H. (See Heine, Hermann, assignor.)
- Leitz, Ernst, G. m. b. H. (See Leitz, Ludwig.)
- Leitz, Ernst, G. m. b. H. (See Leitz, L., Engelmann, and Schneider, assignors.)
- Leitz, Ernst, G. m. b. H. (See Leitz, L., and Luz, assignors.)
- Leitz, Ernst, G. m. b. H. (See Leitz, L., and Stein, assignors.)
- Leitz, Ernst, G. m. b. H. (See May, Erwin, assignor.)
- Leitz, Ernst, G. m. b. H. (See Mulch, Hans, assignor.)
- Leitz, Ernst, G. m. b. H. (See Riepert, Hermann, assignor.)
- Leitz, Ernst, G. m. b. H. (See Roesch, Siegfried, assignor.)



- Leitz, Ernst, G. m. b. H. (See Wurm, Wilhelm, assignor.)
- Leitz, Ludwig, assignor to E. Leitz, G. m. b. H., Wetzlar, Germany. Exposure meter. 2,112,701; Mar. 29.
- Leitz, Ludwig, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Exposure meter. 2,117,734; May 17.
- Leitz, Ludwig, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Combined range finder and view finder. 2,127,925; Aug. 23.
- Leitz, Ludwig, M. Engelmann, and H. Schneider, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Image erecting prism telescope for photographic purposes. 2,113,407; Apr. 5.
- Leitz, Ludwig, and W. Stein, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Camera shutter mechanism. 2,122,671; July 5.
- Leitz, Ludwig, and C. Luz, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Enlarging apparatus. 2,123,510; July 12.
- Le Jeune, Frank H., assignor, by mesne assignments, to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming a wheel. 2,107,950; Feb. 8.
- Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Method and machine for manufacturing undercut sand molds. 2,109,922; Mar. 1.
- Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Metalworking machine. 2,124,923; July 26.
- Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming brake drums. 2,131,186; Sept. 27.
- Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Manufacture of brake drums. 2,136,447; Nov. 15.
- Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Machine for manufacturing undercut sand molds. 2,138,701; Nov. 29.
- Le Jeune, Frank H., and J. E. Copeland, assignors to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming rims of nonsymmetrical cross-sectional contour. 2,139,833; Dec. 13.
- Leland Electric Company, The. (See Leland, George H., assignor.)
- Leland, George H., assignor to the Leland Electric Company, Dayton, Ohio. Device for controlling the axial thrust of a shaft. 2,113,451; Apr. 5.
- Leland, George H., assignor to The Leland Electric Company, Dayton, Ohio. Tool operating mechanism. 2,124,491; July 19.
- Leland, George H., assignor to The Leland Electric Company, Dayton, Ohio. Circuit controlling device. 2,136,698; Nov. 15.
- Leland, George H., assignor to The Leland Electric Company, Dayton, Ohio. Circuit controlling device. 2,136,699; Nov. 15.
- Leland, Ira S., Milwaukee, Wis. Mounting means for glass veneer. 2,104,085; Jan. 4.
- Leland, Ragnvald G., New York, N. Y. Hair waving apparatus. 2,134,485; Oct. 25.
- Leland, Ragnvald G., New York, N. Y. Hair waving apparatus. 2,134,486; Oct. 25.
- Leland, Wesley E., assignor to Western Casket Hardware Company, Elgin, Ill. Handle. 2,129,095; Sept. 6.
- Leman, Arthur L., Houston, Tex., assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Duplex pumping engine. 2,124,788; July 26.
- Le Maréchal, William H., and J. N. Aldington, Ashton-on-Ribble, assignors to Siemens Electric Lamps and Supplies Limited, London, England. Electric lamp. 2,112,993; Apr. 5.
- Lemieux, Albert, New York, N. Y. Work holder. 2,124,200; July 19.
- Lemieux, Frank J., Ramford, R. I. Printing type spacer or the like. 2,116,948; May 10.
- Lemley, John S. (See Hubbard, Houston E., assignor.)
- Lemme, Heinz. (See Pier, M., Hirschberger, and Lemme.)
- Lemmens, Hendricus J. (See Bol, C., and Lemmens.)
- Lemmers, Eugene, Cleveland, Ohio, assignor to General Electric Company. Electric discharge device. 2,121,638; June 21.
- Lemmers, Eugene, Cleveland, assignor to General Electric Company. Starting circuit for electric discharge devices. 2,123,056; July 5.
- Lemmers, Eugene, Cleveland, Ohio, assignor to General Electric Company. Enclosed electric arc lamp. 2,130,304; Sept. 13.
- Lemmers, Eugene, Cleveland, and H. M. Fernberger, Cleveland Heights, Ohio, assignors to General Electric Company. Electrode for electric discharge devices. 2,121,637; June 21.
- Lemming, John C. (See Davis, J. H., and Lemming.)
- Lemmon, Alexis W., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Self-aligning belt idler. 2,109,923; Mar. 1.
- Lemmon, Alexis W., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Trolley conveyor. 2,133,391; Oct. 18.
- Lemmon, Clair L., Mount Airy, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. System for measuring the characteristics of electrical apparatus. 2,116,606; May 10.
- Lemmon, Norman E., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Refining petroleum oils to produce white oils. 2,133,457; Oct. 18.
- Lemmon, Walter S., assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,104,543; Jan. 4.
- Lemmon, Walter S., assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,126,647; Aug. 9.
- Lemmon, Walter S., assignor to International Business Machines Corporation, New York, N. Y. Printing telegraph control mechanism. 2,129,948; Sept. 13.
- Lemmon, Walter S., New York, N. Y., and C. J. Fitch, Jersey City, N. J., assignors to International Business Machines Corporation, New York, N. Y. Image transmission system. 2,104,544; Jan. 4.
- Lemmon, Walter S., and A. C. Holt, assignors to International Business Machines Corporation, New York, N. Y. Coding and decoding machine. 2,116,683; May 10.
- Lemmon, Walter S., New York, C. R. Doty, Binghamton, R. F. Walz, Endicott, N. Y., and A. C. Holt, Princeton, N. J., assignors to International Business Machines Corporation, New York, N. Y. System of coding and decoding. 2,138,639; Nov. 29.
- Lemoine, Hyatt, Maywood, N. J. Wearing apparel. 2,130,690; Sept. 20.
- Le Moine, Wells F. (See Grant, G. A., and Le Moine.)
- Lemonier, Camille R. (See Trimbach, C. G., and Lemonier.)
- Lemons, Claude, et al. (See Holland, Hal B., assignor.)
- Lemons, Stanley, et al. (See Holland, Hal B., assignor.)
- Lemont, Clarence J., assignor to Line Material Company, South Milwaukee, Wis. Connector. 2,112,500; Mar. 29.
- Lemos, Joe, Salinas, Calif. Repairing cracks in castings. 2,122,842; July 5.
- Lempco Products, Inc. (See Blazek, J. Y., and Anderson, assignors.)
- Lempereur, Maurice, Brussels, assignor to Servo-Frein Dewandre Société Anonyme, Liege, Belgium. Device for operating the trigger and the locking mechanism of a gun. 2,110,089; Mar. 1.
- Lempereur, Maurice, and C. Vincent, Brussels, Belgium, assignors to Bendix Aviation Corporation, South Bend, Ind. Preselector device for controlling sliding pinion gear boxes. 2,121,157; June 21.
- Lempke, Fred E. (See Haney, M., and Lempke.)
- Lems, Hendrik. (See Penning, F. M., Teves, and Lems.)
- Lems, Hendrik, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Oxide cathode more particularly for a gas-filled discharge tube. 2,108,589; Feb. 15.
- Lenane, Hugh. (See Avery, L. T., and Lenane.)
- Lenfle, Carl R., Youngstown, Ohio. Garment steaming device. 2,140,961; Dec. 20.
- Lenahan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Remote metering system. 2,117,894; May 17.
- Lenahan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Telemetering apparatus. 2,137,090; Nov. 15.
- Lenahan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Small synchronous motor. 2,140,365; Dec. 13.
- Lenfant, Jacques. (See Fouques, R., and Lenfant.)
- Leng, Leopold, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Control arrangement for energy leads. 2,111,595; Mar. 27.
- Leng, Leopold, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Change-over or switch device for radio frequency feed leads. 2,127,336; Aug. 16.
- Lenge, Rocco S., et al. (See Pool, Austin R., assignor.)
- Lenhart, Arthur W., Tulsa, Okla. Pipe plugging device. 2,141,274; Dec. 27.
- Lenhart, Harold C., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,104,659; Jan. 4.
- Lenhart, Herbert S. (See Redfield, S. R., and Lenhart.)
- Lenhart, Herbert S., assignor to Fuller Company, Allentown, Pa. Indicator. 2,116,075; May 3.
- Lenhart, Herbert S., Allentown, Pa., assignor to Fuller Company. Conveying apparatus. 2,141,920; Dec. 27.
- Leucher, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation process. 2,132,902; Oct. 11.
- Leucher, Samuel, and J. L. Gilson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation process. 2,116,727; May 10.
- Leucher, Samuel, and L. B. Arnold, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Emulsifying and treating agents. 2,139,276; Dec. 6.
- Leucher, Samuel, and L. B. Arnold, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dialkyl cyclohexylamine salts of higher alkyl sulphates. 2,139,277; Dec. 6.
- Lenke, George H., Elmhurst, assignor of one-half to J. J. Ohlbe, Oak Park, Ill. Double glazed skylight. 2,116,838; May 10.
- Lenke, Mark A. (See Rosenfeld, S., and Lenke, assignors.)
- Lenke, Sidney E. (See Rosenfeld, S., and Lenke.)



- Lennard, McLennan, Regent's Park, London, England. Projection screen. 2,107,038; Feb. 1.
- Lenning, Alvar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,141,609; Dec. 27.
- Lennings, Wilhelm, Oberhausen, and E. Karwat, Grosshesselohe, near Munich, Germany, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Simultaneous production of iron and Portland cement in a blast furnace. 2,104,564; Jan. 4.
- Lennon, Robert J. (See Green, S. G., and Lennon.)
- Lennon, Robert J., East Moline, Ill. Telescopic sight mounting. 2,125,932; Aug. 9.
- Lennox, Florence L., Ann Arbor, Mich. Curtain holder. 2,107,421; Feb. 8.
- Lensky, George A. (See Streckfuss, E. G., and Lensky.)
- Lent, Constantine P., New York, N. Y. Folding electric stove. 2,105,814; Jan. 18.
- Lent, Constantine P., New York, N. Y. Electric toaster. 2,133,392; Oct. 18.
- Lentine, Anthony J., New York, N. Y. Closure. 2,128,752; Aug. 30.
- Lentschewsky, Boris, Berlin, Germany. Peripheral sealing means for tanks. 2,108,380; Feb. 15.
- Lentz, Hugo J. (See Lentz, Hugo and H. J.)
- Lentz, Hugo J., Vienna, Austria. Insert for converting piston-valve engines into poppet-valve engines. 2,136,013; Nov. 8.
- Lentz, Hugo, Berlin, Germany, and H. J. Lentz, Vienna, Austria. Compound steam engine. 2,134,466; Oct. 25.
- Lentz, William L., Tuckahoe, N. Y., and C. F. Kantola, Ashtabula, Ohio, assignors to The New York Central Railroad Company. Streamlined locomotive and tender and vestibule curtain structure therefor. 2,108,203; Feb. 15.
- Lentz, William L., Tuckahoe, N. Y., and C. F. Kantola, Ashtabula, Ohio, assignors to The New York Central Railroad Company. Locomotive tender. 2,108,204; Feb. 15.
- Lentz, William L., Tuckahoe, N. Y., and C. F. Kantola, Ashtabula, Ohio, assignors to The New York Central Railroad Company. Locomotive structure. 2,119,082; May 31.
- Lenz, Charles C., Great Kills, Staten Island, N. Y. Life saving net. 2,112,915; Apr. 5.
- Lenz Electric Manufacturing Co. (See Zender, Raymond G., assignor.)
- Lenz, George A., Fort Sill, Okla. Folding table. 2,115,727; May 3.
- Leo, Albert, deceased, by M. B. Leo, administratrix, Ontario, Calif. Method and apparatus for molding jelly products. 2,122,982; July 5.
- Leo, Mary B., administratrix. (See Leo, Albert.)
- Leominster, Mass. Ophthalmic mounting. 2,132,106; Oct. 4.
- Leonard, Albert J., La Canada, Calif. Automobile door lock. 2,104,838; Jan. 11.
- Leonard, Arthur G., Jr., Wilmington, assignor, by mesne assignments, to The Lehon Company, Chicago, Ill. Machine for making tapered cement asbestos shingles. 2,118,762; May 24.
- Leonard, Carl H., Wakefield, Nebr. Oil can. 2,127,874; Aug. 23.
- Leonard, David C. E. (See Mims, D. K., Leonard, and Jamison.)
- Leonard Electric Manufacturing Company, The. (See Faile, Fred G., assignor.)
- Leonard, Frederick C., Cranston, R. I. Warning signal for hydrotherapeutic systems. 2,115,027; Apr. 26.
- Leonard, Frederick C., Cranston, and G. Ross, Providence, R. I. Thermostatic device. 2,110,884; Mar. 15.
- Leonard, Jesse D., and E. S. Shreve, Big Spring, Tex. Rod line coupling. 2,115,638; Apr. 26.
- Leonard, Jesse W., W. R. Butterworth, Jr., and W. L. Wellford, Jr., Memphis, Tenn. Barrel drier. 2,140,841; Dec. 20.
- Leonard, John H., trustee. (See House, John Q., assignor.)
- Leonard, John T., East Cleveland, Ohio. Fluid distributing device. 2,115,637; Apr. 26.
- Leonard, Joseph, Allentown, Pa., assignor to Charis Corporation, New York, N. Y. Foundation garment for women. 2,131,707; Sept. 27.
- Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Oakland, Calif. Combination range. Re. 20,875; Oct. 4.
- Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Ltd., Oakland, Calif. Adjustable boiler grid. 2,135,309; Nov. 1.
- Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Ltd., Oakland, Calif. Combination heating and cooking range. 2,140,110; Dec. 13.
- Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,134,565; Oct. 25.
- Leonard, Merton S. (See Bartlett, A. C., and Leonard.)
- Leonard, Roy E., Alhambra, Calif. Fluid operated pump. 2,113,213; Apr. 5.
- Leonard, Simpson C., Jr., Detroit, Mich. Making an oil seal. 2,122,477; July 5.
- Leone, Domenic, Baltimore, Md. Hand shield for welding apparatus. 2,132,570; Oct. 11.
- Leonhart, William F., St. Louis, Mo., assignor to Owens-Illinois Can Company. Container. 2,120,592; June 14.
- Leopold, George O. (See Fegley, T. J., and Leopold.)
- Le Page, Joseph A., assignor to Straits Manufacturing Company, Detroit, Mich. Hand loom. 2,136,552; Nov. 15.
- Lepetit, Albert, Montrouge, France. Optical device for measuring angles, such as sextants. 2,106,460; Jan. 25.
- Lepick, Joe A., Everest, Kans. Walking toy. 2,112,780; Mar. 29.
- Leppke, Louis A., Omaha, Nebr. Serving device. 2,107,381; Feb. 8.
- Leppke, Louis A., Omaha, Nebr. Serving device. 2,113,920; Apr. 12.
- Leppke, Louis A., Omaha, Nebr. Serving device. 2,115,862; May 3.
- Leppla, Albert F., Rock Island, Ill., and E. G. Mangels, Davenport, Iowa. Lubricating system. 2,112,032; Mar. 22.
- Leray, Gustave, Paris, France, assignor, by mesne assignments, to O. R. Barnett, Chicago, Ill. High intensity reflector. 2,121,566; June 21.
- Lerch, Anthony, Jr., Chicago, Ill., assignor to Caldwell-Westinghouse Company. Bolster spring unit. 2,123,702; July 12.
- Lerch, William B., and T. M. White, assignors to Phillips Petroleum Company, Bartlesville, Okla. Dissolving paraffin and wax. 2,139,595; Dec. 6.
- Leroy, Everett R. (See Hicks, R. M., and Leroy.)
- Lesage, Alfred, Schweinfurt, Germany. Cooling system for sideboard motors. 2,133,458; Oct. 18.
- Lescalleet, John F., Lancaster, Ohio. Automobile seat holder. 2,132,305; Oct. 4.
- Lesfakis, George. (See Estrates, E. D., Psihas, and Lesfakis.)
- Leshner, John B., Chambersburg, Pa. Fowl holder. 2,107,484; Feb. 8.
- Leslie, Frank R., St. Paul, Minn. Insulating material. 2,108,682; Feb. 15.
- Leslie, George F., assignor to Superior Manufacturing Company, Fitchburg, Mass. Sectional jacket and section-connecting staple. 2,110,734; Mar. 8.
- Leslie, George F., assignor to Superior Manufacturing Company, Fitchburg, Mass. Saddle staple strip and using it. 2,127,665; Aug. 23.
- Leslie, Ivan A., assignor to Rolls Royce Limited, Derby, England. Hydraulic shock damper. 2,106,461; Jan. 25.
- Leslie, William H., Toronto, Ontario, Canada. Motor control system. 2,111,269; Mar. 15.
- Lesperance, Delore J., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Illuminated board for draftsmen or the like. 2,131,708; Sept. 27.
- Less, Joseph W., Clinton, Iowa. Display device. 2,131,960; Oct. 4.
- Lessel, Wolfgang, Berlin-Charlottenburg, Germany. Electric welding. 2,123,571; July 12.
- Lesser, James R. (See Van der Essen, L. P., and Lesser.)
- Lester Engineering Company. (See Lester, Nathan and W. M., assignors.)
- Lester Engineering Company, et al. (See Lester, N., and Weiss, assignors.)
- Lester Engineering Company. (See Lester, William M., assignor.)
- Lester, Llewellyn R. (See Whitby, E., Pedler, Selston, Newman, and Lester.)
- Lester, Nathan, Cleveland Heights, Ohio, and W. M. Lester, Leominster, Mass., assignors to Lester Engineering Company, Cleveland, Ohio. Pressure casting machine. 2,112,343; Mar. 29.
- Lester, Nathan, Cleveland Heights, and A. E. Weiss, University City, assignors, by mesne assignments, of one-half to Lester Engineering Company, and one-half to The Superior Die Casting Company, Cleveland, Ohio. Pressure casting die. 2,124,529; July 26.
- Lester, Nathan, Shaker Heights, and L. A. Becker, Lakewood, assignors to T. F. Dolan, Shaker Heights, Ohio. Cellophane dispensing machine. 2,137,724; Nov. 22.
- Lester, Paul S., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Getter. 2,117,735; May 17.
- Lester, William M. (See Lester, Nathan and W. M.)
- Lester, William M., Shaker Heights, assignor to Lester Engineering Company, Cleveland, Ohio. Pressure casting machine. 2,112,342; Mar. 29.
- Lestli, Geno, Cleveland, Ohio. Closure. 2,115,424; Apr. 26.
- Les Veaux, John F. (See Mewborne, R. G., and Les Veaux.)
- Les Veaux, John F., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Insecticide and making same. 2,123,190; July 12.
- Les Veaux, John F., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Insecticide and making same. 2,123,191; July 12.
- Les Veaux, John F., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Making insecticide. 2,123,192; July 12.
- Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)
- Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Tool slide. 2,105,744; Jan. 18.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Dredger. 2,109,730; Mar. 1.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Telescoping scraper. 2,112,105; Mar. 22.



- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Drag scraper. 2,113,660; Apr. 12.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Pull-back spring for scraper tail gates. 2,119,335; May 31.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Sheave-block mounting. 2,127,084; Aug. 16.
- Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Carrying scraper. 2,127,223; Aug. 16.
- Lett, Frederic T., Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Wireless and like receiver. 2,120,984; June 21.
- Letz Manufacturing Company, The. (See Holland-Letz, John, assignor.)
- Letzerich, Harry O., Philadelphia, Pa. Auxiliary spring and transverse equalizing beam arrangement for trucks. 2,112,851; Apr. 5.
- Leuch, Werner P., Denmark Hill, London, England, assignor to Eugene Dietzgen Company, New York, N. Y. Production of photographic diazotype prints. 2,113,944; Apr. 12.
- Leuchs, Friedrich. (See Taub, L., and Leuchs.)
- Leuchter, August A., Augusta, Maine. Printing member for intaglio or rotary photogravure printing. 2,127,824; Aug. 23.
- Leuchter, Nicolas, assignor of one-third to R. Lallemand and one-third to P. Z. Rheame, Montreal, Quebec, Canada. Universal Mechano-Surgical apparatus. 2,139,166; Dec. 6.
- Leuck, Gerald J., Evanston, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Making corn gluten plastic. 2,134,764; Nov. 1.
- Leukert, Wilhelm, assignor to Siemens-Schuckert-werke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Rectifier. 2,141,921; Dec. 27.
- Leupold, Marcus, Portland, Oreg. Hand level. 2,137,776; Nov. 22.
- Leuschner, Richard D. (See Beckwith, L. C., Leuschner, and Fordham.)
- Leutwiler, Richard W., Chicago, and W. Eichholz, Cicero, assignors to Illinois Engineering Company, Chicago, Ill. Steam heating. 2,108,601; Feb. 15.
- Leutwiler, Richard W., Chicago, and W. Eichholz, Cicero, assignors to The Illinois Engineering Company, Chicago, Ill. Pressure regulator. 2,134,257; Oct. 25.
- Le Valley, John, Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor. 2,109,541; Mar. 1.
- Le Vally, J. R., et al. (See Cornell, Mead, assignor.)
- Levan, John F. (See Holt, T. W., and Levan.)
- Leven, Andrew B., Brisbane, Australia. Regulator. 2,135,010; Nov. 1.
- Levene, Hyman H. L. (See Pyman, F. L., and Levene.)
- Levene, Louis L., Merrick, N. Y. Partition. 2,107,334; Feb. 8.
- Levenstein, Irving I., Brooklyn, N. Y. Fish race apparatus. 2,117,616; May 17.
- Leventhal, Jacob F. (See Spence, J. L., Jr., and Leventhal.)
- Leventhal, Jacob F., and S. Bagno, assignors to Leventhal Patents, Inc., New York, N. Y. Ribbon feeding mechanism. 2,107,039; Feb. 1.
- Leventhal Patents, Inc. (See Leventhal, J. F., and Bagno, assignors.)
- Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,136,590; Nov. 15.
- Lever Bias Machine Corporation. (See Gardner, P., and Frank and H. Gerstein, assignors.)
- Lever Bias Machine Corporation, The. (See Gerstein, Frank and H., assignors.)
- Lever Brothers Company. (See Andersen, Carl N., assignor.)
- Lever Brothers Company. (See Chatfield, George I., assignor.)
- Lever Brothers Company. (See Godfrey, Truman M., assignor.)
- Lever Brothers Company. (See Godfrey, T. M., and Paterson, assignors.)
- Lever Brothers Company. (See Hurst, Samuel A., assignor.)
- Lever Brothers Company. (See Keck, H. A., and Hurst, assignors.)
- Lever Brothers Company. (See Paterson, William J., assignor.)
- Lever Brothers Company. (See Roge, Edward, assignor.)
- Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Making fluorescent screens. 2,108,683; Feb. 15.
- Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Luminescent material. 2,110,161; Mar. 8.
- Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Luminescent material. 2,110,162; Mar. 8.
- Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Luminescent material. 2,118,091; May 24.
- Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Luminescent material and preparing same. 2,129,096; Sept. 6.
- Leverett, Warren H., Bartlesville, Okla., assignor to National Zinc Company, Inc., New York, N. Y. Treating cadmium bearing materials. 2,138,281; Nov. 29.
- Leverick, Frank, Blaby, near Leicester, assignor to Follisain Syndicate Limited, London, England. Impregnating a metallic mass or metal article with other metal. 2,116,271; May 3.
- Levering, Albert J., Haddon Heights, N. J. Tape punching device. 2,110,447; Mar. 8.
- Le Vesconte, Harold J. (See Christensen, N. V., Rubel, Smith, and Le Vesconte.)
- Le Vesconte, Harold J. (See Rubel, C. F., and Le Vesconte.)
- Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Power transmitter. 2,133,228; Oct. 11.
- Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine work trimmer. 2,138,765; Nov. 29.
- Le Vesconte, Harold J., Western Springs, and C. C. Smith, assignors to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines. 2,131,011; Sept. 20.
- Levey, Harold A., New Orleans, La. Production of self-sustaining transparent films. 2,137,168; Nov. 15.
- Levey, Harold A., New Orleans, La. Medicinal dressing material. 2,137,169; Nov. 15.
- Levey, Harold A., New Orleans, La. Decorative spangle. 2,137,170; Nov. 15.
- Levey, Harold A., New Orleans, La. Composite carbohydrate films. 2,137,171; Nov. 15.
- Levi, Edythe B. (See Selph, Arlington, assignor.)
- Levi, Mario G., A. Mariotti, and I. Ciarrocchi, Milan, Italy. Purification and regeneration of used lubricating oils. 2,106,010; Jan. 18.
- Levi, Ormonde S. (See Calkins, L. E., and Levi.)
- Levien, Alvin I., South Orange, N. J., assignor to K. Kaufmann & Co., Inc. Hand luggage case. 2,136,553; Nov. 15.
- Levin, David, New York, N. Y. Shoe. 2,119,392; May 31.
- Levin, Harry H., New York, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic structure. 2,141,396; Dec. 27.
- Levin, Joseph, Lancaster, Pa., assignor to Umbrella Machinery Corp., Inc., New York, N. Y. Grommet securing mechanism. 2,114,985; Apr. 19.
- Levin, Nathan, Trenton, N. J. Knitting machine and operating same. 2,141,042; Dec. 20.
- Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Method of and apparatus for cleaning coal. 2,108,495; Feb. 15.
- Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,115,640; Apr. 26.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Portable loading machine. 2,139,834; Dec. 13.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Portable loading machine. 2,140,636; Dec. 20.
- Levin, Nils D., and S. H. Yost, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Cleaning coal and fluid separating medium therefor. 2,108,290; Feb. 15.
- Levin, Nils D., and E. G. Lewis, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Material handling mechanism. 2,115,641; Apr. 26.
- Levin, Salomon, Lille, France. Machine for cutting, embossing, and printing sheets of paper and cardboard. 2,109,088; Feb. 22.
- Levine, Abraham, Elizabeth, N. J., assignor to Presto Lock Corporation. Traveling bag. 2,125,054; July 26.
- Levine, Arthur A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dry cleaning process. 2,116,437; May 3.
- Levine, Arthur A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Degreasing solvent. 2,116,438; May 3.
- Levine, Arthur A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sterilizing agent. 2,130,805; Sept. 20.
- Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cycle oxides and their preparation. 2,116,439; May 3.
- Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of propylene dichloride. 2,119,484; May 31.
- Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclohexene chlorohydrate. 2,119,485; May 31.
- Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of chlorinated compounds. 2,125,384; Aug. 2.
- Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dielectric liquids. 2,139,964; Dec. 13.
- Levine, David I., assignor to Lissou & Melan Company, Lynn, Mass. Spring assembly. 2,116,796; May 10.



- Levine, Gabriel, West Hartford, Conn. Fuel reservoir. 2,140,018; Dec. 13.
- Levine, Jesse, New York, N. Y. Tag. 2,129,500; Sept. 6.
- Levine, Max M. (See Jenkins, R. L., and Levine.)
- Levine, Max M., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. Secondary amines. 2,111,863; Mar. 22.
- Levine, Meyer. (See Rubenstein, S., and Amazon, assignors.)
- Levings, Sherburne D., Winnetka, assignor to The Bastian-Blessing Company, Chicago, Ill. Beverage dispensing bar. 2,135,821; Nov. 8.
- Levinson, David, assignor to Standard Sports Mfg. Co., Chicago, Ill. Inflatable ball. 2,113,467; Apr. 5.
- Levinson, David, assignor to Standard Sports Mfg., Co., Chicago, Ill. Inflatable ball. 2,118,315; May 24.
- Levinson, David, Brooklyn, N. Y. Expandable door for automobiles. 2,134,487; Oct. 25.
- Levinson, Mollie S., Chicago, Ill. Garment. 2,135,139; Nov. 1.
- Levison, Samuel, Evanston, assignor to Orchard Products Company, Chicago, Ill. Making food products. 2,132,485; Oct. 11.
- Leviton, Abraham, Washington, D. C., assignor to Secretary of Agriculture of the United States of America. Recovery of lactose from whey. 2,116,931; May 10.
- Leviton, Abraham, Washington, D. C., assignor to Secretary of Agriculture of the United States of America and his successors in office. Recovery of a soluble protein powder from whey. 2,129,222; Sept. 6.
- Leykoff, David, New York, N. Y. Folding egg carton. 2,106,613; Jan. 25.
- Leykoff, David, Brooklyn, N. Y. Collapsible egg carton. 2,125,730; Aug. 2.
- Leyov, David, New York, N. Y. Hoisting frame. 2,127,607; Aug. 23.
- Leyov, Joseph, Berkeley, Calif. Buffing wheel. 2,136,747; Nov. 15.
- Leyv, A. Hoyt, Brooklyn, N. Y. Decorative button. 2,128,095; Aug. 23.
- Leyv, Arnold, Petersfield, assignor to Premo Rubber Company Limited, Petersfield, Hampshire, England. Toy building blocks, tiles, bricks, and the like. 2,119,921; June 7.
- Leyv, Austin T. (See Estes, Joseph C., assignor.)
- Leyv, Austin T. (See Magnuson, John H., assignor.)
- Leyv, Austin T. (See Wetherbee, John A., assignor.)
- Leyv, Austin T., Harrisville, R. I. Prefabricated building. 2,104,869; Jan. 11.
- Leyv, Austin T., Harrisville, R. I. Building. 2,104,870; Jan. 11.
- Leyv, Austin T., Harrisville, R. I. Building. 2,104,871; Jan. 11.
- Leyv, Austin T., Harrisville, R. I. Building. 2,104,872; Jan. 11.
- Leyv, Austin T., Harrisville, R. I. Building. 2,104,873; Jan. 11.
- Leyv, Austin T., Harrisville, R. I. Building. 2,104,874; Jan. 11.
- Leyv, Austin T., Harrisville, R. I. Prefabricated building. 2,104,875; Jan. 11.
- Leyv, Austin T., Harrisville, R. I. Prefabricated building. 2,104,877; Jan. 11.
- Leyv, Austin T., Harrisville, R. I. Building. 2,131,461; Sept. 27.
- Leyv, Austin T., Harrisville, R. I. Prefabricated building. 2,131,465; Sept. 27.
- Leyv, Austin T., Harrisville, R. I. Prefabricated building. 2,131,466; Sept. 27.
- Leyv, Austin T., Harrisville, R. I. Prefabricated building. 2,131,467; Sept. 27.
- Leyv, Isaac C., Jackson, Mich. Neckwear construction. 2,119,748; June 7.
- Leyv, Joseph, assignor to Century Lighting Equipment, Inc., New York, N. Y. Light projector or similar article. 2,114,963; Apr. 19.
- Leyv, Marcel A. E., and W. A. Loth, assignors to Société Anonyme: Société Française de Métrographie, Paris, France. Weighing apparatus. 2,127,063; Aug. 16.
- Leyv, Marion L., Cleveland, and A. Bennekamper, Parma, assignors to Viking Air Conditioning Corporation, Cleveland, Ohio. Blower wheel and impeller. 2,115,367; Apr. 26.
- Leyv, Maurice L., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Wave signaling system. 2,122,653; July 5.
- Leyv, Michael, Brooklyn, N. Y. Attaching together parts of toys and the like. 2,135,289; Nov. 1.
- Leyv, Nat., New York, N. Y. Finger ring. 2,138,640; Nov. 29.
- Leyv, Oscar C., Baltimore, Md., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telegraph switching system. 2,129,741; Sept. 13.
- Lévy, René L., Montrouge, France, assignor to Société d'Inventions Aéronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland. Retractable landing gear. 2,109,427; Feb. 22.
- Lévy, René L., Montrouge, France, assignor to Société d'Inventions Aéronautiques et Mécaniques, S. I. A. M., Fribourg, Switzerland. Retractable landing gear for aeroplanes. 2,123,113; July 5.
- Lévy, René L., Montrouge, France, assignor to Société d'Inventions Aéronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland. Brake valve. 2,127,064; Aug. 16.
- Levy, René L., Montrouge, France, assignor to Société d'Inventions Aéronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland. Hydraulic damping device. 2,141,541; Dec. 27.
- Lévy, Robert J. (See Mauguy, V. A., and Lévy, assignors.)
- Lévy, Samuel S., Passaic, N. J. Beach shelter. 2,134,879; Nov. 1.
- Levy, Sid, assignor to J. Hoffman, San Francisco, Calif. Girdle. 2,104,203; Jan. 4.
- Levy, Sidney H., Baltimore, Md. Tip for cigarettes. 2,104,329; Jan. 4.
- Levy, Sol J., New York, N. Y., assignor to International Carrier-Call and Television Corporation. Two-way intercommunicating loudspeaker system for power circuits. 2,114,718; Apr. 19.
- Levy, Sol J., New York, N. Y., assignor, by mesne assignments, to Federal Telegraph Company, Newark, N. J. Automatic remote control radio receiving set. 2,122,912; July 5.
- Lewando, Felix J., South Boston, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,129,064; Sept. 6.
- Lewellen, Darcy E., and E. F. Lewellen, Columbus, Ind. Variable speed device. 2,117,483; May 17.
- Lewellen, Darcy E., and E. F. Lewellen, Columbus, Ind. Speed synchronizing device. 2,117,484; May 17.
- Lewellen, Darcy E., and E. F. Lewellen, Columbus, Ind. Variable speed device. 2,117,485; May 17.
- Lewellen, Darcy E., and E. F. Lewellen, Columbus, Ind. Variable speed transmission. 2,117,486; May 17.
- Lewellen, Emmons F. (See Lewellen, Darcy E. and E. F.)
- Lewenberg, Albert, assignor, by mesne assignments, to A. Lewenberg, Brookline, Mass. Attachment for skirts. 2,128,421; Aug. 30.
- Lewenberg, Anna. (See Lewenberg, Albert, assignor.)
- Lewers, George R., Brooklyn, assignor, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Incineration. 2,114,566; Apr. 19.
- Lewers, George R., Brooklyn, assignor, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Incineration. 2,115,337; Apr. 26.
- Lewers, George R., Brooklyn, assignor, by mesne assignments, to Underpinning Foundation Company, Inc., New York, N. Y. Incineration. 2,117,487; May 17.
- Lewers, George R., Brooklyn, assignor, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Incineration. 2,118,208; May 24.
- Lewis Air Conditioners, Inc. (See Lewis, Carrol E., assignor.)
- Lewis, Arthur J., Stratford, Conn., assignor to The Mason Box Company, Attleboro Falls, Mass. Box fastener machine. 2,138,495; Nov. 29.
- Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Positioning device. 2,140,019; Dec. 13.
- Lewis, Arthur L. (See Schautz, W. L., and Lewis.)
- Lewis, Arthur W., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubrication. 2,134,306; Oct. 25.
- Lewis, Arthur W., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,139,086; Dec. 6.
- Lewis, Arthur W., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,139,087; Dec. 6.
- Lewis, Arthur W., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,139,088; Dec. 6.
- Lewis, Arthur W., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricant and lubrication therewith. 2,139,758; Dec. 13.
- Lewis, Benjamin F., Harryhogan, Va. Trap. 2,123,471; July 12.
- Lewis Bolt & Nut Company. (See Burnett, Clarence M., assignor.)
- Lewis, Boyd R., San Marino, assignor to Fibreboard Products, Inc., San Francisco, Calif. Box construction. 2,106,302; Jan. 25.
- Lewis, Bruce L., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Weighing system. 2,114,267; Apr. 12.
- Lewis, Bruce L., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Universal testing machine. 2,125,116; July 26.
- Lewis, Bernard A., Los Angeles, Calif. Prostatic and vaginal medicine applicator. 2,120,367; June 14.
- Lewis, C. M., et al. (See Fleak, Glen D., assignor.)
- Lewis, Carrol E., assignor to Lewis Air Conditioners, Inc., Minneapolis, Minn. Air conditioner. 2,116,839; May 10.
- Lewis, Charles B. (See Clifford, Patrick J., assignor.)
- Lewis, Charles H. (See Urban, Oliver M., assignor.)
- Lewis, Charles H. (See Urban, O. M., and Stemen, assignors.)
- Lewis, Charles T., Oklahoma City, Okla. Derrickman's safety belt. 2,130,724; Sept. 20.
- Lewis, Dartrey, Boston, Mass., assignor, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Metering valve. 2,117,182; May 10.
- Lewis, E. P. (See Holt, Clinton B., assignor.)
- Lewis, Edward, Chicago, Ill. Removable door handle guard. 2,140,239; Dec. 13.



- Lewis, Edward G. (See Levin, N. D., and Lewis.)
- Lewis, Edward G., assignor to Beverly Products Corporation, Los Angeles, Calif. Combined dropper and atomizer. 2,115,959; May 3.
- Lewis, Edward H., Bridgeport, and C. O. Hull, Stratford, Conn., assignors to General Electric Company. Electric cable and manufacturing the same. 2,119,393; May 31.
- Lewis, Edward H., Union, N. J., and C. O. Hull, Stratford, Conn., assignors to General Electric Company. Electric cable. 2,119,394; May 31.
- Lewis, Edward Z., Evanston, Ill., and W. J. Menihan, Franklin, Pa., assignors to The General Manifold and Printing Company. Master copy sheet. 2,118,888; May 31.
- Lewis, Elmer, Kansas City, Mo. Electric cooker. 2,104,465; Jan. 4.
- Lewis Engineering Company, The. (See Johnson, Manfred J., assignor.)
- Lewis, Everett V., Richmond, Va., and S. W. Brainard, Buffalo, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial thread and preparing same. 2,122,290; June 28.
- Lewis, Florence N., New York, N. Y. Vanity case. 2,122,983; July 5.
- Lewis, Florence N., assignor to Elizabeth Arden Sales Corporation, New York, N. Y. Handbag or other article of luggage. 2,116,869; May 10.
- Lewis, Frank D., West Orange, assignor to R. Faffer, as trustee, Perth Amboy, N. J. Emergency tire tool. 2,135,403; Nov. 1.
- Lewis, George I., assignor to N. R. Schiff, Cincinnati, Ohio. Sound producing device. 2,120,028; June 7.
- Lewis, George S., Cleveland, Ohio. Leafed article. 2,105,696; Jan. 18.
- Lewis, George S., assignor to Winchester Repeating Arms Company, New Haven, Conn. Extractor mechanism for breakdown firearms. 2,108,130; Feb. 15.
- Lewis, George S., assignor to Winchester Repeating Arms Company, New Haven, Conn. Safety device for firearms. 2,125,933; Aug. 9.
- Lewis, George S., assignor to Winchester Repeating Arms Company, New Haven, Conn. Firearm. 2,126,788; Aug. 16.
- Lewis, George S., Oak Park, assignor to Battery Patents Corporation, Chicago, Ill. Connecting of metal parts. 2,112,673; Mar. 29.
- Lewis, Harold A., Wilmington, Del., and F. R. Wilson, Bloomfield, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 2,107,157; Feb. 1.
- Lewis, Harold A., Brandywine Summit, and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition and production. 2,124,201; July 19.
- Lewis, Harold A., Wilmington, Del., and F. R. Wilson, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 2,124,202; July 19.
- Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Tuning scale. Re. 20,632; Jan. 18.
- Lewis, Harold M., Douglaston, Long Island, N. Y., assignor to Hazeltine Corporation. Periodic voltage generator. 2,118,352; May 24.
- Lewis, Harold M., Douglaston, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 2,129,740; Sept. 13.
- Lewis, Harold M., Douglaston, Long Island, and M. Cawein, Manhasset, N. Y., assignors to Hazeltine Corporation. Television apparatus. 2,118,977; May 31.
- Lewis, Harold M., Douglaston, Long Island, and M. Cawein, Manhasset, N. Y., assignors to Hazeltine Corporation. Television system. 2,137,123; Nov. 15.
- Lewis, Harold R., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Product treating machine. 2,114,537; Apr. 19.
- Lewis, Harry G., assignor to Electric Service Supplies Company, Philadelphia, Pa. Handhold. 2,130,283; Sept. 13.
- Lewis, Helen P., and W. S. Idylwood, Va. Closure for containers. 2,135,237; Nov. 1.
- Lewis, Herbert A., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,107,158; Feb. 1.
- Lewis, Houston M., and J. C. Barnhardt, Charlotte, N. C. Display container. 2,134,636; Oct. 25.
- Lewis, Howard B., assignor to Patco, Inc., Los Angeles, Calif. Overhead door. 2,129,221; Sept. 6.
- Lewis-Howe Company. (See Ghiselin, Robert S., assignor.)
- Lewis Invisible Stitch Machine Company. (See Bowman, Louis G., assignor.)
- Lewis Invisible Stitch Machine Company. (See Kelson, Ralph S., assignor.)
- Lewis Invisible Stitch Machine Company. (See Mueller, Charles W., assignor.)
- Lewis, Jack C. (See Taylor, Edgerton F., assignor.)
- Lewis, James N., Columbus, Ohio. Food preservation and storage. 2,126,197; Aug. 9.
- Lewis, James O., Tulsa, Okla. Valve. 2,111,597; Mar. 22.
- Lewis, John, Huntington, W. Va. Radial grinder. 2,137,140; Nov. 15.
- Lewis, John C. (See Babbitt, A. W., and Lewis.)
- Lewis, John D., Youngstown, Ohio. Tank holding cage. 2,104,130; Jan. 4.
- Lewis, John D., Incorporated. (See Ross, Charles M., assignor.)
- Lewis, John L., Hamilton, Ontario, Canada, assignor to American Can Company, New York, N. Y. Method and apparatus for making can covers. 2,131,057; Sept. 27.
- Lewis, John O., Pasadena, assignor to Morey & Jones, Ltd., Los Angeles, Calif. Flow and pressure indicator. 2,112,441; Mar. 29.
- Lewis, Joseph D., Santa Barbara, Calif. Dishwashing and sterilizing machine. 2,127,778; Aug. 23.
- Lewis, Joseph D., Santa Barbara, Calif. Sealing gasket. 2,130,017; Sept. 13.
- Lewis, Lawrence W., Beverly Hills, Calif. Nonsticky molasses and sirup liquid products and making the same. 2,105,745; Jan. 18.
- Lewis, Leroy M., Rosemont, Pa. Automatic sprinkler. 2,125,510; Aug. 2.
- Lewis, Leroy M., Rosemont, Pa. Automatic sprinkler. 2,129,012; Sept. 6.
- Lewis, Lester L., Cabot, Pa. Nonemptying bottle. 2,115,391; Apr. 26.
- Lewis, Lester L., Cabot, assignor to Lewritsch Receptacle Corporation of Pennsylvania, Pittsburgh, Pa. Nonemptying bottle. 2,119,463; May 31.
- Lewis, Lloyd V., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote controlling apparatus. 2,127,691; Aug. 23.
- Lewis Manufacturing Company. (See Schuler, Francis J., assignor.)
- Lewis, Melvin J., Ypsilanti, Mich., assignor to Michigan Ladder Company, Stepladder. 2,109,886; Mar. 1.
- Lewis, Myron H., New York, N. Y. Drilling machine and device. 2,108,131; Feb. 15.
- Lewis, Norton A., Bronx, N. Y. Fluid dispensing apparatus. 2,123,737; July 12.
- Lewis, Raymond B., and J. Reuther, East Aurora, N. Y. Apparatus for filling and closing bottles. 2,126,998; Aug. 16.
- Lewis, Richard W., H. S. Jandus, and T. J. W. Tyson, assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover. 2,111,596; Mar. 22.
- Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Extensometer. 2,106,696; Jan. 25.
- Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Speed comparing device. 2,125,117; July 26.
- Lewis, Robert P., Toledo, Ohio, assignor to Automatic Drive & Transmission Company, Gloucester City, N. J. Automatic clutch mechanism. 2,108,969; Feb. 22.
- Lewis, Robert P., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Vibration dampener. 2,115,819; May 3.
- Lewis, Robert P., Toledo, Ohio, assignor to Automatic Drive & Transmission Company, Gloucester, N. J. Automatic clutch mechanism. 2,126,120; Aug. 9.
- Lewis, Robert R., Baldwin, assignor to Vulcan Proofing Company, New York, N. Y. Transfer device. 2,137,725; Nov. 22.
- Lewis, Roy A., Bethlehem, and C. Schenck, Coopersburg, Pa., assignors to Bethlehem Steel Company. Side-stake pocket for cars. 2,128,306; Aug. 30.
- Lewis Shepard Company. (See Shepard, F. J., Jr., and Warshaw, assignors.)
- Lewis, Sidney M., St. Joseph, Mo. Applicator. 2,105,946; Jan. 18.
- Lewis, Sidney M., St. Joseph, Mo. Applicator. 2,130,305; Sept. 13.
- Lewis, Walter S. (See Lewis, H. P. and W. S.)
- Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Producing valuable products from hydrocarbon gases. 2,130,659; Sept. 20.
- Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Hydrating olefins. 2,141,275; Dec. 27.
- Lewis, Wilbur S., assignor to The Murl Co., Cleveland, Ohio. Hair waving device. 2,108,719; Feb. 15.
- Lewis, William, Utica, N. Y. Spring mattress. 2,111,026; Mar. 15.
- Lewis, William H., Pittsburgh, Pa. Manufacture of wrought iron. 2,110,138; Mar. 8.
- Lewis, William W., Port Washington, N. Y. Regulator for Venetian blinds. 2,108,939; Feb. 22.
- Lewitt, Carl J., assignor to Industrial Development and Research Laboratories, Incorporated, Atlanta, Ga. Permanent waving pad. 2,108,330; Feb. 15.
- Lewitt, Carl J., assignor to Industrial Development and Research Laboratories, Incorporated, Atlanta, Ga. Heat producing composition. 2,112,674; Mar. 29.
- Lewritsch Receptacle Corporation of Pennsylvania. (See Lewis, Lester L., assignor.)
- Levy, Archie, Philadelphia, Pa. Duplex loom. 2,120,079; June 7.
- Levy, Hermann, Berlin Charlottenburg, Germany. Collar stud to be sewn. 2,105,287; Jan. 11.
- Ley, Guston J., J. H. Payne and G. Alan Honolulu, Hawaii, dedicated to the free use of the people of the United States. Making food product. 2,105,977; Jan. 18.



- Ley, Gaston J., J. H. Payne, and G. Akau, Honolulu, Hawaii, dedicated to the free use of the People of the United States. Making food product. 2,108,897; Feb. 22.
- Leyburn, Henry, Newcastle-on-Tyne, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric protective arrangement. 2,111,101; Mar. 15.
- Leyburn, Henry, Newcastle-upon-Tyne, and C. H. W. Lackey, Chester-Le-Street, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Earthing arrangement for electric apparatus. 2,131,517; Sept. 27.
- Leydecker, Charles P., St. Louis, Mo. Foot-balancing means. 2,116,579; May 10.
- Leyhausen, Wilhelm, Nuremberg, Germany. Electromagnetic overload circuit breaker. 2,105,604; Jan. 18.
- Leyland, Thomas, Machinery Company. (See Shute, Charles W., assignor.)
- L'Hollier, Leslie H., Waltham, assignor to Hood Rubber Company, Inc., Watertown, Mass. Spiked shoe. 2,108,439; Feb. 15.
- L'Hommedieu, Arthur W., assignor to Chas. F. L'Hommedieu & Sons Co., Chicago, Ill. Buffing or polishing wheel. 2,124,114; July 19.
- L'Hommedieu, Chas. F., & Sons Co. (See L'Hommedieu, Arthur W., assignor.)
- L'Hommedieu, Paige D., assignor to Johnson & Johnson, New Brunswick, N. J. Appliance for dispensing dental cotton. 2,136,352; Nov. 8.
- Liander, Nils H. (See Gunnelius, Hans A. G., and Liander.)
- Libanoff, Morris B., Chicago, Ill. Making cheese cake, and product employed therewith. 2,112,442; Mar. 29.
- Libbey Glass Company. (See Kilby, Earl, assignor.)
- Libbey Glass Company. (See Schneider, Henry W., assignor.)
- Libbey Glass Company. (See Schneider, H. W., and Mankin, assignors.)
- Libbey Glass Company. (See Schutz, Harold R., assignor.)
- Libbey-Owens-Ford Glass Company. (See Alexander, Harold M., assignor.)
- Libbey-Owens-Ford Glass Company. (See Burrell, Charles D., assignor.)
- Libbey-Owens-Ford Glass Company. (See Crowley, J. P., and Schafer, assignors.)
- Libbey-Owens-Ford Glass Company. (See Drake, John L., assignor.)
- Libbey-Owens-Ford Glass Company. (See Fowler, Ival G., assignor.)
- Libbey-Owens-Ford Glass Company. (See Goodwillie, David H., assignor.)
- Libbey-Owens-Ford Glass Company. (See Haight, William T., assignor.)
- Libbey-Owens-Ford Glass Company. (See Hinsey, Robert S., assignor.)
- Libbey-Owens-Ford Glass Company. (See Hopfield, John J., assignor.)
- Libbey-Owens-Ford Glass Company. (See Kranich, H. O., and Dodge, assignors.)
- Libbey-Owens-Ford Glass Company. (See Louviaux, Leon I., assignor.)
- Libbey-Owens-Ford Glass Company. (See Moller, John H., assignor.)
- Libbey-Owens-Ford Glass Company. (See Morris, Joseph R., assignor.)
- Libbey-Owens-Ford Glass Company. (See Ryan, Joseph D., assignor.)
- Libbey-Owens-Ford Glass Company. (See Sohn, Frank, assignor.)
- Libbey-Owens-Ford Glass Company. (See Thurn, W. N., and Shults, assignors.)
- Libbey-Owens-Ford Glass Company. (See Walters, Emmett L., assignor.)
- Liber, Roy C. (See Berg, Carl, assignor.)
- Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons Inc. Lubricating oil. 2,125,934; Aug. 9.
- Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons Inc. Lubricating oil. 2,125,935; Aug. 9.
- Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons Inc. Lubricating oil. 2,125,936; Aug. 9.
- Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons, Inc. Lowering the pour point of lubricating oil. 2,138,868; Dec. 6.
- Liberty Can and Sign Company. (See Batdorf, Seymour, assignor.)
- Liberty Can and Sign Company. (See Rueger, Herman W., assignor.)
- Liberty Foundries Company. (See Bates, Albert H., assignor.)
- Liberty Mirror Works. (See Ponce, Lucien G., assignor.)
- Libman, Earl E., Schenectady, N. Y., assignor to General Electric Company. Steering moving craft. 2,137,847; Nov. 22.
- Libovitz, Hyman, Newark, W. Mueller, Union, N. J., and W. Pfeiffer, Jackson Heights, N. Y., assignors to Allegro Company. Polishing compound. 2,129,377; Sept. 6.
- Lichte, August, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau-Alten, Germany. Control of fluid-operated pistons. 2,132,486; Oct. 11.
- Lichten, Maurice A., Long Island City, assignor to Fideltone Records, Inc., New York, N. Y. Recording device. 2,115,863; May 3.
- Lichtenberg, Chester, Fort Wayne, Ind., assignor to General Electric Company. Cooling unit. 2,110,002; Mar. 1.
- Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Power take-off. 2,107,540; Feb. 8.
- Lichtenberg, Erich H., and O. Sheck, assignors to Koehring Company, Milwaukee, Wis. Discharge for concrete mixers. 2,135,874; Nov. 8.
- Lichtenstein, Harry, New York, N. Y., assignor to Gerted Corporation. Sleeveless undergarment. 2,105,605; Jan. 18.
- Lichtenstein, Johann, assignor to Société Générale des Carburateurs Zenith, Levallois-Perret, France. Regulation of fuel injection pumps for internal combustion engines. 2,139,194; Dec. 6.
- Lichtenstein, Leo, Chicago, Ill. Package dispensing device. 2,104,523; Jan. 4.
- Lichter, Malvin, New Rochelle, assignor to The Stickless Corporation, New York, N. Y. Miniature mending kit. 2,109,318; Feb. 22.
- Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazyl mercaptide derivatives. 2,129,621; Sept. 6.
- Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,133,782; Oct. 18.
- Lick, Carl F., St. Paul, Minn. Safety device for motion picture projecting machines. 2,106,354; Jan. 25.
- Lidgerwood Manufacturing Company. (See McLean, Leland, O., assignor.)
- Liebel-Flarsheim Company, The. (See Liebel, J. G. H., and Flarsheim, assignors.)
- Liebel, John G. H., and E. S. Flarsheim, assignors to The Liebel-Flarsheim Company, Cincinnati, Ohio. Surgical apparatus. 2,107,057; Feb. 1.
- Liebelt, Adolph A., assignor to The J. H. Day Company, Cincinnati, Ohio. Scraper. 2,125,859; Aug. 2.
- Lieber, Eugene. (See Mikeska, L. A., and Lieber.)
- Lieber, Hugo, assignor to Lieber Patents Corporation, New York, N. Y. Hearing aid. 2,122,429; July 5.
- Lieber, James H., St. Louis, Mo. Coffee-making apparatus. 2,135,903; Nov. 8.
- Lieber Patents Corporation. (See Lieber, Hugo, assignor.)
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Knitting Machines Corporation. Knitting machine. 2,120,336; June 14.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Knitting machine. 2,139,278; Dec. 6.
- Lieberknecht, Karl R., Oberlungwitz, Germany. Device for regulating the length of the loops in straight bar knitting machines. 2,140,240; Dec. 13.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Knitting machine. 2,140,366; Dec. 13.
- Lieberman, Benjamin, Denver, Colo. Ironing board cord holder. 2,125,188; July 26.
- Lieberman, Sarah, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Make-up box. 2,117,097; May 10.
- Lieberthal, Eugene P. (See Ahronheim, Charles, assignor.)
- Liebesny, Paul, and H. Wertheim, Vienna, Austria. Influencing enzymes and technically useful micro-organisms and the like. 2,107,830; Feb. 8.
- Liebesny, Paul, and H. Wertheim, Vienna, Austria. Promoting the growth and activity of microorganisms. 2,133,203; Oct. 11.
- Liebetrueth, Friedrich W., Nuremberg, Germany. Water colors. 2,111,981; Mar. 22.
- Liebmann, Gerhard, Berlin, Germany. Producing finely divided metallic layers. 2,131,187; Sept. 27.
- Liebmann, Moses, New York, N. Y. Shirt. 2,126,021; Aug. 9.
- Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Process and apparatus for adhesively uniting plies of fabric material. 2,107,485; Feb. 8.
- Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Fold lines. 2,118,407; May 24.
- Liégeois, Pierre, Brussels, assignor to Manufacture d'Armements et de Munitions Armu, Societe Anonyme, Schaerbeek-Brussels, Belgium. Bomb. 2,137,056; Nov. 15.
- Liem, See T., The Hague, Netherlands. Cushioning of automobiles or like vehicles. 2,127,123; Aug. 16.
- Lienau, Jacob H., New York, and J. J. Neuman, South Salem, N. Y. Bulk storage for granular materials. 2,134,948; Nov. 1.
- Lienhard, Clarice. (See Baldauf, Carl E., assignor.)
- Lienhard, Frederick, New York, N. Y. Steel floor construction. 2,128,753; Aug. 30.
- Lieseberg, Friederich. (See Eberhardt, E., and Lieseberg.)
- Lieseberg, Friedrich. (See Wild, W., and Lieseberg.)
- Lifeguard Co., The. (See Christopher, E. T., and Murray, assignors.)
- Ligh, Charles G., New Dorp, Staten Island, and A. G. Previn, New York, N. Y., assignors to Electreporter, Inc. Recording sound. 2,110,090; Mar. 1.
- Light, Albert T., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. Re. 20,848; Sept. 6.



- Light, David M., Evanston, assignor to American Steel Foundries, Chicago, Ill. Spring plank. 2,130,141; Sept. 13.
- Light, George G., Kew Gardens, assignor to The Western Union Telegraph Company, New York, N. Y. Shaping signals in single current telegraph circuits. 2,128,680; Aug. 30.
- Light, Ralph A., Cynwyd, and J. W. Price, Jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Cylinder cock. 2,108,228; Feb. 15.
- Light, Ralph A., Cynwyd, and J. W. Price, Jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Automatic lubricator. 2,126,198; Aug. 9.
- Light Service Corporation. (See Stringer, Louis C., assignor.)
- Light, Sidney D., Detroit, Mich. Booklet and cover means. 2,138,496; Nov. 29.
- Lightner, Cody. (See Belford, Uriah, assignor.)
- Lignose, Inc. (See Preston, Charles F., Sr., assignor.)
- Ligot, Claude, Montreal, Quebec, Canada. Hair treating device. 2,106,355; Jan. 25.
- Liguori, Vincent, Bayonne, N. J. Rotating shaft controlling apparatus. 2,108,315; Feb. 15.
- Likens, Edward O., Bethesda, Md. Oil gauge rod wiper. 2,113,235; Apr. 5.
- Liles, Thomas O., Detroit, Mich. Motor. 2,130,691; Sept. 20.
- Lilienfeld, Leon, Vienna, Austria. Coagulating or precipitating viscose. 2,109,591; Mar. 1.
- Lilienfeld, Leon, Vienna, Austria. Treated artificial thread and producing same. 2,112,499; Mar. 29.
- Lilienfeld, Leon, Vienna, Austria. Alcoholic beverages of reduced inebriating capacity. 2,113,596; Apr. 12.
- Lilja, Edgar D., assignor to H. D. Colman, Rockford, Ill. Synchronous motor. 2,105,666; Jan. 18.
- Lilja, Edgar D., assignor to H. D. Colman, Rockford, Ill. Electrical closure control system. 2,118,930; May 31.
- Lilja, Edgar D., assignor to H. D. Colman, Rockford, Ill. Fuel burner control system. 2,126,199; Aug. 9.
- Lill, Friedrich, Vienna, Austria, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,137,408; Nov. 22.
- Lill, Friedrich, and B. Kudrna, Vienna, Austria, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Impulse sender. 2,104,998; Jan. 11.
- Lillard, William W., Afton, Okla. Electric lamp. 2,133,299; Oct. 18.
- Lilleberg, Tideman M., assignor to The Nye Tool and Machine Works, Chicago, Ill. Tube flaring device. 2,120,029; June 7.
- Lilley, Daniel G., Denver, Colo. Automatic variable pitch propeller. 2,123,193; July 12.
- Lilley, Samuel C., Hamden, assignor to The American Mills Company, New Haven, Conn. Securing covering material to elastic strands for elastic fabrics. 2,112,294; Mar. 29.
- Lilley, Samuel C., Hamden, and M. S. Fowler, New Haven, assignors to The American Mills Company, West Haven, Conn. Method and apparatus for coating strands with flock. 2,115,079; Apr. 26.
- Lillie, Arthur C., Los Angeles, Calif. Side windshield. 2,128,951; Sept. 6.
- Lilly, Eli, and Company. (See Kharasch, Morris S., assignor.)
- Lilly, Eli and Company. (See Kharasch, M. S., and Weinhouse, assignors.)
- Lilly, Eli, and Company. (See Kleiderer, E. C., and Shonle, assignors.)
- Lilly, Eli, and Company. (See Shonle, Horace A., assignor.)
- Lilly, Eli, and Company. (See Stuart, Elmer H., assignor.)
- Lilly, Scott H. (See Gilmore, William E., assignor.)
- Lilly Varnish Company. (See Baffa, Michael, assignor.)
- Lily-Tulip Cup Corporation. (See Miller, Albert F., assignor.)
- Lily Tulip Cup Corporation. (See Reifsnyder, James D., assignor.)
- Limbach, Curtis A., Hartsdale, N. Y. Cataloguing device. 2,110,709; Mar. 8.
- Limbacher, Walter. (See Krzikalla, H., and Limbacher.)
- Limerick, Charles T., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Surfacing roofing material. 2,111,565; Mar. 22.
- Limited Company formerly the Skoda Works. (See Götz, František, assignor.)
- Limited Company formerly the Skoda Works. (See Hasek, Jaroslav, assignor.)
- Lipp, Rufus H., King City, Mo. Pneumatic flexible coupling. 2,120,182; June 7.
- Linaker, Frederick W., St. Louis, Mo. Boiler cleaner. 2,126,565; Aug. 9.
- Linch, William E. (See Camilli, G., and Linch.)
- Linckh, Eduard. (See Winkler, P., and Linckh.)
- Lincoln, Bert H., assignor to Continental Oil Company, Ponca City, Okla. Apparatus for dewaxing hydrocarbon oils. 2,113,809; Apr. 12.
- Lincoln, Bert H., and A. Henriksen, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oils. 2,108,554; Jan. 25.
- Lincoln, Bert H., and A. Henriksen, deceased; by E. M. Henriksen, administratrix, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,109,357; Feb. 22.
- Lincoln, Bert H., and W. L. Steiner, assignors to Continental Oil Company, Ponca City, Okla. Sulphurized oils. 2,113,810; Apr. 12.
- Lincoln, Bert H., and W. L. Steiner, assignors to Continental Oil Company, Ponca City, Okla. Sulphurized oils. 2,113,811; Apr. 12.
- Lincoln, Bert H., and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oils. 2,129,281; Sept. 6.
- Lincoln, Bert H., W. L. Steiner, and A. Henriksen, deceased, by J. W. Wolfe, administrator de bonis non, Ponca City, Okla., assignors to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant and method of lubrication. 2,137,777; Nov. 22.
- Lincoln Electric Company, The. (See Landis, George G., assignor.)
- Lincoln Engineering Company. (See Barks, Frank S., assignor.)
- Lincoln Engineering Company. (See Klein, Victor G., assignor.)
- Lincoln Engineering Company. (See Rotter, Lutwin C., assignor.)
- Lincoln, George J., Jr., trustee. (See Morris, James R., assignor.)
- Lincoln, John C., et al. (See Freund, Morris, assignor.)
- Lincoln, John S., assignor of one-half to E. C. Gage, Des Moines, Iowa. Dancing doll. 2,137,575; Nov. 22.
- Lincoln, Paul M. (See Sprole, Robert K., assignor.)
- Lincoln, Paul M., Ithaca, N. Y. Metering device. 2,136,364; Nov. 15.
- Lincoln, Roland L., assignor to Hoffman Specialty Company, Waterbury, Conn. Self cleaning spray nozzle. 2,129,145; Sept. 6.
- Lincoln, Roy. (See Woodell, C. E., Nelson, and Lincoln.)
- Lincoln-Schlueter Floor Machinery Co. (See Wadhams, Frederick E., assignor.)
- Lind, Arthur C. (See Steindorf, R. T., and Lind.)
- Lind, Arthur C., assignor to Chain Belt Company, Milwaukee, Wis. Alarm mechanism for shear-pin couplings. 2,124,965; July 26.
- Lind, Francis T., Everett, and E. M. Webster, Malden, assignors to H. K. Porter, Inc., Everett, Mass. Pivot joint. 2,132,825; Oct. 11.
- Lind, Harry R. E., Minneapolis, Minn. Automobile heater booster. 2,136,626; Nov. 15.
- Lind, John H., Santa Barbara, Mexico, assignor to American Smelting and Refining Company, New York, N. Y. Drill. 2,131,056; Sept. 27.
- Lind, Otto, Dusseldorf, assignor to Henkel & Cie. G. m. b. H., Dusseldorf-Holthausen, Germany. Bleaching and cleansing compositions. 2,141,189; Dec. 27.
- Linda, Frank R. (See Pierce, R. E., and Linda.)
- Lindberg Engineering Company. (See Lindberg, Le Roy A., assignor.)
- Lindberg, Le Roy A., Evanston, assignor to Lindberg Engineering Company, Chicago, Ill. Heat treating furnace. 2,106,462; Jan. 25.
- Lindberg, Le Roy J., Glasgow, Mont. High frequency apparatus. 2,106,120; Jan. 18.
- Lindblad, Axel E., Orange, assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,138,109; Nov. 29.
- Lindblom, Frank W., Cranston, R. I., assignor to Welsh Manufacturing Company. Spectacle temple mounting. 2,117,436; May 17.
- Lindburg, Carl E., assignor to K. I. Willis Corporation, Moline, Ill. Elevator cup. 2,122,036; June 28.
- Linde Air Products Company, The. (See Hardy, Charles, assignor.)
- Linde Air Products Company, The. (See Inskeep, Harry V., assignor.)
- Linde Air Products Company, The. (See Linde, R., and Hochgesand, assignors.)
- Linde, John A., Brooklyn, N. Y. Dental appliances. 2,141,190; Dec. 27.
- Linde, Leonard J., Aldan, Pa., assignor to General Electric Company. Device mounting. 2,120,103; June 7.
- Linde, Leonard J., Drexel Hill, Pa., assignor to General Electric Company. Electric switchgear. 2,128,149; Aug. 23.
- Linde, Richard, Munich, and C. P. Hochgesand, Soltau, near Munich, Germany, assignors to The Linde Air Products Company. Method of and apparatus for operating cold accumulators. 2,107,335; Feb. 8.
- Linde, Richard, Munich, and H. Hansen, Soltau, near Munich, Germany. Decomposition of air by liquefaction and rectification. 2,141,997; Dec. 27.
- Lindeberg, Carl, assignor to The Rudolph Wurlitzer Company, De Kalb, Ill. High frequency reed block. 2,135,310; Nov. 1.
- Lindeberg, Carl, assignor to The Rudolph Wurlitzer Company, De Kalb, Ill. Accordion shift mechanism. 2,136,112; Nov. 8.
- Lindke, Hans F., Martinez, assignor to Shell Development Company, San Francisco, Calif. Treating mineral oils. 2,115,960; May 3.
- Lindell, Berth. (See Nelson, C. B., and Lindell.)
- Lindell, Berth T., Detroit, Mich., assignor to The Murray Corporation of America. Barrel. 2,131,632; Sept. 27.



- Lindell, Oliver, Shawnee, Okla. Electric motor. 2,112,852; Apr. 5.
- Lindell, Sigurd I. (See Beckett, K. C., and Lindell.)
- Lindell, Sigurd I. (See Triplett, H. A., and Lindell.)
- Lindeman, James E., Evanston, assignor to W. H. Miner, Inc., Chicago, Ill. Rail anchor. 2,136,554; Nov. 15.
- Lindemann, Gella, assignor of one-half to H. N. Wessel, New York, N. Y. Handbag. 2,130,502; Sept. 20.
- Lindemann, Roland. (See Jaeckel, Herbert, assignor.)
- Linden, Carl E., Norwood, and R. H. McClellan, Hamilton, assignors to The Fostick Machine Tool Company, Cincinnati, Ohio. Spindle driving transmission. 2,105,288; Jan. 11.
- Linden, Gad A. L., Brooklyn, N. Y. Protector and shield. 2,112,916; Apr. 5.
- Linden, Louis P., Snow Hill, London, England. Advertising apparatus. 2,140,678; Dec. 20.
- Lindgren, Carl J., and J. B. Olch, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Multicell shuttle box for looms. 2,141,656; Dec. 27.
- Linden, Walter, Bronx, N. Y. Support for receptacles. 2,139,309; Dec. 6.
- Linden, Walter, and E. Van Brun, Bronx, N. Y. Hairpin remover. 2,120,919; June 14.
- Lindenberg, Alexander, Selkirk, Manitoba, Canada. Lapping compounds. 2,120,442; June 14.
- Lindenberg, Wilhelm, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Double exposure prevention camera. 2,139,759; Dec. 13.
- Lindenblad, Nils E. (See Hansell, C. W., and Lindenblad.)
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. Re. 20,922; Nov. 22.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Electron discharge device. 2,108,539; Feb. 15.
- Lindenblad, Nils E., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. High voltage generator. 2,119,588; June 7.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generator. 2,121,158; June 21.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultrashort wave circuit. 2,128,422; Aug. 30.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave communication system. 2,131,108; Sept. 27.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Amplifier. 2,131,566; Sept. 27.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio frequency relay. 2,136,448; Nov. 15.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave signaling. 2,138,181; Nov. 29.
- Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Antenna. 2,111,636; Mar. 22.
- Linder, Andrew J. (See Brandt, J. W., and Linder.)
- Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America, New York, N. Y. Radio apparatus. 2,106,149; Jan. 18.
- Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Magnetron modulator. 2,110,449; Mar. 8.
- Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Secondary emissive electronic discharge device. 2,117,098; May 10.
- Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. High frequency magnetron amplifier. 2,135,038; Nov. 1.
- Linder, Ernest G., Surf City, N. J., assignor to Radio Corporation of America. Oscillator. 2,110,448; Mar. 8.
- Linder, Ernest G., Surf City, N. J., assignor to Radio Corporation of America. Modulator for high frequency oscillators. 2,139,238; Dec. 6.
- Linder, John A. (See Anderson, W. E., and Linder.)
- Linder, Ludwig, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, Berlin, Germany. Electric condenser. 2,139,453; Dec. 6.
- Linderman, Bert A., Detroit, Mich. Making pump gears. 2,126,200; Aug. 9.
- Linderman Devices, Incorporated. (See Shaw, William C., assignor.)
- Linderman, Garrett B., Jr., Hagerstown, Md., assignor to Kimberly Stuart, Neenah, Wis. Paper utensil. 2,125,793; Aug. 2.
- Linderman, Stewart H., Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Multi-ply manifold roll. 2,131,380; Sept. 27.
- Linderman, Stewart H., Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Carbon set. 2,131,381; Sept. 27.
- Lindgren, Alexis C. (See Johnston, E. A., and Lindgren.)
- Lindgren, Alexis C., Chicago, and J. Morkovski, Canton, Ill., assignors to International Harvester Company. Plow attachment for tractors. 2,109,669; Mar. 1.
- Lindgren, Alexis C., Chicago, and W. S. Graham, Canton, Ill., assignors to International Harvester Company. Tractor plow. 2,124,203; July 19.
- Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Anti-froth discharging means for centrifugal separators. 2,125,453; Aug. 2.
- Lindh, Jenny M., assignor, by mesne assignments, to Munsingwear, Inc., Minneapolis, Minn. Undergarment. 2,116,360; May 3.
- Lindholm, Arthur W., East Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton lining machine. 2,131,633; Sept. 27.
- Lindholm, Courtney R., assignor to Independent Die and Supply Company, St. Louis, Mo. Die. 2,111,072; Mar. 15.
- Lindley, George W., Philadelphia, Pa. Elastic yarn feeding and tensioning mechanism for knitting machines. 2,123,174; July 12.
- Lindman, Emrik I., Stocksund, near Stockholm, Sweden. Burning mineral substances and porous product thereof. 2,116,030; May 3.
- Lindner, Herbert. (See Hintz, Otto, assignor.)
- Lindner, Herbert. (See Wölfe, Georg R., assignor.)
- Lindner, Herbert, Berlin-Wittenau, Germany. Drilling machine. 2,110,958; Mar. 15.
- Lindner, Herbert, Berlin, Germany. Scale for measuring lengths. 2,111,977; Mar. 22.
- Lindner, Herbert, Berlin-Wittenau, Germany. Machine for grinding screw threads. 2,116,031; May 3.
- Lindner, Karl A. (See Poland, F. F., and Lindner.)
- Lindner, Karl A., Baltimore, Md., assignor to American Smelting and Refining Company, New York, N. Y. Metal mold. 2,106,614; Jan. 25.
- Lindner, Karl A., Rahway, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Material handling mechanism. 2,114,351; Apr. 19.
- Lindner, Karl A., Baltimore, Md., and F. F. Poland, Highland Park, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Casting copper. 2,116,207; May 3.
- Lindner, Kurt. (See Jablonski, L., and Lindner.)
- Lindner, Walther, Munich, Germany. Shaft coupling. 2,119,678; June 7.
- Lindquist, Allan T. (See Siebert, D. W., Greenwood, and Lindquist.)
- Lindquist, Carl. (See Lawson, G. C., and Lindquist.)
- Lindquist, David L., White Plains, assignor to Otis Elevator Company, New York, N. Y. Moving stairway. 2,135,188; Nov. 1.
- Lindquist, Frank D., Worcester, Mass. Loom. 2,106,504; Jan. 25.
- Lindquist, Olga A., and E. L. Sibbitt, assignors of one-third to Siegmund Greve, St. Paul, Minn. Cutoutable display collar for milk bottles and the like. 2,114,498; Apr. 19.
- Lindsay, Daniel C., Johannesburg, Union South Africa, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Mine cooling system. 2,109,236; Feb. 22.
- Lindsay, Harvey B., assignor to Dry-Zero Corporation, Chicago, Ill. Insulated refrigerator casing. 2,116,662; May 10.
- Lindsay Ripe Olive Company. (See Kagley, Herbert W., assignor.)
- Lindsay, Robert M., Oak Park, assignor to Metal Specialties Manufacturing Co., Chicago, Ill. Drafting instrument. 2,114,081; Apr. 12.
- Lindsay Wire Weaving Company, The. (See Steinhart, Ferdinand, assignor.)
- Lindsey, Benjamin S. (See Lindsey, Robert L., assignor.)
- Lindsey, Guy, Hawthorne, Fla. Refrigerating device. 2,104,879; Jan. 11.
- Lindsey, Robert L., assignor to B. S. Lindsey, Terre Haute, Ind. Manufacturing malt. 2,137,141; Nov. 15.
- Lindsey, Roy, Hollywood, Calif. Apparatus for conditioning valves and valve seats. 2,126,789; Aug. 16.
- Lindsey, William, assignor to W. Wrigley, Jr., Company, Chicago, Ill. Package wrap. 2,118,849; May 31.
- Lindsey, William D., South Orange, N. J., assignor, by mesne assignments, to The Sealord Corporation. Signal system. 2,121,357; June 21.
- Lindsley, Edward A., Sycamore, assignor to National Electric Screen Co., Chicago, Ill. Electrocuting trap. 2,117,767; May 17.
- Lindsley, Milton F., Jr., assignor to The King Powder Company, Kings Mills, Ohio. Explosive. 2,126,401; Aug. 9.
- Lindstaedt, Frank F., Oakland, Calif. Spray oil miscible sulphonated compound. 2,110,398; Mar. 8.
- Lindstaedt, Frank F., Oakland, Calif. Horticultural spray oil. 2,127,039; Aug. 16.
- Lindstaedt, Frank F., Oakland, Calif. Spray oil penetration control. 2,134,136; Oct. 25.
- Lindstrom, Cidron F. (See Keith, F. E., and Lindstrom.)
- Lindstrom, George D., and E. North, assignors to National Lock Co., Rockford, Ill. Latch operating means. 2,128,535; Aug. 30.
- Lindstrom, George D., and E. North, assignors to National Lock Co., Rockford, Ill. Door latch mechanism. 2,138,251; Nov. 29.
- Lindstrom, Herbert H., assignor of one-half to A. O. Long, Kansas City, Mo. Drive gearing for washing machines and the like. 2,135,904; Nov. 8.
- Line Material Company. (See Earle, Ralph H., assignor.)
- Line Material Company. (See Hammack, Ramesis A., assignor.)



- Line Material Company. (See Kyle, William D., assignor.)
- Line Material Company. (See Lemont, Clarence J., assignor.)
- Line Material Company. (See Schultz, William O., assignor.)
- Line Material Company. (See Schultz, W. O., and Brown, assignors.)
- Line Material Company. (See Schultz, W. O., and Steinmayer, assignors.)
- Line Material Company. (See Steinmayer, Alwin G., assignor.)
- Line Material Company. (See Steinmayer, A. G., and Smythe, assignors.)
- Line, William K., Butte, Mont. Vehicle brake. 2,118,733; May 24.
- Linebarger, Charles E., Jr. (See Linebarger, Charles E. and C. E., Jr.)
- Linebarger, Charles E. and C. E., Jr., assignors to The Chaslyn Company, Chicago, Ill. Compositions of matter. 2,133,300; Oct. 18.
- Linen Industry Research Association of the Research Institute. (See Matthew, J. A., and Neill, assignors.)
- Liner, Joseph I., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Synchronous motor. 2,111,934; Mar. 22.
- Lines, Howard N., Sabetha, Kans. Package seed display rack. 2,123,787; July 12.
- Lines, Vance, Pasadena, Calif. Joint filling device. 2,104,086; Jan. 4.
- Lines, Vance, Pasadena, Calif. Rake attachment. 2,114,394; Apr. 19.
- Lines, Walter. (See Kellner, Georg, assignor.)
- Lingal, Harry J., and R. C. Dickinson, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,112,033; Mar. 22.
- Lingal, Harry J., and H. J. Crabbs, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cut-out device. 2,134,566; Oct. 25.
- Linhard, Howard V., Detroit, Mich. Draft regulator. 2,117,672; May 17.
- Linhardt, Charles, Jr., Baltimore, Md. Emergency light or torch No. 1. 2,120,523; June 14.
- Linhardt, Charles, Jr., Baltimore, Md. Emergency light and water container therefor. 2,140,877; Dec. 20.
- Link, Amidas C. (See Wentworth, P. C., and Link.)
- Link-Belt Company. (See Atz, Frederick W., Jr., assignor.)
- Link-Belt Company. (See Bergmann, Richard F., assignor.)
- Link-Belt Company. (See Bryant, Jerrus M., assignor.)
- Link-Belt Company. (See Burnell, E. J., and Heacock, assignors.)
- Link-Belt Company. (See Davis, Thomas J., assignor.)
- Link-Belt Company. (See Lauenstein, C. F., and Brinkworth, assignors.)
- Link-Belt Company. (See Lauenstein, C. F., and Ulmer, assignors.)
- Link-Belt Company. (See Strube, Harry L., assignor.)
- Link-Belt Company. (See Suman, Robert W., assignor.)
- Link-Belt Company. (See Tark, Marcus B., assignor.)
- Link-Belt Company. (See Weiss, Charles R., assignor.)
- Link, Edwin A., Jr., Cortland, N. Y. Aviation trainer. 2,119,083; May 31.
- Link, George N., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Delinting device. 2,130,806; Sept. 20.
- Link, John H., Merion, Pa., assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffing gear. 2,111,794; Mar. 22.
- Link, John H., Merion, Pa., assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffing gear. 2,124,704; July 26.
- Link, Julius C., Brooklyn, N. Y. Gem setting. 2,117,736; May 17.
- Link, Karl P., C. G. Niemann, and R. H. Roberts, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Purification and separation of starch. 2,121,919; June 28.
- Link, Louis, New York, N. Y. Gummed tape dispensing machine. 2,108,496; Feb. 15.
- Link, Maximilian P., Los Angeles, Calif. Container. 2,111,566; Mar. 22.
- Link, Maximilian P., Los Angeles, Calif. Container opening device. 2,119,135; May 31.
- Link, Maximilian P., Los Angeles, Calif. Container construction. 2,138,252; Nov. 29.
- Link, Simon. (See Böhme, J., and Link.)
- Linke, Conrad J., Philadelphia, Pa. Apparatus for controlling or indicating photographic exposures. 2,132,306; Oct. 4.
- Linke, Hans G., Magdeburg, assignor to firm Fried. Krupp Grusonwerk, Aktiengesellschaft, Magdeburg, Germany. Vibrating screen. 2,139,089; Dec. 6.
- Linke, Howard, and W. M. Priest, New York, N. Y. X ray apparatus. 2,128,655; Aug. 30.
- Linke, Paul A., Summit, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Elastic yarn having cover knitted upon the core. 2,137,692; Nov. 22.
- Linker, Abraham B., Brooklyn, N. Y. Match package. 2,140,241; Dec. 13.
- Linn, Bertie, Taylorville, Ill. Axle gauge. 2,112,917; Apr. 5.
- Linn, Leroy R., Sheboygan, Wis. Hand loom heddle shifting device. 2,132,078; Oct. 4.
- Linn, William J., Pittsburgh, Pa. Gas mixing device. 2,133,623; Oct. 18.
- Linne, August C., Indianapolis, Ind. Valve stem clearance check. 2,104,234; Jan. 4.
- Linograph Corporation. (See Murray, Clay E., assignor.)
- Linotype and Machinery Limited. (See Billington, J. E., and Scott, assignors.)
- Linotype and Machinery Limited. (See Gerrard, W., and Harris, assignors.)
- Linotype and Machinery Limited. (See Hayward, Arthur S., assignor.)
- Linotype and Machinery Limited. (See Scott, Richard H., assignor.)
- Linsall, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Automatic volume control. 2,104,087; Jan. 4.
- Linscott, Chester E., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Process and apparatus for impregnating fibrous sheet material. 2,117,432; May 17.
- Linsell, Alfred A., London, England, assignor to Radio Corporation of America. Radio receiver. 2,105,789; Jan. 18.
- Linsell, Alfred A., London, England, assignor to Radio Corporation of America. Ultrahigh frequency electron discharge modulator. 2,121,877; June 28.
- Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Engine ignition system. 2,134,053; Oct. 25.
- Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Multirange receiver. 2,141,756; Dec. 27.
- Linsley, Douglas F. (See Carter, P. M., and Linsley.)
- Linsley, Douglas F., Norwalk, Conn., assignor to Vaco Products, Inc. Automotive vehicle. 2,110,994; Mar. 15.
- Linstead, Reginald P. (See Heilbron, I. M., Irving, and Linstead.)
- Linstead, Reginald P., London, and C. E. Dent, Manchester, England, assignors to Imperial Chemical Industries Limited. Producing copper phthalocyanine. 2,124,742; July 26.
- Linstead, Reginald P., London, and C. E. Dent, Manchester, England, assignors to Imperial Chemical Industries Limited. Copper monochlorophthalocyanine and making it. 2,129,013; Sept. 6.
- Lintern Corporation. (See Lintern, John B., assignor.)
- Lintern, John B. (See Lintern, William and J. B.)
- Lintern, John B., Berea, assignor to The Lintern Corporation, Cleveland, Ohio. Sanding device for vehicles. 2,137,917; Nov. 22.
- Lintern, William, Cleveland, Ohio, assignor to Evans Products Company, Detroit, Mich. Vehicle body ventilation apparatus. 2,130,306; Sept. 13.
- Lintern, William and J. B., Cleveland, Ohio, assignors, by mesne assignments, to Evans Products Company, Detroit, Mich. Body and engine temperature control system for motor vehicles. 2,131,017; Sept. 20.
- Linthwaite, Owen C., assignor to Bendix Products Corporation, South Bend, Ind. Internal combustion engine. 2,111,324; Mar. 15.
- Linthwaite, Owen C., assignor to Bendix Products Corporation, South Bend, Ind. Outboard motor. 2,111,325; Mar. 15.
- Linthwaite, Owen C., assignor to Bendix Products Corporation, South Bend, Ind. Outboard motor assembly. 2,118,209; May 24.
- Linthwaite, Owen C., assignor to Bendix Products Corporation, South Bend, Ind. Engine. 2,127,743; Aug. 23.
- Linthwaite, Owen C., assignor to Bendix Products Corporation, South Bend, Ind. Outboard motor. 2,127,744; Aug. 23.
- Lintner, Edwin J., Pittsburgh, Pa. Safety pin. 2,104,880; Jan. 11.
- Linton, Merwyn B., Tyler, Tex., assignor to The Lubrication Corporation, Chicago, Ill. Portable grease gun. 2,121,972; June 28.
- Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Producing molybdenum alloys. 2,134,616; Oct. 25.
- Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Alloying molybdenum. 2,134,617; Oct. 25.
- Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Producing molybdenum alloys. 2,135,189; Nov. 1.
- Lion Bedding Company. (See Marsack, Max, assignor.)
- Lion, Harold S., and C. G. Rohrer, assignors, by mesne assignments, to The Evans Manufacturing Company, Cincinnati, Ohio. Construction of milk crates. 2,111,806; Mar. 22.
- Lion, Harold S., and C. G. Rohrer, assignors, by mesne assignments, to The Evans Manufacturing Company, Cincinnati, Ohio. Nonrodded milk crate. 2,132,118; Oct. 4.
- Lion, Yervant, Fresno, Calif. Brake testing device. 2,117,931; May 10.
- Lionel Corporation, The. (See Bonanna, Joseph L., assignor.)



- Lionel Corporation, The. (See Phillips, Ray V., assignor.)  
 Lipe, W. C., Inc. (See Carhart, Raymond H., assignor.)  
 Lipe, W. C., Inc. (See Klix, Hugo C., assignor.)  
 Lipe, W. C., Inc. (See Klix, Paul T., assignor.)  
 Lipe, W. C., Inc. (See Spase, Charles B., assignor.)  
 Lipert, Sidney, Edmonton, England. Hinge. 2,108,774; Feb. 15.  
 Lipford, Samuel G., et al. (See Foster, Robert J., assignor.)  
 Lipkin, David, assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,109,490; Mar. 1.  
 Lipkin, David, assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,109,491; Mar. 1.  
 Lipp, Walter R., Mifflin Township, Allegheny County, Pa. Separable joint. 2,129,432; Sept. 6.  
 Lippard, Van F., Washington, D. C. Live center. 2,131,327; Sept. 27.  
 Lippert, Arnold L. (See Bird, S. B., and Lippert.)  
 Lippert, Arnold L., and W. P. Hall, assignors to Joseph Bancroft & Sons Co., Wilmington, Del. Blueprint, photo-vellum, and similar sensitized cloths. 2,121,205; June 21.  
 Lippert, Henry E., Pittsburgh, Pa. Locomotive fuel conveyer. 2,126,267; Aug. 9.  
 Lippert, Henry E., Norfolk, Va., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker structure. 2,115,510; Apr. 26.  
 Lippert, Leo H., and J. F. York, Sioux Falls, S. Dak. Dispensing gauge. 2,127,875; Aug. 23.  
 Lippincott, Donald K. (See Farnsworth, P. T., and Lippincott.)  
 Lippincott, Samuel B., Terre Haute, assignor to Purdue Research Foundation, La Fayette, Ind. Production of carboxylic acids from nitrohydrocarbons. 2,113,812; Apr. 12.  
 Lippincott, Samuel B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Producing carboxylic acids from nitrohydrocarbons. 2,113,813; Apr. 12.  
 Lippincott, Samuel B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Making carboxylic acids from nitrohydrocarbons. 2,113,814; Apr. 12.  
 Lippincott, Wells A., Chicago, Ill. Printing plate and formation thereof. 2,108,822; Feb. 22.  
 Lippitt, Stephen W., Cleveland, Ohio. Knitted buffing wheel. 2,109,905; Mar. 1.  
 Lippitt, Stephen W., Cleveland, Ohio. Polishing wheel. 2,109,906; Mar. 1.  
 Lippmann, Ludwig, Brissago, Switzerland. Device for denicotinizing tobacco. 2,113,114; Apr. 5.  
 Lippold, Adolph J., assignor to Cherry-Burrell Corporation, Milwaukee, Wis. Bottle filling mechanism. 2,122,149; June 28.  
 Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill. Stabilizer. 2,122,150; June 28.  
 Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill. Float valve. 2,122,866; July 5.  
 Lippold, Carl J., Wauwatosa, assignor to J. M. Nash Company, Milwaukee, Wis. Sanding and polishing machine. 2,109,069; Feb. 22.  
 Lippold, Carl J., Wauwatosa, assignor to J. M. Nash Company, Milwaukee, Wis. Finishing and polishing machine. 2,119,954; June 7.  
 Lippold, Wilhelm. (See Horn, G., and Lippold.)  
 Lipps, William D., Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Stapling mechanism. 2,125,731; Aug. 2.  
 Lips, Jakob, Urdorf, Switzerland. Motor driven culinary machine. 2,125,118; July 26.  
 Lipscomb, Gaston J., Montclair, N. J. Apparatus for drying vegetable fiber such as bagasse and the like. 2,134,229; Oct. 25.  
 Lipsner, Benjamin B., Chicago, Ill. Massage device. 2,104,429; Jan. 4.  
 Liphroth, Henry C., St. Petersburg, Fla. Building structure. 2,138,182; Nov. 29.  
 Lipton, Harry S., et al. (See Sears, H. M., and Rothenberg, assignors.)  
 Lipton, Ruby, New York, N. Y. Head covering. 2,106,570; Jan. 25.  
 Lipton, Ruby, New York, N. Y. Hat. 2,106,571; Jan. 25.  
 Lipton, Ruby, New York, N. Y. Head covering. 2,107,951; Feb. 8.  
 Lipton, Ruby, New York, N. Y. Head covering. 2,116,076; May 3.  
 Lipton, Ruby, New York, N. Y. Hat fastener. 2,121,973; June 28.  
 Liquid Carbonic Corporation. (See Cordrey, Almon J., assignor.)  
 Liquid Carbonic Corporation, The. (See Hunt, F. B., Pratt, Tirrell, and Turner, assignors.)  
 Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)  
 Liquid Carbonic Corporation, The. (See Kantor, J., and Marovitz, assignors.)  
 Liquid Carbonic Corporation, The. (See Wagner, Melvin, assignor.)  
 Liquilock, Inc. (See Stonebraker, Lyndon G., assignor.)  
 Lira, Pedro, Santiago, Chile. Film feeding mechanism. 2,122,946; July 5.  
 Lirsa Societe Anonyme. (See Buchwalder, Henri, assignor.)  
 Lisbon, Joseph C., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,117,336; May 17.  
 Lisk, Harry E., Independence, Iowa. Control mechanism. 2,126,900; Aug. 16.  
 Liska, William F., Chicago, Ill., assignor, by mesne assignments, to Holland Brass Works. Prayer rail. 2,117,430; May 17.  
 Liskin, Joseph, Brooklyn, and S. Stimmel, New York, assignors to Standard Corrugated Case Corporation, Long Island City, N. Y. Shipping case. 2,105,086; Jan. 11.  
 Lisov, John, Montclair, N. J. Antiskid device and emergency wheel. 2,112,781; Mar. 29.  
 Liss, Samuel A., Philadelphia, Pa., assignor of one-half to H. B. Hamill, Haddonfield, N. J. Lock. 2,122,478; July 5.  
 Lissauer, Adolph W., assignor to Louisville Drying Machinery Company, Incorporated, Louisville, Ky. Utilization of waste gases. 2,122,037; June 28.  
 Lissou & Mellen Company. (See Levine, David I., assignor.)  
 List, George P., South Seattle, Wash. Muffler. 2,132,425; Oct. 11.  
 List, Heinrich, Berlin-Lichterfelde-Ost, Germany. Brake. 2,119,819; June 7.  
 Lister, Alfred, Montclair, N. J., and A. B. Frenning, Greenwich, Conn., assignors to The Spool Cotton Company, New York, N. Y. Thread spool cabinet. 2,128,781; Aug. 30.  
 Lister, Charles B. (See Hakenjos, F. M., and Lister.)  
 Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Lubricating grease and its production. Re. 20,709; Apr. 26.  
 Lithgow Corporation. (See Lithgow, James, assignor.)  
 Lithgow, James, assignor to Lithgow Corporation, Chicago, Ill. Coating containers. 2,108,017; Feb. 8.  
 Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Drain board. 2,136,904; Nov. 15.  
 Litner, Isaac, Brooklyn, assignor to Bright Light Reflector Co. Inc., Kings County, N. Y. Electric fixture. 2,127,124; Aug. 16.  
 Litsey, Doris, Dallas, Tex. Embroidering attachment. 2,137,454; Nov. 22.  
 Litsey, Robert G., Fort Worth, Tex. Line coupler. 2,138,702; Nov. 29.  
 Littell, F. J., Machine Company. (See Littell, Frederick M., assignor.)  
 Littell, Frederick M., assignor to F. J. Littell Machine Company, Chicago, Ill. Automatic controlling apparatus for strip feeding mechanism. 2,140,755; Dec. 20.  
 Little, Alonzo H., assignor of three-fifths to G. O. Fowler, Los Angeles, Calif. Needle. 2,120,030; June 7.  
 Little, Arthur D., Inc. (See Avery, Julian M., assignor.)  
 Little, Arthur D., Incorporated. (See Billings, Howard J., assignor.)  
 Little, Arthur D., Incorporated. (See Crocker, Ernest C., assignor.)  
 Little, Arthur D., Inc. (See Crocker, E. C., and Billings, assignors.)  
 Little, Arthur D., Incorporated. (See Harford, Charles G., assignor.)  
 Little, Daniel W., Chicago, Ill. Internal combustion engine operated drill. 2,121,706; June 21.  
 Little, Donald G., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Frequency stabilizing device. 2,114,846; Apr. 19.  
 Little, Earl W., Indianapolis, Ind. Forming a wire structure. 2,133,550; Oct. 18.  
 Little, Edward, Saginaw, Mich. Meat tenderer. 2,140,160; Dec. 13.  
 Little, Edwin G. (See Allen, E. M., and Little.)  
 Little, Frederick B., Chicago, Ill. Signal device. 2,128,150; Aug. 23.  
 Little, George W., and A. J. Klein, New York, N. Y., said Klein assignor to said Little. Concentrating serum. 2,124,951; July 26.  
 Little Giant Inc. (See Jackson, Merlin M., assignor.)  
 Little, Harry, Rye, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Impression cylinder for printing machines. 2,110,302; Mar. 8.  
 Little, Harry C., San Rafael, Calif. Oil burner. 2,109,946; Mar. 1.  
 Little, Howard J., Fort Thomas, Ky., assignor, by mesne assignments, to The Andrews Steel Company. Protected tubing. 2,105,124; Jan. 11.  
 Little, Howard J., Fort Thomas, Ky., assignor to The Andrews Steel Company. Sheet metal surfacing. 2,142,070; Dec. 27.  
 Little, Jesse, Warwick, assignor to Davol Rubber Company, Providence, R. I. Closure for nursing bottles and the like. 2,109,374; Feb. 22.  
 Little, Jesse, Warwick, R. I., assignor to Davol Rubber Company. Nipple and cap construction. 2,136,514; Nov. 14.  
 Little, John. (See Smeal, Ellis K., assignor.)  
 Little, Percival F., Lyon Park, Va. Light ray deflector. 2,116,524; May 10.  
 Little, Royal, assignor to Franklin Rayon Corporation, Providence, R. I. Textile creel. 2,120,759; June 14.



- Little, Royal, assignor to Franklin Rayon Corporation, Providence, R. I. Method and apparatus for preparing batches of textile packages for subsequent treatment. 2,139,553; Dec. 6.
- Little, Royal, and W. A. Traver, Providence, and J. M. Wood and F. W. Fraim, Cranston, assignors to Franklin Rayon Corporation, Providence, R. I. Apparatus for processing fibrous materials. 2,125,937; Aug. 9.
- Little, Royal, Providence, and F. W. Fraim, Cranston, assignors to Franklin Rayon Corporation, Providence, R. I. Cop tube and manufacturing the same. 2,138,383; Nov. 29.
- Little, Royal, Providence, and F. W. Fraim, Cranston, assignors to Franklin Rayon Corporation, Providence, R. I. Reel or holder for textile packages. 2,141,610; Dec. 27.
- Little, Thomas H., Brandon, Manitoba, Canada. Fly guard. 2,110,465; Mar. 8.
- Little, Walter S., assignor of one-half to J. L. Sullivan, Manchester, N. H. Combined searchlight and tester. 2,131,351; Sept. 27.
- Littlefield, Edgar E., Los Angeles, Calif. Electrical controlling apparatus and method. 2,129,331; Sept. 6.
- Littlefield, George D., Searsport, Maine. Safety attachment for automobiles. 2,117,617; May 17.
- Littleford Brothers. (See Haupt, Herbert, assignor.)
- Little Giant Inc., Ltd. (See Jackson, Merlin M.)
- Littleton, Jesse T. (See Hostetter, J. C., and Littleton.)
- Littleton, Jesse T., assignor, by mesne assignments, to Corning Glass Works, Corning, N. Y. Insulator. 2,118,795; May 24.
- Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Treatment of abietyl compounds and products produced thereby. 2,130,997; Sept. 20.
- Littmann, Edwin R., assignor to Hercules Powder Co., Wilmington, Del. Treatment of abietyl compounds and products produced thereby. 2,137,576; Nov. 22.
- Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Treatment of rosins and metal salts produced thereby. 2,133,183; Nov. 29.
- Litton, Charles V., San Mateo County, Calif. X-ray tube. 2,119,679; June 7.
- Litton, Charles V., Redwood City, Calif. Vacuum-tight power transmission device. 2,119,955; June 7.
- Litton, Charley O., Lock Springs, Mo. Windmill. 2,114,003; Apr. 12.
- Littooy, John F., San Francisco, Calif. Spreader for sprays. 2,114,307; Apr. 19.
- Litzler, Joseph A., Enid, Okla. Internal combustion engine. 2,119,464; May 31.
- Livak, John. (See Mills, L. E., Smith, and Livak.)
- Livak, John E. (See Britton, E. C., Smith, Livak, and Sunderland.)
- Livak, John E. (See Smith, F. B., and Livak.)
- Liverance & Van Antwerp. (See Den Besten, Gerrit, assignor.)
- Liverance, Frank E., Jr., Grandville, Mich. Engine starting. 2,117,066; May 10.
- Liverance, Frank E., Jr., Grandville, Mich. Starter control. 2,122,038; June 28.
- Livermore, Carl R., Roxobel, N. C. Boat or other vehicle. 2,115,864; May 3.
- Livernore, William T., Westfield, N. J. Automatic transmission control. 2,120,104; June 7.
- Livingston, Edmund M., Edgewood, Pa. Track rail joint. 2,116,463; May 3.
- Livingston, Harry M., Rainier, Wash. Rotary scraper. 2,109,394; Feb. 22.
- Livingston, John W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Track rail contactor. 2,108,497; Feb. 15.
- Livingston, Orrin W., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 2,112,034; Mar. 22.
- Livingston, Stanley D., Freeport, N. Y. Printing press. 2,133,459; Oct. 18.
- Ljungström, Fredrik, Lidingsö Brevik, Sweden. Rig for sail boats. 2,107,303; Feb. 8.
- Ijungström, Olof, Detroit, Mich., assignor, by mesne assignments, to The Power Transmission Company, Incorporated. Hydraulic transmission system. 2,139,965; Dec. 13.
- Llewellyn, Frederick B., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Space discharge tube circuit. 2,118,931; May 31.
- Lloyd, Elmer J. (See Johansen, P., and Lloyd.)
- Lloyd, George F., Brighton, Victoria, assignor to "Zetta" Proprietary Limited, South Melbourne, Victoria, Australia. Tanning skins and hides. 2,109,572; Mar. 1.
- Lloyd, Harry C., Syracuse, N. Y. Gas burner. 2,116,840; May 10.
- Lloyd, John, Coventry, assignor to Sir W. G. Armstrong Whitworth Aircraft Limited, Whitley, Coventry, England. Cooling of aircraft engines. 2,112,777; Mar. 29.
- Lloyd, Richard L., deceased, Great Neck, N. Y. (S. W. Lloyd executrix), and R. W. Hyde, Summit, N. J., assignors to Dwight & Lloyd Sintering Company, Inc., New York, N. Y. Making copper oxides. 2,121,602; June 21.
- Lloyd, Robert J., Detroit, Mich. Slug adjuster. 2,128,369; Aug. 30.
- Lloyd, Robert J., Detroit, Mich. Brake shoe for type setting machines. 2,128,370; Aug. 30.
- Lloyd, Russel, Tacoma, Wash. Trocar. 2,112,629; Mar. 29.
- Lloyd, Stella W., executrix. (See Lloyd, R. L., and Hyde.)
- Loane, Clarence M. (See Shoemaker, B. H., and Loane.)
- Lobb, Una, Grafton, Ontario, Canada. Bed construction. 2,115,111; Apr. 26.
- Lobbenberg, Hans, Cologne, Germany. Device for fastening corsets. 2,122,323; June 28.
- Lobdell, Edward J., Jr., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Press. 2,105,289; Jan. 11.
- Lobdell-Emery Manufacturing Company, The. (See Faulhaber, Roland W., assignor.)
- Lobdell-Emery Manufacturing Company, The. (See Hanson, Carl, assignor.)
- Lobdell-Emery Manufacturing Company, The. (See Lobdell, Edward J., Jr., assignor.)
- Lobel, Herman, Brooklyn, and L. Di Spalatro, New York, N. Y. Pencil sharpening device. 2,123,511; July 12.
- Lobel, Rudolph, Brooklyn, N. Y. Handbag. 2,110,163; Mar. 8.
- Lobel, Rudolph, New York, N. Y. Handbag. 2,131,382; Sept. 27.
- Lobelle, Marcel J. O., Langley, and E. Voss, assignors to The Fairey Aviation Company, Limited, Hayes, England. Mounting for guns and the like. 2,137,577; Nov. 22.
- Lo Bianco, Vincent P., New York, N. Y. Liquid for treating leather, particularly shoes. 2,118,932; May 31.
- Lobl, Frederick, Middleboro, Mass. Cord-type electric switch. 2,117,966; May 17.
- Löbl, Karel, and K. Kšif, Prague, Czecho-Slovakia. Evaporator. 2,117,337; May 17.
- Lobo, Walter E., Westfield, assignor to Gasoline Products Company, Inc., Newark, N. J. Heating hydrocarbon oils. 2,119,470; May 31.
- Lobstein, Jean, Paris, France. Support forming current intake with automatic adjustment of temperature for electric heating apparatus. 2,140,756; Dec. 20.
- Loccisano, Giuseppe. (See Scullari, A., and Loccisano.)
- Lochhead, Elmer C., assignor of one-half to C. R. Henderson, Moberly, Mo. Stocking and making the same. 2,108,540; Feb. 15.
- Lochhead, Elmer C., assignor of one-half to C. R. Henderson, Moberly, Mo. Hosiery and making the same. 2,130,018; Sept. 13.
- Lochman, Emil R., Milwaukee, Wis. Combined headlight and direction indicator for vehicles, and controlling device for same. 2,119,549; June 7.
- Lochman, Emil R., Milwaukee, Wis. Headstock for a general utility machine tool. 2,127,745; Aug. 23.
- Lochner, John, New York, N. Y. Hat securing device. 2,113,992; Apr. 12.
- Lock, Ritchie H., Chigwell, England. Glycerol monolactate triacetate and making same. 2,107,202; Feb. 1.
- Lock, Ritchie H., Chigwell, England. Application of a plasticizing agent for cellulose derivatives. 2,107,203; Feb. 1.
- Locke, Albert R., Oak Park, Ill. System for transmitting electrical energy. 2,105,194; Jan. 11.
- Locke, Arthur S. (See Steinfeld, H. K., Galson, and Locke.)
- Locke, Arthur S., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,132,372; Oct. 4.
- Locke, Burton H., Lowell, Mass. Expansion pulley. 2,119,395; May 31.
- Locke, Earl E., Utica, Ill. Advertising device. 2,129,585; Sept. 6.
- Locke, Earl R., Bakersfield, Calif. Building system. 2,141,397; Dec. 27.
- Locke, George A. (See Large, W. V. K., and Locke.)
- Locke, George A., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recorder of liquid level heights. 2,132,213; Oct. 4.
- Locke Insulator Corporation. (See Hawley, Kent A., assignor.)
- Locke Insulator Corporation. (See McCoy, Robert L., assignor.)
- Locke Insulator Corporation. (See Vrooman, Edward C., assignor.)
- Locke, John H. (See Howard, K. S., and Locke.)
- Locke, John H., Villanova, and W. M. Sheehan, Meriden, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Mine car. 2,113,395; Mar. 29.
- Locke, Karl, and R. Brunnhuber, Berlin Tempelhof, Germany. Zero resetting mechanism for registers. 2,106,807; Feb. 1.
- Locke, William B., Ferndale, Mich. Labeling machine. 2,131,227; Sept. 27.
- Locher, Maurice, Manchester, England. Caster for granular or other granular or powdered substances. 2,111,878; June 28.
- Lockett, Andrew M., New Orleans, and H. H. Holloway, Amite, La. Method and apparatus for separating gravel, and the like. 2,106,537; Jan. 25.
- Lockett, Ralph G., Wauwatosa, assignor to Cyber-Hammet, Inc., Milwaukee, Wis. Reversing control apparatus for a plurality of electric motors. 2,119,337; May 31.



- Lockett, Ralph G., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor control. 2,137,534; Nov. 22.
- Lockey, James, Great Burgh, Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y. Aeration device. 2,104,330; Jan. 4.
- Lockhart, William, assignor to Cornell Securities Corporation, Cleveland, Ohio. Receptacle and closure. 2,108,407; Feb. 15.
- Lockhart, William, assignor to Cornell Securities Corporation, Cleveland, Ohio. Clamping ring and making same. 2,126,966; Aug. 16.
- Lockhart, William K. (See Wells, W. B., and Lockhart.)
- Lock Joint Pipe Company. (See Trickey, William W., assignor.)
- Lockleer, Edward L., Amarillo, Tex. Display device. 2,140,804; Dec. 20.
- Locklin, William O., Rochester, N. Y. Surfacing machine. 2,124,705; July 26.
- Lock-On Heel Company. (See Gordon, H., and Rogge, assignors.)
- Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Removable oven vent grille for electric ranges. 2,106,848; Feb. 1.
- Lockwood, Edwin H., Mansfield, and E. Bletz, Lexington, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oven thermostatic switch. 2,112,035; Mar. 22.
- Lockwood, Eugene A., High Point, N. C. Garment manufacture. 2,133,749; Oct. 18.
- Lockwood, Fred F. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
- Lockwood, Lewis B. (See Ward, G. E., Lockwood, and May.)
- Lockwood, Lewis B. (See Wells, P. A., Lockwood, and Stubbs.)
- Lockwood, William C., Chicago, Ill. Safety pin. 2,138,869; Dec. 6.
- Locomotive Firebox Company. (See Christenson, Gust J., assignor.)
- Lodding, Frederick W., Worcester, Mass. Doctor mechanism for rolls and cylinders. 2,117,032; May 10.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of esters of methacrylic acid. 2,111,509; Mar. 15.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of methacrylic acid and esters. 2,111,510; Mar. 15.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic acid synthesis. 2,135,448; Nov. 1.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aliphatic esters. 2,135,449; Nov. 1.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic acid synthesis. 2,135,451; Nov. 1.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of aliphatic organic acids and esters. 2,135,452; Nov. 1.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of oxygenated organic compounds. 2,135,453; Nov. 1.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alcohols from olefines. 2,135,455; Nov. 1.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of constituents from an organic complex. 2,135,456; Nov. 1.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of the constituents in organic complexes. 2,135,457; Nov. 1.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids from olefines and carbon monoxide. 2,135,459; Nov. 1.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of boron fluoride. 2,135,460; Nov. 1.
- Lodetti, Angelo, Milan, assignor of seventy percent to B. Negrini and A. Sbarberi, Bologna, Italy. Connecting means for rails. 2,137,918; Nov. 22.
- Lodge, Frank. (See Haddock, N. H., and Lodge.)
- Lodge, Frank, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Anthraquinone derivatives. 2,113,054; Apr. 5.
- Lodge, Frank, and C. H. Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyestuffs of the anthracene series. 2,129,014; Sept. 6.
- Lodge, Ralph C. P. (See Webb, David E., assignor.)
- Lodge & Shipley Machine Tool Company, The. (See Fritzsche, Frank A., assignor.)
- Loeb, Walter W., Berlin-Waldmannslust, G. Müller, Blankenfelde, and K. Weinmann, Berlin-Grunau, Germany, assignors to General Electric Company. Sealing apparatus for electric lamps and the like. 2,135,290; Nov. 1.
- Loebell, Maurice A., Zanesville, Ohio. X-ray apparatus. 2,139,966; Dec. 13.
- Loebis, Albert J., Long Island City, N. Y. Air injector for internal combustion engines. 2,112,602; Mar. 29.
- Loedding, Alfred C., New York, N. Y. Aircraft. 2,118,254; May 24.
- Loeffel, Lester H., and I. R. Versoy, assignors to The Berger Brothers Company, New Haven, Conn. Device for posture study. 2,118,092; May 24.
- Loeffler, Albert, New York, N. Y. Tooth brush. 2,121,358; June 21.
- Loeffler, Albert, New York, N. Y. Reversible tooth brush. 2,140,294; Dec. 13.
- Loeffler, Bruno, Plainfield, N. J., assignor to Mack Manufacturing Corporation. Hydraulic Diesel air chamber valve control mechanism. 2,116,175; May 3.
- Loeffler, John E., assignor to L. B. F. Loeffler, Houston, Tex. Gas burner. 2,136,449; Nov. 15.
- Loeffler, Fritz, New York, N. Y. Recording mechanism. 2,138,110; Nov. 29.
- Loeffler, Lena B. F. (See Loeffler, John E., assignor.)
- Loehr, Leslie K., Los Angeles, Calif. Adjustable blind or screen. 2,110,145; Mar. 8.
- Loehr, Leslie K., and W. E. Burdick, assignors to The Startomatic Corporation, Los Angeles, Calif. Automatic starting system for engines. 2,121,974; June 28.
- Loehr, Leslie K., and W. E. Burdick, assignors to The Startomatic Corporation, Los Angeles, Calif. Automatic starting mechanism. 2,131,403; Sept. 27.
- Loehr, Leslie K., and W. E. Burdick, assignors to The Startomatic Corporation, Los Angeles, Calif. Automatic starting mechanism. 2,135,620; Nov. 8.
- Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Condition controlling apparatus. 2,128,096; Aug. 23.
- Loesser, Ernest W., Short Hills, N. J. Low water control for steam boilers. 2,137,880; Nov. 22.
- Loewe, Bernhard, Berlin, Germany. Producing metallic layers. 2,114,665; Apr. 19.
- Loewe, Hermann. (See Immendoerfer, E., Loewe, and Muench.)
- Loewe, Hermann. (See Muench, H., and Loewe.)
- Loewe, Siegmund, Berlin, Germany. Braun tube. 2,129,015; Sept. 6.
- Loewe, Siegmund, Berlin, Germany. Multigrid tube. 2,129,016; Sept. 6.
- Loewenstein, Alfred, Jerusalem, Palestine. System for electrically measuring the thickness of metallic walls, sheets, and the like. 2,116,119; May 3.
- Loewenstein, Carl A., Berlin, Germany, assignor to E. G. Preuss, South Lodge, St. John's Wood, England. Changeable exhibitor. 2,141,398; Dec. 27.
- Loewenstein, Ludwig, Chicago, Ill. Device for molding frozen confections. 2,131,446; Sept. 27.
- Loewy, Julius E., Philadelphia, Pa. Abrasive assembly. 2,118,409; May 24.
- Loewy, Raymond G. F., New York, N. Y., and H. A. None-maker, Narberth, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive. 2,128,490; Aug. 30.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,112,372; Mar. 29.
- Lofstedt, William J., assignor, by mesne assignments, of two-thirds to Premier Manufacturing and Sales Company, Portland, Oreg., and one-third to R. H. Mort. Plate shaving machine. 2,118,410; May 24.
- Lofstrand, Anders R., Sr., Washington, D. C. Basket. 2,112,404; Mar. 29.
- Lofstrand, Anders R., Sr., Washington, D. C. Washing machine. 2,116,155; May 3.
- Lofstrand, Anders R., Sr., Washington, D. C. Scrubber structure. 2,123,308; July 12.
- Lofstrand, Anders R., Sr., Washington, D. C. Device for breaking bottles. 2,135,404; Nov. 1.
- Lofstin, Grady A., assignor to The Lane Company, Inc., Altavista, Va. Chest. 2,124,071; July 19.
- Lofstin, Grady A. and L. K., assignors to The Lane Company, Inc., Altavista, Va. Lock. 2,135,905; Nov. 8.
- Lofstin, Grady A. and L. K., assignors to The Lane Company, Inc., Altavista, Va. Hinge. 2,136,141; Nov. 8.
- Lofstin, Laurence K. (See Lofstin, Grady A. and L. K.)
- Loftis, Homer J., assignor to Henrite Products Corporation, Ironton, Ohio. Resilient mounting for motors and generators. 2,127,979; Aug. 23.
- Loftis, Homer J., assignor to Henrite Products Corporation, Ironton, Ohio. Electrical equipment mounting. 2,136,555; Nov. 15.
- Lofton, Herbert M., and E. E. Cline, assignors to Columbian Iron Works, Chattanooga, Tenn. Hydrant. 2,141,692; Dec. 27.
- Lofton, William M., Jr., Chicora; J. H. Jones and A. K. Pyle, Petrolia; and A. A. Hoffman, Bellevue, assignors to Pennsylvania Coal Products Company, Petrolia, Pa. Method for the purification and separation of aryl sulphonic acids. 2,125,189; July 26.
- Lofton, William M., Jr., Chicora, and S. G. Burroughs, Pittsburgh, assignors to Pennsylvania Coal Products Company, Petrolia, Pa. Producing halogenated phenols. 2,126,648; Aug. 9.
- Loftus, Fred H., Mount Lebanon, Pa. Construction and operation of regenerators. 2,109,542; Mar. 1.
- Loftus, Fred H., Mount Lebanon, Pa. Cleaning checkerwork. 2,136,113; Nov. 8.
- Logan, Donald B., Worcester, assignor to United States Envelope Company, Springfield, Mass. Paper drinking cup. 2,114,395; Apr. 19.
- Logan, Donald G., Shawnee, Okla. Cord reel. 2,133,551; Oct. 18.
- Logan Engineering Co. (See Logan, Henry H., assignor.)



- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,118,440; May 24.
- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,126,790; Aug. 16.
- Logan Gear Company, The. (See Johnson, Alvin L., assignor.)
- Logan Gear Company, The. (See Snell, Samuel A., assignor.)
- Logan Gear Company, The. (See Van Meter, Morton, assignor.)
- Logan, Henry H., Chicago, Ill. Hoist recorder. 2,133,104; Oct. 11.
- Logan, Henry H., assignor to Logan Engineering Co., Chicago, Ill. Separator. 2,127,746; Aug. 23.
- Logan, Henry L. (See Rolph, T. W., and Logan.)
- Logan, John Ogden, Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Chlorine dioxide. 2,131,447; Sept. 27.
- Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. High speed brake equipment. 2,109,167; Feb. 22.
- Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control apparatus. 2,121,546; June 21.
- Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Railway vehicle brake control means. 2,137,019; Nov. 15.
- Logan, Joseph A., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Hose pull control for liquid dispensing apparatus. 2,132,535; Oct. 11.
- Logan, Joseph A., and W. H. De Lancey, Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Control mechanism for liquid dispensing apparatus. 2,132,536; Oct. 11.
- Logan, Leo J., et al. (See Eaton, Roland D., assignor.)
- Logan, Leonard A., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Adsorption apparatus. 2,111,218; Mar. 15.
- Logan, Orwell, Berkeley, Calif. Projectile and gun. 2,115,028; Apr. 26.
- Logan, T. T. (See Challis, Gail, assignor.)
- Logemann, Richard T., Chicago, Ill. Facing for retaining structures and forming same. 2,128,681; Aug. 30.
- Logemann, Willy. (See Schoeller, W., Serini, Gehrke, Priewe, Strassberger, and Logemann.)
- Loges, Adolf, assignor to Continental Gummi-Werke A.-G., Hanover, Germany. Conveyer belt. 2,129,853; Sept. 13.
- Loges, Adolf, assignor to Continental Gummi-Werke A. G., Hanover, Germany. Transmission band. 2,141,796; Dec. 27.
- Logue, Leland H., assignor to Denver Patent Company, Denver, Colo. Pulsating jig. 2,122,039; June 28.
- Lohberg, Louis M., Clinton, Iowa, assignor to Undertakers Supply Company, Chicago, Ill. Casket support. 2,124,038; July 19.
- Lohman, Melvin L., Greeley, Colo. Tremulant for stringed musical instruments. 2,136,627; Nov. 15.
- Lohman, Ralph W., South Pasadena, Calif., assignor to Elliott Core Drilling Company. Electrically investigating subterranean strata. 2,114,056; Apr. 12.
- Lohmann, Oscar F., Tenafly, N. J. Marking fabrics. 2,139,835; Dec. 13.
- Lohn, Peter, New York, N. Y. Coin controlled dispensing apparatus. 2,117,437; May 17.
- Lohr, Raymond, Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy television telephone. 2,110,380; Mar. 8.
- Lohr, Raymond, Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy television telephone. 2,110,381; Mar. 8.
- Lohr, Raymond, Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy fire house. 2,135,584; Nov. 8.
- Lohr, Raymond, and E. Baxter, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Eccentric running toy vehicle. 2,124,302; July 19.
- Lohrman, Robert F., St. Charles, assignor to St. Louis Car Company, St. Louis, Mo. Sliding door. 2,114,743; Apr. 19.
- Lohrman, Thomas P., San Francisco, Calif. Window construction for vehicle bodies. 2,114,538; Apr. 19.
- Lohrman, Thomas P., San Francisco, Calif. Vehicle top. 2,141,842; Dec. 27.
- Lohse, Frederick W., Attleboro, assignor to T. J. Holmes Company, Inc., Norton, Mass. Liquid sprayer. 2,119,884; June 7.
- Lohse, Wilhelm, Gladbach Rheydt, Germany. Intermediate web stop motion for looms with feeder and lifter. 2,123,472; July 12.
- Lohse, Wilhelm, Gladbach Rheydt, Germany. Remote controlled electrical reversing switch. 2,127,414; Aug. 16.
- Lobbl, Toni, Berlin-Tempelhof, Germany. Device for preventing overflowing, especially designed for funnels. 2,138,929; Dec. 6.
- Lobbl, William F., Cedarburg, Wis. Bed. 2,112,702; Mar. 29.
- Lomas, Hazen G., Detroit, Mich. Dispensing device. 2,106,377; Jan. 25.
- Lomax, Clarence E. (See Crocker, T. F., Saunders, and Lomax.)
- Lomax, Clarence E. (See Martin, T. G., and Lomax.)
- Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telegraph system. 2,106,011; Jan. 18.
- Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,135,822; Nov. 8.
- Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,141,476; Dec. 27.
- Lomax, Clarence E., Oak Park, and J. H. Voss, Downers Grove, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,117,488; May 17.
- Lomax, Clarence E., Oak Park, and J. H. Voss, Downers Grove, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,121,159; June 21.
- Lomax, Clarence E., Oak Park, and J. H. Voss, Downers Grove, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,137,497; Nov. 22.
- Lomax, Frank B., Chicago, Ill. Filtering eggs. 2,107,040; Feb. 1.
- Lomax, Frank B., Chicago, Ill. Filtering eggs. 2,115,728; May 3.
- Lomax, Frank B., Chicago, Ill. Filtering eggs. 2,115,729; May 3.
- Lomax, Frank B., administrator. (See Lomax, William L.)
- Lomax, William L., deceased, by F. B. Lomax, administrator, Chicago, Ill. Treating eggs. 2,115,730; May 3.
- Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Fastener. 2,110,959; Mar. 15.
- Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Clip fastener. 2,115,312; Apr. 26.
- Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,126,482; Aug. 9.
- Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Hammer-driven supporting clip. 2,128,004; Aug. 23.
- Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Hammer-driven supporting device. 2,128,005; Aug. 23.
- Lombard, Herman G., Washington, D. C., assignor to A. E. Tinnerman, Cleveland, Ohio. Securing device. 2,129,949; Sept. 13.
- Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Snap-stud fastening means. 2,137,210; Nov. 15.
- Lombard, Robert H. (See Milligan, L. H., and Lombard.)
- Lombardi Knitting Machine Co. (See Lombardi, Vincent, assignor.)
- Lombardi, Renato, Milan, Italy, assignor to General Electric Company. Electric valve converting system. 2,114,847; Apr. 19.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting machine. 2,124,303; July 19.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting machine. 2,124,304; July 19.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting needle and method of use. 2,124,305; July 19.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting machine. 2,127,224; Aug. 16.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting machine. 2,130,769; Sept. 20.
- Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitted fabric. 2,130,770; Sept. 20.
- Lommel, Wilhelm, Leverkusen-Wiesdorf, and R. Engelhardt, Leverkusen-I. G. Werk, assignors to I. G. Farben Industrie Aktiengesellschaft, Frankfurt on the Main, Germany. Insulating dielectric media. 2,129,146; Sept. 6.
- Lomnes, Bert H., Artna, Alberta, Canada. Binder platform. 2,140,054; Dec. 13.
- London, Aaron, Brooklyn, N. Y. Frozen confection and making same. 2,139,836; Dec. 13.
- London, Bernard, New York, N. Y. Building construction. 2,122,479; July 5.
- London, Daniel D., New York, N. Y. Device for discouraging false alarms. 2,121,206; June 24.
- London Electric Wire Company and Smiths Limited, The. (See Sands, Alexander J., assignor.)
- London, Le Roy P. (See Campbell, D. J., and London.)
- London, Le Roy P. (See Reichert, J. S., Campbell, Hinegardner, and London.)
- Loney, Neil M., Huntington Woods, assignor to General Motors Corp., Detroit, Mich. Loading automobile bodies for shipment. 2,129,950; Sept. 13.
- Loney, Neil M., Huntington Woods, W. E. Van Bar, and O. Ferguson, assignors to General Motors Corporation, Detroit, Mich. Road container. 2,129,951; Sept. 13.
- Long, A. O. (See Lindstrom, Herbert H., assignor.)
- Long, Alfred R., and L. E. Stang, Jr., Beaumont, Tex. Oil and gas well protective device. 2,104,660; Dec. 4.
- Long, Allen T., Petersburg, Va. Bag latch. 2,116,919; May 10.
- Long, Angus S., Cedar Rapids, Iowa. Cleaning device. 2,113,452; Apr. 9.



- Long, Armistead R., Summerlee, assignor to Long Super Mine Car Company, Oak Hill, W. Va. Mine car. 2,135,405; Nov. 1.
- Long, Arthur H., assignor to Dreis & Krump Mfg. Company, Chicago, Ill. Forming press. 2,136,856; Nov. 15.
- Long, Bernard, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Light filter. 2,116,633; May 10.
- Long, Bernard, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Manufacture of electrical resistances. 2,119,680; June 7.
- Long, Bernard, assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Manufacture of multicellular glass. 2,123,536; July 12.
- Long, Bernard, Paris, France, assignor to The American Securit Company, Washington, D. C. Method and apparatus for tempering glass. 2,131,404; Sept. 27.
- Long, Charles A., Jr., Haddon Heights, N. J. Display device. 2,138,348; Nov. 29.
- Long, Edward R., Bethlehem, Pa., assignor to Bethlehem Steel Company. Manufacture of metal products. 2,140,916; Dec. 20.
- Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,108,865; Feb. 22.
- Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,125,938; Aug. 9.
- Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,129,180; Sept. 6.
- Long, Ernest K., Baltimore, Md. Apparatus for predicting air resistance of fibrous articles. 2,104,047; Jan. 4.
- Long, Forrest H., Maricopa County, Ariz. Transparent grave monument. 2,124,143; July 19.
- Long, George, assignor, by mesne assignments, to Franklin Steel Works, Joliet, Ill. Bag opening mechanism. 2,106,463; Jan. 25.
- Long, George, assignor to Franklin Steel Works, Joliet, Ill. Bag closing and fastening mechanism. 2,138,111; Nov. 29.
- Long, George, Joliet, and E. B. Larsen, Chicago, assignors, by mesne assignments, to Franklin Steel Works, Joliet, Ill. Bag filling and closing machine. 2,134,567; Oct. 25.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Machine for forming coin gauges. 2,104,620; Jan. 4.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Coin collection box. 2,109,864; Mar. 1.
- Long, Glen D., Kansas City, Mo. Hand scraper. 2,106,055; Jan. 18.
- Long, Herbert J., assignor to United American Bosch Corporation, Springfield, Mass. Automatic temperature control device. 2,114,666; Apr. 19.
- Long, Herbert J., assignor to United American Bosch Corporation, Springfield, Mass. Gas pilot valve. 2,114,849; Apr. 19.
- Long, Herbert J., assignor to United American Bosch Corporation, Springfield, Mass. Lighting control for fuel burners. 2,135,585; Nov. 8.
- Long, Herbert J., Springfield, and H. Albrecht, West Springfield, assignors to United American Bosch Corporation, Springfield, Mass. Burner. 2,114,848; Apr. 19.
- Long, James W., and E. R. Wheeler, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph printer. 2,134,722; Nov. 1.
- Long, John R., Washington, Ind. Light valve. 2,111,073; Mar. 15.
- Long, Joseph P., New York, N. Y. Shock absorber attachment for bumpers. 2,128,656; Aug. 30.
- Long, Kenneth E. (See Harshaw, W. J., and Long.)
- Long, Lester. (See McAndrews, F. J., and Long.)
- Long, Paul H. (See Moyer, S. P., and Long.)
- Long, Paul H., assignor to The American Rolling Mill Company, Middletown, Ohio. Wiping device for rolling mill rolls. 2,107,541; Feb. 8.
- Long, Paul H., and T. W. Allsworth, Middletown, Ohio. Sheet handling arrangement. 2,122,430; July 5.
- Long, Robert B., Dayton, Ohio. Fire alarm box. 2,106,849; Feb. 1.
- Long, Sidney L., Minneapolis, Minn. Duel target. 2,133,552; Oct. 18.
- Long Super Mine Car Company. (See Long, Armistead R., assignor.)
- Long, Thomas H., Wakeeney, Kans., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photoelectric machine tool control. 2,125,074; July 26.
- Long, W. E., Company, The. (See Haas, Louis W., assignor.)
- Long, Willard O., Bloomington, Ill. Harrow. 2,133,897; Oct. 18.
- Long, William, Waldo, Wis. Safety device for motor vehicles. 2,134,618; Oct. 25.
- Longarzo, Victor, Lynbrook, assignor to Samuel Hourmouzes, New York, N. Y. Coin slot for coin-controlled machines. 2,116,316; May 3.
- Longenecker, Charles L. and C. F. Ball, Wauwatosa, assignors to Chain Belt Company, Milwaukee, Wis. Charging apparatus for concrete mixers and the like. 2,135,440; Nov. 1.
- Longenecker, Levi S., Pittsburgh, Pa. Furnace arch and refractory block therefor. 2,126,901; Aug. 16.
- Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Surgical hyperextension frame. 2,106,150; Jan. 18.
- Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Surgical leg splint. 2,106,151; Jan. 18.
- Longines-Wittnauer Co. Inc. (See Cohen, Louis, assignor.)
- Longley, James N., Chinley, England, assignor to Ferodo and Asbestos Inc., Ambler, Pa. Friction material and forming same. 2,108,988; Feb. 22.
- Longstreet, Walter H., assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Air inflation and gauge device. 2,112,106; Mar. 22.
- Longstreet, Walter H., assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Pressure fluid gauge. 2,128,619; Aug. 30.
- Longstreet, Willard J., Bayonne, N. J. Football amusement device. 2,125,679; Aug. 2.
- Longtin, William J., assignor to Infant Socks Company, Reading, Pa. Knitting machinery. 2,120,939; June 14.
- Lonskey, John H., assignor to Central Specialty Company, Ypsilanti, Mich. Metal pulley. 2,139,622; Dec. 6.
- Lonskey, John H., assignor to Central Specialty Co., Ypsilanti, Mich. Woodworking machine. 2,140,322; Dec. 13.
- Lonskey, John H., assignor to Central Specialty Co., Ypsilanti, Mich. Woodworking machine. 2,140,323; Dec. 13.
- Loomis, Albert G., and H. T. Byck, Berkeley, and J. F. Fidiam, Jr., assignors to Shell Development Company, San Francisco, Calif. Treating wells. 2,124,530; July 26.
- Loomis, Allen, assignor to C. G. Conn., Ltd., Elkhart, Ind. Wood-wind instrument. 2,133,624; Oct. 18.
- Loomis, Allen, assignor to C. G. Conn., Ltd., Elkhart, Ind. Wood-wind instrument. 2,133,625; Oct. 18.
- Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Hand trap. 2,122,984; July 5.
- Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,125,350; Aug. 2.
- Loomis, Fred J., Haddonfield, N. J., and E. W. Reynolds, Drexel Hill, Pa., assignors to Radio Corporation of America. Soundhead. 2,109,451; Mar. 1.
- Loop, Joseph N., Washington, D. C. Convertible duplex simplex printing telegraph system. 2,120,254; June 14.
- Loop, Joseph N., Washington, D. C. Apparatus for printing characters. 2,129,065; Sept. 6.
- Looper, Glenn, Dalton, Ga. Tufting machine. 2,123,114; July 5.
- Loos, Arno, Cologne, Germany. Package. 2,112,170; Mar. 22.
- Loose, Kenneth D., Bronxville, N. Y., and C. W. Watkins, and J. W. Green, Dayton, Ohio, assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y. Baked article. 2,121,128; June 21.
- Loose, Kenneth D., Bronxville, N. Y., and C. W. Watkins, and J. W. Green, Dayton, Ohio, assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y. Dough preparing machine. 2,123,703; July 12.
- Loose, Kenneth D., Bronxville, N. Y., and C. W. Watkins, and J. W. Green, Dayton, Ohio, assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y. Dough lapping machine. 2,130,097; Sept. 13.
- Loose-Wiles Biscuit Company. (See Darragh, John K., assignor.)
- Loose-Wiles Biscuit Company. (See Loose, K. D., Watkins, and Green, assignors.)
- Loosli, Dimond H., Ashton, Idaho. Surveying and leveling instrument. 2,113,893; Apr. 12.
- Loosli, Eugene, Sidney, N. Y. Cattle gun. 2,106,103; Jan. 18.
- Lopez, David C., Chicago, Ill. Slicing and dispensing device. 2,122,947; July 5.
- Lopez, Domingo, Charleston, W. Va., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Eliminating iron and other impurities from caustic soda. 2,112,813; Mar. 29.
- Lora, Luis A., Brooklyn, assignor to Radio Patents Corporation, New York, N. Y. Television device. 2,108,132; Feb. 15.
- Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Preparation of cellulose ethers. 2,110,526; Mar. 8.
- Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Preparation of aralkyl ethers of cellulose. 2,119,171; May 31.
- Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Preparation of cellulose ethers. 2,130,998; Sept. 20.
- Lorange, Otto H., Columbiana, Ohio, assignor to United States Vanadium Corporation. Aluminothermic smelting. 2,142,031; Dec. 27.
- L'Orange, Prosper, Stuttgart-Feuerbach, Germany. Internal combustion engine. 2,106,914; Feb. 1.
- L'Orange, Prosper, Stuttgart-Feuerbach, Germany. Internal combustion engine. 2,126,483; Aug. 9.
- L'Orange, Rudolf, Stuttgart-Feuerbach, Germany. Fuel injection pump. 2,131,228; Sept. 27.
- Lorbeski, John L., Minneapolis, Minn. Vehicle. 2,135,347; Nov. 1.
- Lorbeske, Carl, Seattle, Wash. Porth light and number display. 2,118,469; May 24.



- Lord, Chester A., assignor to Universal Form Clamp Co., Chicago, Ill. Continuous stirrup for concrete construction work. 2,122,985; July 5.
- Lord, Chester A., assignor to Universal Form Clamp Co., Chicago, Ill. Wall tie. 2,128,308; Aug. 30.
- Lord, Chester A., assignor to Universal Form Clamp Co., Chicago, Ill. Dowel support for concrete pavement expansion joints. 2,133,553; Oct. 18.
- Lord, Geoffrey, and G. Reeves, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of amino derivatives of anthraquinone. 2,128,307; Aug. 30.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,120,564; June 14.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Heavy alternating-current measurement. 2,132,267; Oct. 4.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric valve translating circuit. 2,141,922; Dec. 27.
- Lord, Harold W., and T. M. Dickinson, Schenectady, N. Y., assignors to General Electric Company. Electric valve circuit. 2,120,565; June 14.
- Lord, Hugh C., Erie, Pa. Rail car. 2,141,956; Dec. 27.
- Lorentz, Jacobine, née Göhring, executrix. (See Lorentz, Valentin.)
- Lorentz, Valentin, Dolzschen, near Dresden, assignor to "Beco" Maschinenfabrik G. m. b. H., Dresden, Germany. Tobacco cutting device. 2,121,879; June 28.
- Lorentz, Valentin, deceased, Dolzschen, near Dresden; J. Lorentz, née Göhring, executrix, assignor, by mesne assignments, to Beco Maschinenfabrik G. m. b. H., Dresden, Germany. Device for feeding tobacco leaves to cutting machines. 2,140,637; Dec. 20.
- Lorentzen, Hans K. (See Waltzingier, August F., assignor.)
- Lorentzen, Hans K., Montclair, N. J. Venetian blind tilter. 2,110,710; Mar. 8.
- Lorentzen, Hans K., Montclair, N. J. Venetian blind construction. 2,114,057; Apr. 12.
- Lorentzen, Hans K., Montclair, N. J. Tilt bar structure for Venetian blinds. 2,120,284; June 14.
- Lorentzen, Hans K., Montclair, N. J. Venetian blind structure. 2,127,125; Aug. 16.
- Lorenz, Anton. (See Stam, Mart, assignor.)
- Lorenz, Anton, and A. Gaal, Berlin, Germany. Furniture support. 2,135,586; Nov. 8.
- Lorenz, C., A. G. (See Weber, Karl, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Begun, Semi, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Eulenhöfer, Adolf, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Gaebel, Alfred, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Johannson, Helmut, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Kramar, Ernst, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Kramar, E., and Brunswig, assignors.)
- Lorenz C., Aktiengesellschaft. (See Scheppmann, Wilhelm, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Schulze-Herringen, Erich, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Seidelbach, Rudolf, assignor.)
- Lorenz, C., Aktiengesellschaft. (See von Collas, Hans E., assignor.)
- Lorenz, C., Aktiengesellschaft. (See Wehrlin, Hans, assignor.)
- Lorenz, Charles H., New Hartford, assignor to The Arrow Hart & Hegeman Electric Company, Hartford, Conn. Electric circuit controlling apparatus. 2,137,919; Nov. 22.
- Lorenzen, Ben L., assignor of one-half to M. O. McComb, Los Angeles, Calif. Juice extractor. 2,109,048; Feb. 22.
- Lorenzo, Frank, Rochester, N. Y. Fendertool. 2,106,121; Jan. 18.
- Lorig, Clarence H. (See Williams, C. B., and Lorig.)
- Lorig, Clarence H., assignor to The Battelle Memorial Institute, Columbus, Ohio. Cleaning the surface of solid metals. 2,105,439; Jan. 11.
- Lorraine, Richard G. (See Morton, L. W., and Lorraine.)
- Lorraine, Sarah R. (See Young, Fred M., assignor.)
- Los Angeles Steel Casting Company. (See Gilmore, Gordon M., assignor.)
- Lösch, Josef, assignor to Aktiengesellschaft für Stickstoffdünger, Knapsack, near Cologne on the Rhine, Germany. Preparing aluminum salts of lower aliphatic acids. 2,141,477; Dec. 27.
- Lösche, Hanns, Bad Oeynhausen, Germany. Process and apparatus for the continuous production of warm air or gases, for drying and other convenient purposes. 2,139,760; Dec. 13.
- Loseher, Lily, New York, N. Y. Garment. 2,112,036; Mar. 22.
- Loss, Joseph S., Hebron, Ill. Blower structure. 2,133,460; Oct. 18.
- Loth, William A. (See Levy, M. A. E. and Loth.)
- Lothrop, Marcus. (See Price, N. C., and Lothrop.)
- Lothrop, Marcus, Berkeley, Calif. Engine. 2,127,692; Aug. 23.
- Lott, Alex, Orange, Tex. Vegetable washing apparatus. 2,119,170; May 31.
- Lott, William A. (See Christiansen, W. G., and Lott.)
- Lott, William A., Newark, N. J. and W. Braker, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Carbanilic acid derivatives. 2,109,492; Mar. 1.
- Lott, William A., East Orange, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Preparation of divinyl ether. 2,136,387; Nov. 15.
- Lott, William A., East Orange, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Cinnamamids. 2,139,687; Dec. 13.
- Lott, William A., East Orange, N. J., and H. W. Coles, Pittsburgh, Pa., assignors to E. R. Squibb & Sons, New York, N. Y. Derivatives of ac-tetrahydro-beta-naphthylamine. 2,112,899; Apr. 5.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Binder. 2,109,646; Mar. 1.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,119,639; June 7.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,134,230; Oct. 25.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,134,231; Oct. 25.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,134,232; Oct. 25.
- Lottinger, Morris A., Houma, La. Setting whipstocks in wells. 2,136,748; Nov. 15.
- Lotz, Albert, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing selenium rectifiers. 2,121,603; June 21.
- Lotz, R. W., et al., trustee. (See Cowles, Irving, assignor.)
- Lotz, Rudolph W. (See Gibson, Milo S., assignor.)
- Lotz, Rudolph W., assignor to Schneider Iron Works, Chicago, Ill. Collapsible sidewalk sign support. 2,107,574; Feb. 8.
- Lotz, Rudolph W., assignor to Nachman-Springfilled Corporation, Chicago, Ill. Chair back construction. 2,127,337; Aug. 16.
- Loucks, George C., and J. R. H. Ward, Milwaukee, Wis. Perforated and embossed shoe part. 2,118,255; May 24.
- Loucks, George C., and J. R. H. Ward, Milwaukee, Wis. Embossing and perforating preformed shoe parts. 2,132,036; Oct. 4.
- Loucks, James E., assignor to M. H. Loucks, Muncy, Pa. Wall construction. 2,134,637; Oct. 25.
- Loucks, Marjorie H. (See Loucks, James E., assignor.)
- Loud, Stanley D. (See Farmer, F. T., and Loud.)
- Louden Machinery Company, The. (See McCain, Philip L., assignor.)
- Loudon, Clifford L. (See Chase, L. H., and Loudon.)
- Louff, Nathan, Silver Spring, Md. Screen process printing. 2,132,635; Oct. 11.
- Lougee, Frederick G., London, England, assignor to R. Hoe & Co., Inc., New York, N. Y. Matrix drying machine. 2,122,800; July 5.
- Loughlin, Norman D., assignor to Rulo Corporation, Los Angeles, Calif. Colloidal carbon injector for internal combustion engines. 2,112,538; Mar. 29.
- Loughlin, William D., Mountain Lakes, and C. J. Franks, Denville, N. J., assignors to Radio Corporation of America. Multirange coupling circuit. 2,122,257; June 28.
- Loughridge, Matthew H., trustee. (See Pick, George, assignor.)
- Loughridge, Matthew H. (See Stuart, R., and Loughridge.)
- Loughridge, Matthew H., Bogota, N. J. Speed control and braking system. 2,119,550; June 7.
- Loughridge, Matthew H., Bogota, N. J. Venturi siphon. 2,131,743; Oct. 4.
- Loughridge, William R., et al., as executors. (See Everett, Edward A.)
- Louis, Edward S., assignor to Besway Manufacturing Company Limited, Stratford, London, England. Convertible dinner wagon and the like. 2,110,466; Mar. 8.
- Louisiana Oil Refining Corporation. (See Cliftonden, Butler P., assignor.)
- Louist, Felix, Hershbruck Heights, N. J., assignor to W. M. Sheffield, New York, N. Y. Mold and making the same. 2,120,697; Sept. 13.
- Louisville Drying Machinery Company. (See Colley, James R., assignor.)
- Louisville Drying Machinery Company. (See Kalkhoff, Charles W., assignor.)
- Louisville Drying Machinery Company. (See Lougee, Adolph W., assignor.)
- Lounsbury, Harvey J., Glen Flynn, assignor to W. H. Miner, Inc., Chicago, Ill. Quick take up mechanism for hand brakes. 2,117,338; May 17.
- Loutin, Charles, Liverpool, England. Game net, canoe shirt, and the like. 2,139,193; Dec. 6.
- Louvanax, Leon L., assignor to Libbey Owens Ford Glass Company, Toledo, Ohio. Cutting table. 2,124,748; June 28.
- Love, Carl P., assignor to California Prune & Apicot Growers' Association, San Jose, Calif. Frosting bags. 2,092,231; Nov. 22.



- Love, Frank E., Oklahoma City, Okla. Bolt loss prevention means. 2,108,316; Feb. 15.
- Love, Frank E., Oklahoma City, Okla. Merchandise mechanical sealing and recording. 2,119,994; June 7.
- Love, James E. (See Hume, H. D., and Love.)
- Love, Lawrence S., Great Neck, N. Y. Starter clutch for internal combustion engines. 2,121,547; June 21.
- Lovejoy, Fred C., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel and its attachment to shoe. 2,121,172; June 21.
- Lovekin, Luther D., Villa Nova, assignor to Kitson Company, Philadelphia, Pa. Temperature limiting device for hot water systems. 2,107,673; Feb. 8.
- Lovelady, Maurice J., Collingswood, N. J., assignor to Radio Corporation of America. Variable ratio arm bridge. 2,135,587; Nov. 8.
- Lovell-Dressel Company. (See Menna, Antonio, assignor.)
- Lovell Manufacturing Company. (See Kauffman, Walter L., II, assignor.)
- Lovequest, George. (See Wohlfeld, Jacob, assignor.)
- Lovering, Everett W. (See Richter, G. A., and Lovering.)
- Lovett, Louis E., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread store device. 2,136,556; Nov. 15.
- Low, Frank K., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,106,356; Jan. 25.
- Low, John J., Los Angeles, Calif., assignor to Kay-Brunner Steel Products Inc. Implement mounting for road working machines. 2,107,123; Feb. 1.
- Low, John J., Los Angeles, Calif., assignor to Kay Brunner Steel Products Inc. Roadway excavating machine. 2,126,791; Aug. 16.
- Low, Marshall, Washington, D. C. Method of and apparatus for shaping plastic materials. 2,108,070; Feb. 15.
- Low, Marshall, Washington, D. C. Method of and apparatus for shaping plastic materials. 2,108,071; Feb. 15.
- Low, Marshall, Washington, D. C. Method of and apparatus for shaping metal delivered in a molten condition. 2,108,752; Feb. 15.
- Low, Marshall, Washington, D. C. Method of and apparatus for shaping metal delivered in a molten condition. 2,108,753; Feb. 15.
- Lowe, Carl E., assignor to Self-Locking Carton Co., Chicago, Ill. Cellular carton. 2,113,622; Apr. 12.
- Lowe, Charles B., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Switch lock. 2,118,012; May 17.
- Lowe, Charles B., and K. A. Brauning, assignors to The Yale & Towne Mfg. Co., Stamford, Conn. Lock. 2,111,511; Mar. 15.
- Lowe, George W., Los Angeles, Calif. Truss. 2,137,578; Nov. 22.
- Lowe, Joe, Corporation. (See Eddy, Robert F., assignor.)
- Lowe, Joe, Corporation. (See Schlichter, Arthur I., assignor.)
- Lowe, Joe, Corporation. (See Taylor, Andrew, assignor.)
- Lowe, Joe, Corporation. (See Thomas, Norman M., assignor.)
- Lowe, Joe, Corporation. (See Thomas, N. M., and Taylor, assignors.)
- Lowe, Rudy. (See Corydon, J., Jr., and Lowe.)
- Lowe, William, Ansonia, Conn., assignor to Anaconda Wire and Cable Company, New York, N. Y. Method and machine for making hollow conductors. 2,136,388; Nov. 15.
- Loweke, Erwin F., assignor to Hydraulic Brake Company Detroit, Mich. Brake. 2,134,791; Nov. 1.
- Loweke, Erwin F., and H. C. Swift, assignors to Hydraulic Brake Company, Detroit, Mich. Ironing machine. 2,123,368; July 12.
- Lowell, Percival D., Chevy Chase, Md. Transmission system. 2,111,567; Mar. 22.
- Lowell, Percival D., Chevy Chase, Md., assignor to Radio Corporation of America, New York, N. Y. Radio telegraph receiving system. 2,131,109; Sept. 27.
- Lowen, Bert, assignor to Gordonian Printing Co., Inc., New York, N. Y. Advertising insert. 2,131,448; Sept. 27.
- Lowenfels, Albert, White Plains, N. Y. Packing butter. 2,115,977; May 3.
- Lower, Donald E., Aspers, Pa. Making vitrified products. 2,138,870; Dec. 6.
- Lower, Melvin S. (See Baughman, H. S., and Lower.)
- Lower, Melvin S., Wadsworth, assignor to The Sun Rubber Company, Barberton, Ohio. Doll construction. 2,118,677; May 24.
- Lower, Nathan M., Tuckahoe, assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Fuel distributing apparatus. 2,104,706; Jan. 4.
- Lowey, Roy E., assignor to Container Corporation of America, Chicago, Ill. Carton. 2,122,480; July 5.
- Lowey, Roy E., assignor to Container Corporation of America, Chicago, Ill. Container. 2,122,885; July 5.
- Lowey, Roy E., Evanston, assignor to Horder's Incorporated, Chicago, Ill. Box for pencils and the like. 2,133,710; Oct. 18.
- Löwit & Comp. (See Quittner, Heinrich, assignor.)
- Lowkrantz, Gunne, Endicott, assignor to International Business Machines Corporation, New York, N. Y. Time delay device. 2,120,787; June 14.
- Lowman Folding Box Corporation. (See Friedel, Arthur C., assignor.)
- Lowrey, George A. (See Hall, W. F., and Lowrey.)
- Lowrey, George A., assignor to Hall and Lowrey, Incorporated, Goose Creek, Tex. Pipe cutting apparatus. 2,110,913; Mar. 15.
- Lowry, Betha M., et al. (See Lowry, George A., assignor.)
- Lowry, Edward N., Syracuse, assignor to Oswego Falls Corporation, Fulton, N. Y. Machine for assembling knock-down container. 2,113,699; Apr. 12.
- Lowry, Edward N., assignor, by mesne assignments, to W. L. Broad, Syracuse, N. Y. Bottle capping machine. 2,118,710; May 24.
- Lowry, Erwin F. (See Knowles, D. D., and Lowry.)
- Lowry, Erwin F., Batavia, Ill., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gaseous discharge tube. 2,114,885; Apr. 19.
- Lowry, Erwin F., Batavia, Ill., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,128,051; Aug. 23.
- Lowry, Erwin F., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Alloy. 2,121,759; June 21.
- Lowry, Erwin F., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hot cathode tube with metal envelope. 2,121,761; June 21.
- Lowry, Erwin F., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermionic cathode. 2,140,367; Dec. 13.
- Lowry, Erwin F., Batavia, Ill., and H. Diamond, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,121,760; June 21.
- Lowry, George A., New York, N. Y., assignor of one-half to M. H. Ittner, Jersey City, N. J., and one-half to B. M. Lowry, New York, N. Y. Method of and apparatus for threshing and decorticating plant stalks. 2,130,352; Sept. 20.
- Lowry, George A., New York, N. Y., assignor of one-half to M. H. Ittner, Jersey City, N. J., and one-half to B. M. Lowry, New York, N. Y. Method of and apparatus for paralleling straw, fibers, and other elongated members. 2,130,353; Sept. 20.
- Lowther, Wilfred W., assignor to Donaldson Company, Inc., St. Paul, Minn. Crankcase ventilating system. 2,120,050; June 7.
- Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Air cleaner. 2,130,142; Sept. 13.
- Lowy, Arthur, Newark, N. J., assignor to New York Engineering Company, New York, N. Y. Suction elevator. 2,106,183; Jan. 25.
- Lowy, Leo, Brooklyn, N. Y. Calendar writing instrument. 2,122,431; July 5.
- Loy, Lee C., Tyler, Tex. Changeable sign. 2,125,576; Aug. 2.
- Lozier, Matthew, Brooklyn, and C. H. Frost, Union, assignors to Cook Laboratories, Inc., New York, N. Y. Multiple compartment ampule and hypodermic syringe. 2,115,731; May 3.
- Lozon, Carl F., Massillon, Ohio. Carbonating and dispensing receptacle for liquids. 2,105,487; Jan. 18.
- Lubbers & Bell Manufacturing Company. (See Bell, Charles L., assignor.)
- Lubin, Isador, Brooklyn, N. Y. Bascule bridge and equipment. 2,109,797; Mar. 1.
- Lubins, Lynn J., St. Paul, Minn. Mowing apparatus. 2,122,692; July 5.
- Lubow, George M., New York, assignor of one-half to J. H. Feinberg, Flushing, N. Y. Overflow safety device. 2,133,355; Oct. 18.
- Lubrication Corporation, The. (See Bock, Clarence H., assignor.)
- Lubrication Corporation, The. (See Clark, Otto B., assignor.)
- Lubrication Corporation, The. (See Creveling, John L., assignor.)
- Lubrication Corporation, The. (See Dodge, Adiel Y., assignor.)
- Lubrication Corporation, The. (See Linton, Merwyn B., assignor.)
- Lubrication Corporation, The. (See Taylor, George O., assignor.)
- Lubrication Corporation, The. (See Tear, Harry R., assignor.)
- Lubrication Corporation, The. (See Tear, H. R., and Clark, assignors.)
- Lubrication Corporation, The. (See Tear, H. R., and Squier, assignors.)
- Lubrix Products, Inc. (See Anderson, Hugo J., assignor.)
- Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Henriksen, assignors.)
- Lubri-Zol Development Corporation, The. (See Lincoln, B. H., Steiner, and Henriksen, assignors.)
- Lubri-Zol Development Corporation, The. (See Prutton, Carl F., assignor.)
- Lubri-Zol Development Corporation, The. (See Prutton, C. F., and Smith, assignors.)
- Lubri-Zol Development Corporation, The. (See Valentine, Jerome, assignor.)
- Lubs, Herbert A. (See Barnhart, G., and Lubs.)



- Lucas, George, Euclid, Ohio, assignor to General Electric Company. Cemented carbide composition. 2,133,867; Oct. 18.
- Lucas, Harry W., Brockton, Mass., assignor to Vulcan Corporation, Portsmouth, Ohio. Remodeling shoe lasts. 2,113,661; Apr. 12.
- Lucas, Joseph, Limited. (See Spencer, George D., assignor.)
- Lucas, Joseph, Limited. (See Swift, W., and Perkins, assignors.)
- Lucas, Leroy E. (See Fisk, L. E., and Lucas.)
- Lucas, Paul J., Shamokin, Pa. Oil filter. 2,140,388; Dec. 13.
- Lucas, Samuel M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Transformer. 2,136,798; Nov. 15.
- Luce, Milton A., San Francisco, Calif. Motor-rail vehicle. 2,116,525; May 10.
- Luce, Richard W., Westfield, assignor to American Gas-accumulator Company, Elizabeth, N. J. Self-focusing reflector device. 2,120,524; June 14.
- Luce, Richard W., Westfield, N. J., assignor to Signal Service Corporation. Reflecting unit. 2,129,017; Sept. 6.
- Luce, Wilhelm, Hofheim-in-Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Nitro-derivatives of 2-hydroxynaphthalene-3-carboxylic acid and preparing them. 2,110,629; Mar. 8.
- Lucht, Victor F., Aberdeen, Md., and E. C. Goebert, Philadelphia, Pa. Loader for guns. 2,112,853; Apr. 5.
- Lucht, Victor F., Aberdeen, Md., and E. C. Goebert, U. S. Army, Philadelphia, Pa. Gun carriage. 2,116,526; May 10.
- Luch, Warner S. (See Thomsen, W. A. V., Gross, and Luch.)
- Lucia, Louis V. (See Gray, R. L., and Lucia.)
- Lucia, Louis V., West Hartford, Conn., assignor to Lucup Corporation. Machine for and method of making paper cups. 2,110,770; Mar. 8.
- Lucia, Louis V., West Hartford, Conn., assignor to Lucup Corporation. Paper drinking cup. 2,131,003; Sept. 20.
- Lucian, Arsene N., Philadelphia, Pa., assignor to Heatless Light Corporation, New York, N. Y. Luminescent device. 2,112,854; Apr. 5.
- Lucidol Corporation. (See Visser't Hooft, Franciscus, assignor.)
- Lucier, Theopheiles D., Detroit, Mich. Foundry ladle. 2,113,894; Apr. 12.
- Luck, David G. C. (See Brown, G. H., and Luck.)
- Luck, David G. C., Haddon Heights, N. J., assignor to Radio Corporation of America. Frequency or phase modulation. 2,113,214; Apr. 5.
- Luck, David G. C., Woodbury, N. J., assignor to Radio Corporation of America. Volume control system. 2,137,020; Nov. 15.
- Luck, David G. C., Haddon Heights, and L. E. Norton, Collingswood, N. J., assignors to Radio Corporation of America. Apparatus for timing of periodic events. 2,121,359; June 21.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam generator. 2,108,072; Feb. 15.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,112,202; Mar. 22.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Method and apparatus for control of superheat by gas mass flow. 2,131,058; Sept. 27.
- Lückerath, Franz. (See Winter, E., and Lückcrath.)
- Luckey, George P., Lancaster, Pa., and A. Soller, Michigan City, Ind. Indicating instrument. 2,124,072; July 19.
- Luckhaupt, Christopher, Jamaica, N. Y. Hardening cellulose matter and resulting products. 2,112,246; Mar. 29.
- Lucking, David F., Felixstowe, England, assignor to T. N. Joyce, Dundalk, Md. Means for indicating the height of aircraft, particularly for use when the aircraft is landing. Re. 20,646; Feb. 1.
- Luco Products Corporation. (See Smith, Leonard, assignor.)
- Lucup Corporation. (See Gray, R. L., and Lucia, assignors.)
- Lucup Corporation. (See Lucia, Louis V., assignor.)
- Luders, Alfred E., Jr., Stamford, Conn. Mounting for onboard motors. 2,119,281; May 31.
- Ludewig, Richard, Leipzig, Germany. Cross folding machine. 2,106,953; Feb. 1.
- Ludl, Ernst, Solothurn, and J. Burger, Zurich, Switzerland; said Ludl assignor to said Burger. Raking device for furnace grates. 2,110,804; Mar. 8.
- Ludington, Nelson A., New Haven, Conn. Transportation means. Re. 20,760; June 14.
- Ludington, Nelson A., New Haven, Conn. Transportation means. 2,117,067; May 10.
- Ludington, Nelson A., New Haven, Conn. Transportation means. 2,117,068; May 10.
- Ludke, Ray, Coplay, Pa. Foundation fastener and de-capping tool. 2,108,751; Feb. 15.
- Ludlow, Edmund. (See Nohlt, Q. G., and Ludlow.)
- Ludlow, Edmund, assignor to Nohlt Sparks Industries, Inc., Columbus, Ind. Muffler. 2,138,177; Nov. 29.
- Ludlum Steel Co. (See Breder, Walter R., assignor.)
- Ludowici-Celadon Company. (See McGee, Charles L., assignor.)
- Ludwick, Herbert V., Dearborn, Mich. Safety attachment for truck wheels. 2,104,565; Jan. 4.
- Ludwig, Frank G., Lockport, Ill. Window structure. 2,106,251; Jan. 25.
- Ludwig, John, Detroit, Mich. Hinge. 2,122,528; July 5.
- Ludwig, John, Detroit, Mich. Hinge. 2,133,554; Oct. 18.
- Ludwig, John E., Detroit, Mich., assignor to De Vibliss Company, Inc., Toledo, Ohio. Spray booth. 2,119,282; May 31.
- Ludwig, John E., assignor to Newcomb David Company, Inc., Detroit, Mich. Spray booth. 2,132,826; Oct. 11.
- Ludwig, Leon R. (See Slepian, J., and Ludwig.)
- Ludwig, Leon R., Wilkinsburg, W. G. Roman, Forest Hills, F. B. Johnson, Murraysville, and W. E. Berkey, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lightning arrester. 2,135,085; Nov. 1.
- Ludwig, Louis, Brooklyn, N. Y. Electric switch mechanism. 2,115,272; Apr. 26.
- Ludwig, Marvin L., Dola, Ohio. Corn shocker attachment for binders. 2,137,943; Nov. 22.
- Ludwig Mfg. Co. Inc. (See Dahnert, Theodore C., assignor.)
- Ludwig, Sidney. (See Davis, Jack I., assignor.)
- Ludwig, Willy. (See Bockmühl, M., Ludwig, and von Mytzenbecher.)
- Ludwig, Willy. (See Lautenschläger, C. L., and Ludwig.)
- Ludwig, Willy. (See Lautenschläger, C. L., Ludwig, and von Mutzenbecher.)
- Luecke, William G., Chicago, Ill. Garment hanger. 2,123,369; July 12.
- Lueckel, William J., assignor to Dunning Lueckel Engineering Company, New York, N. Y. Conveyor system. 2,130,323; Sept. 13.
- Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Intaglio printing press. 2,129,698; Sept. 13.
- Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Intaglio printing press. 2,129,699; Sept. 13.
- Luellen, Lloyd, Huntington, Ind., assignor to Deere & Company, Moline, Ill. Straw spreader attachment. 2,126,121; Aug. 9.
- Luertzing, Walter O., assignor to Ace Glass Incorporated, Vineland, N. J. Glass filter. 2,136,170; Nov. 8.
- Luery, Michael, assignor to American Rock Wool Corporation, Wabash, Ind. Bat package. 2,127,646; Aug. 23.
- Luery, Michael, Wabash, Ind., and E. Beler, Chicago, Ill. Assignors, by mesne assignments, to Wilson Sporting Goods Company. Athletic pants. 2,135,213; Nov. 1.
- Luethke, John, Guttenberg, N. J. Metallic window frame. 2,122,151; June 28.
- Luff, Henry J. (See Seestadt, L. L., Ridge, and Luff.)
- Lufkin Foundry & Machine Company. (See Trout, Walter C., assignor.)
- Lufkin Rule Company, The. (See Witchger, Eugene J., assignor.)
- Luft, Fritz. (See Eggert, J., and Luft.)
- Lug-Lox Flooring Company. (See Cherry, Frank W., assignor.)
- Luhman, Richard C. (See Godehaux, L. G., Dietz, and McElroy, assignors.)
- Luhn, Hans P., New York, N. Y. Apparatus for determining and indicating variations in thickness of thread or the like. 2,122,152; June 28.
- Luhn, Hans P., North Tarrytown, N. Y. Miniature structure and blank therefor. 2,141,399; Dec. 27.
- Luhn, Hans P., New York, N. Y., assignor to Improved Products and Machinery Co. Inc. Method and apparatus for eliminating sinker lines and the like in hosiery. 2,140,936; Dec. 20.
- Luhn, Hans P., assignor to Improved Products & Machinery Company, Inc., New York, N. Y. Knitted fabric. 2,140,937; Dec. 20.
- Lühn, Oskar, Roddeheim, near Frankfurt on the Main, Germany. Electromagnetic relay. 2,111,246; Mar. 15.
- Lühn, Oskar, Roddeheim, near Frankfurt on the Main, Germany. Electromagnetic relay. 2,115,865; May 3.
- Luhnaw, Harold W. (See McGhee, W. L., and Luhnaw.)
- Luhrman, Albert H., Cincinnati, Ohio. Battery grid casting machine. 2,107,041; Feb. 1.
- Lui, Sik Keng, San Francisco, Calif. Perfume dispenser. 2,113,818; Apr. 12.
- Lukacz, Michael, Jr. (See McChesney, C. S., and Lukacz.)
- Luke, Leo C., assignor to International Door Company, Evansville, Ind. Slot closer. 2,108,720; Feb. 15.
- Lukens, Hiram S., Philadelphia, Pa., assignor to C. Howard and Hunt Pen Company, Camden, N. J. Gold plating chromium alloy steels. 2,132,995; Oct. 25.
- Lulek, Ralph N. (See Wuerz, A. J., and Lulek.)
- Lulek, Ralph N., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series. 2,144,641; Oct. 23.
- Lulek, Ralph N., Milwaukee, and C. F. Blicher, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the alizarine indigo type. 2,113,236; Apr. 5.
- Lulek, Ralph N., Milwaukee, and C. F. Blicher, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,144,642; Oct. 23.



- Lulek, Ralph N., Milwaukee, and E. E. Beard, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the pyrazolanthrone series. 2,141,872; Dec. 27.
- Lull, Le Grand H., Minneapolis, Minn. Levelizer for road maintaining apparatus. 2,108,541; Feb. 15.
- Lum, George K., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Support for base plates. 2,137,021; Nov. 15.
- Lum, James H., Dayton, Ohio, assignor to Stonega Coke and Coal Company, Incorporated, Philadelphia, Pa. Carbonaceous fuel and preparing the same. 2,110,370; Mar. 8.
- Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Control mechanism. 2,111,431; Mar. 15.
- Lum, Walter O., West Caldwell, N. J., assignor to General Electric Company. Hot water heating control device. 2,121,639; June 21.
- Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Zone heating. 2,140,389; Dec. 13.
- Lumasnyne, Inc. (See Wilson, George R., assignor.)
- Lumbard, Henry G., Auburn, Maine. Cushion sole shoe. 2,117,183; May 10.
- Lumiere, Henri, Lyon, France. Supporting surface of airplanes and the like aircraft. 2,120,760; June 14.
- Lumiere, Louis, Heully-sur-Seine, France. Colored screen for stereoscopic projections. 2,136,303; Nov. 8.
- Luminor Electric Company. (See Wojtkowiak, Hans, assignor.)
- Lummus Company, The. (See Arroyo, Rafael, assignor.)
- Lummus Company, The. (See Bockeler, Benjamin C., assignor.)
- Lummus Cotton Gin Co. (See McLemore, Robert E., assignor.)
- Lummus Cotton Gin Company, The. (See Muirhead, Alfred R., assignor.)
- Lumpkin, Ray E., San Antonio, Tex., assignor to L. W. Fowler. Dish. 2,128,371; Aug. 30.
- Lumry, Carl C., assignor to Mount Arbor Nurseries, Shenandoah, Iowa. Display case. 2,106,487; Jan. 25.
- Lumsden, Colin H. (See Davidson, A., and Lumsden.)
- Lumsden, Colin H. (See Lodge, F., and Lumsden.)
- Lumsden, David, Siketon, Mo. Burner wick and holder. 2,119,820; June 7.
- Lunas, Lawrence J., Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,130,852; Sept. 20.
- Lund, Henry H. B., Welwyn Garden City, England. Apparatus for the germination of seeds and the growth of seedlings. 2,141,478; Dec. 27.
- Lund, John, Limited. (See Scaife, Joseph D., assignor.)
- Lund, Nels B. (See Fischer, A. J., and Lund.)
- Lund, Nels B., Seaford, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation tank. 2,134,524; Oct. 25.
- Lund, William E. (See Westby, S. O., and Lund.)
- Lunda, Edward C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Ash remover. 2,112,420; Mar. 29.
- Lundberg, Everett E., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,116,313; May 3.
- Lundberg, Everett E., assignor to Briggs Manufacturing Company, Detroit, Mich. Fastener device. 2,137,653; Nov. 22.
- Lundberg, Everett E., C. B. Doty, and E. R. Hathaway, assignors to Briggs Manufacturing Company, Detroit, Mich. Fastener device. 2,137,652; Nov. 22.
- Lundberg, Hans T. F. (See Zuschlag, Theodor, assignor.)
- Lundberg, Nels S., and C. B. De Vlieg, Jackson, Mich., assignors, by mesne assignments, to The Bullard Company, Bridgeport, Conn. Milling machine. 2,141,191; Dec. 27.
- Lundbye, Axel E., assignor to The Foote Company, Inc., Nunda, N. Y. Concrete paver. 2,117,184; May 10.
- Lundeen, Carl V., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,132,242; Oct. 4.
- Lundeen, Chester A., assignor to Byron-Jackson Co., Los Angeles, Calif. Slip elevator. 2,109,493; Mar. 1.
- Lundeen, Ernest F., assignor to The American Rolling Mill Company, Middletown, Ohio. Making corrugated metal culverts. 2,124,882; July 26.
- Lundell, Alvin C., Minneapolis, Minn. Propeller and rudder guard for outboard motors. 2,136,628; Nov. 15.
- Lundell, Alvin O., assignor to The Allbright-Neill Co., Chicago, Ill. Apparatus for use in cooling offal. 2,119,640; June 7.
- Lundell, Otto, et al. (See Graves, Grover C., assignor.)
- Lundell, Torsten A., Appelviken, Sweden. Electric signaling system. 2,122,102; June 28.
- Lundgren, Gustav C. (See Jwanouskos, J. J., Jr., Lundgren, and Swan.)
- Lundgren, Jacob, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Balancing apparatus. 2,122,391; June 28.
- Lundholm, Carl H. (See Kuhlemann, S. O. C., and Lundholm.)
- Lundholm, Carl H., Aktiebolag. (See Kuhlemann, Stig O. C., assignor.)
- Lundholm, Carl H., Aktiebolag. (See Kuhlemann, S. O. C., and Lundholm, assignors.)
- Lundholm, Ragnar O., Djursholms Ekeby, and H. Spanne, Sundbyberg, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Alternating current power circuit. 2,137,579; Nov. 22.
- Lundie Engineering Corporation, The. (See Armstrong, Levi B., assignor.)
- Lundquist, Hans, Chicago, Ill., assignor of one-half to F. L. Maytag, Newton, Iowa. Condensing and refining exhaust gases from an internal combustion engine for re-use therein. 2,115,228; Apr. 26.
- Lundstrom, Carl T., and E. A. McLaughlin, Terre Haute, Ind. Display rack. 2,134,638; Oct. 25.
- Lundstrom, Hans, assignor of two-thirds to I. Lundstrom, and one-third to J. Magidson and P. B. Magidson, all of St. Louis, Mo. Excavator. 2,107,895; Feb. 8.
- Lundstrom, Ida, et al. (See Lundstrom, Hans, assignor.)
- Lundt, Ernest C., Bloomfield, N. J., assignor, by mesne assignments, to American Radiator Company, New York, N. Y. Heating furnace. 2,137,693; Nov. 22.
- Lundteigen, Andrew, Jr. (See Frolich, A. K., and Lundteigen.)
- Lundy, Roy G., St. Louis, Mo. Steam jet. 2,136,304; Nov. 8.
- Lunke, Louis C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,123,588; July 12.
- Lunge, George S., Schenectady, N. Y., assignor to General Electric Company. Speed responsive means. 2,140,390; Dec. 13.
- Lungren, Arthur N., Evanston, assignor to The Wahl Company, Chicago, Ill. Pen. 2,105,049; Jan. 11.
- Lunkenheimer Company, The. (See Bolton, John W., assignor.)
- Lunning, Gaylord, assignor of one-half to B. O. Wangness and A. C. Halls, Garretson, S. Dak. Clutchless high lift plow. 2,113,513; Apr. 5.
- Lunow, Arthur A., Silver Lake, Minn. Cup mouthpiece for brass instruments. 2,104,888; Jan. 4.
- Luongo, Vincent J., Brooklyn, N. Y. Dental tool. 2,106,252; Jan. 25.
- Lupien, Henry B., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Machine for cutting strip material for shoes. 2,134,949; Nov. 1.
- Luppert, Valentine C., Williamsport, Pa. Support for mirrors or the like. 2,139,596; Dec. 6.
- Luque, Eliseo, Ponce, assignor to Luque Sugar Process, Inc., Santurce, P. R. Manufacturing raw sugar. 2,115,029; Apr. 26.
- Luque Sugar Process, Inc. (See Luque, Eliseo, assignor.)
- Lurcott, Winfred N. (See Johnson, I. G., and Lurcott.)
- Lurie, August J., Chicago, Ill. Carton opener. 2,128,151; Aug. 23.
- Lurie, Benjamin S. (See Bigelow, Harry K., assignor.)
- Lurie, Rebecca, Johannesburg, Union of South Africa. Preservation of timber. 2,140,878; Dec. 20.
- Lurmus Company, The. (See Owen, William L., assignor.)
- Lurssen, Herman H., assignor of one-half to M. M. Caplan, Baltimore, Md. Sealed container for bottles. 2,115,494; Apr. 26.
- Lurssen, Herman H., assignor of one-half to M. M. Caplan, Baltimore, Md. Dispensing container. 2,131,518; Sept. 27.
- Luschenowsky, Alexander, Berlin, Germany. Refinement of magnesium and magnesium alloys. 2,106,221; Jan. 25.
- Luschenowsky, Alexander, Berlin, Germany. Making alloys of magnesium and aluminum. 2,112,703; Mar. 29.
- Lusher, Albert C., assignor to Scovill Manufacturing Company, Waterbury, Conn. Connector end cap. 2,128,832; Aug. 30.
- Lusher, Albert C., and D. L. Spender, assignors to Scovill Manufacturing Company, Waterbury, Conn. Hose nozzle. 2,121,741; June 21.
- Lusseyran, Pierre, Paris, France, assignor, by mesne assignments, to Titan Company, Inc., Wilmington, Del. Pigment suspensions and preparing same. 2,130,554; Sept. 20.
- Lussie, William H., West Orange, assignor of one-half to D. Karrakis, East Orange, N. J. Tube extruding die. 2,141,005; Dec. 20.
- Lustberg, Benjamin H., Cedarhurst, N. Y. Seam. 2,115,368; Apr. 26.
- Lustig, Ludwig, Manhasset, N. Y. Power plant. 2,109,237; Feb. 22.
- Lustig, Walter R., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Hinge. 2,112,782; Mar. 29.
- Lustig, Walter R., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Adjustable seat. 2,129,952; Sept. 13.
- Lustre Company, The. (See Sommers, Louis G., assignor.)
- Lutey, William J., Seattle, Wash. Resilient pedal pad. 2,107,486; Feb. 8.
- Lutey, William J., Seattle, Wash. Resilient Safety mat. 2,139,025; Dec. 6.
- Luther, John K., Granger, Wash. Current motor. 2,127,747; Aug. 23.
- Luther, Nellie F., Providence, R. I. Indicating and maintaining a count of stitches in hand knitting. 2,118,210; May 24.



- Lutherer, Otto, assignor to The North American Manufacturing Company, Cleveland, Ohio. Gas burner. 2,117,968; May 17.
- Luthi, Robert, Newark, N. J., assignor to American Can Company, New York, N. Y. Can filling machine. 2,124,581; July 26.
- Lütolf, Otto, St. Gallen, Switzerland. Apparatus for reversing and opening folded sheets. 2,110,805; Mar. 8.
- Lutschg, Arnold, Great Bend, Kans. Aeroplane. 2,112,107; Mar. 22.
- Luttbeg, Max B., St. Louis, Mo. Support for accordions. 2,133,356; Oct. 18.
- Lutton, Harry E., Waynesburg, Pa. Cordless electric sadiron. 2,120,761; June 14.
- Lutz, Alfred, Ravensburg, Germany. Carburetor. 2,119,922; June 7.
- Lutz, Charles F., Milwaukee, Wis. Door checking device. 2,119,589; June 7.
- Lutz, Edward H., Norwood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid congealing apparatus. 2,118,211; May 24.
- Lutz, George. (See Allen, E. R., and Lutz.)
- Lutz, John. (See Rosenberg, F., Evans, and Lutz.)
- Lutz, Otto, Fellbach, near Stuttgart, Germany. Compressor or other engine. 2,127,126; Aug. 16.
- Lutz, Raymond P., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Condenser potting composition. 2,105,087; Jan. 11.
- Lux Clock Manufacturing Company. (See Lux, Frederick, assignor.)
- Lux, Frederick, assignor to Lux Clock Manufacturing, Waterbury, Conn. Interval timer switch. 2,112,654; Mar. 29.
- Lux, Frederick, assignor to Lux Clock Manufacturing Company, Waterbury, Conn. Alarm interval timer. 2,113,274; Apr. 5.
- Lux, Heinz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Double grid electron tube and circuit. 2,115,866; May 3.
- Luz, Christian. (See Leitz, L., and Luz.)
- Luzader, Pearl W. (See Brock, Willie W., assignor.)
- L'Wolfe, Robert, Seattle, Wash. Razor blade scraper. 2,105,960; Jan. 18.
- Lybarger, Samuel F., Pittsburgh, assignor to E. A. Myers & Sons, Mount Lebanon, Pa. Method and apparatus for selecting and prescribing audiphones. 2,112,569; Mar. 29.
- Lybrand, Daniel O., assignor to Washington Institute of Technology, Inc., Washington, D. C. Instrument mounting. 2,139,059; Dec. 6.
- Lycan, William H., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphurized violanthrone derivatives and preparing same. 2,105,978; Jan. 18.
- Lycan, William H., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs and intermediates of the anthraquinone series. 2,111,074; Mar. 15.
- Lyden, Frank J., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Dynamo-electric machine. 2,105,772; Jan. 18.
- Lydiard, Sidney, and E. W. Kress, San Jose, Calif. Weather strip for hinged doors. 2,132,742; Oct. 11.
- Lydon, Patrick J. (See Lydon, Timothy and P. J.)
- Lydon, Timothy, Tenafly, and P. J. Lydon, Jersey City, N. J. Apparatus for humidifying textile yarns. 2,105,088; Jan. 11.
- Lyon, Arthur. (See Dreyfus, C., Platt, and Lyon.)
- Lykken, Henry G., Minneapolis, Minn., and R. L. Sutherland, Winnipeg, Manitoba, Canada; said Sutherland assignor to Northern Coal Products Co., Minneapolis, Minn. Drying material. 2,125,382; Aug. 2.
- Lykos, John, Stockdale, and O. H. Beaumont, North Belle Vernon, Pa. Cigarette holder. 2,113,731; Apr. 12.
- Lykos, John, Stockdale, and O. H. Beaumont, North Belle Vernon, Pa. Cigarette holder. 2,120,705; June 14.
- Lyle, Aaron K. (See Bailey, J., and Lyle.)
- Lyle Culvert & Pipe Company. (See Claybaugh, Howard S., assignor.)
- Lyle, Frederick W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Radio receiver. 2,140,368; Dec. 13.
- Lyle, Georgia, Hockley County, Tex. Button fastener. 2,122,208; June 28.
- Lyle, Jesse L., Danville, Va. Bunch builder and safety latch. 2,146,084; Dec. 13.
- Lyman, Arthur L., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Refining mineral hydrocarbon oils. 2,111,864; Mar. 22.
- Lyman, Arthur L., and M. M. Holm, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Producing motor fuels. 2,135,823; Nov. 8.
- Lyman, Donald F., and J. Stolher, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Warning signal for dissolving shutters. 2,105,250; Jan. 11.
- Lyman, Harold T., Milford Conn., assignor to General Electric Company. Indicating device. 2,130,136; June 7.
- Lyman, Harold T., Milford, Conn., assignor to General Electric Company. Coupling transformer. 2,125,119; July 26.
- Lyman, Kenneth E., Lake Forest, Ill. Automatic clutch. 2,107,075; Feb. 1.
- Lyman, Samuel E., Elizabeth, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Time controlled means for distributing air. 2,104,088; Jan. 4.
- Lyman, Theodore R., assignor of thirty-five per cent to J. J. Wuerthner, Great Falls, Mont. Automatic coupling device. 2,124,467; July 19.
- Lynch, Albert S., Beaver, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Making a tubular product. 2,122,481; July 5.
- Lynch Corporation. (See Bridges, Edward G., assignor.)
- Lynch, Edward J., Detroit, Mich. Tool holder. 2,138,253; Nov. 29.
- Lynch, James T., Tulsa, Okla. Film developing rack. 2,120,706; June 14.
- Lynch, John P., Somerset, Mass. Gripping tool. 2,140,430; Dec. 13.
- Lynch, John W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coffee maker. 2,108,684; Feb. 15.
- Lynch, Joseph J., Upper Montclair, and R. Semke and H. J. Womsey, assignors to Foot Filter, Inc., Jersey City, N. J. Foot deodorant pad. 2,121,604; June 21.
- Lynch, Walton D. (See Ringler, William A., assignor.)
- Lyndon, Lamar. (See McWade, R., Jr., and Lyndon.)
- Lynes, Lionel. (See Mead, A. A., and Lynes.)
- Lyness, Horatio S., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Ornamenting shoes. 2,118,889; May 31.
- Lynn, Ethel P., administratrix. (See Allen, E. M., and Lynn.)
- Lynn, Ewing K., and W. S. Abraham, East McKeesport, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Reservoir release valve. 2,121,548; June 21.
- Lynn, George M. (See Allen, E. M., and Lynn.)
- Lynn, Jesse V., Des Moines, Iowa. Powder or rouge blending and holding container. 2,115,930; May 3.
- Lynn, John P., Chicago, assignor to Dur-O-Lite Pencil Company, Melrose Park, Ill. Mechanical pencil. 2,134,568; Oct. 25.
- Lynn, John P., Chicago, Ill., assignor to Dur-O-Lite Pencil Company. Pencil. 2,137,022; Nov. 15.
- Lynn, Moore, Santa Monica, Calif. Trailer. 2,131,110; Sept. 27.
- Lynskey, John E., Chicago, Ill. Railway brake application. 2,118,316; May 24.
- Lynskey, Joseph M., Riverside, R. I. Apparatus for measuring the volume of liquid in a tank. 2,117,185; May 10.
- Lynton, Edward D., Glendale, and H. N. Herrick, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Determining magnetic polarity. 2,104,752; Jan. 11.
- Lyon, Arthur H., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,108,823; Feb. 22.
- Lyon Cover Company. (See Ferguson, Arthur P., assignor.)
- Lyon, George A. (See Hunt, J. H., and Horn, assignors.)
- Lyon, George A., Allenhurst, N. J. Hub cap for wheels. 2,109,671; Mar. 1.
- Lyon, George A., Allenhurst, N. J. Snap-on ornamental grille guard. 2,131,059; Sept. 27.
- Lyon, George A., Allenhurst, N. J. Wheel construction. 2,135,758; Nov. 8.
- Lyon, George A., Allenhurst, N. J. Bumper. 2,141,718; Dec. 27.
- Lyon, George A., Allenhurst, N. J. Making lumpers. 2,141,719; Dec. 27.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Hinged tire cover for use with fenderwell. 2,107,336; Feb. 8.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Combination tire and wheel hub cover. 2,109,670; Mar. 1.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon, Incorporated, Detroit, Mich. Tire cover assembly. 2,109,672; Mar. 1.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Ornamental fender skirt. 2,118,256; May 24.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Ornamental fender skirt. 2,118,615; May 24.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Ornamental fender skirt. 2,124,799; July 26.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Ornamental fender skirt. 2,129,901; Dec. 13.
- Lyon, George A., Detroit, Mich. Wheel ornamental disk. 2,131,789; July 26.
- Lyon, George A., Detroit, Mich. Wheel disk construction. 2,135,167; Nov. 8.
- Lyon, George A., Detroit, Mich. Ornamental wheel disk. 2,139,969; Feb. 13.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Tire cover. 2,104,255; Jan. 4.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Vehicle luggage and spare tire closure. 2,115,770; May 3.
- Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Tire cover. 2,134,464; Oct. 25.



- Lyon, Harold L., Honolulu, Hawaii. Engine. 2,135,520; Nov. 8.
- Lyon, Incorporated. (See Lyon, George A., assignor.)
- Lyon Incorporated. (See Page, Charles E., assignor.)
- Lyon Metal Products Incorporated. (See O'Connor, John B., assignor.)
- Lyons, Charles E., Brookline, Mass. Newspaper counting apparatus. 2,126,967; Aug. 16.
- Lyons, Clyde O., Des Moines, Iowa. Sled. 2,104,263; Jan. 4.
- Lyons, Daniel A., assignor to Consolidated Steel Corporation, Ltd., Los Angeles, Calif. Bending machine. 2,128,620; Aug. 30.
- Lyons, Delia, Corona, N. Y. Making rolled oats cereal flakes. 2,116,634; May 10.
- Lyons, Harry C., Mount Vernon, N. Y. Invisible suspender. 2,121,251; June 21.
- Lyons, J., & Company Limited. (See Mayne, Douglas, assignor.)
- Lyons, James E., Salem, Oreg. Christmas tree holder. 2,107,638; Feb. 8.
- Lyons, Joseph, assignor to New Era Shirt Company, St. Louis, Mo. Collar. 2,105,668; Jan. 18.
- Lyons, Louis, assignor to one-fourth to C. M. Corbett, Shreveport, La. Air conditioner. 2,117,033; May 10.
- Lyons, Paul M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,108,898; Feb. 22.
- Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass. Processing of calcined pigments. 2,131,841; Oct. 4.
- Lyons, Willard E., assignor to Hendricks Research Corporation, Chicago, Ill. Inhibiting gum formation in stored hydrocarbon motor fuels. 2,119,240; May 31.
- Lysaght, John, Limited. (See Brooke, Joseph B. R., assignor.)
- Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Gas turbine system. 2,115,112; Apr. 26.
- Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Gas turbine system. 2,115,338; Apr. 26.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Hydraulic transmission. 2,117,673; May 17.
- Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Gas turbine system of the continuous combustion type. 2,131,781; Oct. 4.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Hydraulic power drive. 2,140,324; Dec. 13.
- Lysholm, Alf, Stockholm, and G. K. W. Boestad, Lidö, Sweden. Rotary compressor. 2,111,568; Mar. 22.
- Lysholm, Alf and E. L. R., assignors to Aktiebolaget Milo, Stockholm, Sweden. Ignition system. 2,129,472; Sept. 6.
- Lysholm, Alf, and G. Wahlsten, assignors to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Braking. 2,139,090; Dec. 6.
- Lysholm, Erick L. R. (See Lysholm, Alf and E. L. R.)
- Lyska, Joseph, Detroit, Mich. Cuff folding device. 2,108,542; Feb. 15.
- Lysons, Jay W., New York, N. Y. Typesetting device. 2,105,667; Jan. 18.
- Lytle, Arthur R., Niagara Falls, N. Y., assignor, by mesne assignments, to Oxweld Acetylene Company. Copper base alloy and welding rod. 2,112,373; Mar. 29.
- Lytle, Arthur R., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Welding rod. 2,118,678; May 24.
- Lytle, Arthur R., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Welding rod. 2,118,679; May 24.
- Lytle, Arthur R., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Welding flux and welding rod. 2,118,680; May 24.
- Lytle, Harry R., Sacramento, Calif. Cigarette forming device. 2,125,351; Aug. 2.
- Lytle, Leroy H., Alliance, Ohio. Thread protector. 2,121,436; June 21.
- Lytle, Samuel E., Lochmoor, and R. H. Berry, assignors to Hudson Motor Car Company, Detroit, Mich. Internal combustion engine. 2,126,649; Aug. 9.
- Lytle, William O., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass brick wall. 2,110,885; Mar. 15.
- M. & D. Display Mfg. Corporation. (See Mapson, Robert L., assignor.)
- M. & M. Plywood Corporation. (See Cone, Charles N., assignor.)
- Maage, Frederick W., and J. Randrup, Manila, P. I. Seed planter. 2,127,876; Aug. 23.
- Maag-Zahnrad- und-Maschinen A.-G. (See Aepli, Albert, assignor.)
- Maahs, Arthur J., White Plains, assignor to Johns-Manville Corporation, New York, N. Y. Pipe assembly. 2,132,636; Oct. 11.
- Maas, A. R., Chemical Co. (See Bowman, Frederic C., assignor.)
- Maas, Arnold, Berlin-Tegel, Germany, assignor to General Electric Company. Prime mover control mechanism. 2,116,440; May 3.
- Maas, Elov F. (See Urquhart, W. R., and Maas.)
- Maas, Elov F., Cuyahoga Falls, Ohio, assignor to Wing-foot Corporation, Wilmington, Del. Ship fender. 2,105,815; Jan. 18.
- Maas, Elov F., Cuyahoga Falls, Ohio, assignor to Wing-foot Corporation, Wilmington, Del. Cushion wheel. 2,113,379; Apr. 5.
- Maas & Waldstein Co. et al. (See Barsky, G., Klinsenstein, Rohleder, and Silleck, assignors.)
- Maass, Otto, Montreal, Quebec, and R. E. Richardson, Oshawa, Ontario, assignors to The Canadian Pulp and Paper Research Corporation, Montreal, Quebec, Canada. Apparatus for determining the opacity of paper and other materials. 2,125,639; Aug. 2.
- Maatschappij van Berkel's Patent. (See van Berkel, Wilhelmus A., assignor.)
- Mabach, Jean E., New York, and A. F. Driscoll, Middle Village, Long Island, N. Y. Container closure. 2,123,907; July 19.
- Mabee, Alexander C., Villa Park, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Automobile lock structure. 2,135,759; Nov. 8.
- Mabey, Charles W., Lutz, Fla. Rain deflector. 2,134,054; Oct. 25.
- Mabille, Raoul, Brussels, Belgium. Rotary engine. 2,137,172; Nov. 15.
- Mabius, John, Baltimore, Md. Horeshoe. 2,136,215; Nov. 8.
- Mable, James C., Long Beach, Calif. Lawn mower. 2,110,147; Mar. 8.
- Mabon, Carl R., Niagara Falls, N. Y., assignor, by mesne assignments, to Gilman Fanfold Corporation. Automatic record strip controller. 2,110,605; Mar. 8.
- Mabon, Carl R., Niagara Falls, N. Y., assignor, by mesne assignments, to Gilman Fanfold Corporation. Manifold record. 2,115,392; Apr. 26.
- Mabon, Carl R., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Typewriting machine. 2,136,820; Nov. 15.
- Mabry, Forrest S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Radio system of fog landing for airplanes. 2,108,562; Feb. 15.
- Mabry, Forrest S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transmission system. 2,117,895; May 17.
- Macadie, Hugh S., Westminster, London, England. Multi-range electrical measuring instrument. 2,118,933; May 31.
- MacAfee, Merrill W., Berkeley, Calif. Secondary butyl and other dixanthogens. 2,120,285; June 14.
- MacAfee, Merrill W., Berkeley, Calif., assignor to Great Western Electro-Chemical Company. Flotation material. 2,128,570; Aug. 30.
- MacAfee, Merrill W., Los Angeles, Calif. Solvent for use in treatment of ores. 2,129,700; Sept. 13.
- Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of lactic acid. 2,125,383; Aug. 2.
- Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ethynyl carbinols. 2,125,384; Aug. 2.
- Macaluso, Joe, New York, N. Y. Air agitator for bench machine operators. 2,139,761; Dec. 13.
- Macbeth, Colin, Birmingham, England. Automobile chassis. 2,137,848; Nov. 22.
- MacBride, Robert W., Seamill, West Kilbride, Scotland. Rail chair or base plate. 2,127,477; Aug. 16.
- MacCamy, Harry J., assignor to Union Iron Works, Spokane, Wash. Ore separator. 2,104,349; Jan. 4.
- Maccarone, Fred, Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Lasting skeleton insoles. 2,141,998; Dec. 27.
- MacCarthy, Florence B., assignor to A. Payne, Philadelphia, Pa. Making alumina and potassium sulphate. 2,119,551; June 7.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Method of and apparatus for straightening steel strapping. 2,140,533; Dec. 20.
- Macchi, Aldo, Schenectady, N. Y., assignor to General Electric Company. Fuel burning apparatus and air inlet device therefor. 2,111,432; Mar. 15.
- Macchi, Aldo, Belleville, N. J., assignor to General Electric Company. Furnace control system. 2,118,651; May 24.
- MacClatchie, John W., Los Angeles, Calif. Internal combustion engine. 2,132,794; Oct. 11.
- MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blow-out preventer. Re. 20,631; Jan. 18.
- MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Valve. 2,112,592; Mar. 29.
- MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blow-out preventer. 2,129,433; Sept. 6.
- MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blow-out preventer. 2,132,037; Oct. 4.
- MacClatchie, John W., Los Angeles, G. D. Johnson, Compton, and C. A. Thies, Huntington Park, assignors to MacClatchie Manufacturing Company of California, Compton, Calif. Expandible cutter tool. 2,116,903; May 10.
- MacClatchie Manufacturing Company of California. (See Johnson, Glenn D., assignor.)



- MacClatchie Manufacturing Company of California. (See MacClatchie, John W., assignor.)
- MacClatchie Manufacturing Company of California. (See MacClatchie, J. W., Johnson, and Thies, assignors.)
- Macconochie, Arthur F., Charlottesville, Va., assignor to Chambersburg Engineering Company, Chambersburg, Pa. Portable hydraulic riveter. 2,139,639; Dec. 6.
- MacCormack, John G., New York, N. Y. Oil filter. 2,140,020; Dec. 13.
- MacCulloch, Donald G., Hawthorne, N. J., assignor to Wright Aeronautical Corporation. Two-speed supercharger. 2,110,711; Mar. 8.
- MacDee Company. (See McDonald, Herman M., assignor.)
- Macdonald, Aeneas, Evanston, Ill. Liquid fuel burner. 2,140,088; Dec. 13.
- Macdonald, Ainslie, Winnipeg, Manitoba, Canada. Oscalsis support. 2,120,055; June 7.
- Macdonald, Alan J., Vancouver, British Columbia, Canada. Alarm clock. 2,116,247; May 3.
- Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Adhesive and coating composition. 2,105,697; Jan. 18.
- Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Playing ball. 2,105,746; Jan. 18.
- Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Deodorizing polymerized haloprene. 2,107,796; Feb. 8.
- Macdonald, Angus S., Hadlyme, Conn., assignor to Sneed & Company, Jersey City, N. J. Library construction. 2,125,302; Aug. 2.
- MacDonald, Archibald H., assignor to The Coloray Corporation, Detroit, Mich. Color film pack. 2,108,073; Feb. 15.
- MacDonald, Clifford K., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and apparatus for operating on shoes. 2,105,427; Jan. 11.
- MacDonald, Clifford K., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making inner molds for shoes. 2,138,974; Dec. 6.
- MacDonald, Donald R., Leominster, Mass. Method of and apparatus for coating paper. 2,135,406; Nov. 1.
- MacDonald, Edwin C., Randolph, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making casts of feet. 2,119,590; June 7.
- MacDonald, Elizabeth P., and N. W. Stenglein, Saginaw, Mich. Cleaning composition. 2,117,438; May 17.
- MacDonald Engineering Company. (See Clever, Alexander, assignor.)
- Macdonald, Eugene M., Shaker Heights, Ohio. Farebox. 2,119,592; June 7.
- MacDonald, Howard G., Murraysville, and S. H. Boden, Monroeville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,134,569; Oct. 25.
- MacDonald, James K., and Company. (See Woods, James, assignor.)
- Macdonald, John G., Toronto, Ontario, Canada. Electric fan. 20,714; May 3.
- MacDonald, John S., Highland Park, Mich. Motion picture film end clip for reels. 2,128,710; Aug. 30.
- Macdonald, Kenneth W., Watertown, assignor to Oskar W. Wikstrom, Newton, Mass. Handling and collapsing paper boxes. 2,138,766; Nov. 29.
- MacDonald, Lionel H., Kansas City, Mo., assignor of forty-five per cent to H. K. Taylor. Sound absorbing construction. 2,112,631; Mar. 29.
- MacDonald, Raymore D., Western Springs, Ill., assignor to International Harvester Company. Feeder for feed choppers. 2,111,189; Mar. 15.
- MacDonald, Raymore D., Western Springs, Ill., assignor to International Harvester Company. Driving mechanism for ensilage cutters. 2,112,918; Apr. 5.
- MacDonald, Raymore D., Western Springs, Ill., assignor to International Harvester Company. Screen seal for hammer mills. 2,125,352; Aug. 2.
- Macdonald, Robert, Chicago, Ill. Lock and switch device. 2,116,246; May 3.
- Macdonald, Thomas. (See Bonham, James, assignor.)
- Macdonald, William F., assignor, by mesne assignments, to Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Pump sealing means. 2,118,681; May 24.
- Macdonald, William S., West New Brighton, assignor to Lee and Stimons, Incorporated, New York, N. Y. Barge. 2,120,286; June 14.
- MacDonald, William W. (See Cline, C. P., Cooper, and MacDonald.)
- MacDonald, William W., Mountain View, assignor to Max L. Rosenfeld, San Francisco, Calif. Truck. 2,109,177; Feb. 22.
- Mace, Charles E., assignor of one-half to H. S. Vinson, Ottumwa, Iowa. Door latch and lock structure. 2,106,954; Feb. 1.
- MacEachern, Malcolm T. (See Comper, A., and MacEachern.)
- MacEvoy, Warren J., Newark, N. J. Garage door mounting. 2,101,439; Jan. 4.
- MacEwing, Eugene D. (See Holmes, D. H., Burgner, and MacEwing.)
- MacFadden, Glenn E., assignor to Market Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 2,111,411; Dec. 27.
- MacFarland, L. W., et al. (See Murray, Ernest E., assignor.)
- MacFarlane, Harry A., Marinette, Wis. Radio antenna. 2,136,305; Nov. 8.
- Macfarren, Walter W., Los Angeles, Calif. Rotary shear knife. 2,125,939; Aug. 9.
- MacGahan, Paul. (See Young, D. A., and MacGahan.)
- MacGeorge, William D. (See Justice, L., and MacGeorge.)
- MacGeorge, William D., Woodbury, N. J., assignor to Automatic Temperature Control Company, Inc., Philadelphia, Pa. Relay. 2,108,775; Feb. 15.
- MacGrath, Harold F., Chicago, Ill. Refrigerator. 2,124,857; July 26.
- MacGregor, Alpine R., Forest Hills, Pa. Alloy. 2,125,680; Aug. 2.
- MacGregor, Peter G., Pequannock, assignor to Pyrene Manufacturing Company, New York, N. J. Pump. 2,116,684; May 10.
- MacGregor, Stephen H., Washington, D. C. Cooling apparatus. 2,126,792; Aug. 16.
- Machate, Fred, and F. Mason, Lansdale, Pa. Tape dispenser. 2,107,487; Feb. 8.
- Machemer, Jacob, Jackson Heights, N. Y. Nicotine separating cool smoke pipe stem. 2,123,014; July 5.
- Machen, Clifford. (See Hardy, R. D., Machen, and Aram.)
- Machinery Patent and Finance Corporation. (See Macomic, Chester A., assignor.)
- Machlett Laboratories Incorporated. (See Machlett, Raymond R., assignor.)
- Machlett Laboratories Incorporated. (See Skehan, J. W., and Machlett, assignors.)
- Machlett, Raymond R. (See Skehan, J. W., and Machlett.)
- Machlett, Raymond R., Scarsdale, N. Y., assignor to Machlett Laboratories Incorporated, Springdale, Conn. X-ray apparatus. 2,132,174; Oct. 4.
- Machlett, Raymond R., Riverside, assignor to Machlett Laboratories Incorporated, Springdale, Conn. X-ray apparatus. 2,132,175; Oct. 4.
- Machotka, Adolf, Uvalde, Tex. Detachable handle for paper drinking cups. 2,128,466; Aug. 30.
- Machovec, Fred J., Monterey, Calif. Step. 2,122,040; June 28.
- Macht, Maurice L., Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding compositions. 2,109,594; Mar. 1.
- Macht, Maurice L., Jersey City, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of laminated glass. 2,113,764; Apr. 12.
- Macht, Maurice L., Jersey City, and A. F. Randolph, Montclair, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of plastics. 2,109,592; Mar. 1.
- Macht, Maurice L., Jersey City, and D. A. Fletcher, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose acetate molding compositions. 2,109,593; Mar. 1.
- Machts, Ludwig, and B. Rehder, Marburg-on-the-Lahn, Germany. Process and apparatus for the indirect determination of earth and air-electrical conditions. 2,124,825; July 26.
- MacIntire, Walter H., Knoxville, Tenn. Making di-calcium phosphate. 2,108,940; Feb. 22.
- MacIntire, Walter H., Knoxville, Tenn. Removing fluorides from water. 2,126,793; Aug. 16.
- MacIntire, Walter H., Knoxville, Tenn. Making double or treble calcium and magnesium superphosphate. 2,137,674; Nov. 22.
- MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Obtaining magnesium oxide from dolomitic rock. 2,118,353; May 24.
- MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Obtaining MgO and CaO from dolomitic materials. 2,137,675; Nov. 22.
- Macintosh, Harry G., Montclair, N. J. Hat and method of preparing the same. 2,120,005; June 7.
- Macintosh, Richard. (See Rader, Thomas D., assignor.)
- MacIntyre, Hugh F. (See Brooks, H. L., and MacIntyre.)
- MacIntyre, Norman. (See Bell, D. M., and MacIntyre.)
- Mac Iron Parts Company. (See Webb, Wesley D., assignor.)
- Mack, Albert R., Easton, Pa., assignor to Englehart Rand Company, Jersey City, N. J. Rotation mechanism. 2,108,989; Feb. 22.
- Mack Manufacturing Corporation. (See Hansen, Aage C. C., assignor.)
- Mack Manufacturing Corporation. (See Joseph, I. C., Jr., and Heine, assignors.)
- Mack Manufacturing Corporation. (See Kuth, Albert, assignor.)
- Mack Manufacturing Corporation. (See Loeffer, Bruno, assignor.)
- Mack Manufacturing Corporation. (See Sipek, Ralph K., assignor.)
- Mack Molding Company. (See Mackay, Kenneth W., assignor.)
- Mack, Mortimer I., Summit, N. J. Treating cotton cloth. 2,109,295; May 1.
- Mack, Perry L., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Magneto assembly. 2,139,963; Sept. 13.



- Mack, Wayne E., Martins Ferry, Ohio, assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Expanded metal product. 2,141,400; Dec. 27.
- Mackahan, Rufus E., West Hollywood, and M. W. Hard, Los Angeles, Calif. Eyeglass. 2,130,692; Sept. 20.
- Mackay, Charles W., Tulsa, Okla. Well drilling rig. 2,105,091; Jan. 11.
- Mackay, John E., Cleveland, Ohio. Longload signal. 2,130,467; Sept. 20.
- Mackay, John H., Detroit, Mich. Automobile headlining. 2,118,563; May 24.
- Mackay, John R., West Caldwell, assignor to Wallace & Tierman Products, Inc., Belleville, N. J. Communicating system. 2,115,914; May 3.
- Mackay, Malcolm S., Englewood, N. J. Arrangement of instrument dials. 2,112,704; Mar. 29.
- Mackay Radio and Telegraph Company. (See Alford, Andrew, assignor.)
- Mackay, Richard, Jr., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine lubrication. 2,112,172; Mar. 22.
- Mackay, Robert, Chicago, Ill. Device for measuring color and light densities. 2,120,499; June 14.
- Mackenzie, Duncan, Cream Ridge, N. J. Electrical heating element. 2,125,075; July 26.
- Mackenzie, Duncan R., Scarsdale, assignor to Wallerstein Company, Inc., New York, N. Y. Packaging beers and ales. 2,114,964; Apr. 19.
- Mackenzie, Edward B. D., Portland, assignor to Henry Hughes & Son Limited, London, England. Electrochemical recorder. 2,129,776; Sept. 13.
- MacKenzie, Joseph B., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Locomotive stoker. 2,127,338; Aug. 16.
- MacKenzie, Joseph B., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Stoker mechanism. 2,127,923; Aug. 23.
- Mackenzie-Kennedy, Chessborough, J. H., New York, N. Y. Toilet article case. 2,139,688; Dec. 13.
- MacKenzie, L. R., Incorporated. (See Barnes, Joe L., assignor.)
- MacKenzie, Philip, Oakland, Calif. Air control valve for gear shifts. 2,109,070; Feb. 22.
- MacKenzie, Roy J., assignor to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,112,964; Apr. 5.
- MacKenzie, Roy J., L. L. Haas, Buffalo, and G. C. Starkweather, Kenmore, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,115,113; Apr. 26.
- Mackenzie, Stanley C., Monkseaton, England. Coupling for conveying rotary motion. 2,112,108; Mar. 22.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 2,111,865; Mar. 22.
- Mackey, Henry W., assignor to Motor Products Corporation, Detroit, Mich. Quarter window ventilating construction. 2,109,924; Mar. 1.
- Mackey, Scudder M. (See Keppler, R. F. and Mackey.)
- Mackey, Stuart J., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signaling system. 2,106,681; Jan. 25.
- Mackie, Alexander, et al. (See Davies, William J., assignor.)
- Mackie, Irwin C., Sydney, Nova Scotia, Canada, assignor to Beth-Mary Steel Corporation. Manufacture of railway and tramway rails. 2,127,303; Aug. 16.
- Mackintosh, Charles, deceased, by E. Mackintosh, executrix, Ukiah, assignor of one-half to F. A. McDonald, San Francisco, Calif. Plant dusting machine. 2,104,930; Jan. 11.
- Mackintosh, Effie, executrix. (See Mackintosh, Charles.)
- Macklin Company. (See McIntyre, Thomas J., assignor.)
- Macklind, William R., Chicago, Ill. Centrifugal separator. 2,104,162; Jan. 4.
- Macknight, Edgar W., Bayonne, N. J., assignor to General Cable Corporation, New York, N. Y. Metal extrusion press and operation. 2,107,896; Feb. 8.
- Mackowiak, Ignatius, Burnham, Ill. Coaster brake. 2,138,497; Nov. 29.
- Macksey, Kenneth W., Montclair, assignor to Mack Molding Company, Wayne, N. J. Molded knob. 2,107,204; Feb. 1.
- MacLachlan, Andrew D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Ventilating hose. 2,140,638; Dec. 20.
- MacLachlen, Angus, deceased, Metuchen, N. J., by W. H. Griffin, executor, New York, N. Y. Coating. 2,136,557; Nov. 15.
- MacLagan, Allan R. (See Schuyler, A. L. Knoth, and MacLagan.)
- MacLagan, Allan R. (See Schuyler, A. L., and MacLagan.)
- MacLagan, Allan R., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Antirattle device for locks. 2,110,995; Mar. 15.
- MacLagan, Allan R., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Lock. 2,134,368; Oct. 25.
- MacLaren, Frederick H. (See Adams, E. W., and MacLaren.)
- MacLaren, Frederick H. (See Brunstrum, L. C., and MacLaren.)
- MacLaren, Frederick H., Calumet City, and L. C. Brunstrum, assignors to Standard Oil Company, Chicago, Ill. Anti-rust material and plug valve lubricant. 2,119,552; June 7.
- MacLaren, Frederick H., Calumet City, and L. C. Brunstrum, assignors to Standard Oil Company, Chicago, Ill. Antirust material. 2,119,553; June 7.
- MacLaren, William E., Evansville, Ind. Multimage sign. 2,117,186; May 10.
- MacLaren, William E., Evansville, Ind. Multimage sign. 2,117,187; May 10.
- MacLarity, George C. (See Buckingham, Roy P., assignor.)
- MacLaurin, James D., South Orange, N. J. Process and apparatus for coating paper. 2,118,212; May 24.
- MacLaurin, James D., East Orange, N. J., assignor to Seaman Paper Company, Chicago, Ill. Coating paper. 2,130,241; Sept. 13.
- MacLaurin, John, Ware, Mass. Decalcomania paper. 2,128,588; Aug. 30.
- MacLean, Allen D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Pressure compensating register for gas meters. 2,117,341; May 17.
- MacLean, Allen D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Apparatus for calibrating and proving registers. 2,126,484; Aug. 9.
- MacLean, Allen D., and F. Niesemann, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Pressure compensating gas meter. 2,122,529; July 5.
- MacLean, Clyde T., assignor to Motor Products Corporation, Detroit, Mich. Polishing machine. 2,137,535; Nov. 22.
- MacLean, Donald, Middlechurch, Manitoba, Canada. Grain Stoker. 2,116,032; May 3.
- Maclean, Hugh J. (See Maclean, Neil A. and H. J.)
- MacLean, J. Showles, assignor to The Franklin Creamery Company, Toledo, Ohio. Packaging. 2,125,385; Aug. 2.
- MacLean, John A., Hampton, assignor to Ingersoll-Rand Company, Jersey City, N. J. Pump seal. 2,136,799; Nov. 15.
- Maclean, Neil A. and H. J., San Francisco, Calif. Dispensing apparatus. 2,124,073; July 19.
- MacLean, Robert S. (See Mattes, L. H., and MacLean.)
- Maclean, Robert S., assignor to Mastic Asphalt Corporation, South Bend, Ind. Siding panel for buildings. 2,114,450; Apr. 19.
- Macleans Limited. (See Rumball, Frederick W., assignor.)
- Maclear, James R., Denver, Colo. Manhole cover. 2,114,499; Apr. 19.
- MacLellan, Angus D., assignor to Anglo American Mill Corporation, Owensboro, Ky. Mixing apparatus. 2,138,550; Nov. 29.
- MacLennan, John, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming brake drums. 2,112,653; Mar. 29.
- MacLeod, Cameron, et al., trustees. (See Stanton, Avery H., assignor.)
- MacLeod, Eldon, et al., trustees. (See Stanton, Avery H., assignor.)
- MacLeod, Malcolm J., Brookline, Mass. Floor waxing implement. 2,137,944; Nov. 22.
- MacLeod, William J., Lochmoor, Grosse Pointe Village, Mich., assignor to Backstay Welt Company, Union City, Ind. Core for trimming moldings. 2,109,428; Feb. 22.
- MacManus, Jack. (See Gottfried, C., and MacManus.)
- MacMaster, Frank D., Ewing Township, Mercer County, assignor to C. V. Hill and Company, Incorporated, Trenton, N. J. Refrigerated display case and the like. 2,122,209; June 28.
- MacMichael, Hugh R., Piedmont, Calif. Shoe tree and rack. 2,114,539; Apr. 19.
- MacMichael, Hugh R., Piedmont, Calif. Shoe dauber. 2,118,051; May 24.
- MacMillan, John H., Jr., Minneapolis, Minn. Cigarette package. 2,107,042; Feb. 1.
- MacMillin, Howard F., Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydromechanical motor. 2,105,251; Jan. 11.
- MacMillin, Howard F., Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Batch-measuring device for feeding materials to curb presses. 2,111,915; Mar. 22.
- MacMillin, Howard F., Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Auxiliary hydraulic device for presses. 2,128,152; Aug. 23.
- MacMillin, Howard F., and D. C. Youngblood, Mount Gilead, Ohio, assignors, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydromechanical press. 2,113,115; Apr. 5.
- MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of sodium carbonate monohydrate. 2,120,287; June 14.
- MacMurray, Gilbert C., Calgary, Alberta, Canada. Jack for lifting automotive vehicles. 2,132,903; Oct. 11.
- Macnabb, Vernon C., Indianapolis, Ind., assignor to Fairbanks, Morse & Co., Chicago, Ill. Sound reproducing apparatus. 2,113,623; Apr. 12.



- Macnabb, Vernon C., Indianapolis, Ind., assignor to Fairbanks, Morse & Co., Chicago, Ill. Tuning mechanism for radio apparatus. 2,114,540; Apr. 19.
- MacNally, Charles J., Jamaica, N. Y. Fountain pen. 2,128,052; Aug. 23.
- MacNeil, Charles S. J., Jr. (See Palmer, R. E., and MacNeil.)
- MacNeill, John B., and A. W. Hill, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,125,835; Aug. 2.
- MacNutt, Arthur D., Kenmore, assignor to Certain-Teed Products Corporation, New York, N. Y. Roofing material. 2,138,456; Nov. 29.
- Macomber, Clarence H., administrator. (See Bass, S. L., and Van Duzee.)
- Macomber, Naum J., assignor of forty-nine per cent to J. E. Grosjean, Lima, Ohio. Multi-directional sign with illumination. 2,111,455; Mar. 15.
- Macomic, Chester A., assignor, by mesne assignments, to Machinery Patent and Finance Corporation, Chicago, Ill. Type casting machine. 2,109,494; Mar. 1.
- MacPherson, John M., et al. (See Aitken, Earle M., assignor.)
- MacPherson, Roy G., Framingham, Mass. Manufacture of compound agglomerate containing fuel. 2,136,591; Nov. 15.
- Macpherson, William M., Arlington, Va. Vegetation bearing cellular structure and system. 2,121,173; June 21.
- Macquisten, Arthur P. S. (See Talbot-Crosbie, John B.)
- Macquisten, Arthur P. S. (See Talbot-Crosbie, J. B., and Macquisten.)
- Macready, George A., Los Angeles, Calif. Well fluid sampler. 2,137,296; Nov. 22.
- MacSparran, Charles. (See Thomas, R. W., and MacSparran.)
- Macwhyte Company. (See Siler, Robert W., assignor.)
- Madaras, Julius D., Detroit, Mich. Dam. 2,128,657; Aug. 30.
- Madaus, Dr., & Co. (See Kuhn, Alfred, assignor.)
- Madden, Clyde R., Charleston, W. Va. Apparatus for heating test tubes. 2,119,172; May 31.
- Madden, Daniel, Portland, Oreg. Binding books. 2,112,991; Apr. 5.
- Madden, Daniel, Portland, Oreg. Forming coil bindings. 2,130,396; Sept. 20.
- Madden, William J., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Air conditioning apparatus for passenger cars. 2,123,076; July 5.
- Madden, William J., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Refrigerator container. 2,123,678; July 12.
- Maddock, Robert H. (See Harmon, O. B., and Maddock.)
- Maddock, Robert H., assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle frame. 2,107,382; Feb. 8.
- Maddock, Robert H., assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle frame. 2,113,540; Apr. 5.
- Maddock, Robert H., assignor to The Midland Steel Products Company, Cleveland, Ohio. Cross frame member. 2,118,257; May 24.
- Maddocks, Charles B. (See Langwell, H., Maddocks, and Short.)
- Maddox, William J., Jamestown, N. Y., assignor to Even-Cut Abrasive Band & Equipment Corporation, Cleveland, Ohio. Abrading roll. Re. 20,817; Aug. 2.
- Maddux, Duane C., Highland Park, Ill. Closure for collapsible tubes. 2,130,284; Sept. 13.
- Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Belt conveyor. 2,105,889; Jan. 18.
- Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Extensible portable conveyor. 2,128,309; Aug. 30.
- Mader, Otto, Dessau-Ziebigk, assignor to Junkers-Flugzeug- und Motorenwerke, Aktiengesellschaft, Dessau, Germany. Machining of engine cylinder liners. 2,118,317; May 24.
- Mader, Otto, Dessau-Ziebigk, assignor to Junkers-Flugzeug- und Motorenwerke, Aktiengesellschaft, Dessau, Germany. Engine cylinder. 2,127,825; Aug. 23.
- Madge, Evelyn W. (See Murphy, E. A., and Madge.)
- Madge, Evelyn W. (See Murphy, E. A., Madge, Taylor, and Pounder.)
- Madison, Robert E., Harvey, Ill. Railway ballasting machine. 2,107,639; Feb. 8.
- Madison Silo Company. (See Gurney, William W., assignor.)
- Madland, Gabriel, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,110,606; Mar. 8.
- Madland, Gabriel, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,120,707; June 14.
- Madl6, Ahlin, assignor to Erban Operating Corporation, New York, N. Y. Power transmission mechanism. 2,109,845; Mar. 1.
- Madl6, Ahlin, Bristol, Conn., assignor to Erban Operating Corporation, New York, N. Y. Power transmission mechanism. 2,111,149; Mar. 15.
- Madl6, Ahlin, Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Power transmission control. 2,113,624; Apr. 12.
- Madlem, Leo S. (See Campbell, William B., assignor.)
- Madsen, Neil B., Portland, Oreg. Automatic lifting mechanism. 2,130,354; Sept. 20.
- Madsen, Sern. (See Aldeen, G. W., and Madsen.)
- Madsen, Sern., assignor, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa. Flat slab construction. 2,117,489; May 17.
- Madsen, Sern., assignor, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa. Adjusting hardware for sashes and the like. 2,140,842; Dec. 20.
- Madzar, Rudolf, Vienna, Austria. Artificial tooth. 2,118,934; May 31.
- Maekem Machine Company. (See Putnam, C. A., and Robbins, assignors.)
- Maes, Frédéric, Brussels, assignor to Servo Frein De-wandre Société Anonyme, Liege, Belgium. Control device with predetermined successive positions. 2,118,890; May 31.
- Maeser, Mieth, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 2,131,744; Oct. 4.
- Mafera, Guy, Revere, Mass. Aligner. 2,123,484; July 12.
- Magazine Repeating Razor Company. (See Casselman, Elbridge J., assignor.)
- Magazine Repeating Razor Company. (See Humphrey, Willard D., assignor.)
- Magazine Repeating Razor Company. (See Rodrigues, Octavius V., assignor.)
- Magee, Carl C., assignor to Dual Parking Meter Company, Oklahoma City, Okla. Coin controlled parking meter. 2,118,318; May 24.
- Magee Carpet Company, The. (See Homan, Ralph W., assignor.)
- Magee, James M., et al. (See Carney, Daniel E., as-Magenheimer, Clifford O., Rochester, N. Y. Roof gauge. 2,138,551; Nov. 29.
- signor.)
- Mageoch, Harry Y. (See Graham, H. J., and Mageoch.)
- Magers, Luther, assignor to Indiana Fibre Products Corporation, Marion, Ind. Chick box construction. 2,135,140; Nov. 1.
- Magerstadt, Paul E. (See Myer, J. E., Horner, and Magerstadt.)
- Magidson, Frank, Pittsburgh, Pa., assignor to Pittsburgh Tag Company. Machine for making tags. 2,125,794; Aug. 2.
- Magidson, Joseph, et al. (See Lundstrom, Hans, assignor.)
- Magidson, Phelix B., et al. (See Lundstrom, Hans, assignor.)
- Magill, Donald G., Great Neck, assignor to American Can Company, New York, N. Y. Forming moistureproof and greaseproof containers. 2,130,355; Sept. 20.
- Magill, Herbert L. (See Duskin, M. L., and Magill.)
- Magill, Paul L. F., Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of white lead. 2,106,555; Jan. 25.
- Magill, Paul L., Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating alkaline surfaces. 2,125,386; Aug. 2.
- Magill, Paul L. F., Niagara Falls, N. Y., assignor to The E. I. du Pont de Nemours & Company, Wilmington, Del. Agricultural spray material. 2,111,050; Mar. 15.
- Magill, Paul L. F., and C. Dangelmajer, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Paint composition. 2,104,264; Jan. 4.
- Magill, Paul L., and C. Dangelmajer, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing composition. 2,130,807; Sept. 20.
- Magill-Weinsheimer Company. (See Osborn, Alex F., assignor.)
- Magill-Weinsheimer Company. (See Rasmussen, Frank H., assignor.)
- Maginnis, Frank A., Los Angeles, assignor to J. F. Daly, Alhambra, Calif. Air flow ventilating, heating, cooling, humidifying, gassing control transport system. 2,130,430; Sept. 20.
- Maginnis, William P., Upper Darby, Pa., assignor to Radio Corporation of America. Audio frequency volume control means. 2,121,091; June 21.
- Magis, Auguste A. G., Paris, France, assignor to The Superheater Company, New York, N. Y. Valve gear. 2,110,109; May 31.
- Maglott, George F., Cranston, R. I., assignor to Brown & Sharpe Manufacturing Company. Gear pump seal. 2,105,428; Jan. 11.
- Maglott, George F., Wrentham, Mass., assignor to Brown & Sharpe Manufacturing Company. Grinding machine. 2,127,877; Aug. 23.
- Magna Products Corp. (See Golden, Harry, assignor.)
- Magnafux Corporation. (See Reda, Carl E., assignor.)
- Magnafux Corporation. (See de Forest, Alfred V., assignor.)
- Magnafux Corporation. (See Dunne, Foster B., assignor.)
- Magnavox Company, The. (See Brennan, Joseph B., assignor.)
- Magnavox Company, The. (See Clark, Richard U., assignor.)
- Magnavox Company, The. (See Fisher, Carl C., assignor.)
- Magnavox Company, The. (See Toletton, Ray H., assignor.)



- Magné, Jean H. P., Leucate Plage, Aude, France, assignor to American Biochemical Products Co., Inc., Baton Rouge, La. Fermentation apparatus. 2,111,102; Mar. 15.
- Magner, Philip G., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Psychrometer. 2,107,077; Feb. 1.
- Magnesium Development Corporation. (See Beck, Adolf, assignor.)
- Magnesium Development Corporation. (See Fischer, Edward F., assignor.)
- Magnesium Development Corporation. (See Gossrau, Gotthard, assignor.)
- Magnesium Development Corporation. (See Michel, Josef M., assignor.)
- Magnesium Development Corporation. (See Schulze, Rudolf, assignor.)
- Magnesium Development Corporation. (See Seliger, Hellmuth, assignor.)
- Magnesium Products, Inc. (See Kemmer, Frank R., assignor.)
- Magnetic Analysis Corporation. (See Zuschlag, Theodor, assignor.)
- Magnetic Pigment Company. (See Fireman, Peter, assignor.)
- Magnetic Windings Company. (See Dinion, Nathan, assignor.)
- Magney, Gottlieb R., Minneapolis, Minn. Humidifier with truncated cones. 2,105,773; Jan. 18.
- Magnolite Corporation. (See Rogers, Glenn A., assignor.)
- Magnus, Harold F., London, England. Portable case or container. 2,112,539; Mar. 29.
- Magnuson, Henry O., assignor to Champion Foundry and Machine Company, Chicago, Ill. Safety appliance for molding machines. 2,114,111; Apr. 12.
- Magnuson, John H., assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,104,878; Jan. 11.
- Magnuson, Raymond A., assignor to Vogel-Peterson Co. Inc., Chicago, Ill. Wardrobe rack. 2,107,640; Feb. 8.
- Magnuson, Roy M. (See Thompson, A. R., and Magnuson.)
- Magoun, George L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Sulphonated alkylated diphenyl compounds and salts thereof. 2,135,978; Nov. 8.
- Magrath, Arthur C., New Dorp, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cross-bar switch. 2,113,215; Apr. 5.
- Magrath, Arthur C., New Dorp, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay mechanism. 2,118,258; May 24.
- Magrath, Arthur C., New Dorp, assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Switch mechanism. 2,118,935; May 31.
- Magrum, Gervase M. (See Peo, R. F., Lautz, and Magrum.)
- Maguire, Mable M., Yreka, Calif., and R. Wright, Seattle, Wash., assignors of one-fourth to M. S. Alves, Yreka, Calif. Nut lock. 2,131,812; Oct. 4.
- Maguire, Thomas F., Charlotte, N. C. Cast iron steam, vapor, and hot water boiler. 2,125,795; Aug. 2.
- Magyar Ruggvántarugyar Reszvenytársaság. (See Turchányi, László, assignor.)
- Mahaffey, Benjamin S., Chicago, Ill. Vending machine. 2,115,393; Apr. 26.
- Mahan, Joseph R., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Counterbalance device. 2,123,679; July 12.
- Maher, George R. (See Hucks, R. T., and Maher.)
- Maher, Joseph F. (See Jackson, G., and Maher.)
- Maher, Maxine, Los Angeles, Calif. Breastplate cover pad. 2,105,290; Jan. 11.
- Maher, William W., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Sheet coating machine. 2,112,246; Mar. 29.
- Mahle, Ernst, Stuttgart, Germany. Apparatus for molding strut pistons. 2,107,009; Feb. 1.
- Mahler, Robert. (See Ottajovits, Alexander, assignor.)
- Mahlmann, Noble, et al. (See Morgan, David G., assignor.)
- Mahn, Herbert. (See Rossner, E., Börner, Mahn, and Irion.)
- Mahone, Thomas W., assignor to The Central Carton Company, Cincinnati, Ohio. Carton. 2,132,957; Oct. 11.
- Mahoney, Charles H., assignor to The Ken-Rad Tube and Lamp Corporation, Owensboro, Ky. Electrode for electron discharge devices. 2,140,534; Dec. 20.
- Mahoney, William H., Hingham, Mass. Pedestal. 2,114,058; Apr. 12.
- Mahoning Mining Company. (See Abbott, F. C., Cooke, and Anderson, assignors.)
- Mahood, George P., Bluefield, W. Va., assignor to Bethlehem Steel Company. Locking device. 2,140,917; Dec. 20.
- Mahr Manufacturing Company. (See Tollefson, Ernst M., assignor.)
- Mahrström, Anton G., Gothenburg, Sweden. Carburetor. 2,122,348; June 28.
- Maihen, Charles H., Logansport, Ind. Support. 2,139,837; Dec. 13.
- Maiden Form Brassiere Company. (See Rosenthal, William, assignor.)
- Maiden Form Brassiere Company. (See Rosenthal, W., and Sachs, assignors.)
- Maidens, William T. (See Depew, H. A., and Maidens.)
- Maidens, William T., Columbus, Ohio, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making zinc oxide. 2,139,196; Dec. 6.
- Maier, August R., assignor to Oil Well Supply Company, Dallas, Tex. Pump rod hanger. 2,107,488; Feb. 8.
- Maier-Bode, Hans. (See Rieche, A., Maier-Bode, and Eckhardt.)
- Maier-Bode, Hans. (See Rieche, A., Brodersen, Quaadvliet, and Maier-Bode.)
- Maier, Charles G., Oakland, Calif., assignor to Great Western Electro-Chemical Company. Contacting fine ores with gases. 2,133,997; Oct. 25.
- Maier, Charles G., Oakland, Calif., assignor to Great Western Electro-Chemical Company. Treating chromite ores. 2,133,998; Oct. 25.
- Maier, George M., Detroit, Mich., assignor to American Radiator Company, New York, N. Y. Boiler jacket. 2,110,841; Mar. 8.
- Maier, Louis, Niles Center, Ill. Combination door bumper and holder. 2,116,444; May 3.
- Maier, Walter, Jessnitz in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial threads. 2,122,801; July 5.
- Maier, Walter, Jessnitz, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of halogen alkylamines. 2,136,171; Nov. 8.
- Maiers, George F., Santa Barbara, Calif. Conveying mechanism for nut hullers. 2,109,703; Mar. 1.
- Maletta, Louis J., Bristol, Conn. Wheel suspension for motor vehicles. 2,114,656; Apr. 19.
- Maillet, Gustave E., Voisins-le-Bretonneux, by Trappes, assignor to Union d'Electricite, Paris, France. Stroboscopic device for checking and adjusting meters. 2,123,115; July 5.
- Main, David W., Detroit, Mich., assignor to Transportation Systems, Inc. Combined road and rail vehicle. 2,110,230; Mar. 8.
- Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,126,485; Aug. 9.
- Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,126,685; Aug. 9.
- Main, Frank L., Birmingham, and C. A. Sawtelle, assignors to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,109,013; Feb. 22.
- Main, Frank L., Birmingham, and C. A. Sawtelle, assignors to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,115,961; May 3.
- Maina, Joseph, London, England, assignor to The Williams Rotary Engines Company Limited, Auckland, New Zealand. Combustion-products power plant. 2,140,085; Dec. 13.
- Mains, Gerald H., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing pigmented paper and impregnating it with a resinous binder and the product. 2,125,076; July 26.
- Mains, Gerald H., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Acid resisting laminated product. 2,128,097; Aug. 23.
- Maintenance Research, Ltd. (See Crewe, Samuel.)
- Mainzer, Berthold, Heppenheim-on-the-Bergstrasse, Germany. Adjustable garment. 2,126,122; Aug. 9.
- Mairson, Irving W. (See State, J. C., and Mairson.)
- Mairson, Robert A. (See State, J. C., and Mairson.)
- Maisch, Wilhelm O., Stuttgart, assignor to the firm Hermann Frankel, Molkau, near Leipzig, Germany. Covering wood with resistant coatings. 2,114,784; Apr. 19.
- Maisel, Carl. (See Hibben, James H., assignor.)
- Maisch, Morton C., Wyoming, Ohio. Refuse receptacle. 2,112,465; Mar. 29.
- Maiuri, Guido, London, England. Refrigerating apparatus. 2,114,602; Apr. 19.
- Maiuri, Guido, London, England. Refrigeration. 2,130,503; Sept. 20.
- Maiuri, Guido, London, England. Cooling fluids to low temperatures and diffusion refrigerating machines therefor. 2,131,782; Oct. 4.
- Majerus, Victor H. (See Bowen, H. H., and Majerus.)
- Majestic Metal Specialties, Inc. (See Kasdan, N., and Landwehr, assignors.)
- Majewski, Joseph M., Jr., assignor to F. L. Talge, operating as Rival Manufacturing Company, Kansas City, Mo. Assembly for hulling peas and slicing beans. 2,135,256; Nov. 1.
- Majewski, Walter, assignor to Lakewood Mfg. Co., Chicago, Ill. Toy vehicle. 2,132,487; Oct. 11.
- Majneri, Ludwig A., Detroit, Mich. Fluid pressure control mechanism. 2,115,174; Apr. 26.
- Majneri, Ludwig A., Grosse Pointe, Mich. Fluid pressure control mechanism. 2,120,073; June 7.
- Majneri, Ludwig A., Grosse Pointe, Mich. Brake mechanism. 2,136,194; Nov. 8.
- Major, Forrest J., Ocean Park, Calif. Multifilament lamp. 2,139,762; Dec. 13.
- Major, Randolph T. (See Addinall, C. R., and Major.)
- Major, Randolph T., Plainfield, assignor to Merck & Co. Inc., Rahway, N. J. Aryl-methyl ethers of B-methylcholine salts and their production. 2,133,999; Oct. 25.



- Major, Randolph T., Plainfield, N. J., and A. B. Boese, Pittsburgh, Pa., assignors to Merck & Co., Inc., Rahway, N. J. Local anesthetic. 2,104,753; Jan. 11.
- Major, Randolph T., Plainfield, and H. T. Bonnett, assignors to Merck & Co. Inc., Rahway, N. J. Optical isomers of acyl-B-alkyl choline salts and intermediates and their production. 2,118,054; May 24.
- Major, Randolph T., Plainfield, and H. T. Bonnett, assignors to Merck & Co. Inc., Rahway, N. J. Homologues of beta-methylcholine halide and their acyl derivatives and processes for their production. 2,135,521; Nov. 8.
- Major, Samuel J., Providence, assignor to Shambow Shuttle Company, Woonsocket, R. I. Loom shuttle. 2,105,816; Jan. 18.
- Makarov, Gregory, Lanesboro, Mass. Blade holder. 2,120,500; June 14.
- Makenny, William, Mountain View, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Radio tube base and socket. 2,113,328; Apr. 5.
- Makenny, William, Mountain View, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Article inspection machine. 2,116,398; May 3.
- Makepeace, D. E., Company. (See Capillon, Edward A., assignor.)
- Mäki, Vilho S. (See Myllyniemi, V. I., and Mäki.)
- Makin, Giles M. G., Pawtucket, R. I. Cloth reel. 2,125,796; Aug. 2.
- Makins, Thomas C., assignor to Ruston & Hornsby, Limited, Lincoln, England. Fuel injector or atomizer for internal combustion engines. 2,137,473; Nov. 22.
- Mako, Frank. (See Ralston, H. C., Williams, and Mako.)
- Malam, John E., Birmingham, England, assignor to Imperial Chemical Industries Limited. Heat treatment of metals. 2,130,756; Sept. 20.
- Malan, John E., Birmingham, England, assignor to Imperial Chemical Industries Limited. Planing machine. 2,124,386; July 19.
- Malcolm, Elmer E., et al. (See Findon, Frederick H., Jr., assignor.)
- Malcolm, Robert. (See Murray, James M., assignor.)
- Malcolm, Robert. (See Standley, Cleo R., assignor.)
- Malcolm, Robert. (See Whipple, Willis A., assignor.)
- Malcolm, Robert, Chicago, Ill. Respirator filter. 2,130,555; Sept. 20.
- Malcolm, Vincent M. (See Jussen, H. C., and Malcolm.)
- Malcolm, Vincent T., assignor to The Chapman Valve Mfg. Co., Indian Orchard, Mass. Metal treating. 2,131,709; Sept. 27.
- Malcolm, Vincent T., assignor to The Chapman Valve Mfg. Co., Indian Orchard, Mass. Treating steel. 2,131,710; Sept. 27.
- Malcomson, Gilbert C., Collingswood, N. J. Display device. 2,107,641; Feb. 8.
- Malden, John W. (See Schidrowitz, P., and Malden.)
- Malek, Morris S., Ridgefield, N. J. Method and device for folding and stitching lining and the outer materials of neckties. 2,110,996; Mar. 15.
- Malherbe, Gideon J., Bronxville, assignor to The De Laval Separator Company, New York, N. Y. Refining. 2,116,208; May 3.
- Malik, Joseph, Cicero, Ill. Surgical splint. 2,138,975; Dec. 6.
- Malik, Joseph, assignor of ten percent to Edward Zinney, Cicero, Ill. First-aid kit. 2,135,238; Nov. 1.
- Malik, Kathie. (See Hanna, Horace W., assignor.)
- Malina Company. (See Siegel, Morris, assignor.)
- Mallnovszky, Andrew, South Gate, Calif. Ceramic composition. 2,106,410; Jan. 25.
- Mallnovszky, Andrew, South Gate, Calif. Wall structure. 2,118,936; May 31.
- Malishev, Boris, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Alkylating cyclic compounds. 2,141,611; Dec. 27.
- Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Paper machine. 2,126,486; Aug. 9.
- Mall, Arthur W., Chicago, Ill. Terrazzo grinding apparatus. 2,106,033; Jan. 18.
- Mall, Arthur W., Chicago, Ill. Rail grinder. 2,106,034; Jan. 18.
- Mall, Arthur W., Chicago, Ill. Terrazzo grinding angle spindle. 2,106,035; Jan. 18.
- Mall, Arthur W., Chicago, Ill. Angle grinding spindle. 2,110,491; May 3.
- Mall, Arthur W., Chicago, Ill. Abrasive wheel. 2,110,272; May 3.
- Mall, Arthur W., Chicago, Ill. Portable grinding machine. 2,126,336; Aug. 9.
- Mall, Eugen, Stuttgart Bad Cannstatt, and W. Dorn, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Metalizing surfaces. 2,139,640; Dec. 6.
- Mallard, Logan L., Norfolk, Va. Universal joint. 2,140,295; Dec. 13.
- Mallard, Manley T., Fairfield, Conn., assignor to General Electric Company. Surface finishing rubber goods. 2,132,268; Oct. 4.
- Malleable Iron Fittings Company. (See Kennedy, Freeman W., assignor.)
- Malleable Iron Range Company. (See Burrow, Herbert T., assignor.)
- Mallen, Edward J., Davenport, Iowa. Package opener. 2,140,021; Dec. 13.
- Maller, Raymond J. (See Johnson, G. G., and Maller.)
- Mallett, Lloyd A., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Rear-drive motor vehicle. 2,124,166; July 19.
- Malley, Vincent E., Terryville, Conn., assignor to Eagle Lock Co., New York, N. Y. Lock. 2,136,054; Nov. 8.
- Mallina, Rudolph F. (See Carpenter, W. W., and Mallina.)
- Mallinckrodt, Charles O. (See Anderson, F. B., Mallinckrodt, and Stillwell, assignors.)
- Mallinckrodt Chemical Works. (See Whitmore, F. C., Homeyer, and Noll, assignors.)
- Mallinckrodt, Charles O. (See Fisher, J. R., and Mallinckrodt.)
- Mallon, Edward J. (See Tinker, W. H., and Mallon.)
- Mallory, Edward B., Tenafly, N. J. Method and apparatus for aerating sewage. 2,138,349; Nov. 29.
- Mallory, George W. (See Pearson, Charles, assignor.)
- Mallory, Marion, Detroit, Mich. Internal combustion engine. 2,121,920; June 28.
- Mallory, Marion, Detroit, Mich. Internal combustion engine. 2,121,921; June 28.
- Mallory, P. R., & Co. (See Arvin, Marion J., assignor.)
- Mallory, P. R., & Co. (See Bagno, Samuel J. A. M., assignor.)
- Mallory, P. R., & Co. (See Emmert, Kenneth L., assignor.)
- Mallory, P. R., & Co. (See Freeman, Paul B., assignor.)
- Mallory, P. R., & Co. (See Fruth, Hal F., assignor.)
- Mallory, P. R., & Co. (See Gwyn, Childress B., Jr., assignor.)
- Mallory, P. R., & Company. (See Hall, Arthur, assignor.)
- Mallory, P. R., & Co. (See Hall, Harry C., assignor.)
- Mallory, P. R., & Co. (See Hensel, F. R., and Larsen, assignors.)
- Mallory, P. R., & Co. (See Hensel, Franz R., assignor.)
- Mallory, P. R., & Co. (See Innes, R. H., and Fruth, assignors.)
- Mallory, P. R., & Co. (See Schimkus, Kurt E., assignor.)
- Mallory, P. R., & Co. (See Williams, Joseph S., assignor.)
- Mallory, P. R., & Co. Inc. (See Hood, Joseph T., assignor.)
- Mallory, P. R., & Co. Inc. (See Richter, Henry G., assignor.)
- Malloy-Brehunoff, Nicholas, Bridgeport, Conn. Artificial limb. 2,127,566; Aug. 23.
- Malloy, Frank J. (See Donovan, J. F., and Malloy.)
- Malloy, John J., Cleveland Heights, Ohio, assignor to General Electric Company. Base feeder. 2,137,173; Nov. 15.
- Malloy, Paul V., Lakewood, Ohio, assignor to Kemet Laboratories Company, Inc. Production of high vacuum. 2,126,686; Aug. 9.
- Malluk, Assad M., New York, N. Y. Over-all snap lock protector for fuel tank caps. 2,131,060; Sept. 27.
- Malluk, Assad M., New York, N. Y. Cap protector for fuel tank openings. 2,138,871; Dec. 6.
- Malm, Axel S., West Hartford, Conn. Swimming device. 2,109,429; Feb. 22.
- Malm, Carl J. (See Stone, H. G., and Malm.)
- Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Hydrolysis of cellulose esters. 2,105,252; Jan. 11.
- Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Pretreatment of cellulose preparatory to acylation. 2,115,735; May 3.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of high viscosity cellulose esters. 2,121,808; June 28.
- Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Stabilizing of cellulose esters. 2,126,487; Aug. 9.
- Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Increasing the viscosity of organic acid esters of cellulose. 2,126,488; Aug. 9.
- Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Lowering the viscosity of hydrated cellulose esters. 2,126,489; Aug. 9.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of mixed esters of cellulose. 2,135,979; Nov. 8.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Refining of cellulose derivatives. 2,135,980; Nov. 8.
- Malm, Carl J., and C. R. Fordyce, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose ester product. 2,110,886; Mar. 15.
- Malm, Carl J., Rochester, N. Y., and C. I. Fletcher, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparation of low viscosity esters of cellulose. 2,113,894; Apr. 5.
- Malm, Carl J., Rochester, N. Y., and C. I. Fletcher, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose mixed ester compositions containing teluene and an alcohol. 2,113,305; Apr. 5.



- Malm, Carl J., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Hydrolysis of mixed esters of cellulose. 2,132,871; Oct. 11.
- Malm, Carl J., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing cellulose acetate. 2,140,639; Dec. 20.
- Malmgren, George, San Francisco, Calif. Bore hole surveying apparatus and method. 2,116,120; May 3.
- Malmgren, George, Santa Cruz, Calif. Analyzing cases. 2,139,902; Dec. 13.
- Malmros, Gustav V. A., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,138,641; Nov. 29.
- Malmros, Gustav V. A., Binghamton, and V. O. Wilkerson, Vestal Gardens, assignors to International Business Machines Corporation, New York, N. Y. Automatic control for tabulating machines. 2,131,916; Oct. 4.
- Malobitzky, Anton, New York, N. Y. Fuel-oil vaporizing attachment. 2,110,806; Mar. 8.
- Malocsay, Francis X., Upper Saddle River, N. J. Making and applying cigar wrappers. 2,114,804; Apr. 19.
- Malocsay, Francis X., Upper Saddle River, N. J. Machine for applying decalcomanias. 2,117,618; May 17.
- Malocsay, Francis X., Upper Saddle River, N. J. Cigarette package. 2,129,701; Sept. 13.
- Maloff, Ioury G., Philadelphia, Pa., assignor to Radio Corporation of America. Electron tube. 2,104,566; Jan. 4.
- Malone Knitting Company. (See Humphlett, Wilma D., assignor.)
- Malone, Mackey K., Wills Point, Tex., assignor to K-D Manufacturing Company, Lancaster, Pa. Drive belt applying and removing tool. 2,121,129; June 21.
- Malone, William R., Clearfield, Pa. Roadway construction. 2,116,033; May 3.
- Maloon, Earl B., assignor to The Heil Co., Milwaukee, Wis. Grader control mechanism. 2,112,466; Mar. 29.
- Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Norwood, Ohio. Fluid control for fluid-operated presses. 2,105,253; Jan. 11.
- Malott, Herbert, assignor to Detroit Show Case Company, Detroit, Mich. Store fixture. 2,118,213; May 24.
- Malpica, Jose T. M. (See Flynn, E. J., and Malpica.)
- Malby, Edward H., White Bear Lake, Minn., assignor to Standard Conveyor Company. Conveyor. 2,105,922; Jan. 18.
- Malby, Maurice E. (See Price, Laurence L.)
- Malter, Louis. (See Massa, E. A., Jr., and Malter.)
- Malter, Louis. (See Piore, E. R., and Malter.)
- Malter, Louis, West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum diffusion pump. 2,112,037; Mar. 22.
- Malter, Louis, West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electronic vacuum pump. 2,131,897; Oct. 4.
- Malter, Louis, Collingswood, and J. A. Rajchman and R. R. Goodrich, 2nd, Camden, N. J., assignors to Radio Corporation of America. Electronic oscillator. 2,121,360; June 21.
- Malterer, Otto. (See Eckl, K., and Malterer.)
- Malueg, William H., Clintonville, assignor to Damrow Brothers Company, Fond du Lac, Wis. Curd agitator. 2,111,247; Mar. 15.
- Maly, Joseph, Old Bridge, N. J. Headlight. 2,117,099; May 10.
- Mammano, Benedetto, assignor to "Societa Ingranaggi Mammano", Milan, Italy. Tool for cutting curved tooth bevel gears. 2,127,779; Aug. 23.
- Mample, Adolph Z., Glen Rock, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Device for sealing holes in cable sheaths. 2,110,003; Mar. 1.
- Mancha Storage Battery Locomotive Company. (See Stoltz, Charles E., assignor.)
- Manchester, Frank H., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Flooring material and making same. 2,129,622; Sept. 6.
- Manchester, Harvey. (See Chittenden, F. D., and Manchester.)
- Manchester, Mitchell W., Williamsport, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Power meter. 2,130,591; Sept. 20.
- Mancinelli, Gino, Wilmington, Del. Solder wire feeding means for soldering irons. 2,119,995; June 7.
- Mancini, Leonardo, et al. (See Benjamin, Ralph, assignor.)
- Mancini, Nichols, et al. (See Benjamin, Ralph, assignor.)
- Mancuso, Ralph, Brooklyn, assignor to National Card Mounting Company, Inc., New York, N. Y. Collapsible container. 2,139,239; Dec. 6.
- Mancuso, Ralph J., Brooklyn, assignor to Royal Mounters, Inc., Long Island City, N. Y. Display device. 2,141,216; Dec. 27.
- Mandel, Jacob. (See Scheinman, S., and Mandel.)
- Mandel, Jacob. (See Scheinman, Sol.)
- Mandel, Morris, Chicago, Ill. Safety equipment for boats. 2,107,542; Feb. 8.
- Mandelbaum, Malvin R., New York, N. Y., assignor to The Gray Processes Corporation, Newark, N. J. Treatment of hydrocarbon oil. 2,123,194; July 12.
- Mandell, Irving F., North Quincy, Mass., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Cap form feeding attachment for paper bottle capping machines. 2,104,931; Jan. 11.
- Mandell, Irving F., North Quincy, Mass., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Cup form waxing device for use in a paper bottle capping machine. 2,127,180; Aug. 16.
- Mandl, Sigmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Socket wrench. 2,108,866; Feb. 22.
- Mandusky, Edwin, Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America. Carton. 2,139,127; Dec. 6.
- Maney, Dorothy B. (See Charch, W. H., and Maney.)
- Maney, Dorthy B. (See Gladding, E. K., and Maney.)
- Maney, Thomas, Louisville, Ky. Tie-plate construction. 2,132,571; Oct. 11.
- Maney, Thomas, Louisville, Ky. Rail fastening. 2,132,572; Oct. 11.
- Mangels, Erwin G. (See Leppla, A. F., and Mangels.)
- Manger, Charles F., C. H. Wainwright, and G. A. Buswell, assignors to The Bentley Engineering Company Limited, Leicester, England. Circular knitting machine. 2,112,501; Mar. 29.
- Mangione, Michael J., Winsted, Conn. Tape holder and cutter. 2,117,253; May 10.
- Mangold, John A., Largo, Fla. Advertising and amusement device. 2,114,657; Apr. 19.
- Manhattan Company, President and Directors of the, trustee. (See Page, John E., assignor.)
- Manhattan Company, President and Directors of the. (See Powell, Henry K., assignor.)
- Manhattan Shirt Co., The. (See Sanders, Bertram, assignor.)
- Manickas, Peter, Pawtucket, R. I. Bracelet. 2,114,930; Apr. 19.
- Manickas, Peter, Pawtucket, R. I. Bracelet clasp. 2,137,920; Nov. 22.
- Manierre, George, Milwaukee, Wis. Book holder for reading stands. 2,136,701; Nov. 15.
- Manion, Charles H., Follansbee, W. Va. Pickling coiled metal. 2,122,913; July 5.
- Maniscalco, Pietro, Toledo, Ohio. Fluid compressor. 2,114,719; Apr. 19.
- Maniscalco, Pietro, Toledo, Ohio. Compressed air motor. 2,115,556; Apr. 26.
- Maniscalco, Pietro, Toledo, Ohio. Combination gasoline and oil engine. 2,128,006; Aug. 23.
- Maniscalco, Pietro, Toledo, Ohio. Internal combustion engine. 2,137,455; Nov. 22.
- Mankin, Lawrence O. (See Schneider, H. W., and Mankin.)
- Mankoff, Henry J., Wichita, Kans. Motor vehicle power transmission. 2,134,258; Oct. 25.
- Manley, Forest E., Galva, Ill. Trestle brace. 2,105,979; Jan. 18.
- Manley, Gilbert E. (See Pratt, J. H., Manley, and Girling.)
- Manley, Harold P., Niles Center, Ill. Short circuit tester for electronic tubes. 2,140,297; Dec. 13.
- Manley, Joseph E., St. Louis, Mo. Dish holding tray or basket. 2,119,821; June 7.
- Manley, Lee L., assignor, by mesne assignments, to Hugh H. Eby, Inc., Philadelphia, Pa. Circuit controller. 2,127,608; Aug. 23.
- Manley, Lee L., assignor, by mesne assignments, to Hugh H. Eby, Inc., Philadelphia, Pa. Multiple switch. 2,140,296; Dec. 13.
- Manley, Robert E. (See Enfield, Harold, assignor.)
- Manley, Robert E. (See Taveau, R. deM., Clarke, and Manley.)
- Manley, Robert E., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oil. 2,104,567; Jan. 4.
- Manley, Robert E., Beacon, assignor to The Texas Company, New York, N. Y. Liquid level control apparatus. 2,121,324; June 21.
- Manley, Robert E., B. Y. McCarty, and H. H. Gross, Beacon, assignors to The Texas Company, New York, N. Y. Solvent refining process. 2,121,323; June 21.
- Manly Corporation. (See Centervall, Hugo A., assignor.)
- Manly, Harold P., Niles Center, Ill. Tube tester. 2,141,479; Dec. 27.
- Manly, Howard P., to Manly Jail Works, Dalton, Ga. 2,104,661; Jan. 4.
- Manly Jail Works. (See Manly, Howard P., assignor.)
- Safety locking and operating system for cell doors.
- Mann, Alan M., trustee. (See McCaa, David G., assignor.)
- Mann, Blanche C., Evanston, Ill. Infant's sleeping garment. 2,130,771; Sept. 20.
- Mann, Cecil A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,138,660; Nov. 29.
- Mann, Charles S., Vancouver, British Columbia, Canada. Dispensing device for collapsible tubes. 2,116,904; May 10.
- Mann, Charles S., Vancouver, British Columbia, Canada. Dispensing head for collapsible tubes and the like. 2,127,040; Aug. 16.
- Mann, Chester S. (See Schreck, I. F., and Mann.)
- Mann, Elizabeth F., New York, N. Y. Hat. 2,138,642; Nov. 29.
- Mann, Gordon, Winchester, Mass. Fitted shoe packing box. 2,129,501; Sept. 6.



- Mann, Hubert, New York, N. Y. Galvanometer fiber or string. 2,131,478; Sept. 27.
- Mann, James H., Jr., St. Petersburg, Fla., assignor to Tire Pressure Control, Inc. Tire inflating device. 2,141,542; Dec. 27.
- Mann, James H., Jr., St. Petersburg, Fla., assignor to Tire Pressure Control, Inc. Tire inflating device. 2,141,543; Dec. 27.
- Mann, John V., assignor to Eclipse Textile Devices, Inc., Elmira, N. Y. Automatic tension device for bobbins. 2,109,543; Mar. 1.
- Mann, Joseph, Philadelphia, Pa., assignor of one-half to W. Borenstein, Brooklyn, N. Y.; E. Borenstein, administratrix of said W. Borenstein, deceased. Machine for making tufted work on fabrics. 2,116,176; May 3.
- Mann, Oscar O. (See Combs, W. J., and Mann.)
- Mann, Roy M., Burgettstown, Pa., assignor to Ohio Valley Safety Apparel Company, Steubenville, Ohio. Protector. 2,119,396; May 31.
- Mann, Walter D. (See Bergmann, Carl A., assignor.)
- Mannes, Leopold D., and L. Godowsky, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic color-forming compounds. 2,108,602; Feb. 15.
- Mannes, Leopold D., and L. Godowsky, Jr., Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Color photography. 2,113,329; Apr. 5.
- Mannes, Leopold D., and L. Godowsky, Jr., Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Color-forming developers. 2,113,330; Apr. 5.
- Mannes, Leopold D., L. Godowsky, Jr., and W. D. Peterson, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic color-forming compounds. 2,115,394; Apr. 26.
- Mannes, Leopold D., L. Godowsky, Jr., and W. D. Peterson, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic color-forming compounds. 2,126,337; Aug. 9.
- Mannesmannröhren-Werke Aktiengesellschaft, et al. (See Krus, A., and Steffe, assignors.)
- Manning, Bowman & Co. (See Ratliff, Karl, assignor.)
- Manning, Bruce H. (See Crombie, J. R., and Manning.)
- Manning, Emmett W. (See Walters, T. R., and Manning.)
- Manning, F. W., Company. (See Manning, Fred W., assignor.)
- Manning, Fred W., Pasadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Rechargeable filter. 2,128,589; Aug. 30.
- Manning Laboratories. (See McAuliffe, Joseph M., assignor.)
- Manning, M. (See Murphree, Alexander D., assignor.)
- Manning, Maxwell & Moore, Incorporated. (See Beck, R., and Briscoe, assignors.)
- Manning, Maxwell & Moore, Inc. (See Bising, James A. M., assignor.)
- Manning, Maxwell & Moore, Incorporated. (See Crocker, Ernest B., assignor.)
- Manning, Maxwell & Moore, Incorporated. (See Hopkins, Frank H., assignor.)
- Manning, Maxwell & Moore, Incorporated. (See Lewis, Dartrey, assignor.)
- Manning, Maxwell & Moore, Inc. (See Minty, John E., assignor.)
- Manning, Maxwell & Moore, Inc. (See Schramm, Christopher H., assignor.)
- Manning, Maxwell & Moore, Incorporated. (See Welch, Frederick W., assignor.)
- Manning, Paul D. V. (See Peebles, D. D., Manning, and Potbury.)
- Manning, Rodney W., Riverside, R. I. Valve adjusting device. 2,120,617; June 14.
- Mannington Mills, Incorporated. (See Campbell, Neil L., assignor.)
- Mannino, Philip, New York, N. Y. Automatic inking machine for typewriter ribbons and the like, with uninked portions. 2,128,098; Aug. 23.
- Mannist, Milton. (See Dellenbarger, C. E., and Mannist.)
- Manolis, Eustitheos. (See Manolis, George, assignor.)
- Manolis, George, assignor of one-half to E. Manolis, Chicago, Ill. Foot and leg covering, overgaiter, and the like. 2,126,022; Aug. 9.
- Manrodt, Kurt. (See Schmutzer, C., and Manrodt.)
- Mansfield, Newton, Ashland, Ohio. Insecticide applicator. 2,133,598; Oct. 18.
- Mansfield, Newton, and D. E. Clark, Ashland, Ohio. Insecticide applicator. 2,133,899; Oct. 18.
- Mansfield, William R. (See Boughton, W. A., and Mansfield.)
- Mansfield, William R., Fairview, assignor of one-half to J. Pimplano, Grantwood, N. J. Piston of the removable head type. 2,125,244; July 26.
- Manisch, Charles, East Orange, N. J. Refrigerator. 2,136,558; Nov. 15.
- Manson, Delbert W. (See Baker, E. C., and Manson.)
- Manson, Frank G., Dayton, Ohio. Life preserver. 2,128,423; Aug. 30.
- Mansur, Edward E., Jefferson City, Mo. Catamenial calendar. 2,118,354; May 24.
- Manthle, Otto F. (See Lench, E. C., and Manthle.)
- Mantle Lamp Company, The. (See Davis, Cortland W., assignor.)
- Mantle Lamp Company of America, The. (See Angelett, Joseph M., assignor.)
- Mantle Lamp Company of America, The. (See Whipple, Allen D., assignor.)
- Manton, James S., Oak Park, Ill. Bicycle. 2,135,257; Nov. 1.
- Mantz, Aloysius F., Los Angeles, Calif. Spring sash balance. 2,117,896; May 17.
- Mantz, Aloysius F., Los Angeles, Calif. Cable securing book and glider. 2,128,007; Aug. 23.
- Mantz, Harold. (See Thornbery, J. H., and Mantz.)
- Mantz, Harold A. (See Thornbery, J. H., and Mantz.)
- Mantz, Robert, New York, N. Y. Clasp ornament. 2,118,411; May 24.
- Manuel, Arthur F., New York, N. Y. Photographic electric exposure timing machine. 2,113,275; Apr. 5.
- Manuel, Charles J. (See Sheppard, J. F., Manuel, and Pringle.)
- Manufacture d'Armements et de Munitions Armu, Societe Anonyme. (See Liégeois, Pierre, assignor.)
- Manville, Charles T. (See Anderson, C., Baehr, Gay, and Manville.)
- Manville, E. J., Machine Company, The. (See Freter, Roy J., assignor.)
- Manville, E. J., Machine Company, The. (See Kearney, John J., assignor.)
- Manville Jenckes Corporation. (See Costa, Joseph L., assignor.)
- Manz, Otto H., Cleveland, Ohio. Duplicating machine. 2,114,850; Apr. 19.
- Manzano, Felix H., Buenos Aires, Argentina. Pencil. 2,117,439; May 17.
- Manzler, Clarence H., Rochester, N. Y. Memorandum book. 2,134,138; Oct. 25.
- Mapelsden, Harold H., Bridgeport, Conn., assignor to General Electric Company. Bushing. 2,115,495; Apr. 26.
- Mapes, Clyde W. (See Wise, A. G., Mapes, Chryst, and Fuchs.)
- Mapes, Dwight B. (See Dons, E. M., and Mapes.)
- Mapes, Dwight B. (See Dons, E. M., Mauro, and Mapes.)
- Mapes, Leslie A., Palisade, N. J., assignor to The Borden Company, New York, N. Y. Filling apparatus. 2,126,402; Aug. 9.
- Mapes, Travis N., Taft, Calif. Centering device. 2,114,228; Apr. 12.
- Mapson, Robert L., assignor to M. & D. Display Mfg. Corporation, Los Angeles, Calif. Display fixture. 2,109,255; Feb. 22.
- Marand, Frank, Saginaw, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Steel tappet construction. 2,113,895; Apr. 12.
- Marasco, Marshall, University City, Mo. Method and product of shoe-construction. 2,122,041; June 25.
- Marasco, Martin, Parlin, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Moistureproofed film. 2,140,089; Dec. 13.
- Marasco, Martin, Parlin, and E. B. Middleton, New Brunswick, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Antistatic photographic film. 2,139,689; Dec. 13.
- Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Proofer tray. 2,104,431; Jan. 4.
- Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Dough divider. 2,104,432; Jan. 4.
- Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Combined dough divider and rounder. 2,119,017; May 31.
- Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Combined divider and rounder. 2,119,018; May 31.
- Marathon Paper Mills Company. (See Abrams, A., and Forcey, assignors.)
- Marathon Paper Mills Company. (See Brabender, George J., assignor.)
- Marathon Paper Mills Company. (See Broeren, F. L., and Hope, assignors.)
- Marathon Paper Mills Company. (See Cocks, George W., assignor.)
- Marathon Paper Mills Company. (See Heifetz, Solomon A., assignor.)
- Marathon Paper Mills Company. (See Hill, Richard T., assignor.)
- Marathon Paper Mills Company. (See McConnell, Palmer B., assignor.)
- Marathon Paper Mills Company. (See Monk, Howard H., assignor.)
- Marathon Paper Mills Company. (See Morris, Elmer C., assignor.)
- Marathon Paper Mills Company. (See Mull, A. B., and Pradt, assignors.)
- Marathon Paper Mills Company. (See Mull, Arthur B., assignor.)
- Marathon Paper Mills Company. (See Pradt, Alan E., assignor.)
- Marathon Paper Mills Company. (See Rossman, J., and Wagner, assignors.)
- Marathon Paper Mills Company, et al. (See Sandborn, Lloyd T., assignor.)
- Marathon Paper Mills Company. (See Stewart, Edwin, assignor.)
- Marathon Paper Mills Company. (See Snyder, Donald A., assignor.)
- Marathon Paper Mills Company. (See Spald, Frank, assignor.)
- Marathon Paper Mills Company. (See Stompe, Albert W., assignor.)



- Marathon Paper Mills Company. (See Tishler, Lester A., assignor.)
- Marble, B. L., Chair Company, The. (See Parker, Clyde H., assignor.)
- Marble, Louis M., Canton, Pa. Garment hanger. 2,104,305; Jan. 4.
- Marbo Patents Inc. (See Gebauer-Fuelnegg, E., and Moffett, assignors.)
- Marbon Corporation. (See Gebauer-Fuelnegg, E., and Moffett, assignors.)
- Marbon Corporation. (See Gebauer-Fuelnegg, E., Moffett, and Kratz, assignors.)
- Marbon Corporation. (See Honigman, Hans, assignor.)
- Marbon Corporation. (See Kratz, E. M., Moffett, and Gebauer-Fuelnegg.)
- Marbon Corporation. (See McKenzie, John H., assignor.)
- Marbon Corporation. (See Moffett, E. W., Winkelmann, and Williams, assignors.)
- Marbon Corporation. (See Williams, F. E., and Irving, assignors.)
- Marbon Corporation. (See Williams, Floyd E., assignor.)
- Marbon Corporation. (See Winkelmann, Herbert A., assignor.)
- Marbon Corporation. (See Winkelmann, H. A., and Fridaker, assignors.)
- Marbon Corporation. (See Winkelmann, H. A., and Moffett, assignors.)
- Marbon Corporation. (See Winkelmann, H. A., Moffett, and Calvert, assignors.)
- Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Capacitor protective system. 2,125,077; July 26.
- Marcad, Eduard. (See Peeck, P., Johannesson, and Marcad.)
- Marcel, Francois R., Brooklyn, N. Y. Haircutting means. 2,118,850; May 31.
- Marcelli, Nicholas T., Collinsville, Calif. Fishing hook. 2,107,489; Feb. 8.
- Marcellus, Brooks, assignor to Barber-Colman Company, Rockford, Ill. Warper clock. 2,136,884; Nov. 15.
- Marcellus, Frederick S., Scotia, N. Y., assignor to General Electric Company. Air jet recorder. 2,139,508; Dec. 6.
- Marcellus, Frederick S., Scotia, N. Y., assignor to General Electric Company. Recorder. 2,139,509; Dec. 6.
- March Automatic Irrigation Company. (See Turner, Cecil E., assignor.)
- March Automatic Irrigation Company. (See Wilson, Charles O., assignor.)
- Marchand, Jean J. M. L., The Hague, Netherlands. Device for guiding and stacking letters and similar papers in letter sorting apparatus. 2,124,858; July 26.
- Marchant Calculating Machine Company. (See Mathi, Walter E., assignor.)
- Marchant, Frankie Lee, executrix. (See Marchant, William E.)
- Marchant, Guy O., et al. (See Walker, Jay P., assignor.)
- Marchant, Walter J., Coronado, Calif. Combination adjustable shelf and shelf supporting means. 2,132,743; Oct. 11.
- Marchant, William E., deceased, Detroit, Mich.; F. L. Marchant, executrix. Riveting machine. 2,131,688; Sept. 27.
- Marchek, Joseph H., assignor of one-half to L. Toucher, Homedale, Idaho. Ditch bank mowing machine. 2,139,310; Dec. 6.
- Marchetti, Guido, Bakersfield, Calif. Electrical measuring instrument. 2,116,950; May 10.
- Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating mechanism. 2,131,112; Sept. 27.
- Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,131,113; Sept. 27.
- Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Moistening means for duplicators. 2,135,824; Nov. 8.
- Marchev, Alfred, La Grange, Ill., and V. M. Leach, Rushville, Ind., assignors to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,105,195; Jan. 11.
- Marchev, Alfred, La Grange, and H. Jagger, assignors to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,130,962; Sept. 20.
- Marchner, Joseph A., Rochester, N. Y. Heating device for automobiles. 2,135,981; Nov. 8.
- Marchok, John M. (See Salsman, T. J., and Marchok.)
- Marco, Fred W., Albany, assignor, by mesne assignments, to Kite Mold Company, Los Angeles, Calif. Tire re-treading machine. 2,121,252; June 21.
- Marcus, Nathan, Union City, N. J. Controlled valve. 2,113,849; Apr. 12.
- Marcus, Samuel, Belle Harbor, N. Y., assignor, by mesne assignments, to Margon Corporation, Bayonne, N. J. Mannikin with eyes and lashes. 2,111,150; Mar. 15.
- Marcus, Samuel, New York, N. Y., assignor, by mesne assignments, to Margon Corporation, Bayonne, N. J. Rolling eye set. 2,119,214; May 31.
- Marcus, Tien, assignor to Holland Shoe Company, Holland, Mich. Shoe. 2,112,296; Mar. 29.
- Marcy, Frank E., San Diego, Calif. Ball mill. 2,115,820; May 3.
- Mardel Corporation. (See Ladue, Ralph E., assignor.)
- Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Electrode for discharge lamps. 2,112,855; Apr. 5.
- Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Seal for discharge lamps. 2,123,015; July 5.
- Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Mercury vapor lamp. 2,129,357; Sept. 6.
- Marden, Oscar W., Drexel Hill, Pa. Stocking. 2,104,901; Jan. 11.
- Marden, William L. (See Hazard, C. S., and Marden.)
- Marden, William L., Jackson Heights, N. Y., assignor to Neptune Meter Company. Dispensing apparatus. 2,109,178; Feb. 22.
- Marden, William L., Jackson Heights, Long Island, N. Y., assignor to Neptune Meter Company. Automatic zeroizing device for dispensing pumps. 2,132,637; Oct. 11.
- Marden, William L., Jackson Heights, N. Y., assignor to Neptune Meter Company. Delivery recorder reset. 2,134,525; Oct. 25.
- Mardis, Paul L., and E. A. Binney, Ilkley, assignors to The English Electric Company Limited, London, England. Electric traction motor control system. 2,121,605; June 21.
- Mares, Joseph R., St. Louis, Mo. Catalytic liquid phase oxidation of aromatic hydrocarbons. 2,120,672; June 14.
- Mares, Joseph R., assignor to Monsanto Chemical Company, St. Louis, Mo. Chlorination of benzene. 2,111,866; Mar. 22.
- Mares, Joseph R., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of cresols and higher phenols by fusion. 2,139,372; Dec. 6.
- Mareta, Joseph, Marseilles, Ill. Seasoning poultry. 2,128,952; Sept. 6.
- Margles, Samuel G. (See Eckerson, H. I., Finn, and Margles.)
- Margles, Samuel G., Brooklyn, assignor to Otis Elevator Company, New York, N. Y. Moving stairway. 2,128,310; Aug. 30.
- Margles, Samuel G., Brooklyn, N. Y., and A. Fabula, Bayonne, N. J., assignors to Otis Elevator Company, New York, N. Y. Moving stairway. 2,111,433; Mar. 15.
- Margles, Samuel G., Brooklyn, N. Y., and A. Fabula, Bayonne, N. J., assignors to Otis Elevator Company, New York, N. Y. Moving stairway. 2,114,805; Apr. 19.
- Margolis, Morris. (See Biddle, John, assignor.)
- Margon Corporation. (See Marcus, Samuel, assignor.)
- Margrave, Charles B., assignor of one-half to A. I. Breslow, Los Angeles, Calif. Casing perforator. 2,108,172; Feb. 15.
- Marguerat, Robert, and E. M. Chevrier, Montrouge, France. Apparatus for producing hollow articles or containers from paper pulp. 2,131,813; Oct. 4.
- Marguerat, Robert, and E. M. Chevrier, Montrouge, France. Apparatus for finishing hollow articles produced directly from paper pulp. 2,135,825; Nov. 8.
- Margulies, John, Yonkers, N. Y., and D. H. Young, East Orange, N. J.; said Young assignor to said Margulies. Sweatband for hats. 2,105,980; Jan. 18.
- Margulies, Samuel, New York, N. Y. Adjustable reflector. 2,137,881; Nov. 22.
- Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Radio receiver dial apparatus. 2,121,762; June 21.
- Marien, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston ring. 2,128,372; Aug. 30.
- Marine Chemicals Company. (See Chesny, Heinz H., assignor.)
- Marino, John J., New York, N. Y. Snow removal machine. 2,125,797; Aug. 2.
- Marino, Salvatore F., Plainville, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,118,891; May 31.
- Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Separable fastener. Re. 20,795; July 12.
- Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Manufacturing end stops for separable fasteners. 2,115,369; Apr. 26.
- Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Die cast separable fastener. 2,117,897; May 17.
- Marinsky, Davis, assignor to Whitehall Patents Corporation, New York, N. Y. Separable fastener. 2,123,512; July 12.
- Marinsky, Davis, assignor to Whitehall Patents Corporation, Bronx, N. Y. Slider and stop coupling for separable fasteners. 2,123,513; July 12.
- Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Reversible lock slider. 2,131,567; Sept. 27.
- Marinsky, Davis, assignor to Whitehall Patents Corporation, Bronx, N. Y. End tape coupling for separable fasteners. 2,141,006; Dec. 20.
- Marion, Armand J., Huntington, Mass. Automobile lighting equipment. 2,113,850; Apr. 12.
- Marion Steam Shovel Company. (See Bixby, Kenneth E., assignor.)



- Marion Steam Shovel Company, The. (See Shelton, D. J., and Jacoby, and Hefelfinger, assignors.)
- Mariotti, Alberto. (See Levi, M. G., Mariotti, and Ciarrocchi.)
- Marique, Jean, Uccle, assignor to Société Anonyme Internationale de Télégraphie sans Fils, Brussels, Belgium. Apparatus and process for determining the position of a moving object. 2,127,415; Aug. 16.
- Maris, James C., Glenolden, Pa. Steam dome. 2,131,537; Sept. 27.
- Marischal, Omer M. C., Saint Die, France. Signaling lamp. 2,135,826; Nov. 8.
- Mark, Hermann, Mannheim, and C. Wulff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of styrenes. 2,110,833; Mar. 8.
- Mark, Jacob G. (See Kennedy, H. L., and Mark.)
- Mark, Jacob G., Brookline, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Concrete and hydraulic cement. 2,141,570; Dec. 27.
- Markel Electric Products, Inc. (See MacFadden, Glenn E., assignor.)
- Markel Electric Products, Inc. (See Markel, J., and Ripley, assignors.)
- Markel, Joseph, and D. L. Ripley, assignors to Markel Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 2,117,188; May 10.
- Markel, Leon. (See Davis, W. H. H., and Markel.)
- Markel, Leon. (See Reynolds, F. L., and Markel.)
- Markell, Eastman M. (See Price, Carl M., assignor.)
- Markem Machine Company. (See Robbins, C. F., and Cheeseman, assignors.)
- Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Production of cis-androstosterone. 2,121,483; June 21.
- Markert, John, New York, N. Y. Adjustable stand. 2,107,124; Feb. 1.
- Markham, J. P., Jr., et al. (See Wenzel, Charles S., assignor.)
- Markia Corporation. (See Goldmark, Peter C., assignor.)
- Markin, Louis, assignor to Alfred Decker & Cohn, Inc., Chicago, Ill. Garment fly closure. 2,136,702; Nov. 15.
- Markle, George B., Jr., Hazleton, Pa. Device for holding fowls and the like. 2,111,456; Mar. 15.
- Markle, George B., Jr., assignor to Freeland Spool and Bobbin Corp., Hazleton, Pa. Bobbin. 2,109,430; Feb. 22.
- Markle, Matthew G., Lake Bluff, and L. W. Tuttle, Mount Prospect, Ill. Atomizing type oil fogger. 2,109,136; Feb. 22.
- Markley, George E., Cleveland Heights, Ohio. Mechanical movement applicable to material screening apparatus. 2,109,395; Feb. 22.
- Markoe, John, et al. (See Weinberger, Galen E., assignor.)
- Markowitz, Jerome, Allentown, Pa. Radio tube oscillator. 2,140,267; Dec. 13.
- Markowitz, Oscar, New York, N. Y. Inspection wrapper for necktie sets. 2,104,999; Jan. 11.
- Marks, Albert A., West Allis, Wis. License plate holder. 2,108,591; Feb. 15.
- Marks, Alvin M., Whitestone, N. Y. Crystalline formation. 2,104,949; Jan. 11.
- Marks, Barnard M., Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified resin composition. 2,109,573; Mar. 1.
- Marks, Barnard M., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of organic chemicals. 2,109,595; Mar. 1.
- Marks, Barnard M., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization. 2,122,886; July 5.
- Marks, Barnard M., Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of pigmented plastics. 2,136,450; Nov. 15.
- Marks, Charles L., Pittsfield, Mass., assignor to General Electric Company. Terminal for electric cables. 2,125,121; July 26.
- Marks, Ernest M., Lansdowne, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of rubber and related hydrocarbons. 2,109,495; Mar. 1.
- Marks, Herbert E., Sewickley, Pa. Panel structure. 2,104,089; Jan. 4.
- Marks, Isidore, assignor to Keystone Mfg. Co., Boston, Mass. Film reel. 2,119,913; June 7.
- Marks, Jean. (See Green, L., and Marks.)
- Marks, Lyle W., et al. (See Rogers, Charles M., assignor.)
- Marks, Saul H., New York, N. Y. Garment bag. 2,128,099; Aug. 23.
- Markson, Alfred A., Kew Gardens, N. Y., assignor to J. M. Hopwood, Dormont, Pa. Control system for steam refrigerating systems. 2,136,114; Nov. 8.
- Marksworth, Ernst. (See Debusch, C. P., and Marksworth.)
- Markush, Eugene A., Jersey City, N. J., assignor to Pharma Chemical Corporation, New York, N. Y. Dyeing. 2,113,029; Apr. 5.
- Markush, Eugene A., Jersey City, and J. Miller, Newark, N. J., assignors to Pharma Chemical Corporation, New York, N. Y. Dye solution. 2,105,326; Jan. 11.
- Markush, Eugene A., Jersey City, M. S. Mayzner, Asbury Park, and J. Miller, Newark, N. J., assignors to Pharma Chemical Corporation, New York, N. Y. Bis-diazo-dimino compounds. 2,110,270; Mar. 8.
- Markwood, Louis N., Washington, D. C., dedicated to the free use of the people of the United States of America. Making an insecticide. 2,107,058; Feb. 1.
- Markwood, Louis N., Washington, D. C. Insoluble reaction products of peat and making same. 2,123,248; July 12.
- Markwood, Louis N., Washington, D. C. Funnel heating device. 2,135,551; Nov. 8.
- Marley Company, The. (See Kell, Waldo R., assignor.)
- Marlin-Rockwell Corporation. (See Barish, Thomas, assignor.)
- Marling, Paul E., Dayton, Ohio, assignor, by mesne assignments, to Monsanto Chemical Company. Modified oil-soluble phenolic resin. 2,115,557; Apr. 26.
- Marlow, Reidar, Greenwich, Conn. Wind-operated sailboat rudder. 2,112,171; Mar. 22.
- Marlowe, Harold J., New Rochelle, assignor to Marlowe Products Inc., New York, N. Y. Exercising machine. 2,107,447; Feb. 8.
- Marlowe, Harold J., New Rochelle, assignor to Marlowe Products Inc., New York, N. Y. Exercising machine. 2,107,449; Feb. 8.
- Marlowe, Harold Jay, New Rochelle, N. Y. Hobbyhorse. 2,107,448; Feb. 8.
- Marlowe Products Inc. (See Marlowe, Harold J., assignor.)
- Marmignon, Pierre. (See Brisson, L. C., and Marmignon.)
- Marmion-Herrington Company. (See Herrington, Arthur W., assignor.)
- Marmorek, Simon. (See Ecker, Charles, assignor.)
- Maro Corporation. (See Ross, Aylmer O., assignor.)
- Marofsky, Aaron, Chelsea, Mich. Apparatus for shearing metal. 2,110,947; Mar. 1.
- Marogg, Richard, New York, N. Y. Brush and bristles therefor. 2,138,872; Dec. 6.
- Maroney, John G., Lacanada, and J. I. Willfong, Montebello, Calif. Compress for steel shavings. 2,133,939; Oct. 18.
- Marovitz, Edward. (See Kantor, J., and Marovitz.)
- Marqua, Edward C., Kansas City, Mo. Ceiling structure. 2,130,285; Sept. 13.
- Marquard, Oscar. (See Schneider, B., and Marquard.)
- Marquart, Frank, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Mill department control. 2,124,518; July 19.
- Marquette Cement Manufacturing Company. (See Miller, Arthur F., assignor.)
- Marquis, Burton J., Portland, Oreg. Heat and power generator. 2,115,821; May 3.
- Marquis, Raymond E. (See Sinkwich, Vincent J., assignor.)
- Marr, Arthur P. (See Marr, George M. and A. P.)
- Marr, George M., New York, and A. P. Marr, Brooklyn, assignors to Air Conditioners, Inc., New York, N. Y. Air conditioning apparatus. 2,122,482; July 5.
- Marr, Philip G., Walton on Thames, England. Method and apparatus for spraying powder or the like. 2,123,537; July 12.
- Marran, Martin J., Oakland, Calif., assignor, by mesne assignments, to California Typewriter & Adding Machine Co., Inc. Office equipment cleaning process. 2,121,361; June 21.
- Marrapese, Marius. (See Pilger, J., and Marrapese.)
- Marrsford, William F., Niagara Falls, N. Y. Apparatus for starting race horses. 2,136,365; Nov. 15.
- Mariotti, Thomas, Fayette City, Pa., assignor to The American Steel and Wire Company of New Jersey. Chain cradle. 2,130,986; Sept. 20.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequently indicating and controlling apparatus. 2,111,598; Mar. 22.
- Mars, Thomas H., and H. C. Behrens, assignors to Duplex Printing Press Company, Battle Creek, Mich. Hydraulic mat roller. 2,133,750; Oct. 18.
- Marsack, Max, Milwaukee, Wis. Mattress. 2,112,850; Apr. 5.
- Marsack, Max, assignor to L. O. N. Bedding Company, Milwaukee, Wis. Mattress. 2,105,923; Jan. 18.
- Marsch, Louis, Morrisville, Ill. Trailer hitch. 2,117,562; May 17.
- Marsden, Charles, Bombay, British India. Yarn winding machine. 2,128,786; Aug. 30.
- Marsden, Charles, Ahmedabad, Bombay, British India. Machine for winding yarn and the like. 2,128,787; Aug. 30.
- Marsden, Charles, Ahmedabad, Bombay Presidency, India. Machine for winding yarn and the like. 2,136,514; Nov. 15.
- Marsden, George, Los Angeles, Calif. Changing display weighing machine. 2,101,671; Feb. 8.
- Marsden, George P. (See Stabler, E., and Marsden.)
- Marsden, George P., assignor to Food Machinery Corporation, San Jose, Calif. Clutch mechanism. 2,101,263; Jan. 4.
- Marsden, Leonard, Newton le Willows, England. Machine for depositing cream, chocolate, or the like on biscuits. 2,109,336; Feb. 22.
- Marsden, Ernest J., Brooklyn, N. Y. Adjustable book holder. 2,140,805; Dec. 20.



- Marsh, August, Newark, N. J. Doll. 2,137,371; Nov. 22.
- Marsh, Benjamin H. (See Marsh, Daniel W. and B. H.)
- Marsh, Clarence E., St. Joseph, Mo. Minnow bucket. 2,140,962; Dec. 20.
- Marsh, Daniel W. and B. H., Oakland, Calif. Manufacture of complex metallic salt. 2,104,754; Jan. 11.
- Marsh, Emma L. (See Brennan, J. B., and Marsh.)
- Marsh, Frederick J., Riccarton, Christchurch, New Zealand. Resilient pad for use in conjunction with horse-shoes. 2,126,904; Aug. 16.
- Marsh, Harold A., Brooklyn, N. Y. Filler cap fastener. 2,109,137; Feb. 22.
- Marsh, Harry C., assignor of one-fourth to E. Richardson, Long Beach, Calif. Wrist pin lock. 2,141,720; Dec. 27.
- Marsh, Harry E., New Philadelphia, Pa., assignor to Marsh Wall Products, Inc., Dover, Ohio. Scored wall-board. 2,137,896; Nov. 22.
- Marsh, Harry M., Hamilton, Ontario, Canada, assignor to The Bahnsen Company, Winston-Salem, N. C. Atomizer head. 2,140,188; Dec. 13.
- Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,061; Sept. 27.
- Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,352; Sept. 27.
- Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,353; Sept. 27.
- Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,354; Sept. 27.
- Marsh, Henry N., assignor to Hercules Powder Company, Wilmington, Del. Propellant explosive. 2,131,383; Sept. 27.
- Marsh, Howard E., Ventura, Calif. Hydraulic brake. 2,115,273; Apr. 26.
- Marsh, Howard E., Ventura, Calif. Hydraulic brake. 2,125,640; Aug. 2.
- Marsh, Jas. P., Corporation. (See Seegers, Hans, assignor.)
- Marsh, Laura A., Portland, Maine. Protective shield for kitchen sinks and the like. 2,131,111; Sept. 27.
- Marsh Wall Products, Inc. (See Marsh, Harry E., assignor.)
- Marsh, Walton C., Belleville, Ill. Making dies. 2,140,806; Dec. 20.
- Marsh, William J., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Friable chlorinated naphthalene wax. 2,112,109; Mar. 22.
- Marsh, William J., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Lubricant of high film strength. 2,125,169; July 26.
- Marsh, William J., and J. A. Spina, Niagara Falls, assignors to Hooker Electrochemical Company, New York, N. Y. Chlorinated benzene compounds useful as film-strengthening agents for lubricants and producing them. 2,118,214; May 24.
- Marsh, William J., and J. A. Spina, Niagara Falls, assignors to Hooker Electrochemical Company, New York, N. Y. Lubricant of high film strength. 2,118,215; May 24.
- Marsh, William J., and J. A. Spina, Niagara Falls, assignors to Hooker Electrochemical Company, New York, N. Y. High film strength lubricant compositions. 2,118,216; May 24.
- Marsh, William J., and J. A. Spina, Niagara Falls, assignors to Hooker Electrochemical Company, New York, N. Y. Lubricant compositions of high film strength. 2,118,217; May 24.
- Marshall, Albert T., Petaluma, Calif. Combination signal and flashlight. 2,114,635; Apr. 19.
- Marshall, Alexander, Portland, Oreg. Air cleaner. 2,134,978; Nov. 1.
- Marshall, Alfred H. (See Parkins, W. A., and Marshall.)
- Marshall, Anna, et al. (See Marshall, Edward W., assignor.)
- Marshall, Bruce D., and T. J. McCormick, Detroit, Mich. Heat sensitive device. 2,122,820; July 5.
- Marshall, Charles E. (See Ellis, Charles A., assignor.)
- Marshall, Charles O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,128,491; Aug. 30.
- Marshall, Clifford L., assignor to Mono Service Company, Newark, N. J. Paper container. 2,125,771; Mar. 29.
- Marshall, Clinton E., New York, N. Y. Pencil and pen clip. 2,130,853; Sept. 20.
- Marshall, Donald E., Palos Verdes Estates, Calif. Speed indicating device for vehicles. 2,117,440; May 17.
- Marshall, Donald E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignition seal. 2,130,888; Sept. 20.
- Marshall, Donald E., Clifton Allwood, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sealed-off ignitron. 2,140,369; Dec. 13.
- Marshall, Donald E., Palos Verdes Estates, Calif. System for policing vehicles in traffic. 2,140,918; Dec. 20.
- Marshall, Edward W., assignor of thirty-three per cent to A. Marshall and fifteen per cent to A. B. Alexander, Chicago, Ill. Bathtub. 2,128,424; Aug. 30.
- Marshall, George S., assignor to Highway Marking Machine Company, Laredo, Tex. Road marking device. 2,130,356; Sept. 20.
- Marshall, George W., Blue Springs, Mo. Bolt anchor. 2,139,167; Dec. 6.
- Marshall, Hamilton L. J., assignor to Osteograf Co., Inc., Troy, Ala. Portable self-contained X-ray apparatus. 2,106,873; Feb. 1.
- Marshall, James F., Auburn, N. Y. Shoe construction. 2,104,048; Jan. 4.
- Marshall, James G., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Acetylene generator. 2,126,902; Aug. 16.
- Marshall, James K. (See Soref, H. E., and Marshall.)
- Marshall, James P., Coventry, R. I., assignor, by mesne assignments, to Goodyear Footwear Corporation. Press for attaching rubber trim. 2,134,723; Nov. 1.
- Marshall, John, Pollokshaws, Glasgow, Scotland. Ventilator. 2,125,454; Aug. 2.
- Marshall, John L., assignor to United Hosiery Mills Corporation, Chattanooga, Tenn. Elastic top hosiery. 2,127,780; Aug. 23.
- Marshall, Laurence K., Cambridge, assignor, by mesne assignments, to Raytheon Production Corporation, Newton, Mass. Space discharge tube stem machine. 2,109,544; Mar. 1.
- Marshall, Laurence K., Cambridge, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electrical discharge device. 2,115,147; Apr. 26.
- Marshall, Leonard C. (See Harvey, W. D., and Marshall.)
- Marshall, Louise M., Shaker Heights, Ohio. Garment hanger. 2,122,617; July 5.
- Marshall, Philip P., Ford City, assignor to Pittsburgh Plate Glass Company, Allegheny, Pa. Apparatus for bending glass sheets. 2,137,115; Nov. 15.
- Marshall, Robert M., Alameda, Calif. Adjustable strapless slip. 2,113,795; Apr. 12.
- Marshall, Robert N., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,104,433; Jan. 4.
- Marshall, Robert N., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,126,566; Aug. 9.
- Marshall, Robert N., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,131,593; Sept. 27.
- Marshall, Thomas A., San Pedro, Calif. Radio receiving system. 2,127,525; Aug. 23.
- Marshall, Thomas C., Fairfield, Conn. Insulating lining for electric light sockets. 2,120,150; June 7.
- Marshall, Thomas C., Yorklyn, Del. Internal combustion motor. 2,124,492; July 19.
- Marshall, Tola A., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,106,357; Jan. 25.
- Marshall, Walter R., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Resinous compositions. 2,126,794; Aug. 16.
- Marshall, William. (See Ball, A. P., and Marshall.)
- Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Ventilating window. 2,110,337; Mar. 8.
- Marshall, William, and P. M. Camiener, assignors to Briggs Manufacturing Company, Detroit, Mich. Dome light assembly. 2,116,317; May 3.
- Marshall, William B., assignor to Chain belt Company, Milwaukee, Wis. Valve. 2,112,630; Mar. 29.
- Marshall, William B., assignor to Chain Belt Company, Milwaukee, Wis. Triturating apparatus. 2,131,689; Sept. 27.
- Marshall, William B., assignor to Chain Belt Company, Milwaukee, Wis. Sedimentation apparatus. 2,131,690; Sept. 27.
- Marshall, William J., Framingham, assignor to George O. Jenkins Company, Bridgewater, Mass. Making packing. 2,110,303; Mar. 8.
- Marshauss, Anthony J., East Cleveland, Ohio, assignor to General Electric Company. Tubular lamp base and socket. 2,137,174; Nov. 15.
- Marshauss, Anthony J., East Cleveland, Ohio, assignor of one-half to A. Ebert, Cleveland, Ohio. Fishing reel. 2,141,817; Dec. 27.
- Marsico, Ernesto, and A. Albini, Vandergrift, Pa. Toy. 2,122,103; June 28.
- Marsilius, Newman M., assignor, by mesne assignments, to The Bridgeport Bronze Company, Bridgeport, Conn. Vertical spindle milling machine. 2,118,259; May 24.
- Marsilius, Newman M., assignor, by mesne assignments, to The Bridgeport Bronze Company, Bridgeport, Conn. Crankshaft milling machine. 2,118,260; May 24.
- Marsters, Ernest R., Boston, and H. S. Bird, Belmont, Mass. Signal light. 2,122,008; June 28.
- Marston, James E., Bralorne, British Columbia, Canada. Precast hollow slab concrete construction system. 2,139,623; Dec. 6.
- Martel, Adelfard F., assignor of one-half to G. W. Gates, Burlingame, Calif. Traffic signal system. 2,119,593; June 7.
- Martel, James P., Evanston, Ill., assignor to Oliver United Filters, Incorporated, San Francisco, Calif. Drier. 2,106,915; Feb. 1.
- Martelli, Ivo, Parma, Italy. Transmission gearing for vehicles and the like. 2,128,425; Aug. 30.



- Marten, Paul J., San Francisco, Calif. Valve guide. 2,121,362; June 21.
- Marten, Raymond L., St. Louis, Mo. Sign. 2,120,106; June 7.
- Martens, Friedrich, Hamburg, Germany. Device for delivering slips of memorandum paper. 2,123,514; July 12.
- Martensson, Erik E., Stockholm, Sweden. Testing apparatus. 2,105,542; Jan. 18.
- Marth, Paul, Dusseldorf, Germany. Making shaped bodies from hard substances. 2,116,399; May 3.
- Marth, Paul, Dusseldorf, Germany. Hard substance alloy. 2,116,400; May 3.
- Martin, Adrian, New York, N. Y. Time switch. 2,125,733; Aug. 2.
- Martin, Alfred M., Park Ridge, Ill. Loose leaf binder. 2,129,223; Sept. 6.
- Martin, Alfred M., Park Ridge, Ill. Loose leaf device. 2,129,224; Sept. 6.
- Martin, Alfred M., Park Ridge, Ill. Slip accounting means. 2,140,206; Dec. 13.
- Martin, Alfred M., Park Ridge, Ill. Slip accounting means. 2,140,207; Dec. 13.
- Martin, Allan F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Arc lamp. 2,129,530; Sept. 6.
- Martin, André L., Paris, France. Loose leaf binding. 2,127,416; Aug. 16.
- Martin, Armor B., Butte, Mont., and H. N. Wade, Los Angeles, Calif. Apparatus for determining dew point of gases. 2,108,173; Feb. 15.
- Martin, Charles. (See Bradshaw, Charles E., assignor.)
- Martin, Charles H., et al. (See Meinhold, Charles L., assignor.)
- Martin, Charles H., et al. (See Morris, James H., assignor.)
- Martin, Charles R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Roller gate. 2,132,307; Oct. 4.
- Martin, Curtis J., Oak Park, assignor, by mesne assignments, to Electric Lamp Corporation, Chicago, Ill. Incandescent lamp. 2,127,226; Aug. 16.
- Martin, David, Pittsburgh, Pa. Building wall structure. 2,137,759; Nov. 22.
- Martin, De Loss K. (See Kleinkauf, J. D., and Martin.)
- Martin, Earl, assignor to G. H. Glade, Jr., Chicago, Ill. Electrical conductor terminal cap. 2,115,642; Apr. 26.
- Martin, Edward G., Portland, Oreg., and E. E. Stark, Olympia, Wash. Making paper fasteners. 2,132,693; Oct. 11.
- Martin, Edward J., East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Sulphuric acid treatment of dewaxed petroleum stocks at low temperature. 2,140,161; Dec. 13.
- Martin, Edward L., Providence, and J. F. Jackson, Pawtucket, R. I., assignors to H. & B. American Machine Company. Drafting mechanism. 2,141,219; Dec. 27.
- Martin, Elmer R., Springfield, assignor to The Williams Company, London, Ohio. Steel wool pad. Re. 20,919; Nov. 15.
- Martin, Elmer R., Springfield, assignor to The Williams Company, London, Ohio. Steel wool pad. 2,123,338; July 12.
- Martin, Elmer R., Springfield, assignor to The Williams Company, London, Ohio. Steel wool package. 2,132,958; Oct. 11.
- Martin, Elsie L., Drexel Hill, Pa. Breast pad and the like. 2,108,205; Feb. 15.
- Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Mechanical synchronizing device. 2,105,089; Jan. 11.
- Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Oppositely rotating coaxial propellers. 2,123,057; July 5.
- Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller. 2,124,351; July 19.
- Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Aeronautical propeller. 2,135,190; Nov. 1.
- Martin, Fletcher E. (See Nutter, I. E., Martin, and McCullough.)
- Martin, Francis D. (See Buell, E. J., and Martin.)
- Martin, Frank M. (See Edes, F. R., and Martin.)
- Martin, Fred P., et al. (See Meinhold, Charles L., assignor.)
- Martin, Fred P., et al. (See Morris, James H., assignor.)
- Martin, Friedrich, Oberhausen, and O. Rothen and W. Feisst, Oberhausen Holten, Germany. Producing hydrocarbons from carbon monoxide and hydrogen. 2,127,127; Aug. 16.
- Martin, George D., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, Wilmington, Del. Preservation of rubber. 2,134,139; Oct. 25.
- Martin, George D., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Mineral oil composition and producing same. 2,137,175; Nov. 15.
- Martin, George E. (See Chase, T. P., and Martin.)
- Martin, Glenn L., Company, The. (See Gray, R. B., and Shealey, assignors.)
- Martin, Glenn L., Company, The. (See Helwig, Drew M., assignor.)
- Martin, Glenn L., Company, The. (See Klemm, H. G., and Boulton, assignors.)
- Martin, Glenn L., Company, The. (See McDonnell, J. S., Jr., and Helwig, assignors.)
- Martin, Glenn M., Company, The. (See Baechle, Claire M., assignor.)
- Martin, H. V. (See Kovach, Frank, assignor.)
- Martin, Harry C., and F. A. Upper, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and manufacturing the same. 2,114,229; Apr. 12.
- Martin, Harry C., F. A. Upper, and J. B. Aust, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacturing coated abrasive articles. 2,129,954; Sept. 13.
- Martin, Henry, assignor to the firm of J. R. Geigy S. A., Basel, Switzerland. Textile or the like pestproofing medium and use. 2,127,879; Aug. 23.
- Martin, Henry, and R. Hirt, assignors to the firm J. R. Geigy S. A., Basel, Switzerland. Mothproofing composition. 2,123,572; July 12.
- Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Insulating compositions. 2,133,301; Oct. 18.
- Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Transparent organic derivatives of cellulose. 2,138,184; Nov. 29.
- Martin, Herbert E., and D. A. Ensor, Cumberland, Md., assignors to Celanese Corporation of America. Noncorrosive organic derivatives of cellulose. 2,105,543; Jan. 18.
- Martin, Herbert E., and D. A. Ensor, Cumberland, Md., assignors to Celanese Corporation of America. Preparation of organic derivatives of cellulose. 2,105,544; Jan. 18.
- Martin, Herbert E., and D. A. Ensor, Cumberland, Md., assignors to Celanese Corporation of America. Preparation of noncorrosive organic derivatives of cellulose. 2,109,496; Mar. 1.
- Martin, Hubert, Cranston, R. I. Liquid barrel bung and cork reamer. 2,139,554; Dec. 6.
- Martin, J. B., Company. (See Johnson, H. D., Jr., and Sullivan, assignors.)
- Martin, James A., assignor of one-half to E. Flowers, Laurel, Miss. Bottle heater. 2,137,676; Nov. 22.
- Martin, James H., Detroit, Mich. Clip forming apparatus. 2,113,030; Apr. 5.
- Martin, James P., assignor to Lancaster Iron Works, Incorporated, Lancaster, Pa. Mixing machine. 2,112,992; Apr. 5.
- Martin, James S., assignor to Sangamo Electric Company, Springfield, Ill. Meter base and cover. 2,127,041; Aug. 16.
- Martin, James S., assignor to Sangamo Electric Company, Springfield, Ill. Electrical terminal. 2,136,366; Nov. 15.
- Martin, James V., Garden City, N. Y. Vehicle suspension. 2,121,504; June 21.
- Martin, James W., Yonkers, N. Y. Vending packet. 2,119,019; May 31.
- Martin, John A., Indianapolis, Ind. Speed governor. 2,128,754; Aug. 30.
- Martin, John B., assignor to Strutwear Knitting Company, Minneapolis, Minn. Measuring and marking device. 2,134,195; Oct. 25.
- Martin, John T., near Hanover, Kans. Hay handling apparatus. 2,109,907; Mar. 1.
- Martin, Joseph, San Francisco, Calif. Agitator. 2,121,983; July 26.
- Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Couch bed. 2,118,050; May 24.
- Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Couch bed. 2,125,940; Aug. 9.
- Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Tinting button. 2,139,128; Dec. 6.
- Martin, Joseph H., Seattle, Wash. Attaching hooks to fishing lures. 2,110,382; Mar. 8.
- Martin, Julian F., Cleveland, Ohio. Valve. 2,136,216; Nov. 8.
- Martin, Karl, Rathenow, Germany. Motor locomotive. 2,127,878; Aug. 23.
- Martin, Lawrence R. (See Witte, O., and Martin.)
- Martin, Lawrence R. (See Witte, O., Martin, and Smiley.)
- Martin, Lawrence R., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, New York, N. Y. Film guide for film magazines. 2,104,744; Jan. 11.
- Martin, Lawrence R., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, New York, N. Y. Indicating system for motion picture cameras. 2,124,883; July 26.
- Martin, Lawrence R., assignor to Eastman Kodak Company, Rochester, N. Y. Contrasty glass plate. 2,139,743; Dec. 13.
- Martin, Louis L., Toronto, Ontario, Canada. Tobacco pipe. 2,113,181; Apr. 5.
- Martin, Michael A., Los Angeles, Calif. Gas refrigeration systems. 2,126,087; Aug. 9.
- Martin, Michael T., Ann Arbor, Mich. 2,130,000; Nov. 15.
- Martin, Moses, New York, N. Y. Multiple claspable button. 2,135,086; Nov. 1.



- Martin-Parry Corporation. (See Buquor, Adolph P., assignor.)
- Martin-Parry Corporation. (See Small, Frederick M., assignor.)
- Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,104,591; Jan. 4.
- Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,110,304; Mar. 8.
- Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,123,538; July 12.
- Martin, Peter R., assignor to Fuel Treating Products Co., Chicago, Ill. Treatment of calcium magnesium chloride. 2,124,233; July 19.
- Martin, Raymond G., Washington, Pa., assignor to Solar Laboratories. Stenciling apparatus. 2,127,128; Aug. 16.
- Martin, Richard H., assignor to Norton Company, Worcester, Mass. Shellac bonded abrasive articles. 2,110,630; Mar. 8.
- Martin & Schwartz, Inc. (See Pleuthner, Charles, assignor.)
- Martin, Stanley S., Dexter, Maine. Attachment for vegetable diggers. 2,136,516; Nov. 15.
- Martin, Stoddard B., Lakewood, Ohio, and C. B. Waechter, Bradford, Pa. Pipe or rod coupling. 2,105,747; Jan. 18.
- Martin, Stoddard B., Lakewood, Ohio, and C. B. Waechter, Bradford, Pa. Pipe or rod coupling. 2,108,265; Feb. 15.
- Martin, Talbot G., Chicago, and C. E. Lomax, Oak Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Substation telephone circuit. 2,137,409; Nov. 22.
- Martin, Thomas A., New York, N. Y. Vehicle hoist. 2,139,597; Dec. 6.
- Martin Wagon & Trailer Company, The. (See Grounds, Fred A., assignor.)
- Martin, Walter D., Albany, Ga. Larvacide and preparing same. 2,141,087; Dec. 20.
- Martin, Walter R., Long Beach, Calif. Multiple drilling gauge. 2,128,833; Aug. 30.
- Martin, Warren S., Bayside, assignor, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Incineration. 2,136,451; Nov. 15.
- Martin, Wendell L., Cleveland, Ohio. Drying apparatus. 2,138,333; Nov. 29.
- Martin-White of America, Inc. (See White, Jack F., assignor.)
- Martin, William M. (See Sharp, Henry J., assignor.)
- Martin, William C., Boston, Mass. Pipe wrench. 2,122,104; June 28.
- Martin, William F., Forest Hills, N. Y. Imitation flower. 2,140,022; Dec. 13.
- Martin, William H. (See Töpfer, Ernst, assignor.)
- Martin, William H., Detroit, Mich. Connector for an electricity and fluid conductor. 2,111,027; Mar. 15.
- Martin, William H., Detroit, Mich. Fluid pressure indexing valve. 2,125,513; Aug. 2.
- Martin, William H., Detroit, Mich. Welding apparatus. 2,126,490; Aug. 9.
- Martin, William H., Detroit, Mich. Welding apparatus. 2,126,903; Aug. 16.
- Martin, William H., Pleasant Ridge, Mich. Rotative slide valve. 2,127,265; Aug. 16.
- Martin, William H., Chappaqua, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,130,468; Sept. 20.
- Martin, William T., Tampa, Fla. Device for sharpening scissors and like cutting implements. 2,138,552; Nov. 29.
- Martin, William W. (See Sharp, Henry J., assignor.)
- Martin, Winston F., Leicester, England. Pull-over, slip-over, and like garment. 2,140,406; Dec. 13.
- Martinelli, Ciro C. (See Poch, W. J., Martinelli, and Turner.)
- Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner switch. 2,113,700; Apr. 12.
- Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner handle construction. 2,131,842; Oct. 4.
- Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner. 2,120,011; June 7.
- Martinez, Angelo. (See Martinez, Arturo, M., and A.)
- Martinez, Arturo, M., and A., Turin, Italy. Screen for three-dimensional projections. 2,132,904; Oct. 11.
- Martinez, Celestino, San Diego, Tex. Air gin. 2,133,900; Oct. 18.
- Martinez, Juan J., and D. S. Cusi, Mexico, D. F., Mexico. Security locking device. 2,104,204; Jan. 4.
- Martinez, Juan J., and D. S. Cusi, Mexico, D. F., Mexico. Severable locking device. 2,113,306; Apr. 5.
- Martinez, Matteo. (See Martinez, Arturo, M., and A.)
- Martini, Paul M., Jr., Maspeth, N. Y. Pocket wallet protector. 2,129,018; Sept. 6.
- Martinka, Michael, Duisberg, Germany. Gas turbine. 2,141,401; Dec. 27.
- Martino, Franklin M., Vineland, N. J. Battery container. 2,136,749; Nov. 15.
- Martins, Borge, Copenhagen, Denmark. Wheel suspension. 2,125,511; Aug. 2.
- Martins, Borge, Copenhagen, Denmark. Wheel suspension. 2,125,512; Aug. 2.
- Martins, Borge, Copenhagen, Denmark. Wheel suspension. 2,127,609; Aug. 23.
- Martius, Frederick T., Omaha, Nebr. Preserving adobe and other porous material. 2,137,247; Nov. 22.
- Martling, Harvey B., Nashville, Tenn. Bookbinding. 2,121,505; June 21.
- Martoccio, Frank A., Minneapolis, Minn. Candy cutting machine. 2,112,443; Mar. 29.
- Marton, Belle F. (See Solomon, Aron, assignor.)
- Marton, Mozes H., New York, N. Y. Surgical needle and holder. 2,110,735; Mar. 8.
- Martone, Thomas A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloring material. 2,107,159; Feb. 1.
- Martus, Martin L., Woodbury, and E. H. Becker, Waterbury, Conn. Air-depolarized primary cell. 2,120,618; June 14.
- Marty, Adam, et al. (See Sacker, Frank, assignor.)
- Marty, Edgar O., Pottsville, Pa. Stoker and burning fuel. 2,119,554; June 7.
- Marty, Mathew J., Chicago, Ill. Automobile heater. 2,135,827; Nov. 8.
- Martz, John L., Detroit, Mich. Fish lure. 2,133,032; Oct. 11.
- Martz, Joseph A., assignor of one-half to H. J. Stewart, New Kensington, Pa. Tire chain applier. 2,131,405; Sept. 27.
- Marvel, Carl S., Urbana, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polysulphonides and their preparation. 2,138,584; Nov. 29.
- Marvel, Carl S., Urbana, Ill., and D. S. Frederick, Drexel Hill Plaza, Pa., said Frederick assignor to said Marvel. Reaction products of sulphur dioxide and olefines. 2,136,389; Nov. 15.
- Marvel Equipment Corporation. (See Roethel, John H., assignor.)
- Marvin, James R., Knights Landing, Calif. Land leveler. 2,124,625; July 26.
- Marvin, John T. (See Matthews, B. L., and Marvin.)
- Marvin, John T., Fairview Village, and B. L. Matthews, Cleveland, Ohio. Top burner assembly. 2,109,497; Mar. 1.
- Marvin, John T., Fairview Village, and B. L. Matthews, Lakewood, Ohio. Top burner assembly. 2,109,498; Mar. 1.
- Marvin, John T., Fairview, and B. L. Matthews, assignors to The Patrol Valve Company, Cleveland, Ohio. Aeration hood. 2,111,369; Mar. 15.
- Marvin, John T., and B. L. Matthews, assignors to The Patrol Valve Company, Cleveland, Ohio. Top lighter. 2,115,370; Apr. 26.
- Marvin, Orrin F., assignor to Mills Alloys, Inc., Los Angeles, Calif. Apparatus for making tungsten carbide castings. 2,112,110; Mar. 22.
- Marvin, Stanley, San Francisco, assignor, by mesne assignments, to B. E. Witkin, Oakland, Calif. Neck-band clamp for laundry presses. 2,141,480; Dec. 27.
- Marvin, William H., Logansport, Ind. Foot extension bracket for ladders. 2,115,395; Apr. 26.
- Marx, Erwin. (See Buchwald, H., and Marx.)
- Marx, Erwin, Brunswick, and H. Buchwald, Berlin-Reinickendorf, Germany. Arc converter. 2,128,884; Aug. 30.
- Marx, Franz, and O. Möglich, Wetzlar-on-the-Lahn, Germany. Pipe joint. 2,116,705; May 10.
- Marx, Louis, & Company. (See Heppner, John W. K., assignor.)
- Marx, Louis, & Company. (See King, Roderick V., assignor.)
- Marx, Louis, & Company. (See Knutson, Eric E., assignor.)
- Marx, Louis, & Company. (See Lohr, Raymond, assignor.)
- Marx, Louis & Company. (See Lohr, R., and Baxter, assignors.)
- Marx, Louis, & Company. (See McKeige, Edward E., assignor.)
- Marx, Louis, New York, N. Y. Toy. 2,119,641; June 7.
- Marx, Walter, Whitestone, N. Y. Tennis ball receptacle. 2,134,411; Oct. 25.
- Mary, Clotaire, Paris, France. Pneumatic polishing wheel. 2,131,449; Sept. 27.
- Marzano, Eduardo, Rochester, N. Y. Attachment for invalid beds. 2,118,261; May 24.
- Marzari, Hermann, Rorschach, Switzerland. Device for laying the threads over rotating stretching devices in spool spinning machines for artificial silk. 2,141,544; Dec. 27.
- Marziani, Frank, Brooklyn, N. Y. Antislip device for footwear. 2,122,867; July 5.
- Marzolf, George B., assignor to Farwell Ozmun Kirk & Co., St. Paul, Minn. Refrigerating dispenser for beverages. 2,104,466; Jan. 4.
- Marzolf, George B., assignor to Farwell Ozmun Kirk & Co., St. Paul, Minn. Liquid refrigerating dispenser. 2,104,467; Jan. 4.
- Masbach, Jean E., New York, and A. F. Driscoll, Middle Village, Long Island, N. Y. Dispensing closure. 2,123,905; July 19.



- Masbach, Jean E., New York, and A. F. Driscoll, Middle Village, Long Island, N. Y. Container closure. 2,123,906; July 19.
- Maschinenfabrik Augsburg-Nürnberg A. G. (See Cüppers, Paul, assignor.)
- Maschinenfabrik Augsburg-Nürnberg A. G. (See Dietrich, Paul, assignor.)
- Maschinenfabrik Augsburg-Nürnberg A. G. (See Jag-schitz, Konrad, assignor.)
- Maschinenfabrik Augsburg-Nürnberg A. G. (See Kahlenberger, Wilhelm, assignor.)
- Maschinenfabrik Augsburg-Nürnberg A. G. (See Pielstick, Gustav, assignor.)
- Maschinenfabrik Carl Zangs A.-G. (Herm Schroers Nachf.). (See Dersen, Heinrich, assignor.)
- Maschinenfabrik Esslingen. (See Kobold, Josef, assignor.)
- Maschinenfabrik Friedrich Haas Kommanditgesellschaft. (See Kobusch, Walter, assignor.)
- Maschinenfabrik Rütli vormals Caspar Honegger. (See Nabholz, Hans, assignor.)
- Maschke, Arthur F., St. Paul, Minn. Adjustable and collapsible skirt blocker. 2,122,432; July 5.
- Maschwitz, Percy A., assignor to The Pure Oil Company, Chicago, Ill. Producing high octane rating motor fuel. 2,125,734; Aug. 2.
- Maschuch, Joseph J., Newark, N. J. Radio shielding for electrical distributing systems. 2,105,790; Jan. 18.
- Maschuch, Joseph J., Newark, N. J. Ignition shielding. 2,105,791; Jan. 18.
- Maschuch, Joseph J., Maplewood, assignor to Breeze Corporations, Inc., Newark, N. J. Radio shielding for spark plugs. 2,113,735; Apr. 12.
- Maseng, Olav, assignor to Square D Company, Detroit, Mich. Bimetal and circuit breaker employing the same. 2,122,693; July 5.
- Mashek, Frank, Chicago, Ill. Leather carrying case. 2,113,921; Apr. 12.
- Masino, Ruth, and O. H. Keep, deceased, by R. Masino, executrix, Memphis, Tenn., assignors to R. M. George, Vicksburg, Miss. Combination cotton tie buckle and identification tag. 2,104,755; Jan. 11.
- Masinter, Morris L. (See Patteson, Robert C., assignor.)
- Maslen, George S., Los Angeles, Calif. Feed apparatus for gas engines. 2,128,711; Aug. 30.
- Maslin, Thomas L., Bloomfield, and R. N. Thomas, East Orange, N. J., assignors to General Electric Company. Control device and system. 2,123,058; July 5.
- Mason, Alfred E., and I. R. Sigman, San Francisco, Calif. Automatic weighing device. 2,139,903; Dec. 13.
- Mason, Arthur J., Jr., Bakersfield, Calif. Liquid sampler. 2,111,982; Mar. 22.
- Mason Box Company, The. (See Rhodes, Russell I., assignor.)
- Mason, Eugene E., Eugene, Oreg. Mop holder. 2,116,441; May 3.
- Mason, Fred. (See Machate, F., and Mason.)
- Mason, George L., Warehouse Point, Conn., assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Method and machine for producing coiled wire bunches. 2,121,527; June 21.
- Mason, George W., Long Beach, Calif. Direction signal. 2,138,976; Dec. 6.
- Mason, George W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,107,076; Feb. 1.
- Mason & Hanger Company. (See Killmer, Miles I., assignor.)
- Mason, James A. (See Taylor, R., and Mason.)
- Mason-Lenzen Company, The. (See Wetherell, Leslie O., assignor.)
- Mason, Martin W., Nutley, N. J., assignor to Pittsburgh Plate Glass Company. Protective coating. 2,125,387; Aug. 2.
- Mason-Neilan Regulator Company. (See Stanton, Avery H.)
- Mason, Ralph B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Production of aluminum reflecting surfaces. 2,108,603; Feb. 15.
- Mason, Ralph B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum reflector. 2,108,604; Feb. 15.
- Mason, Ralph B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Photographic plate. 2,115,339; Apr. 26.
- Mason, Richard C., Tulsa, Okla. Shock absorber. 2,113,562; Apr. 12.
- Mason, Richard D., Scotia, N. Y. Wristlet. 2,127,926; Aug. 23.
- Mason, Ronald T. G., Westcliff-on-Sea, assignor to British Marine Utilities Company Limited, Prittlewell, South end-on-Sea, England. Lifesaving craft. 2,129,742; Sept. 13.
- Mason, Ruric C., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermocouple. 2,127,057; Nov. 15.
- Mason, Sumner R., Wilmette, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Zinc electroplating solution. 2,136,679; Nov. 15.
- Mason, William B., et al. (See Halley, Sam W., assignor.)
- Mason, William C., Albany, N. Y. Oil burner. 2,122,956; July 5.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Burnishing of fiberboards. 2,118,703; May 24.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Making ligno-cellulose fiber products. 2,120,137; June 7.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Process and apparatus for continuous drying of fiber board under pressure. 2,122,376; June 28.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Momentary-pressure process of making ligno-cellulose products. 2,140,189; Dec. 13.
- Mason, William S., Ocean Beach, Calif. Piston ring. 2,111,291; Mar. 15.
- Mason Box Company, The. (See Lewis, Arthur J., assignor.)
- Masonite Corporation. (See Mason, William H., assignor.)
- Massa, Ernest A., Jr., Haddon Heights, and L. Malter, Collingswood, N. J., assignors to Radio Corporation of America. Electron multiplier. 2,113,378; Apr. 5.
- Massa, Ernest A., Jr., Haddon Heights, N. J., assignor to Radio Corporation of America. Electric discharge device. 2,135,039; Nov. 1.
- Massa, Frank. (See Olson, H. F., and Massa.)
- Massa, Frank, West Collingswood, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,123,633; July 12.
- Massa, Frank, Haddon Heights, N. J., assignor to Radio Corporation of America. Electroacoustical apparatus. 2,127,227; Aug. 16.
- Massafra, Felice, Brooklyn, N. Y. Restaurant charge voucher. 2,114,806; Apr. 19.
- Massey, Alexander J., Los Angeles, Calif. Traffic signal. 2,136,976; Nov. 15.
- Massey Concrete Products Corporation. (See McDaniel, William L., assignor.)
- Massey-Harris Company, The. (See Everett, Charles V., assignor.)
- Massey-Harris Company. (See Johnston, Howard M., assignor.)
- Massey, Owen, Harborne, Birmingham, England. Machine for delivering or dispensing lengths of sealing tape from a roll. 2,122,843; July 5.
- Massey, Peter J., et al. (See Massey, P. J., Thiele, and Raprager, assignors.)
- Massey, Peter J., River Forest, Ill., W. F. Thiele, and B. F. Raprager, assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., and one-tenth to P. J. Massey, Chicago, Ill. Apparatus for applying mobile films. 2,105,488; Jan. 18.
- Massey, Peter J., River Forest, Ill., W. F. Thiele, and B. F. Raprager, assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., and one-tenth to P. J. Massey, Chicago, Ill. Machine for applying mobile films. 2,105,981; Jan. 18.
- Massey, Peter J., River Forest, Ill., W. F. Thiele, and B. F. Raprager, assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., and one-tenth to P. J. Massey, River Forest, Ill. Mobile film distributing mechanism. 2,105,982; Jan. 18.
- Massey, Peter J., River Forest, Ill., W. F. Thiele, and B. F. Raprager, assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., and one-tenth to P. J. Massey. Cleaning roll. 2,106,104; Jan. 18.
- Massey, Stanley S., Alameda, Calif. Wheel arrangement for streamline vehicles. 2,111,983; Mar. 22.
- Massey, William B., Southampton, Va. Device for filling containers. 2,112,173; Mar. 22.
- Massholder, Edgar, Heidelberg, Germany. Locking device with a plurality of latches. 2,119,996; June 7.
- Massie, David B. (See Cassell, L. E., and Massie.)
- Massini, Alvin A., Wheeling, W. Va. Apparatus for applying a plurality of articles to a backboard. 2,121,484; June 21.
- Massolle, Joseph. (See Engel, J., Massolle, and Vogt.)
- Massolle, Joseph. (See Vogt, H., Massolle, and Engel.)
- Masson, Frederick A., Winnipeg, Manitoba, Canada. Door check. 2,137,176; Nov. 16.
- Massoni, Miguel, Cordoba, Argentina. Woodburner. 2,136,857; Nov. 15.
- Massonmancu, Robert F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,136,630; Nov. 15.
- Mass, John B., Meyersdale, Pa. Educator. 2,118,581; Apr. 12.
- Masterbrook, Henry J., assignor to The Swartwout Company, Cleveland, Ohio. Control mechanism. 2,102,572; Mar. 20.
- Master Arch Inc. (See Shater, Orben O., assignor.)
- Master Builders Company, The. (See Schmitt, Edward W., Jr., assignor.)
- Master-Craft Corporation. (See Allen, Leon L., assignor.)
- Master Electric Company, The. (See Nickamp, Richard A., assignor.)
- Master Electric Company. (See Phelps, Clark H., assignor.)
- Master Electric Corporation, The. (See Larrish, Everett P., assignor.)
- Master Grip-O-Matic, Inc. (See Edwards, J. E., and Noble, assignors.)
- Master Tool Company. (See Hulse, C. E., and Fines, assignors.)



- Master Lock Company. (See Schamp, C. H., and Foote, assignors.)
- Master Lock Company. (See Soref, H. E., and Marshall, assignors.)
- Master Rule Manufacturing Company. (See Carlson, Frederick O., assignor.)
- Master Safe Co., The. (See Murtaugh, John J., Jr., assignor.)
- Master Steam Equipment Company. (See Goldberg, Isaac, assignor.)
- Master Tool Company. (See Nagel, Edward E., assignor.)
- Master Venetian Blind Hardware Corporation. (See Nisenson, Julius, assignor.)
- Masterman, Thomas W., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic train control equipment. 2,112,421; Mar. 29.
- Masters, Albert M., Philadelphia, Pa. Blackboard frame construction. 2,135,982; Nov. 8.
- Masters, Arthur P. (See Townsend, O. A., and Masters.)
- Masters, Orville M., and H. G. Stager, Syracuse, N. Y. Machine for cutting paperboard. 2,120,920; June 14.
- Masters, Raymond H., Detroit, Mich. Internal combustion engine. 2,128,154; Aug. 23.
- Mastic Asphalt Corporation. (See Maclean, Robert S., assignor.)
- Mastic Asphalt Corporation. (See Mattes, L. H., and Maclean, assignors.)
- Mastin, Marion G., Graceland Park, Redwood City, Calif., assignor, by mesne assignments, to Westvaco Chlorine Products Corporation, New York, N. Y. Manufacturing magnesium hydroxide. 2,124,002; July 19.
- Mastini, Domenico, Rome, Italy. Telephone system. 2,129,332; Sept. 6.
- Mastney, Edward J. (See Allison, K. C., and Mastney.)
- Mastney, Edward J. (See Dressel, H. M., Allison, and Mastney.)
- Mastney, Edward J., Berwyn, assignor to Oak Manufacturing Company, Chicago, Ill. Switch. 2,109,319; Feb. 22.
- Mastney, Edward J., Berwyn, assignor to Oak Manufacturing Company, Chicago, Ill. Vibrator. 2,140,807; Dec. 20.
- Maston, Edward E. (See Brunt, J. P., and Maston.)
- Masury, John W., & Son. (See Oswald, Frank G., assignor.)
- Matchett, Henry I., Philadelphia, Pa. Sealing tin-tie bags. 2,138,066; Nov. 29.
- Matechik, Joseph, Weatherly, Pa. Dandruff comb. 2,112,857; Apr. 5.
- Matera, Charles C., assignor to The Superlux Corporation, Hartford, Conn. Lighting device. 2,126,650; Aug. 9.
- Maters, Cornelis, The Hague, Netherlands, assignor to Hercules Powder Company, Wilmington, Del. Condensation product and producing. 2,115,496; Apr. 26.
- Maters, Cornelis, The Hague, Netherlands, assignor to Hercules Powder Company, Wilmington, Del. Molding powder. 2,141,043; Dec. 20.
- Mathauer, Edmund G. (See Kateley, F. W., and Mathauer.)
- Mathé, Juan G. (See Hipsley, George W., assignor.)
- Matheny, Roy. (See Gibson, Florian G., assignor.)
- Matheny, Willard R., administrator. (See Harnly, David H.)
- Mather Spring Company, The. (See Miller, G. F., and Nilsson, assignors.)
- Mather Spring Company, The. (See Nilsson, Robert W., assignor.)
- Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,117,619; May 17.
- Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,123,370; July 12.
- Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,123,371; July 12.
- Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,123,372; July 12.
- Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,123,373; July 12.
- Mathesius, Walther, Berlin-Nikolassee, Germany. Producing titanium steel. 2,137,945; Nov. 22.
- Matheson, George L., Union, N. J., assignor to Standard Oil Development Company. Preparing catalyst. 2,139,026; Dec. 6.
- Matheson, Howard W., Montreal, Quebec, and G. O. Morrison, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Mixed polyvinyl resins and making same. 2,116,635; May 10.
- Mathews, Charles B., Lobs Wood, Middleton, Ilkley, assignor of one-half to J. G. Ambrose, Beaconsfield, England. Core for use in the molding of hollow articles. 2,116,464; May 3.
- Mathews Conveyor Company. (See Hahn, Arthur M., assignor.)
- Mathews Conveyor Company. (See Sibley, Gerald J., assignor.)
- Mathews, Edward F., Weymouth, Mass. Shoemaking. 2,138,185; Nov. 29.
- Mathews, Max, Fairview, Mont. Mail box mounting. 2,138,977; Dec. 6.
- Mathewson, Wilfred F., North Weymouth, Mass. Measuring valve for ice cream freezers. 2,127,647; Aug. 23.
- Mathey, Alcide E. (See Scully F. P., and Mathey.)
- Mathey, Alcide E., Auburndale, assignor to Scully Signal Company, Cambridge, Mass. Liquid level indicator. 2,135,522; Nov. 8.
- Mathey, Nicholas W., Boston, Mass. Footwear. 2,120,107; June 7.
- Mathi, Walter E., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,117,620; May 17.
- Mathias, John C. W., Upper Darby, Pa. Aligner and holder for screw spiking machines. 2,135,087; Nov. 1.
- Mathieson Alkali Works, Inc., The. (See Cunningham, George L., assignor.)
- Mathieson Alkali Works, Inc. (See Hulst, Eugene A., assignor.)
- Mathieson Alkali Works, Inc., The. (See Logan, John O., assignor.)
- Mathieson Alkali Works, Inc., The. (See MacMullin, Robert B., assignor.)
- Mathieson Alkali Works, Inc., The. (See Petroe, Gregory A., assignor.)
- Mathieson Alkali Works, Inc., The. (See Soule, Edward C., assignor.)
- Mathieson Alkali Works, Inc., The. (See Vincent, George P., assignor.)
- Mathieu, Gaston A., Shirehall Park, London, England, assignor to Radio Corporation of America. Radio direction system. 2,108,867; Feb. 22.
- Mathsson, Bruno, Varnamo, Sweden. Tilttable chair. 2,117,189; May 10.
- Matlack, Jacob D. (See Cox, H. L., and Matlack.)
- Matlock, Percy F., Houston, Tex. Whipstock. 2,134,287; Oct. 25.
- Matlow, Jacob, Brooklyn, N. Y. Movable changeable electric sign. 2,120,809; June 14.
- Matsen, Marcus J., Oak Park, Ill. Presser shoe. 2,142,032; Dec. 27.
- Matson, Carl A., Swampscott, Mass., assignor of one-half to J. B. Jameson, Concord, N. H. No-roll-back brake for automobiles. 2,122,009; June 28.
- Matsumae, Akiyoshi, Kumamoto, Japan. Auxiliary medical agent and preparing the same. 2,125,577; Aug. 2.
- Matsuyama, Yoshiji, S. Kuno, and S. Nasu, Tokyo, Japan, assignors to General Electric Company, New York, N. Y. Magnetic alloy. 2,116,401; May 3.
- Mattacotti, Vincent, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Bright zinc plating. 2,109,887; Mar. 1.
- Matter, Gustave O., Portland, Ore. Container closure and ejector. 2,120,566; June 14.
- Matter, Oskar, Vitznau, Switzerland, assignor to Société d'Exploitation des Brevets O. Matter-S. E. B. O. M., Bourges, France. Manufacture of nitric acid esters and of explosives. 2,125,941; Aug. 9.
- Mattern, Raymond P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Mercury switch. 2,119,944; June 7.
- Mattern, William O., Shamokin, Pa. Tool for handling lenses. 2,127,181; Aug. 16.
- Mattes, Harold C., Chicago, Ill., assignor to Belmont Radio Corporation. Indicating and control apparatus. 2,106,152; Jan. 18.
- Mattes, Lee H., South Bend, Ind. Building covering construction. 2,114,451; Apr. 19.
- Mattes, Lee H., and R. S. Maclean, assignors to Mastic Asphalt Corporation, South Bend, Ind. Interlocking panel siding. 2,122,577; July 5.
- Matteson, Jesse O., and P. M. Hansen, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table construction. 2,115,115; Apr. 26.
- Matteson, Nelson F., Washington, D. C., G. L. Bub and R. Q. Moore, St. Louis, Mo. Automatic change-over. 2,109,499; Mar. 1.
- Matthaei, Frederick C., Detroit, Mich. Automobile structure. 2,115,931; May 3.
- Matthaeus, Georg. (See Reddelien, G., and Matthaeus.)
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 2,127,085; Aug. 16.
- Matthew, John A., and H. R. Neill, assignors to Linen Industry Research Association of the Research Institute, Lambeg, Northern Ireland. Apparatus for crimping textile fibrous material. 2,115,313; Apr. 26.
- Matthew, Theodore, Burlingame, Calif. Storage battery. 2,106,222; Jan. 25.
- Matthews, Birchard L. (See Marvin, J. T., and Matthews.)
- Matthews, Birchard L., Lakewood, assignor to The Patrol Valve Company, Cleveland, Ohio. Gas cock. 2,138,767; Nov. 29.
- Matthews, Birchard L., Lakewood, and J. T. Marvin, Fairview Village, assignors to The Patrol Valve Company, Cleveland, Ohio. Burner. 2,107,575; Feb. 8.
- Matthews, Birchard L., Cleveland, and J. T. Marvin, Fairview Village, assignors to The Patrol Valve Company, Cleveland, Ohio. Gas valve. 2,118,013; May 17.



- Matthews, Clair B., H. W. Adams, and E. E. Berry, assignors to Flakall Corporation, Beloit, Wis. Producing food products. 2,120,138; June 7.
- Matthews, Fred D., Albertville, Ala. Electric motor and support therefor. 2,137,921; Nov. 22.
- Matthews, Floyd C., Fairlawn, N. J. Change motion mechanism for Jacquard loom. 2,121,092; June 21.
- Matthews, George A., assignor to The Detroit Edison Company, Detroit, Mich. Alternating current system of distribution. 2,104,131; Jan. 4.
- Matthews, George A., assignor to The Detroit Edison Company, Detroit, Mich. Circuit breaker. 2,118,355; May 24.
- Matthews, George D., assignor to Tennessee Stove Works, Chattanooga, Tenn. Circulating heater. 2,106,642; Jan. 25.
- Matthews, Irving C., Rochester, N. Y. Tip for soldering irons and the like. 2,120,708; June 14.
- Matthews Manufacturing Company. (See Whitney, E. E., and Hontoon, assignors.)
- Matthews, W. N., Corporation. (See Birkenmaier, Theodore, assignor.)
- Matthey & Braendle. (See Weber, Ernst, assignor.)
- Matthias, Eugen, and G. Testa, St. Moritz, Switzerland; said Testa assignor to said Matthias. Sport boot. 2,109,751; Mar. 1.
- Matthias, Lynn H. (See Wilms, G. O., and Matthias.)
- Matthies, August, Elbingerode/Harz, Germany. Reclining couch for use in motor vehicles. 2,104,372; Jan. 4.
- Matthies, Hermann, Duisburg-Wanheim, Germany, assignor to American Lurgi Corporation, New York, N. Y. Process of continuously producing zinc in vertical reducing chambers and apparatus therefor. 2,132,858; Oct. 11.
- Matthies, Kurt, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electron discharge tube. 2,122,776; July 5.
- Matthies, William H. (See Carpenter, W. W., and Matthies.)
- Matthies, William H., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective switch. 2,120,413; June 14.
- Matthiesen, Charles C., Clinton, Iowa. Fixture support. 2,120,619; June 14.
- Mattingley, Edward H., assignor to Chicago-Hutchins Corporation, Chicago, Ill. Hatch closure. 2,141,481; Dec. 27.
- Mattingley, Fred. (See Smith, E. W., Dean, and Mattingley.)
- Mattison, Carl L., assignor to Mattison Machine Works, Rockford, Ill. Feeding mechanism or the like. 2,123,432; July 12.
- Mattison Machine Works. (See Mattison, Carl L., assignor.)
- Matthe, Charles F., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical scanning apparatus. 2,107,759; Feb. 8.
- Mattman, Gustave F., assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Ornamental mounting. 2,107,383; Feb. 8.
- Mattson, Bernard O., Detroit, Mich. Moving target. 2,125,353; Aug. 2.
- Mattucci, Anthony O., Chicago, Ill. Combination cellaret cocktail table. 2,122,042; June 28.
- Matuenaga, Yonosuke, Naka-ku, Yokohama, Japan. Aluminum alloy. 2,109,117; Feb. 22.
- Matuenaga, Yonosuke, Naka-ku, Yokohama, Japan. Aluminum alloy. 2,116,273; May 3.
- Matuenaga, Yonosuke, Naka-ku, Yokohama, Japan. Aluminum alloy. 2,116,274; May 3.
- Matuenaga, Yonosuke, Naka-ku, Yokohama, Japan. Aluminum alloy. 2,116,275; May 3.
- Matula, Nicholas, assignor of one-fifth to W. J. Dowling, one-fifth to R. L. Brunner, and one-fifth to E. C. Cavanaugh, Johnstown, Pa. License tag holder. 2,119,714; June 7.
- Matuschke, Walter, Berlin, Germany. Printing. 2,138,703; Nov. 29.
- Matuschke, Walter, Berlin, Germany. Preparing a press for printing and printing press. 2,138,704; Nov. 29.
- Matzner, Emil. (See Schüller, H., Matzner and Kaiffel.)
- Maucher, Hans, New York, N. Y. Pencil. 2,108,411; Feb. 15.
- Maude, Aylmer H. (See Lawrence, C. K., and Maude.)
- Mauguy, Valentine A., La Garenne-Colombes, and R. J. Levy, Paris, France. Container for liquid servicing products. 2,110,077; May 3.
- Maul, Michael, Berlin-Biesdorf, Germany. Record card controlled machine. 2,105,291; Jan. 11.
- Maul, Michael, Berlin-Johannisthal, assignor to the firm Deutsche Hollerith Maschinen G. m. b. H., Berlin, Germany. Verifying machine for combinational holes record cards. 2,114,667; Apr. 19.
- Maulen, Frederick, East Orange, N. J., assignor to Baker & Company, Inc. Tooth pins for artificial teeth. 2,109,138; Feb. 22.
- Maurer, Anthony J. (See Townley, J. R. and Maurer.)
- Maurer, Albrecht, assignor to Firm P. I. V. Ketten und Getriebe G. m. b. H., Bad Homburg v. d. Höhe, Germany. Stepless change gear. 2,117,340; May 17.
- Maurer, Conrad B., and W. T. Bamford, assignors to Maurer Paint Company, Philadelphia, Pa. Educational device. 2,114,931; Apr. 19.
- Maurer, Edward D., New York, N. Y. Spectacle eyeshade. 2,106,615; Jan. 25.
- Maurer, Edwin R., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,136,721; Nov. 15.
- Maurer, Edwin R., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,139,764; Dec. 13.
- Maurer Paint Company. (See Maurer, C. B., and Bamford.)
- Maurer, Paul H., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Automatic starting mechanism. 2,105,947; Jan. 18.
- Maurice Mills Company Inc. et al. (See Coleman, Robert H., assignor.)
- Mauro, Anthony, et al. (See Becker, Albert W., assignor.)
- Mauro, Oswald G. (See Dons, E. M., Mauro, and Mapes.)
- Mausser, Alfons, Cologne-Marienburg, Germany. Tool for applying seal caps. 2,134,923; Nov. 1.
- Mausser, Andrew, Jewett City, Conn. Trap. 2,110,651; Mar. 8.
- Mausser, Karl W., Waldeck, Bez. Kassel, Germany. Closure for packing containers. 2,116,841; May 10.
- Mausser, Karl W., Waldeck, Germany. Metal container. 2,122,105; June 28.
- Mausser, Karl W., assignor, by mesne assignments, to Mäuser Kommandit-Gesellschaft, Cologne-Ehrenfeld, Germany. Constructional element. 2,140,709; Dec. 20.
- Mäuser Kommandit-Gesellschaft. (See Mäuser, Karl W., assignor.)
- Mäuser-Werke A.-G. (See Altenburger, Ernst, assignor.)
- Mäuser-Werke A. G. (See Eherr, Fritz, assignor.)
- Mäuser-Werke A.-G. (See Seidel, Alex, assignor.)
- Mauss, Hans. (See Mietzsch, F., and Mauss.)
- Mäussnest, Friedrich K., assignor to H. Mäussnest, Woodside, N. Y. Method and apparatus for straightening sheet material. 2,132,426; Oct. 11.
- Mäussnest, Hedweg. (See Mäussnest, Friedrich K., assignor.)
- Maust, Charles I., Summit, N. J. Signal system for excavators. 2,131,291; Sept. 27.
- Mauterer, Arthur. (See Köhler, W. C., and Mauterer.)
- Mauthé, Gustav. (See Fellmer, E., Mauthé, and Noerr.)
- Mauthé, Gustav, and H. Noerr, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tanning. 2,117,811; May 17.
- Mauthé, Gustav, and H. Noerr, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tanning. 2,127,304; Aug. 16.
- Mauthé, Gustav, and H. Noerr, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of leather. 2,129,854; Sept. 13.
- Mauthner, Desider, Budapest, Hungary. Working process for internal combustion engines and apparatus for carrying the same into effect. 2,131,384; Sept. 27.
- Mautsch, Robert H., Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Ventilating confined spaces. 2,109,071; Feb. 22.
- Maveety, Donald J., Milburn, N. J., assignor to National Biscuit Company, New York, N. Y. Stabilized fats and method for preventing rancidity. 2,124,706; July 26.
- Maverick, George M., Elizabeth, N. J., assignor to Standard Oil Development Company. Built-up lubricating oil. 2,135,092; Nov. 1.
- Mavrogenis, Aristote, Milwaukee, Wis., assignor to Radio Corporation of America, New York, N. Y. Process and device for making cathodes. 2,112,968; Apr. 5.
- Mavrogenis, Aristote, Milwaukee, Wis., assignor to Radio Corporation of America, New York, N. Y. Cathode. 2,112,969; Apr. 5.
- Mawbey, Lawrence. (See Ricks, E., and Mawbey.)
- Mawbey, Lawrence, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to shoe bottoms. 2,119,591; June 7.
- Max, Ella, Paris, France. Fastener. 2,133,201; Oct. 11.
- Maxim, Harvey K., Francisco, Ind. Air vent guard. 2,108,721; Feb. 15.
- Maxim Silencer Company, The. (See Bourne, Roland B., assignor.)
- Maxmoor Corporation. (See Moore, Arlington, assignor.)
- Maxon, Norman G., Lady-smith, W. Va. Spray nozzle. 2,105,151; Jan. 11.
- Maxton, Alfred. (See Zart, A. R., and Maxton.)
- Maxwell, Frank R. (See Howard, C. D., and Maxwell.)
- Maxwell, Howard, Schenectady, N. Y., assignor to General Electric Company. Making dynamo electric machines. 2,138,661; Nov. 29.
- Maxwell, John A. Jr., Lancaster, Pa. Clip for securing together the covers and ribs of umbrellas. 2,116,475; July 26.
- Maxwell, Robert W. (See Haskins, J. F., and Maxwell.)
- Maxwell, Robert W. (See Kriebstein, O. R., and Maxwell.)
- Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,134,080; Oct. 25.
- Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,137,315; Nov. 21.



- May, Armand. (See Ajouelo, Davis J., assignor.)
- May, David T., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Welding device. 2,110,271; Mar. 8.
- May, Erwin, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Illuminating means for projection apparatus. 2,117,737; May 17.
- May, Frank, Beechurst, N. Y. Spring roller construction. 2,110,048; Mar. 1.
- May Hosiery Mills, Inc. (See Jones, Gaither M., assignor.)
- May, Maxwell F., Palos Park, Ill. Air conditioning system. 2,134,338; Oct. 25.
- May, O. (See Burnett, Charles E., assignor.)
- May Oil Burner Corporation. (See Hall, Mora S., assignor.)
- May Oil Burner Corporation. (See Huss, Henry, assignor.)
- May Oil Burner Corporation. (See Walsh, John L., assignor.)
- May, Orville E. (See Ward, G. E., Lockwood, and May.)
- May, Robert G. (See Schaefer, Rudolph A., assignor.)
- May, Rowland F., Potters Bar, assignor to Filter Tips Limited, London, England. Cigarette. 2,118,783; May 24.
- May, Rowland F., Potters Bar, assignor to Filter Tips Limited, London, England. Manufacture of filter tips for cigarettes. 2,120,501; June 14.
- May, Thomas L., Toronto, Ontario, Canada. Domestic heavy oil burner. 2,117,190; May 10.
- May, Trude N. (See Diez, A. M., and May.)
- Maybach, Karl, Friedrichshafen, Bodensee, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Freewheeling mechanism of motor cars. Re. 20,824; Aug. 9.
- Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Clutch operating means on motor vehicles. 2,105,429; Jan. 11.
- Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Gear-changing device for motor vehicles. 2,118,978; May 31.
- Maybach-Motorenbau G. m. b. H. (See Dietrich, Otto, assignor.)
- Maybach-Motorenbau G. m. b. H. (See Maybach, Karl, assignor.)
- Mayberry, Frederick A., Wichita, Kans. Portable colonic irrigator. 2,133,626; Oct. 18.
- Maybury, William T., McKees Rocks, Pa. Indicating device. 2,111,795; Mar. 22.
- Mayehara, Toichiro, Omori-ku, Tokyo, Japan. Manufacturing a powdered product from mucilaginous substance of eel. 2,119,822; June 7.
- Mayer, Alvin L., Cincinnati, Ohio. Printing enlarging machine. 2,107,867; Feb. 8.
- Mayer, Benjamin, Brooklyn, N. Y. Rug making device. 2,123,077; July 5.
- Mayer, Bertram, and E. A. Henzl, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Polyazo dyestuffs. 2,112,405; Mar. 29.
- Mayer, Bruno, New York, N. Y. Photographic camera. 2,134,979; Nov. 1.
- Mayer, Charles W., Rochester, N. Y. Chock for mill roll mandrels. 2,113,701; Apr. 12.
- Mayer, David O., Charlotte, N. C. Cooking stove burner attachment for heating water. 2,122,844; July 5.
- Mayer, Ed. (See Jordan, G. F., and Mayer.)
- Mayer, Erwin, Skoghall, Sweden. Treatment of cellulosic fibrous materials. 2,124,256; July 19.
- Mayer, Frederick G., Morrisville, Pa., assignor to Sloane-Blabon Corporation, Trenton, N. J. Decorative material and making same. 2,113,158; Apr. 5.
- Mayer, Hans. (See Straub, F., and Mayer.)
- Mayer, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Berlin, Germany. Four-pole device containing nonlinear resistors. 2,122,748; July 5.
- Mayer, Harry F., Schenectady, N. Y., assignor to General Electric Company. Automatic selectivity control. 2,140,391; Dec. 13.
- Mayer, Jerome M., assignor of one-half to P. A. Muir, Chicago, Ill. Tobacco pipe bowl scraper attachment. 2,139,838; Dec. 13.
- Mayer, John, Cleveland, Ohio. Tool holder. 2,136,592; Nov. 15.
- Mayer, John L., assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Running register. 2,110,272; Mar. 8.
- Mayer, Marie, S., Vineland, N. J., and G. W. Schilling, Philadelphia, Pa. Game apparatus. 2,105,837; Jan. 18.
- Mayer, Richard, New Rochelle, N. Y. Pass-around lighter. 2,114,026; Apr. 12.
- Mayer, Willi F., Chicago, Ill. Beer coil apparatus. 2,137,297; Nov. 22.
- Mayer, William. (See Holst, L. J. R., Mayer, and Menefee.)
- Mayer, William, New York, N. Y. Fastener for the neck-band portions of neckties. 2,139,510; Dec. 6.
- Mayes, Thomas J., Ironton, Mo. Battery-post connector. 2,129,333; Sept. 6.
- Mayfield, Clement S., Medina, Tex. Soil cleaner. 2,110,997; Mar. 15.
- Mayfield, Owen, Houston, Tex., assignor to Corona Products, Inc., Rogers, Ark. Amorphous silica drilling fluid. 2,109,337; Feb. 22.
- Mayfield, Thomas H., Roby, Tex. Sealing device. 2,133,555; Oct. 18.
- Mayhew, William R. (See Stambach, Rollo L., assignor.)
- Maynard, Corporation. (See Betz, C. E., and Doane, assignors.)
- Maynard, Arthur H. (See Davis, E. W., and Maynard.)
- Maynard, Arthur H., assignor to Boston Wire Stitching Company, Warwick, R. I. Stapling or wire-stitching machine. 2,141,612; Dec. 27.
- Maynard, Walter A., Cleveland Heights, Ohio. Internal combustion engine. 2,118,319; May 24.
- Maynard, William H. (See Peters, O. A., and Maynard.)
- Maynard, William H., assignor to Porter Screen Company, Winooski, Vt. Window screen. 2,121,174; June 21.
- Mayne, Douglas, Sutton, assignor to J. Lyons & Company Limited, London, England. Device for dispensing sirups and like liquids. 2,124,924; July 26.
- Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Track for tractors. 2,107,490; Feb. 8.
- Maynes, Emma C. (See Maynes, Hyla F., assignor.)
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. Re. 20,751; June 7.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,130,670; Sept. 20.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,130,671; Sept. 20.
- Maynier, Victor, Paris, assignor to Société en nom Collectif V. Maynier & G. Pincon, Paris, (Seine), France. Stone setting device for jewelry or other applications. 2,132,905; Oct. 11.
- Mayo, Alfred C., Richmond, assignor to Purma Cameras Limited, London, England. Camera with focal-plane shutter. 2,134,307; Oct. 25.
- Mayo, Alfred C., Richmond, and J. Terrett, assignors to Purma Cameras Limited, London, England. Protective device for photographic cameras. 2,134,308; Oct. 25.
- Mayo, Alfred C., Richmond, and J. Terrett, assignors to Purma Cameras Limited, London, England. Focal-plane camera shutter mechanism. 2,134,309; Oct. 25.
- Mayo, Dana H. N., Ridgewood, assignor to The Babcock & Wilcox Company, Newark, N. J. Wall construction. 2,134,000; Oct. 25.
- Mayo, Frank R. (See Williams, I., and Mayo.)
- Mayo, Frank V., Stockton, Calif. Recording mechanism. 2,119,339; May 31.
- Mayo, Reubin E., Snow Hill, N. C. Heating device for tobacco barns. 2,124,074; July 19.
- Mayo, Roy E., San Leandro, Calif., and E. W. Jackson, Peoria, Ill. assignors to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,123,433; July 12.
- Mayo, Warwick, and E. E. Nock, Jr., assignors to Norfolk Mattress Company, Inc., Norfolk, Va. Convertible article of furniture. 2,114,932; Apr. 19.
- Mayo, William N., assignor to Zonolite Corporation of Michigan, Detroit, Mich. Automotive vehicle dash heat and sound insulation. 2,111,219; Mar. 15.
- Mayr, Otto. (See Biermanns, J., and Mayr.)
- Mayr, Otto, Berlin-Karlshorst, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,110,672; Mar. 8.
- Mayrhofer, Georg, Innsbruck, Austria. Determining the fat content of milk and dairy products. 2,112,374; Mar. 29.
- Mays, Earle W., Benton Harbor, Mich. Skating footwear. 2,118,892; May 31.
- Mays Manufacturing Company. (See Faye, Roy A., assignor.)
- Mays, Orland C., Wink, Tex. Apparatus for shooting wells. 2,108,174; Feb. 15.
- Mayson, Herbert. (See Chorlton, F. O. L., and Mayson.)
- Maytag Company, The. (See Herbst, John E., assignor.)
- Maytag Company, The. (See Mikulasek, John, assignor.)
- Maytag, Frederick L. (See Lundquist, Hans, assignor.)
- Maywood Chemical Works. (See Osborg, Hans, assignor.)
- Mayzner, Mark S. (See Markush, E. A., Mayzner, and Miller.)
- Maze, Hamilton M., assignor to W. H. Maze Company, Peru, Ill. Roll roofing fastener. 2,139,279; Dec. 6.
- Maze, W. H., Company. (See Maze, Hamilton M., assignor.)
- Mazer, Jacob, Elkins Park, Pa. Ornamented metal foil. 2,133,357; Oct. 18.
- Mazza, Plinio S. D., Paris, France. Preventing crust formations on the walls of boilers. 2,118,979; May 31.
- Mazzola, Antonino, Beaumont, Tex. Hair curling clamp. 2,115,229; Apr. 26.
- Mazzola, Antonino, Jefferson, Tex. Hair curling clamp. 2,117,490; May 17.
- McAbee, Louis U. (See Ferreira, C. E., and McAbee.)
- McAbee, Paul C., New York, N. Y. Dry ice converter. 2,133,461; Oct. 18.
- McAdams, Fredrick H., et al. (See Neal, John B., assignor.)
- McAdams, Harry, assignor to The Nolde & Horst Company, Reading, Pa. Stitch transfer mechanism for knitting machines. 2,111,476; Mar. 15.
- McAdams, Harry, assignor to The Nolde & Horst Company, Reading, Pa. Stitch transfer needle for knitting machines. 2,111,477; Mar. 15.



- McAdams, Harry, assignor to The Nolde & Horst Company, Reading, Pa. Knitting machine. 2,112,675; Mar. 29.
- McAdams, James F., West Somerville, assignor to A. S. Campbell Co., Inc., East Boston, Mass. Frame. 2,136,905; Nov. 15.
- McAdams, James F., West Somerville, assignor to A. S. Campbell Co., Inc., East Boston, Mass. Frame. 2,136,906; Nov. 15.
- McAdoo & Allen Welting Company. (See Brown, William, assignor.)
- McAfoos, Lawrence R., Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Water cooler for furnaces. 2,107,185; Feb. 1.
- McAfoos, Lawrence R., Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Valve structure for regenerative furnace systems. 2,110,467; Mar. 8.
- McAfoos, Lawrence R., Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Furnace door. 2,124,425; July 19.
- McAfoos, Lawrence R., Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Furnace door-frame. 2,135,828; Nov. 8.
- McAler Manufacturing Company. (See Whitlark, C. H. F., and Weihe, assignors.)
- McAlevy, Ambrose, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst preparation. 2,135,454; Nov. 1.
- McAlister, James S., and E. C. Sherman, Chattanooga, Tenn., assignors to Standard-Coosa-Thatcher Company. Stopping device for yarn winding machines. 2,133,711; Oct. 18.
- McAlister, Earl J., et al. (See McCarty, Roy C., assignor.)
- McAlister, Johanna C., Los Angeles, Calif. Folded container or envelope. 2,108,343; Feb. 15.
- McAlister, Robert W. (See Reichert, J. S., and McAlister.)
- McAlister, Sumner H., Lafayette, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Aldol condensation process. 2,130,592; Sept. 20.
- McAlister, Walter H., Wyoming, assignor of one-half to The Procter & Gamble Company, Cincinnati, Ohio, and of one-half to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of sulphonation products. 2,108,755; Feb. 15.
- McAlister, Walter H., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergents for use in laundering processes. 2,108,756; Feb. 15.
- McAlister, Walter H., and R. A. Duncan, Wyoming, and O. T. Quimby, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Aqueous solutions of soluble heavy metal salts of sulphonated aliphatic compounds. 2,121,485; June 21.
- McAnally, Claude W. (See Bugge, Vernon T., assignor.)
- McAnally, Claude W., Sr., Trinidad, Colo. Supporting and display rack. 2,107,576; Feb. 8.
- McAndrews, Frank J., and L. Long, assignors to C. McDowell, trading as McDowell Paper Mills, Philadelphia, Pa. Paper making. 2,112,540; Mar. 29.
- McAneny, Michael J., Jr. (See McAneny, Michael J., assignor.)
- McAneny, Michael J., assignor to M. J. McAneny, Jr., Denver, Colo. Hose clamp. 2,109,500; Mar. 1.
- McAneny, Michael J., assignor to M. J. McAneny, Jr., Denver, Colo. Tool for applying hose clamps. 2,115,736; May 3.
- McArthur, Donald A. (See Wean, R. J., and McArthur.)
- McArthur, John, assignor of one-half to G. C. Babcock, Vancouver, Washington. Composition for waterproofing wood. 2,126,123; Aug. 9.
- McArthur, Joseph, assignor to James Heddon's Sons, Dowagiac, Mich. Fish lure. 2,106,755; Feb. 1.
- McArthur, Joseph, assignor to James Heddon's Sons, Dowagiac, Mich. Fish lure. 2,123,951; July 19.
- McAlpin, Edd, Lathrop, Calif. Carrier scraper. 2,131,961; Oct. 4.
- McAlpin, Edd, Lathrop, Calif. Combination license plate and direction signal for motor vehicles. 2,131,962; Oct. 4.
- McAuley, J. E., Mfg. Co. (See McAuley, John E., assignor.)
- McAuley, John E., assignor to J. E. McAuley Mfg. Co., Chicago, Ill. Magnetic high intensity arc. 2,115,688; Apr. 26.
- McAuliffe, Joseph M., assignor to Manning Laboratories, Kelso, Wash. Applicator. 2,122,234; June 28.
- McBain, William C., Youngstown, Ohio. Apparatus for regulating. 2,114,603; Apr. 19.
- McBath, Bartley R., Jr., Montclair, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Safety appliance for steam jet refrigeration apparatus. 2,105,545; Jan. 18.
- McBean, Douglas M. (See Arkell, B., and McBean.)
- McBean, Douglas M., Canajoharie, N. Y., assignor, by mesne assignments, to The Paper Service Company, Lockland, Ohio. Art and machine for working paper. 2,124,582; July 26.
- McBean, Kenneth D. (See Stimmel, B. A., Cruickshank, and McBean.)
- McBee Company, The. (See Gerety, Edward J., assignor.)
- McBee, Earl T. (See Hass, H. B., and McBee.)
- McBirney, Nettie C., Tulsa, Okla. Piepan. 2,135,782; Nov. 8.
- McBrady, John A., Valley City, N. Dak. Grain scouring machine. 2,105,325; Jan. 11.
- McBrady, John A., Valley City, N. Dak. Plate assembly. 2,135,191; Nov. 1.
- McBrayer, Vernon D., Phil Campbell, Ala. Measuring device. 2,138,742; Nov. 29.
- McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Car door operating and locking mechanism. 2,130,772; Sept. 20.
- McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,139,280; Dec. 6.
- McBride, Samuel R., Ravenna, Ohio, assignor to H. L. F. Company, Los Angeles, Calif. Treatment of metal. 2,131,062; Sept. 27.
- McBroom, Clyde V., assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Motor horn. 2,106,303; Jan. 25.
- McBurney, James E., Alton, Ill., assignor to Owens-Illinois Glass Company. Glass melting furnace. 2,114,744; Apr. 19.
- McBurney, John D. (See Hall, C. B., and McBurney.)
- McBurney, John D. (See Hall, C. B., McBurney, and Nollau.)
- McCaa, David G., Lancaster, Pa., assignor to A. N. Mann, Scarsdale, N. Y., as trustee. Radio circuit for static limitation. 2,112,705; Mar. 29.
- McCabe, E. B. (See Evans, Edwin J., assignor.)
- McCabe, Frank E., Shaker Heights, assignor to The Grabler Manufacturing Company, Cleveland, Ohio. Building structure. 2,116,530; May 10.
- McCabe, Frank E., Shaker Heights, assignor to The Grabler Manufacturing Company, Cleveland, Ohio. Building structure. 2,116,531; May 10.
- McCabe, Frank E., Shaker Heights, assignor to The Grabler Manufacturing Company, Cleveland, Ohio. Building structure. 2,116,532; May 10.
- McCabe, Frank E., Shaker Heights, assignor to The Grabler Manufacturing Company, Cleveland, Ohio. Building structure. 2,116,533; May 10.
- McCabe, Frank E., Shaker Heights, assignor to The Grabler Manufacturing Company, Cleveland, Ohio. Building structure. 2,116,534; May 10.
- McCabe, Frank E., Shaker Heights, assignor to The Grabler Manufacturing Company, Cleveland, Ohio. Building structure. 2,116,535; May 10.
- McCabe, Ira E. (See Hunciker, Karl, assignor.)
- McCabe, Ira E., Chicago, Ill. Combined resistor and shunt switch. 2,120,056; June 7.
- McCabe, Ira E., Chicago, Ill. Control for electrically operated stoker mechanism for coal furnaces. 2,131,783; Oct. 4.
- McCabe, Ira E., Chicago, Ill. Timer mechanism. 2,139,454; Dec. 6.
- McCabe, Ira E., Chicago, Ill. Fluid fuel burner ignition control. 2,140,708; Dec. 20.
- McCabe, John J. (See Frantz, W. A., and McCabe.)
- McCabe, John J., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Clutch mechanism. 2,130,757; Sept. 20.
- McCabe, John J., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironing machine. 2,136,722; Nov. 15.
- McCabe, Joseph J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens surfacing machine. 2,141,308; Dec. 27.
- McCabe, Joseph J., Rochester, and G. C. Schelling, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Lens surfacing machine. 2,141,309; Dec. 27.
- McCabe, Raleigh, Chicago, Ill. Brassière and bust garment. 2,127,927; Aug. 23.
- McCabe, Viola, Miami, Fla. Supporting base. 2,115,274; Apr. 26.
- McCaffrey, John T., assignor of fifty-five per cent to Standard Armature Parts Co., Birmingham, Ala. Insulation applying machine. 2,111,457; Mar. 15.
- McCaffrey, John V., et al. (See Hosmer, George, assignor.)
- McCaffrey, John W., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,119,110; May 31.
- McCaffrey, William H., Minneapolis, Minn. Shoe heel clamp. 2,124,144; July 19.
- McCallan, John K. (See Hirsch, J. M., and McCallan.)
- McCallin, George L., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Wheel suspension. 2,115,915; May 3.
- McCall, Philip L., Pittsburgh, Pa., assignor to The Loudon Machinery Company, Fairfield, Iowa. Shielding for electrical conductors. 2,137,604; Nov. 22.
- McCallab, Albert G. (See Allen, Hugh B., assignor.)
- McCallab, Kenneth V., and P. Stumm, Tucson, Ariz. Fire fighting feeder mechanism for hoists. 2,127,182; Aug. 16.
- McCallab, Ruth F., Evansville, Ill. Garment for long-sleeved dress. 2,126,113; Nov. 8.
- McCall, Arthur B., Springfield, Ill. Insulating handgrip. 2,126,201; Aug. 9.
- McCall Corporation. (See Eaton, Everett R., assignor.)
- McCall, Francis J. (See Austin, P. R., and McCall.)



- McCall, Francis J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing high molecular alcohols from the corresponding ketones. 2,108,133; Feb. 15.
- McCall, Hugh W., Grand Island, Nebr. Emasculatome. 2,139,967; Dec. 13.
- McCallum, Claud E., assignor of one-half to F. O. Weisenburg, and one-half to F. W. Pickard, Miami, Fla. Advertising display apparatus. 2,126,567; Aug. 9.
- McCallum, Eric S., Hurstville, New South Wales, Australia. Making hinges for doors and the like. 2,135,723; Nov. 8.
- McCallum, John S., Goldfield, Iowa. Removing snow from roadways. 2,118,851; May 31.
- McCamy, Robert G., assignor to Cabin Crafts, Dalton, Ga. Tufting machine. 2,112,219; Mar. 22.
- McCandless, Robert L. (See Hoburg, W. L., McCandless, and Berry.)
- McCanless, William A., and R. R. Henderson, assignors to Yosemite Portland Cement Corporation, Merced, Calif. Pneumatic cement conveyor. 2,127,693; Aug. 23.
- McCann, Forest G., San Diego, Calif. Well boring apparatus. 2,116,359; May 3.
- McCann, Frank J., et al. (See Hansch, August C. (assignor) and H. E.)
- McCann, Howard C., Imperial Beach, Calif. Shaver. 2,123,608; July 12.
- McCann, John J., Burlington, N. J. Hinge joint for artificial limbs. 2,134,288; Oct. 25.
- McCann, M. F. (See Sloan, William H., assignor.)
- McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Guard for sewing machines. 2,127,339; Aug. 16.
- McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Button sewing machine. 2,131,012; Sept. 20.
- McCann, Paul S., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 2,105,090; Jan. 11.
- McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,128,590; Aug. 30.
- McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,131,385; Sept. 27.
- McCann, Ronald A., Swissvale, and H. S. Young, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,133,627; Oct. 18.
- McCann, Thomas A. (See Bailey, A., and McCann.)
- McCann, Thomas A., East Orange, N. J., assignor to American Telephone and Telegraph Company. Telegraph repeating system. 2,109,026; Feb. 22.
- McCarroll, Francis, U. S. Navy. Parachute harness. 2,114,310; Apr. 19.
- McCarroll, Russell H. (See Sorensen, C. E., and McCarroll.)
- McCarthy, Harry C., Jacksonville, Fla. Refrigerated liquid dispenser. 2,126,491; Aug. 9.
- McCarthy, Daniel J. (See Larson, C. H., and McCarthy.)
- McCarthy, Edward J., Newton, assignor to The Gamewell Company, Newton Upper Falls, Mass. Direct current signaling system. 2,137,760; Nov. 22.
- McCarthy, Francis V., et al., trustees. (See Simoneau, Charles B., assignor.)
- McCarthy, Harry, Kewanee, Ill., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,125,942; Aug. 9.
- McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge tube. 2,122,377; June 28.
- McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Suppressor grid tube. 2,126,492; Aug. 9.
- McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Wave signaling system. 2,131,538; Sept. 27.
- McCarthy, John J., Malden, Mass. Directional intake control for internal combustion engines. 2,137,344; Nov. 22.
- McCarthy, Timothy F., Indiana, Pa. Apparatus for handling material in mines. 2,139,129; Dec. 6.
- McCarty, Bernard Y. (See Manley, R. E., McCarty, and Gross.)
- McCarty, Bernard Y., Beacon, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,132,359; Oct. 4.
- McCarty, Lourdes V., assignor to Automatic Products Company, Milwaukee, Wis. Pan-type constant level device. 2,133,556; Oct. 18.
- McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Voltage sensitive reversible motor. 2,123,140; July 5.
- McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Protective circuit. 2,137,216; Nov. 15.
- McCarty, Roy C., assignor of two-ninths to E. J. McAllister, three-ninths to J. H. Von Harten, Seattle, and two-ninths to R. G. Bale, Spokane, Wash. Hydraulic brake lockout. 2,105,748; Jan. 18.
- McCaskey Register Company. (See Clark, Harold W., assignor.)
- McCauley, Ernest G., Dayton, Ohio. Pneumatic brake. Re. 20,803; July 19.
- McCauley, Ernest G., Pittsburgh, Pa. Brake operating mechanism. 2,105,196; Jan. 11.
- McCauley, John H., Hillside, N. J. Electrical discharge devices. 2,132,427; Oct. 11.
- McCauley, John H., Hillside, N. J. Animated electrical discharge device. 2,133,205; Oct. 11.
- McCauley, John H., Hillside, N. J. Electrical discharge device. 2,133,206; Oct. 11.
- McCauley, Myron D., Huntington Woods, Mich. Apparatus for storing and displaying maps. 2,110,771; Mar. 8.
- McCauley, Roy B., Chicago Heights, Ill. Acid resisting alloy. 2,117,191; May 10.
- McCavitt, John, Atlantic City, N. J. Universal joint. 2,114,807; Apr. 19.
- McChesney, Cuyler S., and M. Lukacz, Jr., Kenmore, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Apparatus for printing tennis balls. 2,138,350; Nov. 29.
- McClain, Grover A., San Francisco, Calif. Caster wheel. 2,115,114; Apr. 26.
- McClain, Jesse B., assignor to The Garlock Packing Company, Palmyra, N. Y. Stuffing box. 2,130,741; Sept. 20.
- McClain, John, Chicago, Ill. Liquid level indicator. 2,113,662; Apr. 12.
- McClanahan, Frederick C., assignor of one-third to J. K. Moore and one-third to J. P. Roundtree, Homer, La. Safety device for vehicle doors. 2,115,643; Apr. 26.
- McClanahan, Luther C., and F. G. Riedel, assignors to Houde Engineering Corporation, Buffalo, N. Y. Heating and cooling system for vehicles. 2,134,724; Nov. 1.
- McClanahan, Thomas G., Seattle, Wash., assignor to M. Roumm. Refrigerated spigot. 2,120,460; June 14.
- McClane, Joseph L., Hempstead, N. Y., assignor to Seversky Aircraft Corporation. Aircraft structure. 2,130,504; Sept. 20.
- McClary, Horace P., et al., executors. (See Cone, Frank L.)
- McClatchie, John M., Middletown, assignor to The Borden Company, New York, N. Y. Receptacle inverting mechanism. 2,119,642; June 7.
- McClave, James M., Denver, Colo. Separating minerals, hydrocarbons, and the like from associated materials. 2,130,144; Sept. 13.
- McClay, Roy C., West Los Angeles, Calif., assignor to United Research Corporation, Long Island City, N. Y. Combined motion picture and sound reproducer. 2,119,136; May 31.
- McCleary, Louis F., Twin Falls, Idaho. Sled. 2,109,826; Mar. 1.
- McClellan, C. B. (See Gorton, Clyde B., assignor.)
- McClellan, Raymond H. (See Linden, C. E., and McClellan.)
- McClellan, Thomas D., Passaic, N. J. Dye tub. 2,133,823; Oct. 18.
- McClelland, Arthur H., assignor to E. J. Rose, Los Angeles, Calif. Diathermy apparatus. 2,105,749; Jan. 18.
- McClew, John W. (See Baker, G. T., and McClew.)
- McClintic-Marshall Corporation. (See McDaniel, B. P., and Gingrich, assignors.)
- McClintock, O. B., Company. (See Schweiso, Clifford C., assignor.)
- McCloskey Varnish Company. (See Bonham, Maurice J., assignor.)
- McCloskey, Irving G. (See Rouse, William C., assignor.)
- McCloskey, Wilbert J., Toledo, Ohio. Flare. 2,120,255; June 14.
- McCloud, Edward H. (See Pixley, M. A., and McCloud.)
- McCloud, Edward H., Columbus, Ohio, assignor, by mesne assignments, to General Door Company, Reno, Nev. Closure-operating device. 2,110,231; Mar. 8.
- McCloy, David A., Stratford, Ontario, Canada. Roller skate. 2,136,306; Nov. 8.
- McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,960; Oct. 25.
- McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus and method. 2,133,963; Oct. 25.
- McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,133,965; Oct. 25.
- McCluer, Wilbert B. (See Fenske, M. R., and McCluer.)
- McCluer, Wilbert B., State College, Pa., assignor to Pennsylvania Petroleum Research Corporation. Testing of lubricating oils. 2,116,442; May 3.
- McClune, Henry C., Topeka, Kans. Smoking pipe. 2,116,951; May 10.
- McClung, Winsboro, Merrick, assignor of one-half to B. C. Streng, New York, N. Y. Automobile door lock. 2,117,192; May 10.
- McClure, Arthur W., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,104,568; Jan. 4.
- McClure, Arthur W., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,107,868; Feb. 8.
- McClure, Arthur W., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,107,869; Feb. 8.



- McClure, Charles B., Denver, Colo., assignor to L. L. McClure. Water temperature control valve. 2,106,929; Feb. 1.
- McClure, Ernest C., Wahroonga, New South Wales, Australia, assignor to Powers Accounting Machines Limited. Sterling calculating machine. 2,113,352; Apr. 5.
- McClure, Glenn T. (See Fitch, E. R., and McClure.)
- McClure, Lenore L. (See McClure, Charles B., assignor.)
- McClure, Raymond R. (See Bates, W. C., and McClure.)
- McClure, Robert E., assignor, by mesne assignments, to The Wean Engineering Co., Inc., Warren, Ohio. Selective control system. 2,130,808; Sept. 20.
- McClure, Samuel S., assignor to Kimble Glass Company, Vineland, N. J. Hydrometer. 2,127,065; Aug. 16.
- McCluskey, Francis J., and G. W. Goldner, assignors to James R. Kearney Corporation, St. Louis, Mo. Housing. 2,114,745; Apr. 19.
- McColl, Francis P., deceased, St. Andrews, New Brunswick, Canada, by M. P. McColl, executrix. Moisture-proofing. 2,109,749; Mar. 1.
- McColl, Mary P., executrix. (See McColl, Francis P.)
- McCollum, Andrew O., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing machine. 2,104,950; Jan. 11.
- McCollum, Elton V., assignor to Continental Oil Company, Ponca City, Okla. Making geological explorations. 2,118,441; May 24.
- McCollum, Elton V., and L. F. Athy, assignors to Continental Oil Company, Ponca City, Okla. Geophysical method of determining geological structures. 2,118,442; May 24.
- McCollum, Henry J., Evanston, Ill. Clutch control mechanism. 2,136,800; Nov. 15.
- McCollum, Henry J. D. (See McCollum, James H. K. and H. J. D.)
- McCollum, James H. K., and H. J. D., Long Branch, N. J., assignors to A. Parker-Smith, New York, N. Y. Vacuum power clutch. 2,129,358; Sept. 6.
- McColly, John C., Hinsdale, Mont. Wind wheel brake. 2,112,900; Apr. 5.
- McColly, John C., Hinsdale, Mont. Governor. 2,126,202; Aug. 9.
- McComb, James K., and G. D. Burruss, assignors to Staneat Apparel Company Limited, Toronto, Ontario, Canada. Uniform, dress, and like garment. 2,128,536; Aug. 30.
- McComb, Mary O. (See Lorenzen, Ben L., assignor.)
- McComb, Parker, Monroe, La. Treating carbonates. 2,107,255; Feb. 1.
- McConkey, Montgomery W. (See Sanford, R. S., and McConkey.)
- McConkey, Montgomery W., assignor to Republic Flow Meters Company, Chicago, Ill. Chart mounting for instruments. 2,113,736; Apr. 12.
- McConnaughay, Kenneth E., Otterbein, Ind. Emulsifier. 2,118,616; May 24.
- McConnaughay, Kenneth E., Otterbein, Ind. Aggregate coating apparatus. 2,139,027; Dec. 6.
- McConnell, Andrew J., Upper Darby, Pa., assignor to General Electric Company. Electroresponsive device. 2,110,673; Mar. 8.
- McConnell, Elliott B. (See Musselman, J. M., and McConnell.)
- McConnell, Elliott B., Shaker Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Making asphalt. 2,121,437; June 21.
- McConnell, Frank L., Springfield, Ill. Clothesline holder. 2,133,936; Oct. 18.
- McConnell, John L., Chicago, Ill. Electric lamp socket strip and wire housing. 2,137,536; Nov. 22.
- McConnell, Palmer B., Appleton, assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispensing carton. 2,115,867; May 3.
- McConnell, Robert J. (See Truslow, J. L., and McConnell.)
- McConnell, Samuel V., and R. P. Olsson, Seattle, Wash. Wiener vending machine. 2,139,690; Dec. 13.
- McConnell, Thomas, Northampton, assignor to Hampton Company, Easthampton, Mass. Dampening fabrics. 2,117,491; May 17.
- McConnochie, James F. (See Brenninger, Alfred W., assignor.)
- McCord, Alvin C., Detroit, Mich. Safety roll wringer. 2,117,193; May 10.
- McCord, Andrew T., Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Clarification and purification of industrial acid liquors. 2,133,251; Oct. 11.
- McCorkle, Claire L. (See McCorkle, Donald H., assignor.)
- McCorkle, Donald H., assignor to C. L. McCorkle, Berkeley, Calif. Electric valve. 2,118,443; May 24.
- McCormack, Alex A. (See Hull, H. E., and McCormack.)
- McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Resilient yielding material. 2,122,378; June 28.
- McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,124,234; July 19.
- McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,133,358; Oct. 18.
- McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,137,761; Nov. 22.
- McCormack, Denis. (See Chappell, R. R., McCormack, and Colt.)
- McCormick, Charles G., Queens Village, N. Y., and P. W. Sheatsley, Mountain Lakes, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Connecting block and jack assembly. 2,104,434; Jan. 4.
- McCormick, Denis. (See Chappell, R. R., McCormack, and Streb.)
- McCormick, Elmer, M. D. Stewart, and W. H. Worthington, assignors to John Deere Tractor Company, Waterloo, Iowa. Hydraulic mechanism. 2,107,760; Feb. 8.
- McCormick, Francis H., Dayton, Ohio, assignor to Edison General Electric Appliance Company Incorporated, Chicago, Ill. Pail. 2,127,958; Aug. 23.
- McCormick, Fred W., Grand Rapids, Mich. Latch construction. 2,125,515; Aug. 2.
- McCormick, George, Redwood City, Calif. Journal box lubricator. 2,123,654; July 12.
- McCormick, George C., Needham, assignor to General Alloys Company, Boston, Mass. Rail wearing surface. 2,105,838; Jan. 18.
- McCormick, Lewis M., Palo Alto, Calif. Arch support, locator, and retainer. 2,133,302; Oct. 18.
- McCormick, Otis, U. S. Army, Fort Benning, Ga. Data computer. 2,112,858; Apr. 5.
- McCormick, Rembe, Chicago, Ill. Pin curler. 2,138,608; Nov. 29.
- McCormick, Thomas J. (See Marshall, B. D., and McCormick.)
- McCormick, William J., Toronto, Ontario, Canada. Production and inhalation of tobacco fumes. 2,104,266; Jan. 4.
- McCown, John L. (See Fawcett, E. W., and McCown.)
- McCown, John L. (See Vigers, B. E. A., and McCown.)
- McCown, Andrew R., trustee. (See Franks, James B., Jr., assignor.)
- McCown, Donald R., San Diego, Calif. Hair net. 2,106,056; Jan. 18.
- McCown, Martha, Phenicia, N. Y. Ventriloquist's dummy. 2,114,851; Apr. 19.
- McCoy, Charles F., Pennington, assignor to Trenton Spring Products Company, Trenton, N. J. Proportional resistance spring structure. 2,137,298; Nov. 22.
- McCoy, Elizabeth F., Madison, Wis., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of butyl alcohol and acetone by fermentation. 2,110,109; Mar. 1.
- McCoy, Robert L., assignor to Locke Insulator Corporation, Baltimore, Md. Switch and bus insulator stack. 2,106,616; Jan. 25.
- McCoy, Rush O., Berwyn, Ill., assignor to International Patents Development Company, Wilmington, Del. Starch conversion. 2,105,221; Jan. 11.
- McCoy, Rush O., Berwyn, Ill., assignor to International Patents Development Company, Wilmington, Del. Evaporation of steep water. 2,126,568; Aug. 9.
- McCoy, William K., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Thermocouple system. 2,109,396; Feb. 22.
- McCracken, John, Burgettstown, Pa. Tie holder. 2,117,969; May 17.
- McCracken, Marcelite E., Evanston, Ill. Undergarment. 2,126,905; Aug. 16.
- McCrary, Artie E. (See Shrewsbury, Lemuel A., assignor.)
- McCray, Howard S., Port Neches, Tex., assignor to The Texas Company, New York, N. Y. Emulsion apparatus. 2,125,245; July 26.
- McCray Refrigerator Company. (See Hopkins, George J., assignor.)
- McCraw, William E., Bishop's Falls, Newfoundland. Skidding plate. 2,132,744; Oct. 11.
- McCraw, William E., Bishop's Falls, Newfoundland. Logging conveyer. 2,141,482; Dec. 27.
- McCrea, Adella, assignor to Parke, Davis & Company, Detroit, Mich. Medicament. 2,105,197; Jan. 11.
- McCrea, Arthur M., Lamar, Mo., assignor to Western Cartridge Company, East Alton, Ill. Target trap. 2,121,763; June 21.
- McCready, Byron R., Gary, Ind. Smoker's accessory. 2,118,564; May 24.
- McCready, James P., New York, N. Y. Direction indicating system. 2,120,288; June 14.
- McCreary, Harold J., Genoa, Ill. assignor to Chicago Television & Research Laboratories, Inc. Liquid distribution apparatus. 2,129,592; Sept. 6.
- McCroskey Tool Corporation. (See Miles, F. P., and Dean, assignors.)
- McCroskey, John T., New York, N. Y. Container. 2,115,310; Apr. 26.
- McCue, Gerold, assignor to The Burger Brothers Company, New Haven, Conn. Device for posture study. 2,118,093; May 24.
- McCue, William J., assignor to Industrial Patents Corporation, Chicago, Ill. Extrusion nozzle. 2,109,574; Mar. 1.
- McCulloch, Leon. (See Strom, A. P., Demmitt, and McCulloch.)
- McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulating conductors. 2,104,850; Feb. 1.



- McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Coating for ferrous alloys. 2,121,606; June 21.
- McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing crystalline boric oxide. 2,137,058; Nov. 15.
- McCulloch, Norman E., Pawtucket, and W. A. Bourne, Barrington, R. I., assignors to The Rayon Processing Co. of R. I., Inc. Shredded sheet material. 2,106,896; Feb. 1.
- McCullough, David R., Lost Spring, Wyo. Mining machine. 2,111,670; Mar. 22.
- McCullough, David R., Lost Spring, Wyo., assignor of one-third to W. O. Widger, Harrison, Nebr. Mining machine. 2,127,066; Aug. 16.
- McCullough, Edward J., New York, N. Y. Oil burner. 2,109,027; Feb. 22.
- McCullough, Gerald W. (See Nutter, I. E., Martin, and McCullough.)
- McCullough, Ira J., Los Angeles County, Calif. Well pipe cutter. 2,133,628; Oct. 18.
- McCullough, Jack A. (See Eitel, W. W., and McCullough.)
- McCullough, Paul J., assignor to J. Pavelka, Sr., St. Louis, Mo. Electrical apparatus. 2,120,289; June 14.
- McCullough, Paul J., assignor to J. Pavelka, Sr., St. Louis, Mo. Car stop. 2,121,775; June 28.
- McCullough, Paul J., assignor to J. Pavelka, Sr., St. Louis, Mo. Electric iron. 2,124,984; July 26.
- McCullough, Paul J., and J. Pavelka, Jr., assignors to J. Pavelka, St. Louis, Mo. Switch and timing mechanism. 2,112,422; Mar. 29.
- McCullough, William E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Composite bearing metal. 2,114,629; Apr. 19.
- McCullough, William E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Cyclic process for treating alunit. 2,120,840; June 14.
- McCullough, William T., assignor to Goodman Manufacturing Company, Chicago, Ill. Planetary geared reduction device. 2,137,778; Nov. 22.
- McCullough, Willis G., Cummings Point, Stamford, Conn., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Pile fabric. 2,137,203; Nov. 15.
- McCune, Burton W., assignor to Fletcher Oil Well Desander Corporation, Bakersfield, Calif. Bailer bottom. 2,125,643; Aug. 2.
- McCune, Fred L. (See Borgerd, W. F., McCune, and Uherek.)
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor. 2,106,488; Jan. 25.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic track brake. 2,106,489; Jan. 25.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Braking apparatus. 2,112,423; Mar. 29.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electrodynamic and pneumatic brake. 2,112,424; Mar. 29.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Combined electric and pneumatic brake. 2,118,412; May 24.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. High speed train control equipment. 2,132,959; Oct. 11.
- McCune, Joseph C., Edgewood, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Acceleration and deceleration controller. 2,140,640; Dec. 20.
- McCune, Joseph C., Edgewood, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic track brake. 2,140,643; Dec. 20.
- McCurdy, Frederick T., Kokomo, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Making bearing structures. 2,136,946; Nov. 15.
- McCurdy, Herschel, Detroit, Mich. Clock. 2,126,906; Aug. 16.
- McCurdy, Howard, Walnut Park, Calif. Frequency and wave length sound changer. 2,113,055; Apr. 5.
- McCurdy, William H., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. X-ray tube. 2,132,537; Oct. 11.
- McCurrah, Mabel C., Brooklyn, N. Y. Bulk measurement of tapes from different rolls. 2,141,248; Dec. 27.
- McCutchan, Winfred N. (See Carnarius, E. H., and McCutchan.)
- McCutchen, Brunson S. (See Frantz, S. G., and McCutchen.)
- McCutchen, William A., Birmingham, Ala. Bottle crate. 2,138,424; Nov. 29.
- McCutcheon, Frank S., Des Moines, Iowa. Excavating bucket. 2,126,124; Aug. 9.
- McCutcheon, Ridgie B., Fayetteville, W. Va. Amusement apparatus. 2,137,345; Nov. 22.
- McCutcheon, William N., Thornburg, Pa. Apparatus for annealing. 2,141,192; Dec. 27.
- McDaniel, Bruce P., and H. E. Gingrich, assignors to McClinton-Marshall Corporation. Storage tank. 2,135,724; Nov. 8.
- McDaniel, Charles R., Oklahoma City, Okla. Deep well pump. 2,141,957; Dec. 27.
- McDaniel, George R., Cincinnati, Ohio, assignor, by mesne assignments, to Diamond Alkali Company, Pittsburgh, Pa. Stable, hydrous silicate and making same. 2,131,718; Sept. 27.
- McDaniel, James A., Memphis, Tenn. Gear shifting mechanism. 2,108,264; Feb. 15.
- McDaniel, William L., Cleveland, Ohio, assignor to Massey Concrete Products Corporation, Chicago, Ill. Cribbing. 2,123,016; July 5.
- McDaniels, Shryock P., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,110,998; Mar. 15.
- McDavitt, Marcellus B., White Plains, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,138,186; Nov. 29.
- McDermert, James H., assignor to The Swartwout Company, Cleveland, Ohio. Ridge ventilator. 2,122,530; July 5.
- McDermott, Darwin D., San Jose, Calif. Truck loader. 2,116,728; May 10.
- McDermott, Wallace C., Washington, D. C. Garment hanger rack. 2,122,324; June 28.
- McDonald, A. Y., Mfg. Co. (See Siegert, Walter, assignor.)
- McDonald, Alexander A., Quincy, Mass. Cleat. 2,136,014; Nov. 8.
- McDonald, David L., Amarillo, Tex. Well strainer. 2,109,731; Mar. 1.
- McDonald, Edward F., Buffalo, N. Y., assignor to Faries Manufacturing Company, Decatur, Ill. Smoking stand and accessories therefor. 2,107,010; Feb. 1.
- McDonald, Edward F., Buffalo, N. Y., assignor to Faries Manufacturing Company, Decatur, Ill. Coupling of smoking stands. 2,114,027; Apr. 12.
- McDonald, Frank A. (See Mackintosh, Charles, assignor.)
- McDonald, George S., San Pedro, Calif. Vanity box. 2,132,989; Oct. 11.
- McDonald, Herman M., Evanston, Ill., assignor to MacDee Company. Reenforced, ventilated undergarment. Re. 20,841; Aug. 30.
- McDonald, Herman M., Evanston, Ill., assignor to MacDee Company. Reenforced ventilated undergarment. 2,114,268; Apr. 12.
- McDonald, James, Weehawken, N. J., assignor to Todd Combustion Equipment, Inc., New York, N. Y. Flame cone or diffuser. 2,105,546; Jan. 18.
- McDonald, John C., New York, N. Y. Automatic train control and signaling system. 2,110,960; Mar. 15.
- McDonald, Lawrence D., Kansas City, Mo. Air conditioning. 2,110,164; Mar. 8.
- McDonald, Louis N., Youngstown, Ohio. Rod coiling apparatus. 2,132,573; Oct. 11.
- McDonald, Raymond W., assignor of one-half to C. D. Kaufmann, Washington, D. C. Radio apparatus. 2,109,431; Feb. 22.
- McDonald, Robert T., Hornell, N. Y., assignor of one-half to E. E. Grimm, Franklin, Pa. Device for conditioning and sharpening implements. 2,134,339; Oct. 25.
- McDonell, Rob R. (See Nibecker, P. B., and McDonell.)
- McDonnell, Everett N., et al. (See Shepherd, Alfred W.)
- McDonnell, Francis S., Milton, Mass. Packaging paper. 2,119,956; June 7.
- McDonnell, James S., Jr., Baltimore, and D. M. Helwig, Raspeburg, assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,124,003; July 19.
- McDonnell, James W., Palo Alto, Calif. Pressure responsive apparatus. 2,118,852; May 31.
- McDonnell, Vincent D., Chicago, Ill. Gas generator. 2,106,184; Jan. 25.
- McDonough, Everett G. (See Evans, R. L., and McDonough.)
- McDonough Iron Works. (See Humason, G. A., and Clay, assignors.)
- McDonough Iron Works, Inc. (See Weber, Louis W., assignor.)
- McDonough, James M., Galveston, and G. A. Humason, Houston, Tex. Combination casing head and Christmas tree. 2,118,094; May 24.
- McDonough, John, Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Structural unit. 2,108,685; Feb. 15.
- McDonough, R. G., et al. (See Robinson, Frederick W., assignor.)
- McDougal, Taine G., Flint, assignor to General Motors Corporation, Detroit, Mich. Tunnel Kiln. 2,137,091; Nov. 15.
- McDougal, Taine G., A. H. Fessler, and K. Schwartzwalder, Flint, assignors to General Motors Corporation, Detroit, Mich. Spark plug insulator. 2,120,338; June 14.
- McDougal, Wellington H., and G. H. Burden, Little Rock, Ark. Stop and waste valve. 2,123,655; July 12.
- McDougall, Shirley A., assignor to Dextora Company, Indianapolis, Ind. Apparatus for dehydrating viscous materials. 2,131,666; Sept. 27.
- McDowell, Charles. (See McAndrews, F. J., and Long, assignors.)
- McDowell, Charles O., Fairmont, W. Va. Apparatus for cementing wells. 2,117,898; May 17.
- McDowell Paper Mills. (See McAndrews, F. J., and Long, assignors.)



- McDowell, Thomas E., assignor to The Pyle-National Company, Chicago, Ill. Plug and receptacle. 2,127,928; Aug. 23.
- McDowell, Thomas E., and W. A. Wulle, assignors to The Pyle-National Company, Chicago, Ill. Fuse ejector. 2,131,292; Sept. 27.
- McDowell, Thomas E., Oak Park, and J. G. Howard, assignors to The Pyle-National Company, Chicago, Ill. Self-exciting alternating current machine. 2,134,880; Nov. 1.
- McDowell, William W., and G. S. Wells, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,111,119; Mar. 15.
- McElgin, John, Philadelphia, assignor to John J. Nesbitt, Inc., Holmesburg, Philadelphia, Pa. Radiator. 2,138,187; Nov. 29.
- McElhane, James R., and R. Stoker, Vandergrift, Pa., assignors to American Sheet and Tin Plate Company. Coating sheet metal. 2,108,381; Feb. 15.
- McElroy, William S. (See Guthrie, C. C., and McElroy.)
- McElrath, Hunter B., assignor of one-half to J. J. Wright, Jr., of Winston-Salem, N. C. Lubricating device. 2,120,031; June 7.
- McElroy, Harold S., Philadelphia, assignor to Franklin Tile Company, Lansdale, Pa. Crate for packing and unpacking tile. 2,117,194; May 10.
- McElroy, Isaac E., and R. H. Shadrack, assignors to Minnesota Appliance Corporation, Minneapolis, Minn. Variable speed pulley. 2,135,348; Nov. 1.
- McElroy, John H., and E. J. Yeo, Pearl River, N. Y., and F. G. Binder, Philadelphia, Pa., assignors to Dexter Folder Company, New York, N. Y. Sheet feeder. 2,140,023; Dec. 13.
- McElroy, Robert H. (See Godchaux, L. G., Dietz, and McElroy.)
- McElwain, J. F., Co. (See Naceski, Austin, assignor.)
- McElwaine, Clayton B., assignor of fifty-one per cent to H. N. Greis, Tulsa, Okla. Gas regulating valve. 2,122,987; July 5.
- McEntee, James A., assignor to The Chase-Shawmut Company, Newburyport, Mass. Nontamperable fuse. 2,115,447; Apr. 26.
- McElean, Wallace F. J., Vancouver, British Columbia, Canada. Ore mill. 2,115,314; Apr. 26.
- McEuen, Harry B., Jacksonville, Fla. Cathode filament control for X-ray tubes. 2,130,020; Sept. 13.
- McEwan, Matthew H., assignor to Woodall-Duckham (1920) Limited, London, England. Charging apparatus for carbonizing plants. 2,141,545; Dec. 27.
- McEwen, William A., La Grande, Oreg. Self-help merchandising device. 2,118,320; May 24.
- McFadden, Ross M., Los Angeles, Calif. Curler pad. 2,106,326; Jan. 25.
- McFadden, Ross M., Glendale, Calif. Curler. 2,109,218; Feb. 22.
- McFall, Thurlow E. (See Thwaites, William H., assignor.)
- McFarlan, Ronald L. (See Bowles, J. A. C., and McFarlan.)
- McFarlan, Ronald L., Marblehead Neck, and J. A. C. Bowles, Boston, Mass. Heating pad. 2,114,396; Apr. 19.
- McFarlan, Ronald L., Marblehead Neck, and J. W. Reddie, Hull, assignors to United Drug Company, Boston, Mass. Apparatus for measuring the concentration of vitamin A. 2,123,573; July 12.
- McFarland, Edward G., assignor to The Indian Refining Company, Lawrenceville, Ill. Solvent refining of mineral oil. 2,139,240; Dec. 6.
- McFarland, James L., Schenectady, N. Y., assignor to General Electric Company. Calcining apparatus. 2,115,586; Apr. 26.
- McFarland, John W., St. Anthony, Idaho, assignor to Easy Lift Lid Company. Mechanical device for opening milk cans. 2,122,618; July 5.
- McFarland, Samuel E. (See Lamothe, R. L., and McFarland.)
- McFarlane, Edwin C., Pearl River, N. Y. Plug valve. 2,137,248; Nov. 22.
- McFarlane, George W., Houston, Tex. Well screen. 2,115,205; Apr. 26.
- McFarlane, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera attachment. 2,132,694; Oct. 11.
- McFarlane, Robert B., Toronto, Ontario, Canada. Door lock. 2,141,088; Dec. 20.
- McFarlin, Julius R., Cleveland, Ohio. Game apparatus. 2,112,444; Mar. 29.
- McGann, Grace W., et al. (See Eaton, Roland D., assignor.)
- McGarry, John T., Cincinnati, Ohio. Spout support for railway water columns. 2,134,412; Oct. 25.
- McGarry, Burns T. (See Hart, F. W., and McGarry.)
- McGauchie, Ernest F. N., Quarry Hill, Bendigo, Victoria, Australia. Apparatus for varying the stroke of pump rods and the like. 2,123,374; July 12.
- McGauchie, Ernest F. N., Bendigo, Victoria, Australia. Varying the stroke of pump rods or like reciprocating members. 2,135,011; Nov. 1.
- McGaugh, Calvin G., Dallas, Tex. Display rack. 2,130,672; Sept. 20.
- McGaughy, Carver N., Clarksburg, W. Va. Compounds and processes for cleaning molds. 2,110,034; May 3.
- McGavack, John, Leonia, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Preservation of latex. 2,126,268; Aug. 9.
- McGaw, Foster G., Evanston, Ill., assignor to American Hospital Supply Corporation. Therapeutic appliance. 2,110,069; Mar. 1.
- McGaw, Foster G., Evanston, Ill., assignor to American Hospital Supply Corporation. Insufflator. 2,120,762; June 14.
- McGay, John B., Tulsa, Okla., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Chart calculating machine. 2,128,834; Aug. 30.
- McGay, John B., and G. E. Nicholson, Tulsa, Okla., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Bomb. 2,112,174; Mar. 22.
- McGean Chemical Company, The. (See Waite, Virgil H., assignor.)
- McGee, Charles L., Oklahoma City, Okla., assignor to Ludowici-Celadon Company, Chicago, Ill. Roof structure. 2,109,673; Mar. 1.
- McGee, Clifford N., Dry Ridge, Ky. Retainer for beer case covers. 2,113,486; Apr. 5.
- McGee, Frank R., Steubenville, Ohio. Valve. 2,121,707; June 21.
- McGee, Joseph R., Los Angeles, Calif. Signaling device. 2,107,952; Feb. 8.
- McGee, Robert E., Beeville, Tex. Actuating mechanism for hydraulic brakes. 2,106,304; Jan. 25.
- McGehee, Wallace L., and H. W. Lubnow, Kansas City, Mo. Apparatus for manufacturing dried feed. 2,119,790; June 7.
- McGeough, William J., Providence, R. I., assignor to U. S. Bobbin & Shuttle Company, Manchester, N. H. Bobbin. 2,132,990; Oct. 11.
- McGiffert, John R., and O. L. Berby, assignors to Clyde Iron Works, Duluth, Minn. Loading hoist. 2,131,479; Sept. 27.
- McGill, Alexander, and H. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for converting continuous filaments into products containing staple fibers. 2,140,535; Dec. 20.
- McGill, Graham S. (See Beyer, William K., assignor.)
- McGill, Howard H., et al. (See Bear, Albert B., assignor.)
- McGill Manufacturing Company. (See Popp, Rudolf, assignor.)
- McGill Metal Products Company. (See Sharpe, Robert H., assignor.)
- McGill Metal Products Company. (See Stilson, Herbert A., assignor.)
- McGill, William H., Winchester, Mass. Tool sharpening apparatus. 2,128,591; Aug. 30.
- McGillicuddy, Frank E., and M. P. Mockler, Cleveland, Ohio. Antitheft device for gasoline tanks. 2,104,132; Jan. 4.
- McGimsey, Charles R., Rowayton, Conn. Manufacture of woven carpet. 2,127,228; Aug. 16.
- McGinnis, Walter, Eagle Rock, and Z. Wirt, Los Angeles, Calif. Electrical connection. 2,140,843; Dec. 20.
- McGlaughlin, George G. (See Lawrence, E. S., and McGlaughlin.)
- McGlaughlin, Thomas, Canton, Ill. Mining drill. 2,114,799; Apr. 19.
- McGlohen, Daniel R., Winton, N. C. Drain cabinet. 2,133,770; Oct. 18.
- McGogy, Donald H., McMinnville, Oreg. Thermostatically controlled variable speed device. 2,129,066; Sept. 6.
- McGohan, George W. (See Canfield, J. J., and McGohan.)
- McGoldrick, Thomas F., Chicago, Ill. Brush. 2,112,297; Mar. 29.
- McGoldrick, Thomas F., Chicago, Ill. Combination tool. 2,126,023; Aug. 9.
- McGoldrick, William J., Marshfield, assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Control. 2,135,829; Nov. 8.
- McGonigall, John L., Philadelphia, Pa. Internal combustion engine. 2,138,351; Nov. 29.
- McGovern, Francis E. (See Smith, A. L., and McGovern.)
- McGovern, Owen, Chicago, Ill. Hanger. 2,130,307; Sept. 13.
- McGowan, Albert E., Carlisle, Pa. Pulley clutch. 2,118,734; May 24.
- McGowan, Frank D., Worcester, Mass. Container. 2,106,122; Jan. 18.
- McGowan, Harold, Mason City, Iowa. Violin body rest. 2,110,023; Mar. 1.
- McGowan, Michael E., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Cementless base for incandescent lamps. 2,119,681; June 7.
- McGowan, Michael E., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Machine for sealing evacuated vessels. 2,132,338; Oct. 11.
- McGowan, Thomas R. (See Gantner, W. A., and McGowan.)
- McGowan, William I., and A. J. Puschon, Cambridge, Mass. Container closure lining machine. 2,114,209; Apr. 19.
- McGowan, William I., and A. J. Puschon, Cambridge, Mass. Container closure and manufacturing the same. 2,114,308; Apr. 19.
- McGowen, William R., assignor to The McKay Company, Pittsburgh, Pa. Chair. 2,124,130; June 24.



- McGowen, William R., assignor to The McKay Company, Pittsburgh, Pa. Chair. 2,134,639; Oct. 25.
- McGrady, Leon L., Rochester, N. Y., and C. G. Rittenhouse, Chicago, Ill., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Non-fogging container for moisture containing materials. 2,118,262; May 24.
- McGrane, Henry F., Omaha, Nebr. Artificial tooth. 2,115,116; Apr. 26.
- McGrane, Walter J., Chicago, Ill. Breeze deflector. 2,109,545; Mar. 1.
- McGrath, James. (See Crawford, J. W. C., and McGrath.)
- McGrath, Leigh J. See Hunt, F. C. and McGrath.)
- McGrath, Leigh J., San Mateo, assignor to Zellerbach Paper Company, San Francisco, Calif. Sheet cutting and paneling machine. 2,134,310; Oct. 25.
- McGrath, Richard R., Jefferson, Iowa, assignor of one-half to W. G. and J. V. Pooley. Device for sterilizing barber's duster brush. 2,129,777; Sept. 13.
- McGrath, William L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Lighting control system. 2,122,887; July 5.
- McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Hose coupling. 2,127,086; Aug. 16.
- McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,138,768; Nov. 29.
- McGraw Electric Company. (See Graham, Maurice H., assignor.)
- McGraw Electric Company. (See Ireland, Murray, assignor.)
- McGraw Electric Company. (See Sardeson, Robert, assignor.)
- McGraw Electric Company. (See Scharf, Frank W., assignor.)
- McGregor, Thomas A. (See Saunders, W. S., and McGregor.)
- McGrew, Earl E. (See Amos, A. G., McGrew, and Hergenrader.)
- McGrew, Orville V., Chicago, Ill. Composition for treating metallic surfaces. 2,115,425; Apr. 26.
- McGrew, Orville V., Chicago, Ill. assignor to McGrew Paint & Asphalt Co. Wall finish. 2,130,357; Sept. 20.
- McGrew Paint & Asphalt Co. (See McGrew, Orville V., assignor.)
- McGrew, Walter A. (See Buckley, G. R., and McGrew.)
- McGuiffey, Orton S., assignor to Kold-Hold Manufacturing Company, Lansing, Mich. Heat exchanger and accumulator. 2,121,253; June 21.
- McGuire, Donald E. (See Clauss, J. A., and McGuire.)
- McGuire, Earl F., assignor of one-half to N. C. Mortensen, Coon Rapids, Iowa. Feeder for stock. 2,111,190; Mar. 15.
- McGuire, Everett E., et al. (See Stevens, Roy, assignor.)
- McGuire, John, Wirral, England. Dibbling machine. 2,111,478; Mar. 15.
- McGuire, V. B., Manufacturing Company. (See Self, Clarence L., assignor.)
- McHaffie, Ivan R., Montreal, Quebec, Canada, and D. Tyrer, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Treatment of metallic sulphides to recover sulphur and metallic oxides therefrom. 2,115,780; May 3.
- McHale, Frank M. (See Behrmann, Harold E., assignor.)
- McHargue, Albert, Brazil, Ind. Vehicle top. 2,111,458; Mar. 15.
- McHugh, Anthony L., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Locking device. 2,140,644; Dec. 20.
- McHugh, Charles P., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Liquid tank. 2,136,390; Nov. 15.
- McHugh, Frederick J., Dorval, Quebec, Canada. Cable anchor. 2,132,269; Oct. 4.
- McHugh, Joseph P., Scranton, Pa., assignor, by mesne assignments, to Industrial Machine Corporation. Silk throwing and quill or cop forming apparatus. 2,114,093; Apr. 12.
- McHugh, Joseph P., Scranton, Pa., assignor, by mesne assignments, to Industrial Machine Corporation. Swing spindle attachment for a spinning frame. 2,114,094; Apr. 12.
- McHugh, Joseph P., Scranton, Pa., assignor, by mesne assignments, to Industrial Machine Corporation. Spindle attachment for a spinning frame. 2,114,095; Apr. 12.
- McHugh, William O., St. Louis, Mo. Package of dental X-ray films. 2,127,365; Aug. 16.
- McIlvaine, Oran T., St. Charles, Ill. Oscillator. 2,121,607; June 21.
- McIlvaine, Oran T., assignor to McIlvaine Patent Corporation, St. Charles, Ill. Relay. 2,129,855; Sept. 13.
- McIlvaine Patent Corporation. (See McIlvaine, Oran T., assignor.)
- McInerney, Benjamin, Omaha, Nebr. Hydraulic brake. 2,115,995; May 3.
- McInnis, Thomas, et al. (See Herndon, William T., assignor.)
- McIntire, Charles V., Shorthills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Collector main valve assembly. Re. 20,619; Jan. 11.
- McIntire, Charles V., Short Hills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Coke oven battery. 2,107,642; Feb. 8.
- McIntire, Charles V., Short Hills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Process and apparatus for making carbureted water gas. 2,118,095; May 24.
- McIntire, Charles V., Short Hills, N. J., and W. Tiddy, assignors to Semet-Solvay Engineering Corporation, New York, N. Y. Carbureted water gas set. 2,118,096; May 24.
- McIntosh, Alan J., et al. (See Pilblad, Eric J., assignor.)
- McIntosh, Alan J., et al. (See Strange, Charles C., assignor.)
- McIntosh, Robert D. (See Beehler, V. D., and McIntosh.)
- McIntosh, Roy E., assignor to Star Expansion Bolt Company, New York, N. Y. Die casting and assembling expansion shields or anchors. 2,137,537; Nov. 22.
- McIntosh, Roy E., assignor to Star Expansion Bolt Company, New York, N. Y. Die casting and assembling expansion shields. 2,137,538; Nov. 22.
- McIntosh, Roy E., assignor to Star Expansion Bolt Company, New York, N. Y. Apparatus for die casting articles. 2,137,539; Nov. 22.
- McIntire, Charles V., Short Hills, N. J., and L. F. Schrader, Bellerose, assignors to Semet-Solvay Engineering Corporation, New York, N. Y. Waste heat boiler. 2,126,125; Aug. 9.
- McIntosh, Earl C., St. Louis, Mo. Device for terracing graves. 2,115,868; May 3.
- McIntyre, Duncan J., Syracuse, N. Y. Cover and mounting for vents and the like. 2,119,923; June 7.
- McIntyre, Ernest L., Sapulpa, Okla. Rod line coupler. 2,129,067; Sept. 6.
- McIntyre, Hugh, Kirkland Lake, Ontario, Canada. Rotary internal combustion engine. 2,126,795; Aug. 16.
- McIntyre, Malcolm, Old Greenwich, Conn. Sailing craft. 2,106,432; Jan. 25.
- McIntyre, Thomas J., assignor to Macklin Company, Jackson, Mich. Grinding wheel. 2,126,403; Aug. 9.
- McIntyre, William H., Toledo, Ohio. Control for internal combustion engines. 2,124,403; July 19.
- McJunkin, Paul, Wrightsville, Pa., assignor to The Texas Company, New York, N. Y. Grease testing machine. 2,104,163; Jan. 4.
- McKay, Charles H. (See Fickett, E. L., Forman, and McKay.)
- McKay Company, The. (See Cole, Nelson E., assignor.)
- McKay Company, The. (See McGowen, William R., assignor.)
- McKay Company. (See McKay, George R., assignor.)
- McKay, Eugene H., assignor to Kellogg Company, Battle Creek, Mich. Cereal food process. 2,131,450; Sept. 27.
- McKay, George R., Garden City, assignor to McKay Company, New York, N. Y. Glass etching. 2,127,781; Aug. 23.
- McKay, John W., Brooklyn, N. Y., assignor to National Television Corporation, Wilmington, Del. System of transmitting images. 2,109,622; Mar. 1.
- McKay Machine Company. (See Johnston, Dwight A., assignor.)
- McKay Machine Company, The. (See Wardle, Ambrose J., assignor.)
- McKay, Stewart R., Cleveland, Ohio. Building construction. 2,120,709; June 14.
- McKeag, Alfred H., and J. T. Randall, Middlesex, England, assignors to General Electric Company. Luminescent material. 2,113,090; Apr. 5.
- McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Yarn clearer. 2,115,532; Apr. 26.
- McKee, Anna K., administratrix. (See Jolly, S. E., and McKee.)
- McKee, Cody G., Nashville, Tenn. Planting implement. 2,132,308; Oct. 4.
- McKee, Edward R. (See Williams, R. V., and McKee.)
- McKee, Edward R., Hermitage, Tenn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Regenerated cellulose structures and preparing same. 2,116,210; May 3.
- McKee, Garnet W. (See Campbell, Donald A., assignor.)
- McKee, Garnet W. (See Stadler, Albert, assignor.)
- McKee, Garnet W., Rockford, Ill. Pressure regulator. 2,129,856; Sept. 13.
- McKee, Garnet W., Rockford, Ill. Centrifugal blower rotor. 2,130,145; Sept. 13.
- McKee, Garnet W., Rockford, Ill. Centrifugal blower rotor. 2,130,146; Sept. 13.
- McKee, George K., and C. E. Bernitt, Cincinnati, Ohio, assignors to The Avey Drilling Machine Company, Covington, Ky. Machine tool. 2,125,641; Aug. 2.
- McKee Glass Company. (See Black, Harold M., assignor.)
- McKee, Grosvenor S. (See Hearn, T., and McKee.)
- McKee, Harry H., assignor to Industrial Patents Corporation, Chicago, Ill. Treating bacon. 2,119,716; June 7.
- McKee, Harry H., assignor to Industrial Patents Corporation, Chicago, Ill. Cooking meats. 2,138,898; Nov. 22.
- McKee, Harry H., assignor to Swift & Company, Chicago, Ill. Meat treating method. 2,140,162; Dec. 13.
- McKee, Harry H., assignor to Industrial Patents Corporation, Chicago, Ill. Meat cooking. 2,140,163; Dec. 13.
- McKee, Harry H., and N. J. Dziedzie, assignors to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 2,113,851; Apr. 12.



- McKee, Harry H., and F. Seaver, assignors, to Swift and Company, Chicago, Ill. Meat packing method. 2,137,897; Nov. 22.
- McKee, James, Media, assignor to Sun Oil Company, Philadelphia, Pa. Grease and making the same. 2,116,209; May 3.
- McKee, John F., Lansdowne, assignor to Yarnall-Waring Company, Philadelphia, Pa. Steam trap. 2,127,649; Aug. 23.
- McKee, Ralph H., Reno, Nev., assignor, by mesne assignments, to Cellu-Type Plate Co., Inc., Union City, N. J. Cellulose composition materials. 2,116,536; May 10.
- McKee, Ralph H., assignor to C. Barbieri, New York, N. Y. Continuously separating unsaturated hydrocarbon gases from saturated hydrocarbon gases. 2,124,426; July 19.
- McKee, Ralph H., New York, N. Y., and C. J. Brockman, Athens, Ga., assignors to The Calco Chemical Company, Inc., Bridgewater Township, Somerset County, N. J. Carrying out organic electrochemical reactions. 2,110,273; Mar. 8.
- McKee, Thomas, assignor of one-third to M. M. Dudge and one-third to C. B. Van Deman, Colorado Springs, Colo. Attachment plug. 2,123,309; July 12.
- McKeel, Percy D., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Antenna coupling device for five meter receivers. 2,109,219; Feb. 22.
- McKeesport Tin Plate Corporation. (See Hopkins, Arthur G., assignor.)
- McKeever, Roy S., assignor to Smith Separator Corporation, Tulsa, Okla. Chemical flow controller. 2,140,679; Dec. 20.
- McKeige, Edward E., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy train. 2,114,720; Apr. 19.
- McKelvy, Eugene A., Ardmore, Pa. Checkerwork. 2,107,675; Feb. 8.
- McKelvey, John J., New York, N. Y. Hose supporter. 2,120,414; June 14.
- McKenna, Philip M., Unity Township, Westmoreland County, Pa. Tungsten titanium carbide WTiC. 2,113,353; Apr. 5.
- McKenna, Philip M., Unity Township, Westmoreland County, Pa. Preparing tungsten titanium carbide. 2,113,354; Apr. 5.
- McKenna, Philip M., Unity Township, Westmoreland County, Pa. Hard compositions of matter. 2,113,355; Apr. 5.
- McKenna, Philip M., Unity Township, Westmoreland County, Pa. Making hard compositions of matter. 2,113,356; Apr. 5.
- McKenna, Philip M., Latrobe, Pa. Hard compositions of matter. 2,123,574; July 12.
- McKenna, Philip M., Latrobe, Pa. Hard compositions of matter. 2,123,575; July 12.
- McKenna, Philip M., Latrobe, Pa. Hard compositions of matter. 2,123,576; July 12.
- McKenna, Philip M., Latrobe, Pa. Carbides of tantalum and like metals and producing same. 2,124,509; July 19.
- McKenna Process Company of Illinois. (See Langford, George, assignor.)
- McKenna, William R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Filter press. 2,122,259; June 28.
- McKenney, William R., assignor of one-half to G. I. Biggs, East St. Louis, Ill. Sunken vessel locating apparatus. 2,115,996; May 3.
- McKenzie, Herbert W. (See Hensler, E. T., and McKenzie.)
- McKenzie, Herman E., Big Bay, Mich. assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Drying wood blocks. 2,120,368; June 14.
- McKenzie, John H., Chicago, Ill., assignor to Marbon Corporation. Laminated pressed wallboard. 2,125,847; Aug. 2.
- McKeon, William D. (See Berard, H. R., and McKeon.)
- McKercher, Daniel, and G. F. Yager, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Making bearings. 2,139,555; Dec. 6.
- McKercher, Manford Lemuel. (See Boneysteele, P. L., and McKercher.)
- McKerihan, Thomas J., Juniata, Pa. Building up pitted holes in a metal sheet. 2,120,525; June 14.
- McKerlie, George F., assignor to Kirsch Company, Sturgis, Mich. Venetian blind tilting mechanism. 2,117,105; May 10.
- McKesson, Albert, Chicago, Ill. Take up device for flexible conductors. 2,113,702; Apr. 12.
- McKesson & Robbins, Incorporated. (See Lane, Marshall H., assignor.)
- McKewen, John H. (See Schauer, L. L., and McKewen.)
- McKibbin Neon Incorporated, The. (See Bell, William F. G., assignor.)
- McKie, David G. (See Brown, A., Dunn, and McKie.)
- McKiernan, James D., Brooklyn, assignor to Air Reduction Company, Incorporated, New York, N. Y. Universal cutting machine. 2,127,959; Aug. 23.
- McKim, Charles F., assignor to Industrial Patents Corporation, Chicago, Ill. Pizzle removal. 2,108,921; Feb. 22.
- McKinley, Charles W., and C. J. Lauer, Flint, assignors to General Motors Corporation, Detroit, Mich. Electric fuel pump. 2,139,373; Dec. 6.
- McKinley, John M., East Cleveland, and W. K. Carter, Columbus, Ohio; said Carter assignor to National Aluminate Corporation, Chicago, Ill., and said McKinley assignor to North American Refractories Company, Cleveland, Ohio. Ferruginous siliceous refractories. 2,108,543; Feb. 15.
- McKinley, William H., and E. M. Johnson, assignors to The General Fireproofing Company, Youngstown, Ohio. Foldable chair. 2,132,309; Oct. 4.
- McKinney, Charles H., assignor of two-thirds to F. E. Drew, Portland, Oreg. Carrier. 2,118,711; May 24.
- McKinney, Edward G., Enid, Okla. System of speed regulation. 2,108,970; Feb. 22.
- McKinney, Henry J., Brookline, Mass. Theater aisle standard. 2,135,311; Nov. 1.
- McKinney, Lawrence J., and C. W. Jensen, Detroit, Mich. Safety pull-rod connect and disconnect machine. 2,136,452; Nov. 15.
- McKinney, Robert M. (See Dawson, D. H., Krchma, and McKinney.)
- McKinney, Robert S., Chevy Chase, Md., dedicated to the free use of the People of the United States of America. Adhesive. 2,104,491; Jan. 4.
- McKinney, Robert S., Chevy Chase, Md.; dedicated to the free use of the People of the United States. Alkaloid compound. 2,139,839; Dec. 13.
- McKinney, Sidney R., Clovis, N. Mex. Serving counter scale. 2,111,671; Mar. 22.
- McKinney, William A. (See Johnson, John E., assignor.)
- McKinney, William W. (See Springer, Robert E., assignor.)
- McKinnon, Alexander E. (See Crawford, D. A., McKinnon, and Apel, assignors.)
- McKinnon, Charles, Mindenmines, Mo. Automobile and bus quick-stopping safety device. 2,113,056; Apr. 5.
- McKinnon, Thomas J., Jr., Mission, Tex. Match book. 2,104,621; Jan. 4.
- McKinstry, Charles H., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,138,930; Dec. 6.
- McKissick, William H., Tulsa, Okla. Floor block. 2,140,086; Dec. 13.
- McKittrick, Donald S., Oakland, assignor to Shell Development Company, San Francisco, Calif. Desulphurizing mineral oil distillates. 2,114,852; Apr. 19.
- McKittrick, Donald S., Oakland, and H. J. Henriques, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Dewaxing mineral oils. 2,126,493; Aug. 9.
- McKittrick, Samuel A., Sandusky, Ohio. Lawn mower sharpener. 2,141,359; Dec. 27.
- McKone, Archie, assignor to Pioneer Timber Co., Ltd., Vancouver, British Columbia, Canada. Logging trailer. 2,134,233; Oct. 25.
- McKone, Archie, assignor to Pioneer Timber Co., Ltd., Vancouver, British Columbia, Canada. Multiple shoe brake. 2,139,197; Dec. 6.
- McKone, Charles W., Washington, D. C. Making pneumatic tires. 2,139,840; Dec. 13.
- McKone, Charles W., Washington, D. C. Making a pneumatic tire. 2,222,783; Mar. 29.
- McLachlan, Alexander, assignor to Jeffery Dewitt Insulator Company, Kenova, W. Va. Strain or suspension clamp. 2,139,415; Dec. 6.
- McLachlan, Gordon L., Hazel, S. Dak. Clothes drainer. 2,139,968; Dec. 13.
- McLachlan, Willard J., Scotia, N. Y., assignor to General Electric Company. Electrical regulation. 2,136,248; Nov. 8.
- McLagan, George E., assignor to Abegg & Reinhold Company, Los Angeles, Calif. Tubing control head. 2,109,546; Mar. 1.
- McLagan, George E., assignor to Abegg & Reinhold Company, Los Angeles, Calif. Tubing blow-out preventer. 2,129,531; Sept. 6.
- McLain Fire Brick Company. (See Turner, William A. and E. J., assignors.)
- McLain, Fremont H., Wellsville, Ohio. Clotheshline hook. 2,116,729; May 10.
- McLain, Jay G., Steubenville, Ohio. Auxiliary cutter for lawn mowers. 2,140,943; Dec. 20.
- McLanahan & Stone Corporation. (See Pys, William A., assignor.)
- McLane, Charles N., Hyde Park, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Fan. 2,139,416; Dec. 6.
- McLane, John T., McKeesport, Pa., assignor to The Sun Rubber Company, Barboursville, Ohio. Composite article. 2,133,771; Oct. 18.
- McLarry, James P., Dayton, Wash. Harvester. 2,134,792; Nov. 1.
- McLaughlin, Edward A. (See Lundstrom, C. T., and McLaughlin.)
- McLaughlin, Frank, assignor, by mesne assignments, to Douglas Henderson, Toronto, Ontario, Canada. Closure for collapsible tubes and containers. 2,109,397; Feb. 22.
- McLaughlin, John J., Gloucester, Mass. Cap for fuel oil bottles. 2,136,593; Nov. 15.
- McLaughlin, John J., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Metalworking apparatus and method. 2,131,520; Oct. 25.



- McLaughlin, John J., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Nut threading machine. 2,134,619; Oct. 25.
- McLaughlin, Leo V., Vineland, N. J. Plumb bob. 2,113,993; Apr. 12.
- McLaughlin, Richard A. (See Warr, H. G., and McLaughlin.)
- McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Studding construction for prefabricated houses and buildings. 2,113,067; Apr. 5.
- McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Insulation. 2,113,068; Apr. 5.
- McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building construction. 2,118,218; May 24.
- McLaughlin, Thomas F., Boston, Mass. Game apparatus. 2,121,742; June 21.
- McLaughlin & Wallaenstein, et al. (See Gray, Clyde E., assignor.)
- McLaurin-Jones Co. (See Davis, Lewis, assignor.)
- McLay, Gavin S., Strand, assignor to Wellman Seaver Rolling Mill Company, Limited, London, England. Tubular article manufacture. 2,134,620; Oct. 25.
- McLean, Arthur F. (See Barnard, K. H., and McLean.)
- McLean, Charles, Berkeley, Calif. Egg dehydrator. 2,119,594; June 7.
- McLean, Harry C., and A. L. Weber, assignors to Endowment Foundation, New Brunswick, N. J. Removal of spray residue. 2,105,606; Jan. 18.
- McLean, Leland O., Pittsburgh, Pa., assignor to Lidgerwood Manufacturing Company, Elizabeth, N. J. Portable power shovel and the like. 2,126,404; Aug. 9.
- McLean, Philip S., et al. (See Barrington, J. W., and White.)
- McLean, Robert W., Bridgewater, assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Apparatus for liberating useful fibers. 2,120,108; June 7.
- McLean, William A., assignor to Geneva Processes, Inc., Geneva, N. Y. Mixing device for preparing mixtures such as mayonnaise and salad dressing. 2,125,455; Aug. 2.
- McLeer, Joseph F., Brooklyn, N. Y. Electrical drill or hammer. 2,122,888; July 5.
- McLeish, William S. (See Tucker, H. W., and McLeish.)
- McLellan, Alex C. (See Felger, R. G., McLellan, Griswold, and Dubry.)
- McLemore, Robert E., assignor to Lummus Cotton Gin Co., Columbus, Ga. Vacuum wheel. 2,104,881; Jan. 11.
- McLendon, Randall L., St. Simons Island, Ga. Bed. 2,107,205; Feb. 1.
- McLenehan, David W., Caldwell, N. J., assignor to General Electric Company. Air conditioning system. 2,112,038; Mar. 22.
- McLenehan, David W., Caldwell, N. J., assignor to General Electric Company. Air conditioning system. 2,112,039; Mar. 22.
- McLeod, George H., Auckland, New Zealand. Screw propeller. 2,104,306; Jan. 4.
- McLeod, James D. (See Hackh, I. W. D., and McLeod.)
- McLeod, Robert F., Glasgow, Scotland. Steering vessels. 2,116,276; May 3.
- McLeod, Thomas, Elizabeth, N. J. Marine steering gear motor. 2,108,498; Feb. 15.
- McLoughlin, James E., assignor to The A. C. Gilbert Company, New Haven, Conn. Constructional toy and elements thereof. 2,112,247; Mar. 29.
- McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Fan. 2,107,897; Feb. 8.
- McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Directing vane. 2,125,120; July 26.
- McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Ventilating apparatus. 2,141,923; Dec. 27.
- McMahon, Edward F., Clinton, Md. Spectacles. 2,108,074; Feb. 15.
- McMahon, Edward J., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,123,141; July 5.
- McMahon, John G., Philadelphia, Pa. Finishing tube ends. 2,124,743; July 26.
- McMahon, William F., Riverside, Calif. Venturi tube oil well pump. 2,114,905; Apr. 19.
- McMakin, Charles E., Tulsa, Okla. Coin injector for packages. 2,131,843; Oct. 4.
- McManis, Fred, Houston, Tex. Well packer. 2,133,462; Oct. 18.
- McManus, Charles E., Spring Lake, N. J. Processing metal. 2,105,426; Jan. 11.
- McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Composition cork and making same. 2,121,809; June 28.
- McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Cork composition and making same. 2,121,810; June 28.
- McMaster, Archie J., Highland Park, assignor to G-M Laboratories, Inc., Chicago, Ill. Relay system. 2,113,737; Apr. 12.
- McMaster, Archie J., Highland Park, assignor to G-M Laboratories, Inc., Chicago, Ill. Indicating and calculating system. 2,123,142; July 5.
- McMaster, Archie J., Highland Park, and W. Van Guilder, Oak Park, assignors to G-M Laboratories, Inc., Chicago, Ill. Galvanometer relay. 2,114,853; Apr. 19.
- McMaster, Archie J., Highland Park, and A. Christy, assignors to G-M Laboratories, Inc., Chicago, Ill. Testing of lubricants. 2,122,578; July 5.
- McMaster, Ruben, assignor to The Parsons Company, Newton, Iowa. Safety lift device for snow plows. 2,117,561; May 17.
- McMath, John F., Oakland, Calif. Dental instrument. 2,122,619; July 5.
- McMeans, Dewitt C., Lordsburg, N. Mex. Explosive. 2,109,049; Feb. 22.
- McMennamin, Harold G., Rumford, Maine. Dog's plaything. 2,131,229; Sept. 27.
- McMillan, Joe B., La Conner, Wash. Can lifter. 2,138,498; Nov. 29.
- McMillan Book Company. (See Hamlin, Guy E., assignor.)
- McMillan Book Company. (See Lenhart, Harold C., assignor.)
- McMillan Book Company. (See McClure, Arthur W., assignor.)
- McMillan, James O., Wichita, Kans. Regenerative turbine pump. 2,113,116; Apr. 5.
- McMillan, James O., Wichita, Kans. Automatic pumping mechanism. 2,117,563; May 17.
- McMillan, Vernon R., Terre Haute, Ind. Nose guard. 2,105,607; Jan. 18.
- McMillen, James W., Nashville, Tenn. Bracket attachment for automobiles. 2,116,443; May 3.
- McMillin, Louis J., Indianapolis, Ind. Semitrailer dumping apparatus. 2,126,796; Aug. 16.
- McMullen, Frederick E., and E. T. Slayton, assignors to Gleason Works, Rochester, N. Y. Cutter for cutting gears. 2,125,943; Aug. 9.
- McMullen, Joseph B., Washington, D. C. Cooking utensil. 2,139,598; Dec. 6.
- McMurray, Frederick R. (See Merrill, P. D., and McMurray.)
- McMurray, Harry G., Greenwood, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Toe stiffener. 2,125,798; Aug. 2.
- McMurry, William F., and G. F. Phillips, assignors to Scientific Engineering Corporation, Tulsa, Okla. Hydraulic control for drilling rigs. 2,109,297; Feb. 22.
- McMurtrie, Douglas H. (See Richter, G. A., and McMurtrie.)
- McMurtrie, R. H. (See Weiss, Franz, assignor.)
- McNabb, Maxwell. (See Knapp, P. V., Senior, McNabb, and Benemann.)
- McNairy, Jacob W. (See Tritle, J. F., and McNairy.)
- McNairy, Jacob W. (See Vouch, S. J., and McNairy.)
- McNairy, Jacob W., Erie, Pa., assignor to General Electric Company. Protective system. 2,117,196; May 10.
- McNairy, Jacob W., Erie, Pa., assignor to General Electric Company. Control system. 2,120,954; June 14.
- McNally, James G. (See Dickey, J. B., and McNally.)
- McNally, James G., and J. B. Dickey, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Azo compounds and process for dyeing therewith. 2,107,898; Feb. 8.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and process for dyeing therewith. 2,108,824; Feb. 22.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and process for coloring therewith. 2,115,030; Apr. 26.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and dyeing therewith. 2,121,811; June 28.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,130,358; Sept. 20.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds for process for dyeing therewith. 2,132,872; Oct. 11.
- McNally, James G., and J. B. Dickey, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Azo compounds and dyeing therewith. 2,140,536; Dec. 20.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,140,537; Dec. 20.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Coloration of organic derivatives of cellulose. 2,140,538; Dec. 20.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,140,539; Dec. 20.
- McNally, Malcolm R., assignor of one-half to W. B. Ramsay, Lumsden, Saskatchewan, Canada. Tractor wheel scraper. 2,108,291; Feb. 15.
- McNamara, Denis, New York, N. Y. Wall and ceiling partition tie. 2,105,327; Jan. 11.
- McNamara, Ignatius J., assignor to Slingerland Banjo & Drum Company, Chicago, Ill. Clamp device. 2,141,818; Dec. 27.
- McNamara, William L., assignor to Capstan Glass Company, Connelville, Pa. Heat control mechanism. 2,105,198; Jan. 11.



- McNamara, William L., assignor to Capstan Glass Company, Connelville, Pa. Method and apparatus for feeding glass. 2,125,079; July 26.
- McNamee, James, Ballston Spa, N. Y. Weft knit fabric. 2,124,508; July 19.
- McNamee, James, Ballston Spa, N. Y. Knitted fabric and making same. 2,141,999; Dec. 27.
- McNamee, Raymond W., South Charleston, and C. M. Blair, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. 2-hydroxymethyl-1,3-dioxolane. 2,140,938; Dec. 20.
- McNamee, Raymond W., South Charleston, and C. M. Blair, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of 2-p-dioxanone. 2,142,033; Dec. 27.
- McNary, Robert R. (See Midgley, T., Henne, and McNary.)
- McNaughton, Don A., Knoxville, Tenn. Key seating attachment for lathes. 2,123,788; July 12.
- McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Lubrication equipment and venting the same. 2,127,129; Aug. 16.
- McNeal, Donald L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Diaphragm valve. 2,121,549; June 21.
- McNeal, Donald L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,128,053; Aug. 23.
- McNeal, Edward K., Syracuse, N. Y. Window glass clearing device. 2,124,925; July 26.
- McNeal, Ellis D., assignor to Bendix Products Corporation, South Bend, Ind. Propeller. 2,124,791; July 26.
- McNealy, Eddins W. (See Knowles, E. C., and McNealy.)
- McNeely, James W., Monterey Park, Calif. Screening device. 2,119,595; June 7.
- McNeil, Charles I., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Indicating mechanism. 2,135,106; Nov. 1.
- McNeil, Charles I., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,139,599; Dec. 6.
- McNeil, Charles I., Bloomfield, and R. T. Zwack, assignors to Eclipse Aviation Corporation, East Orange, N. J. Measuring apparatus. 2,104,373; Jan. 4.
- McNeil, Daniel W., assignor to The John Douglas Company, Cincinnati, Ohio. Flush bowl. 2,116,527; May 10.
- McNeil, Daniel W., assignor to The John Douglas Company, Cincinnati, Ohio. Flush bowl structure. 2,116,528; May 10.
- McNeil, Daniel W., assignor to The John Douglas Company, Cincinnati, Ohio. Flush bowl structure. 2,116,529; May 10.
- McNeil, James W., Tampa, Fla. Adjustable double closure for containers. 2,104,806; Jan. 11.
- McNeil, William M. (See Ballard, B. T., McNeil, and Hurd.)
- McNeill, George K. (See Abbott, A. O., Jr., McNeill, Hazell, and Gibbons.)
- McNeillie, Charles, Midland, Pa. Article handling device. 2,133,557; Oct. 18.
- McNevin, Donald J. (See White, R. H., and McNevin.)
- McNicoll, Andrew G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Starting mechanism. 2,108,776; Feb. 15.
- McNicoll, Andrew G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Clock thermostat. 2,117,768; May 17.
- McNitt, Ogley J., Miami, Fla. Apparatus for manufacturing lime and cement and collecting carbon dioxide delivered therefrom. 2,112,502; Mar. 29.
- McNitt, Willard C., Winnetka, Ill. Tomato juice extractor. 2,109,398; Feb. 22.
- McNitt, Willard C., Winnetka, Ill. Nonaerating cooking and apparatus therefor. 2,112,784; Mar. 29.
- McNulty, George M. (See Adams, E. W., and McNulty.)
- McNulty, William A., Chicago, Ill. Snow plow. 2,108,134; Feb. 15.
- McNutt, Homer E., Rome, Ga., assignor to Tubize Chatillon Corporation. Bleaching artificial silk. 2,105,839; Jan. 18.
- McNutt, James F., Cleveland, assignor to The American Decal Corporation, Youngstown, Ohio. Applying a decalcomania. 2,111,897; Mar. 22.
- McNutt, Joseph D., assignor to Winchester Repeating Arms Company, New Haven, Conn. Priming mixture. 2,136,801; Nov. 15.
- McPeak, Dorsey G., Crivitz, Wis. Razor stropping mechanism. 2,120,378; Sept. 6.
- McPherson, Bruce, Greenville, S. C. Cigarette package. 2,117,342; May 17.
- McPherson, Charles J. T., Coshocton, Ohio. Oil burner. 2,128,155; Aug. 23.
- McPherson, Hal W. (See Pierson, C. M., and McPherson.)
- McQueen, Claude W. (See Brown, Charles L., assignor.)
- McQueen, Glenn J., Portland, Oreg., assignor to The Hardie Manufacturing Company, Hudson, Mich. Truck. 2,107,384; Feb. 8.
- McQueen, Simon T. (See Goldstein, R. F., McQueen, and Fairweather.)
- McQuinn, Carl, assignor to Williams Sealing Corporation, Decatur, Ill. Pouring spout and closure. 2,126,651; Aug. 9.
- McQuiston, Frederick B., Crafton, Pa., assignor to The O. Hommel Company. Decorating apparatus. 2,107,491; Feb. 8.
- McQuiston, Horace L., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Automatically and manually operable valve. 2,119,084; May 31.
- McRae, R. Clayton. (See Hill, Curtiss L., assignor.)
- McRae, Randolph J., New York, N. Y., assignor, by mesne assignments, to General Patents, Limited, Nassau, Bahamas. Producing large ions. 2,127,229; Aug. 16.
- McRae, Randolph J., Jersey City, N. J., assignor, by mesne assignments, to General Patents, Limited, Nassau, Bahamas. Production of ions. 2,132,539; Oct. 11.
- McRoberts, Samuel L., Pittsburgh, Pa. Safety barrier. 2,125,303; Aug. 2.
- McKorey, Roy L., Dallas, Tex. Automatic floor joist adjuster. 2,115,824; May 3.
- McShane, Edgar R., Baltimore, Md. Canning and cooking oatmeal. 2,127,782; Aug. 23.
- McSherry, Ignatius A., St. Paul, Minn. Lighter for gas stoves. 2,120,841; June 14.
- McVay, Willard S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Furnace and firing. 2,108,292; Feb. 15.
- McVeagh, Thomas C., Honolulu, Hawaii. Wheel securing device. 2,140,329; Dec. 13.
- McVey, Charles W., St. Ignatius, Mont. Safety single-tree. 2,128,835; Aug. 30.
- McVey, Reuben J. (See Holland, S. S., Traugbber, and McVey.)
- McVey, Reuben J., Sandusky, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironer shoe operating mechanism. 2,119,283; May 31.
- McVoy, Vincen P., Mobile, Ala. Metal shingle and roof. 2,128,836; Aug. 30.
- McWade, Robert, Jr., Westwood Village, and L. Lyndon, Los Angeles, Calif., assignors to Bendix Products Corporation, South Bend, Ind. Transmission means. 2,140,758; Dec. 20.
- McWane Cast Iron Pipe Co. (See Floyd, Henry G., assignor.)
- McWane Cast Iron Pipe Co. (See Floyd, H. G., and Roueche, assignors.)
- McWane Cast Iron Pipe Co. (See Hafen, Frederick T., assignor.)
- McWane, Henry E., Lynchburg, Va. Mold construction. 2,118,764; May 24.
- McWane, Henry E., Lynchburg, Va. Mold. 2,134,829; Nov. 1.
- McWeeny, John L., Chicago, Ill. Radio apparatus. 2,109,674; Mar. 1.
- McWeeny, John L., assignor to Todd-McWeeny Corporation, Chicago, Ill. Indicia projection for radios. 2,112,111; Mar. 22.
- McWeeny, John L., assignor to Belmont Radio Corporation, Chicago, Ill. Indicating and control apparatus. 2,117,441; May 17.
- McWeeny, John L., assignor to Belmont Radio Corporation, Chicago, Ill. Indicating and control apparatus. 2,117,442; May 17.
- McWhirter, John S., Southport, Conn. Vehicle motor drive employing herring bone gears. 2,125,456; Aug. 2.
- McWilliams, Charles W. (See Barber, C. C., and McWilliams.)
- McWilliams, James B., assignor to Railway Maintenance Corporation, Pittsburgh, Pa. Apparatus for handling ballast. 2,132,176; Oct. 4.
- Meacham, Benjamin E., Lorain, Ohio, assignor to American Stove Company, St. Louis, Mo. Cook. 2,117,197; May 10.
- Meacham, Benjamin E. and E. M., Lorain, Ohio, assignors to American Stove Company, St. Louis, Mo. Lighter arrangement for gas ranges. 2,109,399; Feb. 22.
- Meacham, Edward M. (See Meacham, Benjamin E. and E. M.)
- Meacham, Edward M., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Remote control for heat regulators. 2,112,503; Mar. 29.
- Mead, Albert A., Blackheath, London, and L. James, Penge, London, assignors to Mead-McLean & Company, Limited, London, England. Ventilator. 2,144,442; Dec. 27.
- Mead Corporation, The. (See Ruff, Harold T., assignor.)
- Mead, David R. (See Kirch, T. E., and Mead.)
- Mead, Edward D., Caldwell, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing mechanism. 2,112,375; Mar. 29.
- Mead, Fred J., et al. (See Schulz, Joseph, assignor.)
- Mead, Howard C. (See Michel, C. A., and Mead.)
- Mead, Howard C. (See Michel, C. A., Mead, and Winkelmeyer.)
- Mead, Howard C. (See Winkelmeyer, R., and Mead.)
- Mead, Howard C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Fender lamp. 2,111,599; Mar. 22.
- Mead Johnson & Company. (See Tompkins, Charles A., assignor.)
- Mead Johnson & Company. (See Windblat, Joseph C., assignor.)
- Mead, Margaret M., et al. (See Schulz, Joseph, assignor.)
- Mead-McLean & Company. (See Mead, A. A., and James, assignors.)



- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,116,035; May 3.
- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,121,975; June 28.
- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,123,822; July 12.
- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,125,681; Aug. 2.
- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical casting machine. 2,128,426; Aug. 30.
- Meade, Alexis E., Lakewood, Ohio, assignor, by mesne assignments, to International Container Coatings Corporation. Layered structure and making the same. 2,118,565; May 24.
- Meade, Harold W., Covington, Ind. Carburetor. 2,118,516; May 24.
- Meade, John R., Milwaukee, Wis. Line clamp. 2,113,852; Apr. 12.
- Meador, Ralph I., Tampa, Fla. Attachment for fastening license plates and the like. 2,111,796; Mar. 22.
- Meadows, Claude C., Tulsa, Okla., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake head. 2,112,467; Mar. 29.
- Meadows, Paul M., Haworth, N. J. Stereopticon slide. 2,120,673; June 14.
- Meagher, Andrew C., Los Angeles, Calif. Proportioning valve. 2,106,572; Jan. 25.
- Meagher, Edward J. (See Brescka, R. S., and Meagher.)
- Meahl, Harry R., Scotia, N. Y., assignor to General Electric Company. Oscillator. 2,128,837; Aug. 30.
- Meaker Company, The. (See Miller, Constantine G., assignor.)
- Meakin, Edgar T., Berkeley, Calif. Pellet mill. 2,124,744; July 26.
- Mealey, David W., Foster, Oreg. Device for suspending strips from ceilings and the like. 2,123,589; July 12.
- Meanley, Gerald B., Miramar, Calif. Measuring device. 2,134,725; Nov. 1.
- Means, Irvin L., assignor of one-half to A. Gerlich, Waukegan, Ill. Electric plug. 2,126,494; Aug. 9.
- Means, John Z., L. R. Conklin, and J. H. Conway, Rockford, assignors to The Eddy Paper Corporation, Chicago, Ill. Chick box. 2,138,112; Nov. 29.
- Means, Winthrop J., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum switch. 2,128,427; Aug. 30.
- Mearkle, Harland O., Sharon Hill, assignor to Philadelphia Screen Mfg. Company, Philadelphia, Pa. Folding chair. 2,120,183; June 7.
- Measuregraph Company, The. (See Aeschbach, Walter E., assignor.)
- Mechanical Development Co. (See Sabins, Rolland C., assignor.)
- Mechanical Handling Systems, Inc. (See Bishop, Leonard J., assignor.)
- Mechanical Handling Systems, Inc. (See Francis, Lynn M., assignor.)
- Mechanical Holding Corporation. (See Stevenson, Robert, assignor.)
- Mechanical Holding Corporation. (See Wilson, Francis J., assignor.)
- Mechanical Laboratories, Inc. (See Hoppenstand, David, assignor.)
- Mechanical Parking Patents, Inc. (See Morton, James E., assignor.)
- Meck, John M., New York, N. Y. Window construction. 2,104,389; Jan. 4.
- Meckler, Samuel, St. Paul, Minn. Egg yolk and white separator. 2,117,899; May 17.
- Meckstroth, Louis W., Chicago, Ill. Intra-uterine device. 2,122,579; July 5.
- Medellin, T. Jose, San Luis Potosi, Mexico. Device for the sharpening of razor blades. 2,121,438; June 21.
- Meder, Georg, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Titanium pigments. 2,138,384; Nov. 29.
- Medley, C. R., et al. (See King, J. L., and Whitten, assignors.)
- Mednick, Leo, Philadelphia, Pa. Furniture slip cover. 2,129,225; Sept. 6.
- Mednick, Morry, Brooklyn, N. Y., and M. Eula, South Norwalk, Conn. Apparatus for making boxes and box covers. 2,132,859; Oct. 11.
- Medsker, Charles A., Cleveland Heights, assignor to the Ferrolene Oxygen Co. of Ohio, Cleveland, Ohio. Apparatus for the production of combustible gas. 2,127,880; Aug. 23.
- Medweth, Hans. (See Bauer, K., Pressel, and Medweth.)
- Meech, James H., assignor to Hudson Motor Car Company, Detroit, Mich. Transmission. 2,118,853; May 31.
- Meeder, Herbert L., Denver, Colo. Engine starter. 2,141,217; Dec. 27.
- Meeh, Robert F., St. Louis, Mo. Shovel. 2,141,007; Dec. 20.
- Meehan, James F., Jr. (See Sheldon, W. R., and Meehan.)
- Meehan, James J., Jr. (See Sheldon, W. R., and Meehan.)
- Meehan, Leroy W. (See Yaw, Carl F., assignor.)
- Meek, Clement, assignor to John Holroyd & Company Limited, Milnrow, England. Machine for casting hollow bodies. 2,118,097; May 24.
- Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,116,764; May 10.
- Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,128,008; Aug. 23.
- Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Coffee mill. 2,141,310; Dec. 27.
- Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,141,311; Dec. 27.
- Meeker, Lillian P., executrix. (See Meeker, Sidney.)
- Meeker, Sidney, deceased, by L. P. Meeker, executrix, Memphis, Tenn. Tenaculum. 2,108,206; Feb. 15.
- Meeks, Anson J. and L. W., Hillsdale, Mich. Canopy for brooder stoves. 2,104,662; Jan. 4.
- Meeks, Louie W. (See Meeks, Anson J. and L. W.)
- Meeks, William A., Glendale, N. Y. Fluid pressure brake. 2,141,358; Dec. 27.
- Meerbeck, Gottfried, assignor to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Sealing insertion. 2,116,277; May 3.
- Meerbeck, Gottfried, assignor to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Jointing of tubes of thermoplastic material. 2,118,893; May 31.
- Meersteiner, Johann, assignor to the firm Bechert & Co., Drahtstifte-Schrauben- und Stahlindustrie-Aktiengesellschaft, Saaz, Czechoslovakia. Screw locking. 2,109,778; Mar. 1.
- Mees, Charles E. K., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion containing supersensitized thiazolocarboxyanines. 2,127,340; Aug. 16.
- Mees, Eberhard F., Milwaukee, Wis. Insulating composition. 2,106,617; Jan. 25.
- Mees, Frank S., Lynn, Mass. Insole. 2,104,133; Jan. 4.
- Mefina S. A. (See Henry, Pierre, assignor.)
- Megdall, Sanford B. (See Horwitz, H., and Megdall.)
- Megee, John, St. Joseph, Mich. Flooring. 2,117,198; May 10.
- Megow, George E., South Milwaukee, assignor to Allen-Bradley Company, Milwaukee, Wis. Electrical resistor. 2,111,220; Mar. 15.
- Mehaffey, Robert J., Minneapolis, Minn. Casting bobber. 2,106,618; Jan. 25.
- Mehaffey, William T., Brooklyn, N. Y. Bottle cap and time indicating means for medicinal receptacles. 2,111,637; Mar. 22.
- Mehan, Thomas O., Norwood, Ohio, assignor to Remington Rand Inc., New York, N. Y. Computing and listing machine. 2,114,604; Apr. 19.
- Meharg, Jim B., Kennett, Mo. Hairpin. 2,122,106; June 28.
- Mehlenbacher, Virgil C., assignor to Industrial Patents Corporation, Chicago, Ill. Stabilization of oil. 2,108,922; Feb. 22.
- Mehlhouse, Harvey G., Naperville, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding method. 2,127,648; Aug. 23.
- Meinenreis, Walther, Berlin-Friedenau, Germany. Oar. 2,125,029; July 26.
- Meier, Albert J., Glendale, Mo. Container. 2,125,354; Aug. 2.
- Meier, Joshua, New Rochelle, N. Y. Box structure. 2,130,019; Sept. 13.
- Meier, Richard F., Philadelphia, Pa. Topping bar. 2,119,236; May 31.
- Meier, Wilber L., North Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America. Electron discharge device and circuit. 2,130,191; Sept. 13.
- Meier, William, assignor to The Midland Steel Products Company, Cleveland, Ohio. Press. 2,141,657; Dec. 27.
- Meigs, Frederick M. (See Charch, W. H., Brubaker, and Meigs.)
- Meigs, Frederick M., assignor, by mesne assignments, to E. I. du Pont de Nemours & Co., Wilmington, Del. Coated films and making the same. 2,122,433; July 5.
- Meijer, Nicolaas E. G., Schenectady, N. Y., assignor to General Electric Company. Controllable pitch propeller and the like. 2,118,652; May 24.
- Meijer, Nicolaas E. G., Schenectady, N. Y., assignor to General Electric Company. Controllable pitch propeller. 2,118,653; May 24.
- Meijer, Nicolaas E. G., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,118,654; May 24.
- Meikle, George S., West Lafayette, Ind. Apparatus for producing combustion. Re. 20,939; Dec. 6.
- Meiklejohn, Roy M. (See Hoddeson, S. I., and Meiklejohn.)
- Meilink, Charles F., Toledo, Ohio. Cash drawer. 2,118,382; May 24.
- Meinert, Joseph, West Orange, N. J., assignor to Eagle Pencil Company, Pencil. 2,134,570; Oct. 25.
- Meine, Rudolph, Hinsdale, Ill. Holster clamp. 2,138,978; Dec. 6.
- Meineke, August. (See Kühn, Wilhelm, assignor.)
- Meinel, Karl, Dormagen-I. G. Werk, near Cologne, Germany, assignor to Hercules Powder Company, Wilmington, Del. Aralkyl ethers of high molecular carbohydrates. 2,141,721; Dec. 27.



- Meinema, Herbert E. (See Crossley, A., and Meinema.)  
 Meinema, Herbert E. (See Neighbors, C. C., and Meinema.)  
 Meiners, Frank X. (See Daly, L., and Meiners.)  
 Meinholdt, Charles L., et al. (See Morris, James H., assignor.)  
 Meinholdt, Charles L., assignor of one-fourth to F. P. Martin and one-fourth to C. H. Martin, Topeka, Kans. Mower. 2,105,125; Jan. 11.  
 Meininger, Carl W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Dump truck body. 2,140,590; Dec. 20.  
 Meininghaus, Ulrich, Muelheim-Ruhr, Germany. Disk construction for radial flow machines. 2,115,031; Apr. 26.  
 Meininghaus, Ulrich, Mulheim-Ruhr, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Apparatus for charging constant volume explosion chambers. 2,121,812; June 28.  
 Meinke, Arthur E., Minneapolis, Minn. Locking differential. 2,121,254; June 21.  
 Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Securing plate on printing press cylinders. 2,109,152; Feb. 22.  
 Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Printing press. 2,132,827; Oct. 11.  
 Meisel, Michael M., Baltimore, Md. Piston ring. 2,140,710; Dec. 20.  
 Meisel Press Manufacturing Company. (See Meisel, Charles A., assignor.)  
 Meisel, Robert M., Detroit, Mich. Display sign. 2,133,824; Oct. 18.  
 Meisse, Louis A., assignor to The Ohio Brass Company, Mansfield, Ohio. Insulated conductor support. 2,110,607; Mar. 8.  
 Meisse, Louis A., assignor to The Ohio Brass Company, Mansfield, Ohio. Impregnation of materials. 2,135,349; Nov. 1.  
 Meisse, Louis A., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector. 2,141,154; Dec. 20.  
 Meissner, Frances L., Brooklyn, N. Y. Cream removing device. 2,137,620; Nov. 22.  
 Meissner, Josef, Burbach kreis Siegen, Germany. Nitration of aromatic hydrocarbons. 2,135,012; Nov. 1.  
 Meissner, Otto F., New York, N. Y. Monogram, ornament, and the like. 2,123,704; July 12.  
 Meister, George. (See Marden, J. W., and Meister.)  
 Meister, Karl, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Jaw breaker. 2,123,017; July 5.  
 Meister, Karl, Magdeburg-Sudenburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Crusher. 2,130,673; Sept. 20.  
 Meister, Walter F., Elizabeth, assignor to United Color and Pigment Company, Inc., Newark, N. J. Pigments of improved wetting, dispersing, and nonsettling characteristics and the process of manufacturing same. 2,113,539; Apr. 5.  
 Meister, Walter F., Elizabeth, N. J., assignor, by mesne assignments, to Interchemical Corporation. Making cadmium red. 2,134,055; Oct. 25.  
 Meiwald, Franz, Vienna, Austria, assignor to Sinfra A. G. St. Gallen, Switzerland. Yarn knitting machine. 2,111,984; Mar. 22.  
 Mejean, Jacques G., Chatou, assignor to Société Bronzavia, Courbevoie (Seine) France. Apparatus for use in connection with bottles containing a gaseous fluid under pressure. 2,124,493; July 19.  
 Mejer, Walther. (See Kiesskalt, S., and Mejer.)  
 Mekeburg, Harold L., assignor to Cutler Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,128,373; Aug. 30.  
 Meklenburg, Karl W., assignor to Whitin Machine Works, Whitinsville, Mass. Spindle oiling device. 2,132,745; Oct. 11.  
 Mekler, Lev A., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Heating fluids. 2,107,492; Feb. 8.  
 Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,108,686; Feb. 15.  
 Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,108,687; Feb. 15.  
 Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Furnace. 2,108,688; Feb. 15.  
 Melamid, Michael, Zehlendorf, near Berlin, Germany. Converting carbonaceous and hydrocarbonaceous products into products of a low boiling point. 2,110,887; Mar. 15.  
 Melchior, Paul, Berlin-Halensee, Germany, assignor to General Electric Company. Magnetic tester. 2,137,177; Nov. 15.  
 Meldman, Edward C., Milwaukee, Wis. Impression tray. 2,136,821; Nov. 15.  
 Melo, Christ P., Natick, Mass. Garment. 2,127,360; Aug. 10.  
 Melman, Albert, Detroit, and M. Sheras, Manistee, assignors to Tax-Auditor Systems, Inc., Detroit, Mich. Sales tax check machine. 2,105,948; Jan. 18.  
 Melrose, Alfred E., St. Albans, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro magnetic device. 2,120,985; June 21.  
 Melhuish, Maurice. (See Bate, J., and Melhuish.)  
 Melicharek, John, Houston, Tex. Coil selector. 2,141,613; Dec. 27.  
 Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector electromagnet. 2,116,580; May 10.  
 Melin, William, Detroit, Mich. Fixture for milling machines. 2,104,267; Jan. 4.  
 Melind, Henry J., Chicago, Ill. Stamp. 2,123,952; July 19.  
 Mello, James, Chicago, Ill. Illuminated street sign. 2,131,917; Oct. 4.  
 Mellebrand, Ferdinand, Detroit, Mich. Window latch. 2,104,134; Jan. 4.  
 Mellen, George, Diamond Head, assignor to H. C. Hiltz, Honolulu, Hawaii. Dispensing device. 2,107,615; Feb. 8.  
 Mellen, George, Diamond Head, and L. A. Hicks, Honolulu, Hawaii. Signal device. 2,106,643; Jan. 25.  
 Meller, Louis J., and K. H. Miner, Huntington Park, Calif.; said Miner assignor to said Meller. Protecting three-phase apparatus. 2,122,107; June 28.  
 Mellin, Oscar A. (See Baker, R. C., and Mellin.)  
 Mellon, James J., assignor to The Clark Controller Company, Cleveland, Ohio. Induction motor driving and braking system. 2,118,219; May 24.  
 Melton, Guilford B. (See Wood, Z. V., and Melton.)  
 Melton, Romie L. (See Benner, R. C., and Melton.)  
 Melton, Romie L., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Testing and classifying bonded granular bodies. 2,107,186; Feb. 1.  
 Melton, Romie L., R. C. Benner, and H. P. Kirchner, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Method and apparatus for making granular coated webs. 2,141,658; Dec. 27.  
 Meluzin, Julius, Washington, D. C. Lathe hand gauge. 2,125,682; Aug. 2.  
 Melvin, Oscar L., Columbus, Ohio. Combined plumb and level. 2,118,470; May 24.  
 Memminger, Karl. (See Hahn, H., and Memminger.)  
 Memminger, Karl, assignor to Fahlberg-List Aktiengesellschaft Chemische Fabriken, Magdeburg-Sudost, Germany. Improving vermin exterminating compositions and the resulting compositions. 2,124,494; July 19.  
 Mena, Dan, Oakland, Calif. Observation tower. 2,128,492; Aug. 30.  
 Menaker, Arnold J., Chicago, Ill., assignor, by mesne assignments, to Atlantic Research Associates, Inc. Preparing a casein paint. 2,132,243; Oct. 4.  
 Menapace, Joseph C., and G. Kalfelz, Syracuse, N. Y. Dough divider. 2,104,205; Jan. 4.  
 Menaul, Paul L., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Acidizing wells. 2,122,483; July 5.  
 Mendel, Herman, Albany, N. Y. Frame and rack for floral display. 2,119,237; May 31.  
 Mendelhall, Lloyd E. (See Wallace, D. A., and Mendelhall.)  
 Mendell, Gall, Lakeview, Oreg. Driver's seat for farm machinery. 2,131,063; Oct. 4.  
 Mendelsohn, Louis H. (See Rinehart, A., and Mendelsohn.)  
 Mendelsohn, Louis H., Paterson, N. J. Making stockings. 2,107,078; Feb. 1.  
 Mendelsohn, Louis H., Paterson, N. J. Stocking. 2,108,923; Feb. 22.  
 Mendelson, Charles, New Rochelle, N. Y. Pressing machine. 2,141,249; Dec. 27.  
 Mendenhall, Earl. (See Johnson, C. E., and Mendenhall.)  
 Mendenhall, Hallam E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,105,924; Jan. 18.  
 Mendive, Anthony J., Houston, Tex. Clamp and scaffold for welding operations. 2,104,622; Jan. 4.  
 Mendl, Viktor, Prague, Czechoslovakia. Pressure-operated diffuser of toilet liquids. 2,119,613; June 7.  
 Mendoza, Rafael, Mexico, D. F., Mexico. Projection screen. 2,113,703; Apr. 12.  
 Mendoza, Mordecai, and F. L. Rose, Manchester, England, assignors to Imperial Chemical Industries Limited. Azo dyestuffs and their production. 2,112,919; Apr. 5.  
 Mendoza, Mordecai, and F. L. Rose, Manchester, England, assignors to Imperial Chemical Industries Limited. Azo dyestuffs and their production. 2,112,920; Apr. 5.  
 Menefee, Harry R. (See Holst, L. J. R., Mayer, and Menefee.)  
 Meng, Adolph P. (See Hamrock, F. J., Shansson, and Meng.)  
 Mengdehl, Helmut. (See Baehr, H., Mengdehl, and Wenzel.)  
 Menge, Clarence H., Detroit, Mich., assignor to The Murray Corporation of America. Frame and seat. 2,106,444; Jan. 25.  
 Menge, Clarence H., Detroit, Mich., assignor to The Murray Corporation of America. Seat construction. 2,116,102; May 3.  
 Menger, Francis B. (See La Pierre, C. W., and Menger.)  
 Menges, William L. R. (See Freund, H. L., and Menges.)  
 Menher, Mario T. (See Rohde, C. J., and Menher.)  
 Menihan, William J. (See Lewis, F. Z., and Menihan.)  
 Menke, Rudolph W., Johnst., Ill. Warm air furnace. 2,135,144; Nov. 23.  
 Menkel, Henry D. (See O'Brien, F. F., and Menkel.)



- Menna, Antonio, Newark, assignor to Lovell-Dressel Company, Inc., Arlington, N. J. Lamp burner. 2,132,119; Oct. 4.
- Mennesson, André L., assignor to Société Anonyme Solex, Neuilly-sur-Seine, (Seine) France. Diaphragm pump. 2,133,207; Oct. 11.
- Mennesson, Marcel, assignor to Société Anonyme Solex, Neuilly-sur-Seine, France. Carburetor. 2,121,506; June 21.
- Mennesson, Marcel L., assignor to "Société Anonyme Solex", Neuilly-sur-Seine, France. Regulating device for internal combustion engines. 2,139,841; Dec. 13.
- Menschner, Johannes, Rosswein, Germany. Process and apparatus for measuring running webs. 2,115,737; May 3.
- Menschner, Johannes, Rosswein, Germany. Measuring of running webs. 2,115,822; May 3.
- Mensendieck, Elizabeth M., and O. Utne, New York, N. Y. Seat. 2,139,028; Dec. 6.
- Mensing, Carl E., Somerville, N. J., assignor to Calco Chemical Company, New York, N. Y. Process and apparatus for gas and liquid contact. 2,120,256; June 14.
- Mentele, Hubert A., Canova, S. Dak. Fuel injection pump. 2,107,079; Feb. 1.
- Mentges, John, Sidney, Ohio. Paper folding machine. 2,136,977; Nov. 15.
- Mentmore Manufacturing Co. (See Johnson, William F., assignor.)
- Menton, Ernest L., Deer River, Minn. Crutch. 2,116,730; May 10.
- Mentzer, Charles T., Jr. (See Gillson, J. L., and Mentzer.)
- Menzel, Carl A., Homewood, Ill. Mold. 2,121,439; June 21.
- Meohas, Isaac, Los Angeles, Calif. Cigarette holder. 2,116,706; May 10.
- Mephisto Quartz Mill Co. (See Minnick, Frederick L., assignor.)
- Mercedes Büromaschinen-Werke Aktiengesellschaft. (See Anschütz Robert assignor.)
- Mercedes Büromaschinen-Werke Aktiengesellschaft. (See Kämmler, Hugo E., assignor.)
- Mercedes Büro-Maschinen-Werke Aktiengesellschaft. (See Schlüns, Carl, assignor.)
- Mercer, Hugh V. (See Peterson, Alfred T., assignor.)
- Mercer, Raymond C., Los Angeles, Calif. Film patch. 2,118,854; May 31.
- Mercer, Richard, Kenton, England, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic or semiautomatic telephone system. 2,106,897; Feb. 1.
- Mercer, Samuel R. (See Gednetz, John R., assignor.)
- Mercereau, Elie A., Port Hammond, British Columbia, Canada. Typewriter eraser. 2,130,963; Sept. 20.
- Merch & Co. Inc. (See Major, Randolph T., assignor.)
- Merchant & Evans Company. (See Evans, Powell, assignor.)
- Merchant, Milton H., Woodbridge, assignor to The American Agricultural Chemical Company, Newark, N. J. Vaporizing and oxidizing phosphorus. 2,132,360; Oct. 4.
- Merchants and Manufacturers Inc. (See Colley, George F., assignor.)
- Merchantville Hosiery Company. (See Roesener, Harry W., assignor.)
- Merchen, Glen G., Spokane, Wash. Hopper and agitator. 2,121,486; June 21.
- Mercier, Jean. (See Dupuy, P., and Mercier.)
- Mercier, Jean, Neuilly-sur-Seine, France. Cushioning device. Re. 20,887; Oct. 18.
- Mercier, Jean, Neuilly-sur-Seine, France. Vacuum distillation of hydrogen peroxide. 2,124,257; July 19.
- Mercier, Pierre E., Paris, France. Airplane wing structure. 2,138,352; Nov. 29.
- Mercier, Stanley M., Columbus, Ohio, and H. L. Myer, Mason City, Wash., assignors to The Jeffrey Manufacturing Company. Tunneling system. 2,116,905; May 10.
- Merck & Co. (See Addinall, C. R., and Major, assignors.)
- Merck & Co. (See Dalmer, O., and von Werder, assignors.)
- Merck & Co. (See Major, R. T., and Boese, assignors.)
- Merck & Co. (See Major, R. T., and Bonnett, assignors.)
- Merck & Co. (See Wolfes, O., and Hromatka, assignors.)
- Merck & Co. Inc. (See Burnham, Stanley W., assignor.)
- Merck & Co. Inc. (See Engels, W. H., and Stein, assignors.)
- Merck & Co. Inc. (See Kuessner, Willy H., assignor.)
- Merck & Co. Inc. (See Wallis, E. S., and Yarnall, assignors.)
- Merck & Co. Inc. (See Weijlard, John, assignor.)
- Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
- Mercur, Nathan L., McKeesport, Pa. Thermostatic pump. 2,114,567; Apr. 19.
- Mercury Manufacturing Company, The. (See Schroeder, William, assignor.)
- Meredith, George W., Cincinnati, Ohio. Internal combustion engine. 2,110,888; Mar. 15.
- Meredith, William W., Anderson, S. C. Flat grinding mechanism for carding machines. 2,112,676; Mar. 29.
- Merene Johnson Machine Company. (See Westlund, Oscar E., assignor.)
- Merenda, Paul V. J., Fontenay-aux-Roses, France, assignor to The Turner Tanning Machinery Company, Portland, Maine. Press. 2,118,098; May 24.
- Mergendoller, John, et al. (See Lambert, Thomas H., assignor.)
- Mergenthaler Linotype Company. (See Albrecht, Christian A., assignor.)
- Mergenthaler Linotype Company. (See Castle, Thomas R., assignor.)
- Mergenthaler Linotype Company. (See Davidson, B. F., and Morse, assignors.)
- Mergenthaler Linotype Company. (See Frolander, Frank C., assignor.)
- Mergenthaler Linotype Company. (See Hilpman, John H., assignor.)
- Mergenthaler Linotype Company. (See Hilpman, Paul, assignor.)
- Mergenthaler Linotype Company. (See Kingsbury, George P., assignor.)
- Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)
- Mergenthaler Linotype Company. (See Petersen, William L., assignor.)
- Mergenthaler Linotype Company. (See Stouges, Anthony J., assignors.)
- Mergenthaler Linotype Company. (See Thatcher, Thomas J., assignor.)
- Mergentheim, Rose H., Winnetka, Ill. Container top. 2,105,547; Jan. 18.
- Mergott, J. E., Company, The. (See Hering, William C., assignor.)
- Merivaara, Juhö, Helsingfors, Finland. Automatic screw arrangement for revolving chairs and the like. 2,137,178; Nov. 15.
- Merk, George S., Flushing, N. Y., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Bag frame structure. 2,121,528; June 21.
- Merkel, Erich. (See Wiegand, C., Merkel, and Tietze.)
- Merkel, Erich, Wuppertal-Barmen, and C. Wiegand, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Light filter. 2,104,492; Jan. 4.
- Merkel, Henry J., Bellwood, Ill. Evergreen grave cover. 2,113,922; Apr. 12.
- Merkel, John, Jr., Evansville, Ind. Motor driven rotary tooth brush. 2,124,145; July 19.
- Merkel, Joseph F. (See Howe, W. K., and Merkel.)
- Merker, Harvey M. (See Taylor, F. O., and Merker.)
- Merker, Harvey M., assignor to Parke, Davis & Company, Detroit, Mich. Obtaining a vitamin preparation. 2,136,453; Nov. 15.
- Merker, Herman. (See Newton, H. L., and Merker.)
- Merkin, Rose, Newton, Mass. Beauty appliance. 2,134,640; Oct. 25.
- Merkle, William S., St. Louis, Mo. Winding coils. 2,140,137; Dec. 13.
- Merla Tool Company. (See Crickmer, Charles S., assignor.)
- Merla Tool Company. (See Crickmer, C. S., and Lamb, assignors.)
- Merle, Joseph M., Tarentum, Pa. Making metal products. 2,129,702; Sept. 13.
- Merle, Joseph M., Tarentum, Pa. Apparatus for producing metal products. 2,129,703; Sept. 13.
- Merlub-Sobel, Menahem, Cleveland, Ohio, assignor to The Beryllium Corporation, New York, N. Y. Producing beryllium alloys. 2,135,983; Nov. 8.
- Mermer, Irving L., Yonkers, N. Y. Indicating closure for bottles. 2,104,236; Jan. 4.
- Merolle, Augustus L., assignor to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle closure and producing the same. 2,120,646; June 14.
- Merolle, Augustus L., assignor to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle closure. 2,137,695; Nov. 22.
- Merrell, Leonard C., Stamford, Conn. Key fastener. 2,109,846; Mar. 1.
- Merrett, Earle E., Detroit, Mich. Child's toilet seat. 2,113,704; Apr. 12.
- Merrett, Earle E., Ludington, Mich. Child's toilet seat guard. 2,113,705; Apr. 12.
- Merriam, Charles J. (See Hirschl, M. A., and Merriam.)
- Merriam, Edmund S., Marietta, Ohio. Preformed abrasive article and making same. Re. 20,868; Sept. 27.
- Merriam, Edmund S., Marietta, Ohio. Making preformed abrasive articles. 2,117,970; May 17.
- Merriam, Edmund S., Marietta, Ohio. Producing abrasive articles. 2,141,155; Dec. 20.
- Merriam, Francis E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna system. 2,105,925; Jan. 18.
- Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Purification and concentration of sulphur dioxide obtained from acid sludge. 2,111,389; Mar. 15.
- Merriam, Henry F., West Orange, N. J., and G. W. Cupit, Jr., Long Island City, assignors to General Chemical Company, New York, N. Y. Making a sulphur bearing oil. 2,115,426; Apr. 26.
- Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of carbon bisulphide. 2,141,757; Dec. 27.
- Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of carbon bisulphide. 2,141,758; Dec. 27.



- Merrick, Albert W., Schenectady, assignor to Austenal Laboratories, Inc., New York, N. Y. Founding apparatus and method. 2,125,080; July 26.
- Merridale Trust Limited. (See Varley, Ernest V., assignor.)
- Merrill Company, The. (See Mills, L. D., and Crowe, assignors.)
- Merrill Company, The. (See Mills, L. D., Crowe, and Haun, assignors.)
- Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Continuous filtration of wax bearing oils. 2,119,749; June 7.
- Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of oil. 2,121,325; June 21.
- Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Drift controlling apparatus for glassware annealing lehrs. 2,106,678; Jan. 25.
- Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for annealing glassware. 2,133,783; Oct. 18.
- Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for annealing glassware. 2,133,784; Oct. 18.
- Merrill, Everett, North Arlington, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Hole spotter. 2,114,132; Apr. 12.
- Merrill, Frank H., Los Angeles, Calif. Applicator for hair and scalp tonics or the like. 2,139,904; Dec. 13.
- Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Speed regulation. 2,112,741; Mar. 29.
- Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Inductor dynamo electric machine. 2,120,109; June 7.
- Merrill, Harry L., Nashua, N. H., assignor to Harder Refrigerator Corporation, Cobleskill, N. Y. Refrigerator. 2,117,564; May 17.
- Merrill, Harry L., Nashua, N. H., assignor to Harder Refrigerator Corporation, Cobleskill, N. Y. Refrigerator. 2,121,640; June 21.
- Merrill, James A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Golf ball cover. 2,120,567; June 14.
- Merrill, Marcellus S., Denver, Colo. Ski binding. 2,140,757; Dec. 20.
- Merrill, Patterson D., assignor to M. B. Skinner Co., South Bend, Ind. Pipe joint sealing device. 2,115,670; Apr. 26.
- Merrill, Patterson D., and E. R. McMurray, assignors to M. B. Skinner Company, South Bend, Ind. Pipe joint seal ring. 2,140,939; Dec. 20.
- Merrill, Richard C., Caye Junction, Oreg. Precious metals alloying apparatus. 2,119,238; May 31.
- Merrill, Warren C., assignor to I. S. Baltimore, Los Angeles, Calif. Apparatus for converting dry ice into carbon dioxide gas. 2,120,057; June 7.
- Merrill, Wilbur L., Scotia, N. Y., assignor to General Electric Company. Washing apparatus. 2,106,619; Jan. 25.
- Merriman, Sara E., Kansas City, Mo. Playhouse. 2,114,886; Apr. 19.
- Merritt, Charles H., III. (See Beard, T. H., Renholdt, and Merritt.)
- Merritt, Frank R., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Flexible sole. 2,135,725; Nov. 8.
- Merritt, Frank R., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for increasing the flexibility of soles. 2,139,765; Dec. 13.
- Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Portable work support. 2,105,608; Jan. 18.
- Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Tanning of hides and skins. 2,110,961; Mar. 15.
- Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Tanning of hides and skins. 2,117,343; May 17.
- Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Decorating sheet material. 2,125,457; Aug. 2.
- Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Tanning of hides and skins. 2,125,944; Aug. 9.
- Merritt, Robert J., Los Angeles, Calif. Device for use on cooking ranges. 2,125,514; Aug. 2.
- Merritt, Vernon, Montgomery, Ala. Relief valve for preventing the bursting of liquid containers. 2,107,870; Feb. 8.
- Merritt, William F., Livingston, N. J. Detachable lining for brake shoes. 2,128,467; Aug. 30.
- Morrow, John G. (See O'Brien, Parker J., assignor.)
- Merry, Clayton B. (See Merz, Frank J., Jr., and G. B., and Merry.)
- Merry, Edward C., Dickinson, N. Dak., assignor to J. Vernon Neville, Forsyth, Mont. Automotive vehicle. 2,135,906; Nov. 8.
- Merta, Method, Chicago, Ill. Conical cup and ice cream receptacle. 2,105,949; Jan. 18.
- Merté, Willy, assignor to the firm Carl Zeiss, Jena, Germany. Photographic objective. 2,126,126; Aug. 9.
- Merté, Willy, assignor to the firm Carl Zeiss, Jena, Germany. Photographic objective. 2,140,024; Dec. 13.
- Merten, Otto. (See Fiedler, K., Hegwein, Merten, and Stockmeyer.)
- Merten, William J., assignor to Pittsburgh Rolls Corporation, Pittsburgh, Pa. Rolling mill roll. 2,115,465; Apr. 26.
- Mertens, Franz, Mannheim, Germany, assignor to Aktien-gesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric valve protective system. 2,109,865; Mar. 1.
- Mertes, Albert T., Newport, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Carrying out chemical reactions. 2,128,311; Aug. 30.
- Mervis, Lou, et al. (See Cullin, Jasper F., assignor.)
- Mervis, Meyer B., et al. (See Cullin, Jasper F., assignor.)
- Merwin, George E., Fort Arthur, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for automatically stopping a panel press. 2,113,538; Apr. 5.
- Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand winding apparatus. 2,134,369; Oct. 25.
- Merwitz, James M., Troy, N. Y. Clothespin. 2,139,455; Dec. 6.
- Merz, Frank J., Jr., C. B. Merry, and G. B. Merz, Seattle, Wash. Model tire wheel. 2,113,031; Apr. 5.
- Merz, Frank J., Jr., and G. B., Seattle, Wash. Model airplane propeller. 2,128,009; Aug. 23.
- Merz, George B. (See Merz, Frank J., Jr., and G. B., and Merry.)
- Merz, George B. (See Merz, Frank J., Jr., and G. B., and Merry.)
- Merz, Ludwig. (See Keinath, G., and Merz.)
- Mesick, Harry F., Jr., and M. J. Gross, Chicago, Ill., assignors to General Electric X-Ray Corporation. X-ray tube. 2,118,413; May 24.
- Mesinger, William F., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Balanced double-seated valve. 2,119,471; May 31.
- Mess, James, and R. Stroud, assignors to Niagara Screens & Machines Limited, Toronto, Ontario, Canada. Vibratory screen. 2,120,032; June 7.
- Messenger, Herbert, Claysville, Pa. Change-speed drive transmission. 2,120,293; June 14.
- Messer, Adolf, Frankfort-on-the-Main, Germany. Apparatus for producing and storing oxygen. 2,107,797; Feb. 8.
- Messer, Adolf, Frankfort-on-the-Main, Germany. Apparatus for separating oxygen from air and delivering the oxygen under pressure. 2,133,105; Oct. 11.
- Messer, William E. (See Meuser, L., Messer, and Lali-berte.)
- Messer, William E., Cheshire, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Treating rubber and product obtained thereby. 2,126,269; Aug. 9.
- Messer, William E., Cheshire, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Vulcanization of rubber. 2,130,242; Sept. 13.
- Messing, Joseph A. (See Frank, H. J. L., and Messing.)
- Messing, Joseph A. (See Frank, W. H., and Messing.)
- Messinger Devices, Incorporated. (See Messinger, Lester H., Jr., assignor.)
- Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Attachment for internal combustion engines. 2,123,515; July 12.
- Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Carburetor. 2,133,033; Oct. 11.
- Mesta Machine Company. (See Iversen, Lorens, assignor.)
- Mestek, Bernard, Washington, D. C. Fastening device for jewelry. 2,133,901; Oct. 18.
- Mesters, Jan A. H. (See Scheffers, Petrus P. H. G., assignor.)
- Mesterton, Kuno W., Brooklyn, N. Y. Vegetable cutter and slicer. 2,114,427; Apr. 19.
- Mesterton, Kuno W., Brooklyn, N. Y. Vegetable cutter and slicer. 2,114,428; Apr. 19.
- Meston, Archibald F., Middlesex Borough, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator. 2,110,631; Mar. 8.
- Meston, Archibald F., Middlesex, N. J., assignor to Research Corporation, New York, N. Y. Electrode rapping. 2,123,473; July 12.
- Meszar, John, Basking Ridge, and F. M. Wiese, Elizabeth, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Telephone system. 2,119,239; May 31.
- Metal Box Company, The. (See Blakeway, Arthur H., assignor.)
- Metal Box Company Limited, The. (See Cowan Alan F., assignor.)
- Metal Box Company Limited, The. (See Stuchbery, Arthur L., assignor.)
- Metal Box Company, The. (See Worthington, John, assignor.)
- Metal Forming & Coating, Inc. (See Schneider, Hans, assignor.)
- Metal Office Furniture Company. (See Wege, Peter M., assignor.)
- Metal Specialties Manufacturing Co. (See Lindsay Robert M., assignor.)



- Metal Textile Corporation. (See Goodloe, Alfred M., assignor.)
- Metal Textile Corporation. (See Kingman, Russell B., assignor.)
- Metal Works, Inc. (See Aronson, Louis V., assignor.)
- Metallastik Ltd. (See Schmidt, Fritz, assignor.)
- Metallic Container Corporation. (See Rosen, David, assignor.)
- Metallochemische Fabrik, A.-G. (See Claus, Willi, assignor.)
- Metallpulver A. G. (See Kramer, Erwin, assignor.)
- Metallschlaugh-Fabrik Pforzheim vorm. Hch. Witzemann Gesellschaft mit beschränkter Haftung. (See Roemer, Friedrich, assignor.)
- Metals Coating Company of America. (See Binder, Richard L., assignor.)
- Metals & Controls Corporation. (See Bolesky, John D., assignor.)
- Metals & Controls Corporation. (See Davignon, Victor D., assignor.)
- Metals & Controls Corporation. (See McGoldrick, William J., assignor.)
- Metals & Controls Corporation. (See Most, Lucifer J., assignor.)
- Metals & Controls Corporation. (See Peterson, Arthur W., assignor.)
- Metals & Controls Corporation. (See Spencer, John A., assignor.)
- Metals & Controls Corporation. (See Vaughan, Victor G., assignor.)
- Metallwash Machinery Company. (See Zademach, Erich R., assignor.)
- Metaphane, Inc. (See Riedel, Otto P., assignor.)
- Metcalf, George F., Schenectady, N. Y., assignor to General Electric Company. Circuits for arc-back suppression. 2,125,799; Aug. 2.
- Metcalf, Herbert E. (See Trautner, W., and Metcalf.)
- Metcalf, Herbert E., Oakland, Calif., assignor, by mesne assignments, to General Electric Company, Cleveland, Ohio. Electric lamp. 2,105,430; Jan. 11.
- Metcalf, Herbert E., Walnut Creek, assignor to E. H. Kueffer, Oakland, Calif. Butt contact rotary switch. 2,116,842; May 10.
- Metcalf, Herbert E., Walnut Creek, assignor to E. H. Kueffer, Oakland, Calif. Vehicle signaling system with manual override. 2,126,940; Aug. 16.
- Metcalf, Robert K., Toronto, Ontario, Canada. Sponge rubber brush. 2,138,010; Nov. 29.
- Metcalfe, James C. (See Metcalfe, Richard D. and J. C.)
- Metcalfe, Richard D., and J. C., Romiley, England. Washing apparatus for locomotives and the like. 2,131,964; Oct. 4.
- Metcalfe, Virgil E. (See Thompson, J. W., and Metcalfe.)
- Methlin, Nicolas E., assignor to Schneider & Cie, Paris, France. Fuse for projectiles. 2,128,838; Aug. 30.
- Methlin, Nicolas E., assignor to Schneider & Cie, Paris, France. Device for operating land mines and the like by the passage of tanks or other vehicles. 2,128,839; Aug. 30.
- Metrawatt Aktiengesellschaft Fabrik Elektrischer Messgeraete. (See Bernhard, A., and Beyrich, assignors.)
- Metro, Paul E., Warren, Ohio. Handy lunch bag. 2,112,406; Mar. 29.
- Metropolis Bending Company. (See Puls, Alfred E., assignor.)
- Metropolitan Body Company, The. (See Carlson, Philip, assignor.)
- Metropolitan Device Corporation. (See Allen, Albert J., assignor.)
- Metropolitan Device Corporation. (See Davis, W. S., and Kuhn, assignors.)
- Metropolitan Device Corporation. (See Hewitt, Alfred, assignor.)
- Metropolitan Device Corporation. (See Rypinski, Albert B., assignor.)
- Metropolitan Engineering Company. (See Holmes, Henry S., assignor.)
- Metropolitan Engineering Company. (See Lawrence, John H., assignor.)
- Metropolitan Engineering Company. (See Soehner, J. D., and Holmes, assignors.)
- Metropolitan Machine Corporation. (See Zeier, Frederick F., assignor.)
- Metropolitan Sewing Machine Corporation. (See Robbins, Willis C., assignor.)
- Metropolitan Sewing Machine Corporation. (See Weis, John P., assignor.)
- Metz, Martha M., Talmage, Kans. Anatomical skeleton. 2,108,229; Feb. 15.
- Metz, Ora F., El Paso, Tex., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Variable pitch sheave. 2,135,467; Nov. 1.
- Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Piston. 2,105,950; Jan. 18.
- Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Load controlling apparatus. 2,125,355; Aug. 2.
- Metzger, Alfred R., et al. (See Smith, Swan, assignor.)
- Metzger, Floyd J., assignor to Air Reduction Company, Inc., New York, N. Y. Producing isopropyl. Re. 20,738; May 24.
- Metzger, Floyd J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Manufacture of ethyl alcohol. Re. 20,739; May 24.
- Metzger, Francis C., Cleveland Heights, Ohio, assignor to General Electric Company. Apparatus for pumping and mixing liquids. 2,104,663; Jan. 4.
- Metzger, Otto, assignor to Vereinigte Deutsche Metallwerke A.-G., Zweigniederlassung Sueddeutsche Metallindustrie, Nuremberg, Germany. Packing for perishable victuals. 2,117,738; May 17.
- Metzger, Radley, New York, N. Y. Shoe hanger. 2,129,857; Sept. 13.
- Metzger, William E., Rutland, Vt. Awning. 2,110,807; Mar. 8.
- Metzger, Max. (See Block, L., and Metzger.)
- Metzler, Anthony. (See Metzler, Anton, assignor.)
- Metzler, Anton, assignor of one-half to A. Metzler, Rochester, N. Y. Rotary engine. 2,110,554; Mar. 8.
- Metzner, Albert W. (See Sherman, J. Q., and Metzner.)
- Metzner, Albert W., assignor to J. Q. Sherman, Dayton, Ohio. Typewriter attachment. 2,112,248; Mar. 29.
- Metzner, Otto, Mahrisch-Ostrau, Czechoslovakia. Steam collecting device especially for high pressure steam. 2,110,468; Mar. 8.
- Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch. 2,104,206; Jan. 4.
- Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Door-controlled lighting unit for refrigerators and the like. 2,132,428; Oct. 11.
- Meunier, Christian J., et al. (See Poché, John M., assignor.)
- Meurling, Ivar, Swarthmore, Pa., assignor, by mesne assignments, to American Viscose Corporation. Rayon-Spinning pump. 2,136,142; Nov. 8.
- Meusel, Oscar M., et al. (See Davis, Frank J., assignor.)
- Meuser, Ludwig, Neugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,116,978; May 10.
- Meuser, Ludwig, Neugatuck, W. E. Messer, Cheshire, and A. J. Laliberte, Neugatuck, Conn., assignors to United States Rubber Products, Inc., New York, N. Y. Manufacture of diaryl arylenediamines. 2,133,825; Oct. 18.
- Meuwens, Ernest G., Scarsdale, N. Y. Plaster design marking tool. 2,127,130; Aug. 16.
- Mevi, George G., Mount Kisco, N. Y. Loose leaf binder. 2,116,078; May 3.
- Mewborne, Robert G., Albuquerque, N. Mex., and J. F. Les Veaux, assignors to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Determining the amount of sulphur in mixtures containing the same. 2,124,307; July 19.
- Mexican American Hat Company. (See Holmes, Glenn E., assignor.)
- Meyer, Adolph F., Minneapolis, Minn. Manometer. 2,105,000; Jan. 11.
- Meyer, Albert W., Nutley, N. J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Hydrolyzing organic halides. 2,138,609; Nov. 29.
- Meyer, Alfred, M. Hurst, and F. W. Stockmeyer, Stuttgart, Germany, assignors to Robert Bosch, Gesellschaft mit beschränkter Haftung. Injection pump for internal combustion engines. 2,119,472; May 31.
- Meyer, Andre J., Lexington, Ky., assignor to The Reed Propeller Co., Inc. Adjustable combustion chamber engine. 2,120,290; June 14.
- Meyer, Arnold, assignor to the firm Harburger Gummiwaren Fabrik Phoenix, Aktiengesellschaft, Harburg-Wilhelmsburg, Germany. Manufacturing commercial rubber tubes or fabric hose. 2,119,465; May 31.
- Meyer, Arnold F., Pewaukee, assignor to The Heil Co., Milwaukee, Wis. Vehicular mounting. 2,113,796; Apr. 12.
- Meyer, Arthur F., San Francisco, Calif. Smoking apparatus. 2,117,492; May 17.
- Meyer, Arthur F., Glendale, Calif., assignor of one-half to C. A. Mayer, Pittsburgh, Pa. Liquid measuring device. 2,138,677; Nov. 29.
- Meyer, Aubrey E., Paris, France, assignor to Para Fabrics Corporation, New York, N. Y. Treating textile yarns and products therefrom. 2,135,088; Nov. 1.
- Meyer, Benjamin A. (See Goeritz, E. J., and Meyer.)
- Meyer, Charles, Yonkers, assignor to Bartmann & Bixler Inc., New York, N. Y. Sewing machine. 2,123,738; July 12.
- Meyer, Charles A. (See Meyer, Arthur F., assignor.)
- Meyer, Charles C. (See Brotsker, C. J., and Meyer.)
- Meyer, Charles S., Norwood, Ohio. Tabulating board. 2,117,812; May 17.
- Meyer, Claude I., Paris, France. Soap covered with a soft sheath. 2,132,746; Oct. 11.
- Meyer, Claude I., Paris, France. Soap tablet covered with a soft sheath. 2,138,873; Dec. 6.
- Meyer Coupling Company. (See Meyer, Edwin C., assignor.)
- Meyer, Edwin C., Los Angeles, Calif., assignor to Meyer Coupling Company, Inc. Coupling with disconnecter. 2,129,704; Sept. 13.
- Meyer, Emil A., Springfield, Ohio. Time switch. 2,130,725; Sept. 20.
- Meyer, Felix, Aachen, Germany, assignor to Kimble Glass Company, Vineland, N. J. Container. 2,111,985; Mar. 22.



- Meyer, Frederick, Union, assignor to Art Metal Works, Inc., Newark, N. J. Shaving mechanism. 2,119,284; May 31.
- Meyer, Fritz, Grymes Hill, Staten Island, and E. Schreiber, née Stege, Great Kills, Staten Island, N. Y. Hydroxyalkylamino compounds. 2,141,843; Dec. 27.
- Meyer, George, et al. (See Raymond, Joseph, assignor.)
- Meyer, George J., Milwaukee, Wis. Sealing containers. 2,106,464; Jan. 25.
- Meyer, George J., Milwaukee, assignor to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Bottle positioning means. 2,111,797; Mar. 22.
- Meyer, Geo. J., Manufacturing Company. (See Meyer, George J., assignor.)
- Meyer, George U. (See Myrberg, S. O., and Meyer.)
- Meyer, Gustav, Hanover, Germany. Coupling device for motor lorry trains. 2,120,415; June 14.
- Meyer-Hecht Company, The. (See Hecht, Vernon G., assignor.)
- Meyer, Hermann. (See Lebedenko, N., Naphtali, Kroll, and Meyer.)
- Meyer, John H., Rutherford, N. J. Apparatus for finishing concrete floors. 2,132,173; Oct. 11.
- Meyer, Joseph E., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet collecting and folding mechanism for printing presses. 2,138,499; Nov. 29.
- Meyer, Joseph E., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Cutting and folding machine. 2,139,241; Dec. 6.
- Meyer, Joseph L., assignor, by mesne assignments, to Saf-T-Pop Corporation, Dubuque, Iowa. Wrapping or packaging device. 2,125,246; July 26.
- Meyer, Leo J., assignor of one-third to J. A. Schuler, St. Louis, Mo., and two-thirds to The Champion Pecan Machine Company, San Antonio, Tex. Nut-cracking machine. 2,128,874; Aug. 30.
- Meyer, Lester W. A., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose organic ester composition containing dipropionate of a polyethylene glycol. 2,124,884; July 26.
- Meyer, Maximilian C., Brooklyn, N. Y. Container. 2,130,773; Sept. 20.
- Meyer, Maximilian C., Brooklyn, N. Y. Cellulosic container. 2,133,629; Oct. 18.
- Meyer Mineral Separation Company. (See Meyer, Ralph F., assignor.)
- Meyer, Oscar, Cologne, Germany. Securing iron parts to masonry of all kinds. 2,123,310; July 12.
- Meyer, Peter F., Brooklyn, N. Y. Amusement device. 2,109,972; Mar. 1.
- Meyer, Pierre H. (See Zimbalist, William H., assignor.)
- Meyer, Pierre H., New York, N. Y. Counter construction. 2,109,847; Mar. 1.
- Meyer, Pierre H., Mount Vernon, N. Y. Counter tray. 2,127,826; Aug. 23.
- Meyer, Pierre H., Mount Vernon, N. Y. Partition end supporting device. 2,127,827; Aug. 23.
- Meyer, Pierre H., Mount Vernon, N. Y. Clamp bracket. 2,141,008; Dec. 20.
- Meyer, Pierre H., Mount Vernon, N. Y. Supporting device. 2,141,009; Dec. 20.
- Meyer, Ralph F., Freeport, assignor to Meyer Mineral Separation Company, Pittsburgh, Pa. Metallurgy of ferroalloy metals. 2,125,642; Aug. 2.
- Meyer, Russell B., Dakota, Ill. Beehive frontal enclosure. 2,140,964; Dec. 20.
- Meyer, Seth M., West Bend, Wis. Hose coupling drain. Re. 20,842; Aug. 30.
- Meyer, Vernon H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to shoe bottoms. 2,134,726; Nov. 1.
- Meyer, Walter. (See Papp, G., and Meyer.)
- Meyer, Walter R. (See Groene, W. F., and Meyer.)
- Meyer, Wendel J. (See Elsey, W. R., and Meyer.)
- Meyer, Wilfred, Birkenwerder, near Berlin, assignor to Allgemeine Elektrizitäts Gesellschaft, Berlin, Germany. Cathode heater for electron discharge devices. 2,108,544; Feb. 15.
- Meyer, Wilfried. (See Wiegand, E., Meyer, and Pulfrich.)
- Meyercord Company, The. (See Johnson, Alvin O., assignor.)
- Meyercord Compound Lumber Company. (See Meyercord, George R., assignor.)
- Meyercord, George R., Chicago, Ill., assignor to Meyercord Compound Lumber Company. Method of and apparatus for drying wood veneers. 2,120,205; June 7.
- Meyerohefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heat transfer apparatus. 2,118,263; May 24.
- Meyerohefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 2,135,089; Nov. 1.
- Meyers, Charles W., Cleveland, Ohio. Wire or strip tinning machine. Re. 20,673; Mar. 15.
- Meyers, George R., Hawthorne, N. J., assignor to S. J. Aronson, Inc., New York, N. Y. Dyeing multicolored fabrics in the piece. 2,135,350; Nov. 1.
- Meyers, Gilbert R., assignor to Trouser Meter Inc., Fort Wayne, Ind. Measure. 2,122,068; June 28.
- Meyers, Julius R., Sheldon, Wis. Cheese package. 2,111,051; Mar. 15.
- Meyerson, Max, New York, N. Y. Card holder. 2,139,556; Dec. 6.
- Meyfarth, Gottlieb, assignor of one-half to Société Anonyme des Ateliers de Secheron, Geneva, Switzerland. Individual axle drive for vehicles. 2,108,382; Feb. 15.
- Meyrick, Harold A., Chicago, Ill. Tiled wall. 2,139,905; Dec. 13.
- Mezoff, Milton, assignor to Patent Products Corporation, Boston, Mass. Dispensing device for roll paper. 2,132,177; Oct. 4.
- Mezzapesa, Stephen, Brooklyn, N. Y. Device for instantaneously cooling beer and dispensing same. 2,124,308; July 19.
- Michael, Edward F. L., assignor of one-half to M. Grill, New York, N. Y. Fountain pen. 2,130,774; Sept. 20.
- Michael, Ferris E., Rozel, Kans. Antiflooding attachment for carburetors. 2,109,179; Feb. 22.
- Michael, William C. (See Olsvary, Louis, assignor.)
- Michaelis, Walter, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt near Berlin, Germany. Telephone system. 2,105,001; Jan. 11.
- Michaelis, Walter, assignor to B. Gaspar, Brussels, Belgium. Sound film. 2,136,143; Nov. 8.
- Michaels, Victor M. (See Rushlau, W. V., and Michaels.)
- Michal, Charles J., Jr., Hinsdale, Ill. Machine gun. 2,139,691; Dec. 13.
- Michaud, Elzevir V., assignor of two-fifths to R. D. Schnoor, and one-fifth to R. F. Miehle, Jr., Chicago, Ill. Fuel burner. 2,120,257; June 14.
- Michaut, Paul, Paris, France. Manufacture of urea and formaldehyde varnishes and product obtained. 2,119,466; May 31.
- Michel, Clarence A. (See Doane, H. C., Prescott, and Michel.)
- Michel, Clarence A., and J. L. Koubek, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Automobile head lamp. 2,131,634; Sept. 27.
- Michel, Clarence A., and H. C. Mead, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Lamp bulb mounting. 2,139,374; Dec. 6.
- Michel, Clarence A., H. C. Mead, and R. Winkelmeier, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Head lamp. 2,137,092; Nov. 15.
- Michel, Clarence H., Baltimore, Md. Building structure. 2,124,826; July 26.
- Michel, Clarence H., Baltimore County, Md. Building structure. 2,124,827; July 26.
- Michel, Edmond, assignor to Larmloc Corporation, New Orleans, La. Circuit changing switch mechanism. 2,136,858; Nov. 15.
- Michel, Edmond, assignor to Larmloc Corporation, New Orleans, La. Circuit changing system. 2,136,859; Nov. 15.
- Michel, Edmond, assignor to Larmloc Corporation, New Orleans, La. Combination switch mechanism. 2,136,307; Nov. 8.
- Michel, Josef M., Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Producing corrosion resistant coatings on magnesium and high percentage magnesium alloys. 2,134,830; Nov. 1.
- Michelin & Cie. (See Bourdon, Pierre M., assignor.)
- Michelin et Cie. (See Bourdon, Pierre M., assignor.)
- Michell, Anthony G. M., Melbourne, Australia. Nut. 2,106,984; Feb. 1.
- Michelson, Carl, Klamath Falls, Ore. Tool rack for meat blocks. 2,122,069; June 28.
- Micholssen, Fritz, Berlin-Steglitz, assignor to Neufeldt & Kuhne G. m. b. H., Kiel, Germany. Light-controlled signaling system. 2,131,328; Sept. 27.
- Micheluzzi, fu Leopoldo, Mario, Trieste, Italy. Refuse vehicle. 2,113,685; Apr. 12.
- Michigan Die-Casting Company. (See Tallberg, Elmer M., assignor.)
- Michigan Ladder Company. (See Lewis, Melvin J., assignor.)
- Michigan Tool Company. (See Dalzen, William F., assignor.)
- Michigan Tool Company. (See Scott, George R., assignor.)
- Michigan Tool Company. (See Simowski, Alex W., assignor.)
- Miel, Gabriella. (See Miel, Ludowicus and G.)
- Miel, Ludowicus and G., Vienna, Austria. Bedrail. 2,114,397; Apr. 10.
- Michot Dupont, Georges F., Fontaine-Chaills, France. Apparatus for the thermal treatment of carbonaceous materials. 2,125,897; Aug. 9.
- Mickley, Erich, Berlin-Zehlendorf, Germany, assignor to General Electric Company. Electric incandescent lamp. 2,121,641; June 21.
- Micro Products Corporation. (See Vogt Hans, assignor.)
- Micromatite Bone Corporation. (See Bleasdale, Albert, assignor.)
- Micromatite Bone Corporation. (See Connor, Kirk W., assignor.)
- Micromatite Bone Corporation. (See Connor, K. W., and Bleasdale, assignors.)
- Micro Westco, Inc. (See Petscheyes, Charles H., assignor.)
- Mid Continent Petroleum Corporation. (See Bennett, H. T., and Prather, assignors.)
- Mid Continent Petroleum Company. (See Dons, F. M., and Mapes, assignors.)
- Mid Continent Petroleum Corporation. (See Dons, F. M., Mapes, and Mapes, assignors.)



- Middel, Hendrik D., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 2,141,924; Dec. 27.
- Middlebury Electric Clock Corporation. (See Borgfeldt, Frederic R., assignor.)
- Middleton, Edmund B. (See Marasco, M., and Middleton.)
- Middleton, Edmund B., and A. B. Jennings, New Brunswick, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Color photography. 2,133,937; Oct. 18.
- Middleton, Edmund B., and A. B. Jennings, New Brunswick, N. J., assignors, by mesne assignments, to Du Pont Film Manufacturing Corporation. Color photography. 2,140,540; Dec. 20.
- Middleton, Herbert T., Englewood, N. J., assignor to International Patents Development Company, Wilmington, Del. Cocoa and sugar compound and making same. 2,117,344; May 17.
- Middleton, Howard A., Kansas City, Mo. Liquid cooling and transporting system. 2,129,778; Sept. 13.
- Middleton, Leslie H., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Spark plug. 2,111,916; Mar. 22.
- Middleton, William V., Trenton, N. J. Game apparatus. 2,123,195; July 12.
- Midgley, Albert H., Wembley, England. Apparatus for the production of electrical oscillations. 2,112,921; Apr. 5.
- Midgley, Joseph, Merrifield, assignor to Fairmont Railway Motors, Inc., Fairmont, Minn. Rail sweep for railway cars. 2,114,721; Apr. 19.
- Midgley, Thomas, Jr., Worthington, A. L. Henne, Columbus, and R. R. McNary, assignors to General Motors Corporation, Dayton, Ohio. Heat transfer and refrigeration. 2,104,882; Jan. 11.
- Midland Company, The. (See Nemece, Joseph, assignor.)
- Midland Steel Products Company, The. (See Ahndale, Einar, assignor.)
- Midland Steel Products Company, The. (See Begg, Russell S., assignor.)
- Midland Steel Products Company, The. (See Begg, R. G., and Kuiper, assignors.)
- Midland Steel Products Company, The. (See Dietrich, Neff T., assignor.)
- Midland Steel Products Company, The. (See Harmon, Orlin B., assignor.)
- Midland Steel Products Company, The. (See Harmon, O. B., and Maddock, assignors.)
- Midland Steel Products Company, The. (See Knudsen, Alex W., assignor.)
- Midland Steel Products Company, The. (See Kuiper, Gerhard C. R., assignor.)
- Midland Steel Products Company, The. (See Maddock, Robert H., assignor.)
- Midland Steel Products Company, The. (See Meier, William, assignor.)
- Midland Steel Products Company, The. (See Riemschneider, Ernest, assignor.)
- Midland Steel Products Company, The. (See Reimschneider, E., and Thoms, assignors.)
- Midland Steel Products Company. (See Wallace, R. H., and Riemschneider, assignors.)
- Midland Wire & Metal Products. (See Scriba, John M., assignor.)
- Mid-States Gummed Paper Co. (See Humphner, Ferdinand W., assignor.)
- Miduna, Biagio, New York, N. Y. Wrapper for cigars or the like. 2,128,374; Aug. 30.
- Midvale Company, The. (See Ericsson, G., and Cox, assignors.)
- Midvale Company, The. (See Fine, Bernard M., assignor.)
- Midvale Company, The. (See Sachse, Julius F., assignor.)
- Midway Chemical Co. (See Glover, John, assignor.)
- Mfg. West-Fulton Machine Company. (See Knoll, William V., assignor.)
- Midwest Metal Products Company. (See Smith, E. F., and Wilson, assignors.)
- Midwest Production Engineering, Inc. (See Gorham, Ralph B., assignor.)
- Mid-West Wall Paper Mills. (See Moses, Nicholas P., assignor.)
- Miedel, Hermann, Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Laminated corrosion resistant structure. 2,108,722; Feb. 15.
- Mieg, Walter, Opladen, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Anthraquinone derivatives. 2,117,813; May 17.
- Mieg, Walter, and F. Wiener, Opladen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Anthraquinonyl amides of aromatic dicarboxylic acids. 2,123,375; July 12.
- Miehle Printing Press & Manufacturing Company. (See Golber, Hyman E., assignor.)
- Miehle Printing Press & Manufacturing Company. (See Mitchell, Arthur B., assignor.)
- Miehle Printing Press & Manufacturing Company. (See Pevrebrune, Henri E., assignor.)
- Miehle Printing Press and Manufacturing Company. (See Stevens, B. D., Dudley, and Verrinder, assignors.)
- Miehle Printing Press & Manufacturing Company. (See Wilkinson, William J., assignor.)
- Miehle, Robert F., Jr., et al. (See Michaud, Elzear V., assignor.)
- Mierdel, Georg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Igniting gas or vapor discharge spaces. 2,134,527; Oct. 25.
- Miescher, Karl, Riehen, near Basel, A. Wettstein, and C. Scholz, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Esters of testosterone and making same. 2,109,400; Feb. 22.
- Miescher, Karl, Riehen, near Basel, and E. Urech, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Therapeutically active amidines. 2,131,141; Sept. 27.
- Miessner, Benjamin F., Millburn Township, N. J. Method and apparatus for the production of music. 2,140,025; Dec. 13.
- Miessner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifying and reproducing system. 2,107,125; Feb. 1.
- Miessner, Benjamin F., Millburn, N. J., assignor to Miessner Inventions, Inc. Apparatus for the production of music. 2,138,500; Nov. 29.
- Miessner Inventions, Inc. (See Miessner, Benjamin F., assignor.)
- Miessner, William O., Lawrence, Kans. Musical instrument. 2,117,345; May 17.
- Miessner, William O., Deerfield, Ill. Theme finder. 2,138,875; Dec. 6.
- Mietzsch, Fritz, Wuppertal-Elberfeld, and H. Mauss, Wuppertal-Barmen, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Basically substituted amino-acridine derivatives. 2,113,357; Apr. 5.
- Mietzsch, Fritz, and J. Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Azo compounds. 2,113,597; Apr. 12.
- Mietzsch, Fritz, Wuppertal-Elberfeld, and H. Mauss, Wuppertal-Barmen, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. New basically substituted acridine compounds. 2,121,207; June 21.
- Mietzsch, Fritz, and J. Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Azo compounds. 2,123,634; July 12.
- Mietzsch, Fritz, and J. Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of 4-aminobenzene-sulphonic acid amide. 2,132,178; Oct. 4.
- Miga, Raymond B., Providence, R. I., assignor to Welsh Manufacturing Company. Pocket implement. 2,110,999; Mar. 15.
- Miguel, Joseph H., St. Albans, assignor to L. E. Karcher, Middle Village, Long Island, N. Y., and himself, trading under the name and style of Miguel Non-Clog Core Company. Radiator construction. 2,121,708; June 21.
- Miguel Non-Clog Core Company. (See Miguel, Joseph H., assignor.)
- Mihalyi, Joseph, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Camera. 2,105,256; Jan. 11.
- Mihalyi, Joseph, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Range finder for cameras. 2,113,307; Apr. 5.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,117,971; May 17.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter release. 2,117,972; May 17.
- Mihalyi, Joseph, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Focusing mechanism for interchangeable lenses. 2,124,885; July 26.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Light controlling mechanism for cameras. 2,124,886; July 26.
- Mihalyi, Joseph, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Exposure control for photographic apparatus. 2,126,338; Aug. 9.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Roll holding camera. 2,132,695; Oct. 11.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Motor drive unit for cameras. 2,135,984; Nov. 8.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Film winding mechanism. 2,140,445; Dec. 13.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Focal plane shutter. 2,140,446; Dec. 13.
- Mihalyi, Joseph, and N. B. Green, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Exposure meter. 2,105,255; Jan. 11.
- Mihm, Erwin R., et al. (See Klein, Benjamin, assignor.)
- Mikesell, Omar M., New Paris, Ohio. Motor vehicle. 2,136,978; Nov. 15.
- Mikeska, Louis A., Elizabeth, and J. B. Holtzclaw, Roselle, N. J., assignors to Standard Oil Development Company. Light stabilizer for hydrocarbons. 2,110,274; Mar. 8.
- Mikeska, Louis A., and L. B. Turner, Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricating oil. 2,115,341; Apr. 26.



- Mikeska, Louis A., and C. A. Cohen, Elizabeth, N. J., assignors to Standard Oil Development Company. Increasing the oiliness value of lubricating oils and lubricating oils prepared by such method. 2,121,976; June 28.
- Mikeska, Louis A., Westfield, and E. Lieber, Linden, N. J., assignors to Standard Oil Development Company. Preparation of phenol sulfides. 2,139,321; Dec. 6.
- Mikeska, Louis A., and C. A. Cohen, Elizabeth, N. J., assignors to Standard Oil Development Company. Mineral oil stabilizing agent and composition containing same. 2,139,766; Dec. 13.
- Mikimoto, Kokichi, Ginza, Kyobashi-ku, Tokyo-shi, Japan. Production of culture pearls. 2,126,024; Aug. 9.
- Mikos, George, assignor of one-fourth to W. Chevie, Washington, D. C. Life preserver jacket. 2,137,580; Nov. 22.
- Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Washing machine driving mechanism. 2,134,980; Nov. 1.
- Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Power unit for washing machines. 2,134,981; Nov. 1.
- Milan, Joseph M., Indianapolis, Ind. Truck loader and unloader. 2,139,417; Dec. 6.
- Milas, Nicholas A., Cambridge, Mass. Making organic peroxides. 2,115,206; Apr. 26.
- Milas, Nicholas A., Cambridge, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of antirachitic substances. 2,117,100; May 10.
- Milas, Nicholas A., Belmont, Mass. Organic peroxides and preparing the same. 2,115,207; Apr. 26.
- Milas, Nicholas A., Belmont, and W. L. Walsh, Somerville, Mass., assignors to Research Corporation, New York, N. Y. Catalytic oxidation of organic compounds. 2,118,567; May 24.
- Milas, Nicholas A., Belmont, Mass., and W. L. Walsh, East Greenbush, assignors to Research Corporation, New York, N. Y. Catalytic oxidation of naphthenes. 2,136,144; Nov. 8.
- Milani, Joseph L., Seattle, Wash. Collapsible press mold. 2,136,517; Nov. 15.
- Milbank, Harold. (See Cone, Ralph R., assignor.)
- Milburn, Herbert G. (See Milburn, Richard H., and H. G.)
- Milburn, Richard H., Parnell, and H. G. Milburn, Remuera, Auckland, New Zealand. Method of and apparatus for the treatment of flax and the like fibers. 2,125,800; Aug. 2.
- Mildon, Reginald B., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid heating apparatus. 2,110,914; Mar. 15.
- Miles, Forrest G. (See Flynt, Robert C., assignor.)
- Miles, Gilbert D., Sunland, Calif. Buffered cosmetic. 2,118,566; May 24.
- Miles, James T., Hamlin, Tex. Safety egg-laying nest. 2,122,349; June 28.
- Miles, John B., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrical equipment. 2,116,318; May 3.
- Miles, Joseph W., London, England, assignor to International Business Machines Corporation, New York, N. Y. Recording apparatus. 2,135,944; Nov. 8.
- Miles, Lawrence D., Schenectady, N. Y., assignor to General Electric Company. Demountable electrode assembly. 2,112,040; Mar. 22.
- Miles, Loren L., Los Angeles, Calif. Aircraft propeller. 2,104,207; Jan. 4.
- Miles, William S., Hastings on Hudson, assignor to Johns-Manville Corporation, New York, N. Y. Shingle and assembly of the same. 2,138,663; Nov. 29.
- Miley, L. J., Company. (See Williams, George B., assignor.)
- Milhorn, Samuel G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Handling viscous cellulosic masses. 2,132,873; Oct. 11.
- Milich, Vlada, Detroit, Mich. Caster. 2,133,826; Oct. 18.
- Milk Processes, Inc. (See Wendt, Herman D., assignor.)
- Milkes, Leah G., Chicago, Ill. Pajamas. 2,131,898; Oct. 4.
- Millan, Edward N. (See Tytus, J. B., and Millan.)
- Millan, Edward N., assignor to The American Rolling Mill Company, Middletown, Ohio. Annealing cover. 2,105,750; Jan. 18.
- Millan, Edward N., assignor to The American Rolling Mill Company, Middletown, Ohio. Conveyor and method. 2,121,388; June 21.
- Miller, Cyril, F. P., Chorlton on Medlock, Manchester, England. Printing ink. 2,125,683; Aug. 2.
- Miller, Russell W., and H. P. A. Groll, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Removal of SO<sub>2</sub> from gases. 2,139,375; Dec. 6.
- Millard, Frederick C., Mount Lebanon, Pa., assignor, by mesne assignments, to Acme Protection Equipment Company. Gas mask equipment. 2,123,190; July 12.
- Millard, Lee P., Moline, Ill., assignor to International Harvester Company. Harvester. 2,112,922; Apr. 5.
- Millard, Lee P., Moline, Ill., assignor to International Harvester Company. Harvester-thresher. 2,135,921; Nov. 8.
- Millard, Loren D., assignor to Murray Iron Works Company, Burlington, Iowa. Turbine. 2,122,235; June 28.
- Millard, Raymond B., Tulsa, Okla. Building construction. 2,128,375; Aug. 30.
- Millavec, Alvin J., Cleveland, Ohio. Combined receptacle and brush holder. 2,107,643; Feb. 8.
- Millen, Stanley S., Glendale, Calif. Beading machine. 2,116,906; May 10.
- Miller, Abraham B., Newark, Del., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Making covering material. Re. 20,694; Apr. 12.
- Miller, Albert F., Flushing, assignor to Lily-Tulip Cup Corporation, New York, N. Y. Cup making machine. 2,125,848; Aug. 2.
- Miller, Albert H., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse transmitter. 2,140,138; Dec. 13.
- Miller, Andrew E., et al. (See Bailey, Joseph W., assignor.)
- Miller, Anthony P., Pleasantville, N. J. Composite plank. 2,106,105; Jan. 18.
- Miller, Arthur F., Jackson, Mich., assignor to Marquette Cement Manufacturing Company. Rock wool blow chamber. 2,129,434; Sept. 6.
- Miller, Arthur W., Milwaukee, Wis. Lock. 2,139,842; Dec. 13.
- Miller-Bellanca Airplanes Limited. (See Bellanca, Frank M., assignor.)
- Miller, Ben G., Santa Fe, N. Mex. Depth indicator for tanks. 2,114,148; Apr. 12.
- Miller, Benjamin J., Alliance, Ohio. Shock absorber for handle bars. 2,111,028; Mar. 15.
- Miller, Bernice, et al. (See Miller, Richard B., assignor.)
- Miller, Bert C., Inc. (See Miller, Bert C., assignor.)
- Miller, Bert C., Montclair, N. J., assignor to Bert C. Miller, Inc., New York, N. Y. Manufacture of metal coated paper. 2,105,440; Jan. 11.
- Miller, Bert C., Montclair, N. J., assignor to Bert C. Miller, Inc., New York, N. Y. Moistureproof coated paper and making the same. 2,117,199; May 10.
- Miller, Bert C., Montclair, N. J., assignor to Bert C. Miller, Inc., New York, N. Y. Coated paper. 2,117,200; May 10.
- Miller, Brian E. M., London, England, assignor to Celanese Corporation of America. Ornamental compound sheet material. 2,130,359; Sept. 20.
- Miller, Brian E. M., London, England, assignor to Celanese Corporation of America. Production of effects in films, sheets, and similar materials. 2,130,360; Sept. 20.
- Miller, Burton F., Hollywood, assignor to United Research Corporation, Long Island City, N. Y. Sound recording. 2,131,293; Sept. 27.
- Miller, Burton F., Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y. Sound recording and reproduction. 2,136,723; Nov. 15.
- Miller, Burton F., Hollywood, assignor to United Research Corporation, Burbank, Calif. Sound recording. 2,136,724; Nov. 15.
- Miller, Carl F., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electrode for electric discharge tubes. 2,118,765; May 24.
- Miller, Carl F., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Method and apparatus for manufacture of electrodes for electron discharge tubes. 2,131,254; Sept. 27.
- Miller, Carl F., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge device. 2,137,005; Nov. 15.
- Miller, Carroll E., assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Multiple spindle automatic lathe. 2,130,809; Sept. 20.
- Miller, Carroll E., assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Work feeding mechanism. 2,137,849; Nov. 22.
- Miller, Carroll E., assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Spindle for automatic lathes. 2,137,850; Nov. 22.
- Miller, Carl M., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Bell. 2,116,320; May 3.
- Miller, Charles, Jersey City, N. J. Autographic register. 2,135,588; Nov. 8.
- Miller, Charles, deceased, Long Island City, N. Y. I. G. Miller, executrix. Protective cover for shoes. 2,134,196; Oct. 25.
- Miller, Charles, deceased, I. G. Miller, executrix of said C. Miller, assignor to I. Miller & Sons, Inc., Long Island City, N. Y. Shoe. 2,111,935; Mar. 22.
- Miller, Charles, deceased, I. G. Miller, executrix, assignor to I. Miller & Sons, Inc., Long Island City, N. Y. Elastic top shoe. 2,138,385; Nov. 29.
- Miller, Charles A., Weatherly, Pa. Apparatus for reforming rail ends. 2,135,107; Nov. 1.
- Miller, Charles A., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Timeclock. 2,105,441; Jan. 11.
- Miller, Charles E., Gary, Ind. Tin plate. 2,141,110; Dec. 20.
- Miller, Charles H., Chicago, Ill. Filter. 2,113,923; Apr. 12.
- Miller, Charles H., Lakewood, assignor to Universal Sewer Pipe Company, Cleveland, Ohio. Structural element. 2,123,853; July 12.
- Miller, Charles J., Chicago, Ill. Table. 2,131,594; Sept. 27.
- Miller, Charles M. (See Laube, G., and Miller.)



- Miller, Charles M. (See Laube, G., Stevens, and Miller.)
- Miller, Chauncey K., Indianapolis, Ind. Combination envelope and return mailing device. 2,107,450; Feb. 8.
- Miller and Chong. (See Chong, Jue L., assignor.)
- Miller, Clarence L., assignor to Webb Belting Company, Kansas City, Mo. Flour mill. 2,111,535; Mar. 15.
- Miller, Clarence W., Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Making valves. 2,127,929; Aug. 23.
- Miller, Clem, and G. Boyd, Nanticoke, Pa. Mechanical tester apparatus. 2,119,487; May 31.
- Miller, Clemmy O., and A. E. Siehrs, Chicago, Ill. Preparation of water-soluble alkaline earth metal salts of acetylsalicylic acid. 2,114,541; Apr. 19.
- Miller Company, The. (See Doane, Leroy C., assignor.)
- Miller, Constantine G., Oak Park, assignor to The Meaker Company, Chicago, Ill. Eliminating embrittlement and corrosion of pickled metal. 2,109,675; Mar. 1.
- Miller, Edward L. (See Holder, E. P., and Miller.)
- Miller, Edward L., Troy, assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Centrifugal extractor and centrifugal method. 2,119,644; June 7.
- Miller, Edward T., Dallas, Tex. Locking mechanism. 2,129,228; Sept. 6.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Plural gear shaping machine. 2,107,545; Feb. 8.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Throated gear shaping machine. 2,118,453; May 24.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Cutter relieving means for shaping machines. 2,125,304; Aug. 2.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear shaping machine with swiveled cutter saddle support. 2,126,339; Aug. 9.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for shaping helicoidal surfaces. 2,126,907; Aug. 16.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear generating machine. 2,129,858; Sept. 13.
- Miller, Edwin B., Viola, Kans. Safety marker for traffic lanes. 2,141,067; Dec. 20.
- Miller, Elizabeth G., Madison, N. J. Jaunt folding dress-mirror. 2,124,146; July 19.
- Miller, Elmer E., Millersburg, Pa. Single trigger mechanism for double-barreled guns. 2,142,000; Dec. 27.
- Miller, Ernest F., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,122,210; June 28.
- Miller, Ernest M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical control system for fluid fuel burners. 2,110,049; Mar. 1.
- Miller, Ernest M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switching mechanism for fuel burning systems. 2,114,965; Apr. 19.
- Miller, Ernest M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burning system and switching mechanism therefor. 2,132,513; Oct. 11.
- Miller, Eugene F., assignor to Hanes Hosiery Mills Co., Winston-Salem, N. C. Knitting machine. 2,117,115; May 10.
- Miller, Florence R., et al. (See Miller, Richard B., assignor.)
- Miller, Floyd L., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating composition. 2,136,391; Nov. 15.
- Miller, Floyd L., and C. Winning, Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricating composition. 2,115,823; May 3.
- Miller, Frank. (See Zimka, J., and Miller.)
- Miller, Frank, East Orange, assignor to Ingersoll-Rand Company, Jersey City, N. J. Core extracting device. 2,140,645; Dec. 20.
- Miller, Frank J., Santa Monica, Calif. Pump. 2,117,493; May 17.
- Miller, Frank P., Meadville, Pa. Inserted blade cutter. 2,128,571; Aug. 30.
- Miller, Frank P., Meadville, Pa. Inserted cutter blade and mounting therefor. 2,134,140; Oct. 25.
- Miller, Frank P., Meadville, Pa., assignor, by mesne assignments, to Joy Fastener Company. Process and apparatus for making slide fasteners. 2,108,008; Feb. 8.
- Miller, Frank P., and L. Skeel, Meadville, assignors, by mesne assignments, to Joy Fastener Company, Franklin, Pa. Method and apparatus for making slide fasteners. 2,108,007; Feb. 8.
- Miller, Frank P., and L. Skeel, Meadville, Pa., assignors, by mesne assignments, to Joy Fastener Company. Slide fastener. 2,108,009; Feb. 8.
- Miller, Frank P., and E. G. Dornhoffer, assignors to McCroskey Tool Corporation, Meadville, Pa. Tool holder. 2,128,572; Aug. 30.
- Miller, Frank W., Chicago, Ill. Apparatus for washing and refilling boilers. 2,135,407; Nov. 1.
- Miller, Fred C., Los Fresnos, Tex. Dental press for forming wax patterns. 2,130,593; Sept. 20.
- Miller, Frederick B., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,135,141; Nov. 1.
- Miller Fuel Engineering Company. (See Riley, Frank, Jr., assignor.)
- Miller, George A., Jr., Weirsdale, Fla., and W. Miller, G. D. Noble, and E. R. Wills, Philadelphia, Pa. Apparatus for testing cartridges. 2,115,032; Apr. 26.
- Miller, George E., Sacramento, Calif. Hop picking machine. 2,139,029; Dec. 6.
- Miller, George E., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Power transmission mechanism for swinging crane excavators or the like. 2,128,010; Aug. 23.
- Miller, George E., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Reverse drive control mechanism. 2,136,454; Nov. 15.
- Miller, George E., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Safety load holding means. 2,138,386; Nov. 29.
- Miller, George E., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Tractor unit control. 2,139,198; Dec. 6.
- Miller, George F., and R. W. Nilsson, assignors to The Mather Spring Company, Toledo, Ohio. Spring assembly means. 2,116,907; May 10.
- Miller, George W. (See Palmer, H. F., and Miller.)
- Miller H. A. Engineering Corporation. (See Miller, Harry A., assignor.)
- Miller, Harley H., Middletown, Ohio, assignor to The Philip Carey Manufacturing Company. Cabinet mirror unit. 2,130,556; Sept. 20.
- Miller, Harold C., assignor of ten per cent to G. B. Shea, Oakland, twenty per cent to J. W. Weir, Los Angeles, twenty per cent to H. S. Montgomery, and twenty per cent to A. W. Knight, South Pasadena, Calif. Treatment of drill holes. 2,124,495; July 19.
- Miller, Harold W., Charlevoix, Mich. Marine propulsion unit. 2,135,907; Nov. 8.
- Miller, Harry A., assignor to H. A. Miller Engineering Corporation, New York, N. Y. Wheel mounting. 2,114,452; Apr. 19.
- Miller, Harry E., East Cleveland, Ohio. Waist band adjustment for garments. 2,103,175; Feb. 15.
- Miller, Harry G., Denver, Colo. Valve grinding apparatus. 2,127,748; Aug. 23.
- Miller, Harry H., Charleston, W. Va. Tool checking equipment and using the same. 2,132,079; Oct. 4.
- Miller, Harry J., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Container. 2,128,953; Sept. 6.
- Miller, Hattie, et al. (See Wright, Elam W., assignor.)
- Miller, Helene S. (See Miller, J. S., assignor, and Waller.)
- Miller, Henry C. W., Los Angeles, Calif. Protective device for drill pipes. 2,126,405; Aug. 9.
- Miller, Homer D., Canton, Ohio. Aquatic toy. 2,120,151; June 7.
- Miller, Howard A. (See Daubenmeyer, Homer, assignor.)
- Miller, Horace W. (See Hawksworth, D. W., and Miller.)
- Miller, I., & Sons, Inc. (See Miller, Charles, assignor.)
- Miller, I., & Sons, Inc. (See Sutton, John R., assignor.)
- Miller, I., & Sons, Inc. (See Vegessy, John H., assignor.)
- Miller, Ida G., executrix. (See Miller, Charles.)
- Miller, Irven T. (See Elderkin, Clair T., assignor.)
- Miller, J. C., Company. (See Twynning, Vernon J., assignor.)
- Miller, J. C., Company. (See Weissner, Arthur H., assignor.)
- Miller, Jacob C., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Combination dispensing nozzle and meter. 2,123,656; July 12.
- Miller, Jacob C., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Liquid metering and dispensing apparatus. 2,141,925; Dec. 27.
- Miller, Jacob P., New York, and F. Delavan, Woodside, assignors to Empire Fire Equipment Manufacturing Company, Inc., Long Island City, N. Y. Fire Extinguisher. 2,116,319; May 3.
- Miller, James R., Pittsburgh, Pa. Filter. 2,116,537; May 10.
- Miller, James R., Pittsburgh, Pa. Apparatus for purifying lubricating oil. 2,133,359; Oct. 18.
- Miller, James S., and C. R. Waller, Trenton, N. J.; said Miller assignor to L. Friedman, Philadelphia, Pa. Method and means for use in dentistry. 2,119,823; June 7.
- Miller, James S., and C. R. Waller; said Miller assignor to H. S. Miller, Trenton, N. J. Apparatus and process for use in dentistry. 2,119,824; June 7.
- Miller, John, New York, N. Y. Means and method for measuring temperatures. 2,136,055; Nov. 8.
- Miller, John, Pittsburgh, Pa. Packing. 2,118,855; May 31.
- Miller, John H. (See Panther, Eugene V., assignor.)
- Miller, John R., Brewton, Ala. Automatic stapling machine. 2,115,175; Apr. 26.
- Miller, Joseph, North Side, Pittsburgh, Pa. Feeder apparatus for mail sorting machines. 2,132,310; Oct. 4.
- Miller, Jules, Camden, N. J. Reed trimmer. 2,110,050; Mar. 1.
- Miller, Julius. (See Markush, E. A., and Miller.)
- Miller, Julius. (See Markush, E. A., Mayzner, and Miller.)
- Miller, Karl H., Green Bay, assignor to Kimberly Stuart, Neenah, Wis. Method of and apparatus for producing receptacles and the like. 2,136,308; Nov. 8.



- Miller, Lester A. (See Holm, E. S., and Miller.)  
 Miller, Lester A., Fairfield, Iowa. Coupling device. 2,133,558; Oct. 18.  
 Miller, Levi N., Elkhart, Ind. Saw. 2,120,897; June 14.  
 Miller, Lloyd, North Webster, Ind. Vehicle bumper. 2,117,201; May 10.  
 Miller, Louis G. (See Tesseymann, J. E., and Miller.)  
 Miller, Louis G., Bethlehem, Pa., assignor to Bethlehem Steel Company. Car brake. 2,107,761; Feb. 8.  
 Miller, Marguerite, Great Neck, N. Y. Hat. 2,105,002; Jan. 11.  
 Miller, Marvin F. (See Shiffer, W. H., Holm, and Miller.)  
 Miller, Max C., Cumberland, R. I. Knitting machine. 2,126,797; Aug. 16.  
 Miller, Max C., Cumberland, R. I., assignor to Knitting Machines Corporation. Knitting machine. 2,134,727; Nov. 1.  
 Miller, Max W., Newport, Ky. Shoe presser. 2,137,946; Nov. 22.  
 Miller, Merton R., Evanston, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Relay. 2,127,341; Aug. 16.  
 Miller, Merton R., Evanston, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Temperature control system. 2,136,559; Nov. 15.  
 Miller, Michael, Trenton, N. J. Wheel aligning apparatus. 2,133,827; Oct. 18.  
 Miller, Morris, Boonton, N. J. Garment cover machine. 2,136,703; Nov. 15.  
 Miller, Nicholas, La Grange, assignor to Edison General Electric Appliance Company, Chicago, Ill. Temperature control device. 2,130,889; Sept. 20.  
 Miller, Nicholas, La Grange, and R. A. Winborne, Oak Park, assignors to Edison General Electric Appliance Company, Chicago, Ill. Temperature control device. 2,110,674; Mar. 8.  
 Miller, Nikolaus F., Dwight, Ill. Door fly swatter. 2,113,057; Apr. 5.  
 Miller, Nikolaus F., Dwight, Ill. Smoking pipe. 2,134,197; Oct. 25.  
 Miller, Osborn M., assignor of one-half to American Geographical Society, New York, N. Y. Mirror suitable for map plotting devices. 2,121,255; June 21.  
 Miller, Oscar, Denver, Colo. Coin separator. 2,113,797; Apr. 12.  
 Miller, Paul J., administrator. (See Gantvoort, John M., assignor.)  
 Miller, Pearl L., Kokomo, assignor to Kemp Bros. Packing Co., Frankfort, Ind. Switch construction. 2,119,020; May 31.  
 Miller, Pearle N., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,137,726; Nov. 22.  
 Miller, Philip M., and R. B. Miller, Cleveland, Ohio, assignors to Bendix Aviation Corporation, South Bend, Ind. Motor-driven vehicle wheel. 2,111,292; Mar. 15.  
 Miller Printing Machinery Co. (See Sinkovitz, Joseph, assignor.)  
 Miller Printing Machinery Company. (See Sinkovitz, J., and Saul, assignors.)  
 Miller Printing Machinery Co. (See Upham, Burt F., assignor.)  
 Miller, Ralph. (See Hixson, A. W., and Miller.)  
 Miller, Ralph K. (See Getchell, R. M., and Miller.)  
 Miller, Ralph L., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,117,739; May 17.  
 Miller, Raymond E. (See Farmer, C. C., and Miller.)  
 Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,109,163; Feb. 22.  
 Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,140,625; Dec. 20.  
 Miller, Richard B. (See Miller, Philip M. and R. B.)  
 Miller, Richard B., assignor, by mesne assignments, of fifty percent to B. Miller, Cleveland Heights, Ohio, and fifty percent to F. R. Miller, Brooklyn, N. Y. Automobile wheel. 2,110,808; Mar. 8.  
 Miller, Robert C., Unfuntown, Pa. Aeroplane seat structure. 2,106,985; Feb. 1.  
 Miller, Robert E., Bronxville, N. Y. Tufting button. 2,124,859; July 26.  
 Miller, Robert E., Bronxville, N. Y. Furniture leg shoe. 2,135,945; Nov. 8.  
 Miller, Robert J., and M. C. Dunrud, Chicago, Ill.; said Dunrud assignor to said Miller. Butter dispenser. 2,140,242; Dec. 13.  
 Miller, Robert W., Denver, Colo. Animal trap. 2,123,789; July 12.  
 Miller, Royal R., assignor of one-half to R. J. Gits, Chicago, Ill. Oscillating drive transmission. 2,124,115; July 19.  
 Miller, Royal R., Detroit, Mich., assignor of one-half to R. J. Gits, Chicago, Ill. Washing machine. 2,138,501; Nov. 20.  
 Miller, Rudolph W., Winona, Minn. Lubricator locating device. 2,139,692; Dec. 13.  
 Miller, Samuel C. (See Sonkin, Samuel, assignor.)  
 Miller, Samuel M. D., Detroit, Mich. Pedal attachment. 2,133,393; Oct. 18.  
 Miller Sand Pump Company. (See Baker, Curt, assignor.)  
 Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Apparatus for coating interior surfaces of tubular structures. 2,140,298; Dec. 13.  
 Miller, Sidney E., Bloomfield, N. J., assignor to General Electric Company. Heat exchange unit. 2,110,024; Mar. 1.  
 Miller, Sidney E., Bloomfield, N. J., assignor to General Electric Company. Method of and apparatus for humidifying. 2,112,041; Mar. 22.  
 Miller, Starks L., assignor to American Ball-Mill Company, Denver, Colo. End liner for grinding mills. 2,128,468; Aug. 30.  
 Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Refining process. 2,124,860; July 26.  
 Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Protection of pipes. 2,127,694; Aug. 23.  
 Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Flexible interlocking shingle. 2,127,695; Aug. 23.  
 Miller, Stuart P., Scarsdale, and M. L. Hamlin, Lynbrook, assignors to The Barrett Company, New York, N. Y. Shingle. 2,111,798; Mar. 22.  
 Miller, Swift, Wauwatosa, assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Carpet sweeper. 2,121,880; June 28.  
 Miller, Theodore H., Portland, Ore. Forming end grain flooring. 2,104,307; Jan. 4.  
 Miller, Thomas, Brooklyn, N. Y. Screw driver and socket wrench attachment. 2,108,344; Feb. 15.  
 Miller, Thomas T., assignor of five-twelfths to A. J. Bair, Peoria, Ill. Aging whisky. 2,108,317; Feb. 15.  
 Miller, Victor A., and C. S. Olson, Duluth, Minn. Surface condenser. 2,111,867; Mar. 22.  
 Miller, Walter H., South Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record resurfacing tool. 2,137,621; Nov. 22.  
 Miller, Walter J., New York, N. Y. Linotype squirt guard. 2,130,308; Sept. 13.  
 Miller, Warren S. (See Knox, W. H., Jr., and Miller.)  
 Miller, Wayland R., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Unit ventilator control system. 2,106,898; Feb. 1.  
 Miller, William, et al. (See Cooper, George W., assignor.)  
 Miller, William. (See Miller, G. A., Jr., and W., and Noble and Wills.)  
 Miller, William C., and A. L. Abbott, assignors to Diebold Safe & Lock Co., Canton, Ohio. Money drawer and locker. 2,105,983; Jan. 18.  
 Miller, William J., Swissvale, Pa. Process and installation for making pottery. 2,109,028; Feb. 22.  
 Miller, William J., Swissvale, Pa. Method and apparatus for manufacturing pottery ware. 2,124,204; July 19.  
 Miller, William J., Swissvale, and A. Reek, Carrick, Pa.; said Reek assignor, by mesne assignments, to said Miller. Apparatus for manufacturing pottery ware. 2,114,254; Apr. 12.  
 Miller, William M., Omaha, Nebr. Spinning wheel. 2,123,285; July 12.  
 Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,125,684; Aug. 2.  
 Millett, John E. (See Sackner, W. E., and Millett.)  
 Millett, John E., assignor to Grand Rapids Fibre Cord Co., Grand Rapids, Mich. Open-mesh bag. 2,128,658; Aug. 30.  
 Millican, Roy E., Dallas, assignor to L. R. Munger, trustee, Dallas County, Tex. Power transmission. 2,135,908; Nov. 8.  
 Millie Patent Holding Co. (See Ingram, Walter M., assignor.)  
 Milligan, Charles H., Westfield, assignor to The American Agricultural Chemical Company, Newark, N. J. Production of monocalcium phosphate. 2,121,208; June 21.  
 Milligan, Joseph H., Boston, Mass. Lock. 2,119,866; June 7.  
 Milligan, Lowell H., and R. H. Lombard, assignors to Norton Company, Worcester, Mass. Article of ceramic bonded abrasive material and making the same. 2,132,005; Oct. 4.  
 Miliken, Alma D., Rye, N. Y. Tissue face towel. 2,113,431; Apr. 5.  
 Miliken, Frank H., assignor to The Ideal Electric and Manufacturing Company, Mansfield, Ohio. Slip frequency relay. 2,104,664; Jan. 4.  
 Miliken, Humphreys, Montreal, Quebec, Canada. System for operating alternating current switchboard instruments. 2,132,170; Oct. 4.  
 Miliken, Mahlon G., assignor to Hercules Powder Company, Wilmington, Del. Production of cellulose esters. 2,105,609; Jan. 18.  
 Millington, Paul E., Milwaukee, Wis., assignor to F. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of amines. 2,112,970; Apr. 5.  
 Mills, Earl R., Kansas City, Kans. Safety type fuse assembly. 2,117,346; May 17.  
 Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,111,129; Mar. 15.  
 Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,111,121; Mar. 15.



- Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Card feeding mechanism. 2,120,369; June 14.
- Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,131,918; Oct. 4.
- Mills, Albert W., Endicott, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,111,122; Mar. 15.
- Mills, Albert W., Endicott, E. J. Rabenda, Binghamton, and F. J. Furman, Vestal, assignors to International Business Machines Corporation, New York, N. Y. Record controlled printing machine. 2,131,919; Oct. 4.
- Mills Alloys, Inc. (See Marvin, Orrin F., assignor.)
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Apparatus for conditioning air. 2,119,338; May 31.
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Amusement apparatus. 2,119,340; May 31.
- Mills, Edmund G., Newton, Mass. Colostomy appliance. 2,117,621; May 17.
- Mills, Eugene C., Berkeley, Calif. Converting gaseous hydrocarbons into liquid hydrocarbons. 2,139,969; Dec. 13.
- Mills, Herbert E. (See Sherman, A. G., and Mills.)
- Mills, John, Jr., Auburn, Wash. Exhaust nozzle. 2,122,211; June 28.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Insecticidal compositions. 2,121,038; June 21.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Insecticidal compositions comprising dinitro-cresols. 2,121,039; June 21.
- Mills, Lindley E., F. B. Smith, and J. Livak, assignors to The Dow Chemical Company, Midland, Mich. Polynitro compounds of 3-cyclohexyl-phenol. 2,123,854; July 12.
- Mills, Lindley E., and W. W. Allen, assignors to The Dow Chemical Company, Midland, Mich. Mothproofing fabrics. 2,128,189; Aug. 23.
- Mills, Lindley E., and W. W. Allen, assignors to The Dow Chemical Company, Midland, Mich. Mothproofing agent. 2,134,001; Oct. 25.
- Mills, Louis D., and T. B. Crowe, Palo Alto and J. C. Haun, assignors to The Merrill Company, San Francisco, Calif. Recovery of precious metals. 2,111,600; Mar. 22.
- Mills, Louis D., T. B. Crowe, Palo Alto, and J. C. Haun, assignors to The Merrill Company, San Francisco, Calif. Metallurgical cyanide process. 2,112,298; Mar. 29.
- Mills, Louis D., and T. B. Crowe, Palo Alto, and J. C. Haun, assignors to The Merrill Company, San Francisco, Calif. Oil treatment process. 2,112,299; Mar. 29.
- Mills, Louis D., and T. B. Crowe, Palo Alto, assignors to The Merrill Company, San Francisco, Calif. Cyanide system. 2,140,591; Dec. 20.
- Mills Novelty Company. (See Mills, Bert E., assignor.)
- Mills Novelty Company. (See Smith, James T., assignor.)
- Mills Novelty Company. (See Trask, Allen, assignor.)
- Mills Novelty Company. (See Wahl, John C., assignor.)
- Mills, Robert K. (See Jones, T. H., and Mills.)
- Mills, Robert K., Sherwood, Nottingham, assignor to Hosiery Developments Limited, Nottingham, England. Knitted fabric. 2,123,116; July 5.
- Mills, Theodore R., Niagara Falls, N. Y., assignors to Daval Manufacturing Company, Chicago, Ill. Corn popping machine. 2,113,091; Apr. 5.
- Mills, Thomas J., and C. G. Quick, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Cutting, folding, and stapling mechanism for use with printing machines. 2,137,978; Nov. 22.
- Mills, Victor, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Making milled toilet soap. 2,133,666; Oct. 18.
- Millward, Sidney W., assignor to Elson & Robbins Limited, Long Eaton, near Nottingham, England. Spring assembly for seating and the like. 2,122,531; July 5.
- Millward, William, Pittsburgh, Pa. Making ore dust briquettes. 2,133,751; Oct. 18.
- Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Packaging machine. 2,116,607; May 10.
- Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Package and packaging. 2,128,755; Aug. 30.
- Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Feed mechanism. 2,135,090; Nov. 1.
- Milmore, Oswald H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Separating high molecular mixtures. 2,130,147; Sept. 13.
- Milner, Cobb, assignor to Cotswold Comfortable Company, Syracuse, N. Y. Quilting apparatus. 2,119,341; May 31.
- Milner, Harry L., Gotherington, England. Variable or controllable pitch airscrew. 2,117,674; May 17.
- Milner, Lee, Portsmouth, Va. Spirit level. 2,130,647; Sept. 20.
- Milnes, Tom, Lachute Mills, Quebec, Canada. Apparatus for manufacturing woven drier felts. 2,133,034; Oct. 11.
- Milprint Products Corporation. (See Hanson, R. E., and Prostad, assignors.)
- Milprint Products Corporation. (See Piazze, Thomas E., assignor.)
- Milton, George R., Arp, Tex., assignor to Sinclair Prairie Oil Company, Tulsa, Okla. Welding clamp. 2,127,828; Aug. 23.
- Milton, John K., and C. Young, Chicago, Ill.; said Young assignor to said Milton. Seesaw apparatus. 2,113,488; Apr. 5.
- Milton, John L., et al. (See Bailey, Joseph W., assignor.)
- Milwaukee Gas Specialty Company. (See Hildebrecht, Charles V., assignor.)
- Milwaukee Gas Specialty Company. (See Leins, Oscar J., assignor.)
- Milwaukee Gas Specialty Company. (See Steffen, Elmer G., assignor.)
- Milwaukee Gas Specialty Company. (See Thornbery, J. H., and Mantz, assignors.)
- Milwaukee Gas Specialty Company. (See Wetzel, Theodore A., assignor.)
- Milwaukee Lace Paper Company. (See Hamilton, Kenneth C., assignor.)
- Milwaukee Reliance Boiler Works. (See Sharp, Richard A., assignor.)
- Milwaukee Saw Trimmer Corporation. (See Billker, F. W., and Ball, assignors.)
- Mimee, Frederick W., assignor to E. M. Fletcher and L. M. Kennedy, Hamilton, Ontario, Canada. Dispenser for ice cream cones. 2,118,321; May 24.
- Mims, Con, et al. (See Neff, Asa J., assignor.)
- Mims, Douglas K., D. C. E. Leonard, and J. V. Jamison, Jr., assignors to Jamison Cold Storage Door Co., Hagerstown, Md. Flexible curtain for doorways. 2,122,532; July 5.
- Mims, Ed, et al. (See Neff, Asa J., assignor.)
- Minaker, Herbert L., and L. Yarwood, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Apparatus for drying cans. 2,142,001; Dec. 27.
- Minassian, Frederic S., assignor of thirty percent to J. T. Basseches, New York, N. Y. Safety razor and blade therefor. 2,120,940; June 14.
- Mine Safety Appliances Company. (See Dym, Joseph B., assignor.)
- Mine Safety Appliances Company. (See Jacobson, Moses G., assignor.)
- Mine Safety Appliances Company. (See Price, Stanley D., assignor.)
- Mine & Smelter Supply Co., The, et al. (See Weing, Arthur J., assignor.)
- Minella, Angelo, Boston, Mass. Fitting. 2,141,797; Dec. 27.
- Miner, Carl S., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Making fondant. 2,129,859; Sept. 13.
- Miner, Irving O., assignor to Brown & Sharpe Manufacturing Company, Providence, R. I. Motor control. 2,119,715; June 7.
- Miner, James H., Meridian, Miss. Refrigerator. 2,136,145; Nov. 8.
- Miner, James S. (See Miner, William E. and J. S.)
- Miner, John A., St. Louis, assignor to C. A. Hahn, Kirkwood, Mo., as trustee. Recovery process for gold and other metals. 2,126,798; Aug. 16.
- Miner, John H., St. Louis County, Mo., assignor, by mesne assignments, to Roesch Porcelain Construction, Inc., Belleville, Ill. Supporting structure for porcelain enameled pans. 2,139,322; Dec. 6.
- Miner, John H., St. Louis County, Mo., assignor to Roesch Porcelain Construction, Inc., Belleville, Ill. Prefabricated building. 2,142,060; Dec. 27.
- Miner, Keith H. (See Meller, L. J., and Miner.)
- Miner, W. H., Inc. (See Dentler, Arnold E., assignor.)
- Miner, W. H., Inc. (See Dwyer, William M., assignor.)
- Miner, W. H., Inc. (See Fuchs, Henry, assignor.)
- Miner, W. H., Inc. (See Haseltine, Stacy E., assignor.)
- Miner, W. H., Inc. (See Lindeman, Lewis E., assignor.)
- Miner, W. H., Inc. (See Link, John H., assignor.)
- Miner, W. H., Inc. (See Lounsbury, Harvey J., assignor.)
- Miner, W. H., Inc. (See Olander, Roland J., assignor.)
- Miner, William E., Meridian, Miss., and J. S. Miner, Shreveport, La., assignors to Simonds Saw and Steel Co., Worcester County, Mass. Saw. 2,122,196; June 28.
- Mineralized-Cell Wood Preserving Company. (See Clapshaw, Myron M., assignor.)
- Minerals Separation North American Corporation. (See Wilkinson, Elftoft W., assignor.)
- Mini, William A., Chicago, Ill. Shears sharpening machine. 2,111,868; Mar. 22.
- Minich, Arthur, Newark, N. J., assignor to Nuodex Products Co., Inc. Substantially insoluble ink drier and producing the same. 2,116,321; May 3.
- Minich, John, Buffalo, N. Y. Electrically operated valve for bathtubs. 2,133,174; Oct. 11.
- Minich, Verne E., Mishawaka, assignor to The American Foundry Equipment Company, St. Joseph, Ind. Low pressure abrasive blast system. 2,108,545; Feb. 15.
- Minich, Verne E., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Apparatus for surface treating metal articles. 2,132,311; Oct. 4.
- Minier, William, Milo Township, Bureau County, Ill. Culvert cleaner and post hole digger. 2,132,795; Oct. 11.



- Mining Engineering Company Limited, The. (See Moore, Matthew S., assignor.)
- Mining Process and Patent Company. (See Denny, J. J., and Daman, assignors.)
- Minister, George C., Columbus, Ohio, assignor to The Josten Manufacturing Co., Owatonna, Minn. Ring bending mechanism. 2,141,010; Dec. 20.
- Mink, Leon D. (See Parsons, C. H., and Mink.)
- Mink, Solomon J., New York, N. Y. Dental correlator. 2,138,254; Nov. 29.
- Minkel, Frank J., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Safety fixture. 2,140,477; Dec. 13.
- Minkewitz, William J., Salem, Oreg. Egg separator. 2,130,964; Sept. 20.
- Minkler, William A. (See Smith, L. R., and Minkler.)
- Minkoff, Gregoire. (See Stanley, H. M., Youell, and Minkoff.)
- Minkow, Robert, assignor to Hobbs Sales & Service Station, Inc., New York, N. Y. Form separator. 2,107,206; Feb. 1.
- Minkowitz, George, New York, N. Y. Button hole stitching attachment. 2,119,111; May 31.
- Minneapolis-Honeywell Regulator Company. (See Benjamin, Merrill G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Cotea, Lester D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Cunningham, Lewis L., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Cunningham, L. L., and Nessell, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Denison, Frederick S., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Edmondson, William H., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Fillo, Francis B., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Fisher, George H., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Gauger, Frank A., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Gille, Willis H., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Grant, Arthur C., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Haines, John E., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Hajek, William J., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Joesting, Frederick D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kelly, Hugh, assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kingsland, George D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kriebbaum, John P., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kronmiller, Carl G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kuempel, Leon L., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Laing, Gordon F., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Magner, Philip G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Matern, Raymond P., assignor.)
- Minneapolis-Honeywell Regulator Company. (See McGrath, William L., assignor.)
- Minneapolis-Honeywell Regulator Company. (See McNicoll, Andrew G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Miller, Ernest M., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Miller, Wayland R., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Nessell, Clarence W., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Robb, Joseph E., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Shipley, Sylvanus C., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Shivers, Paul F., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Sparrow, Hubert T., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Turner, John, assignor.)
- Minnecl, Salvatore, and L. F. Blume, Pittsfield, Mass., assignors to General Electric Company, New York, N. Y. Step regulator. 2,116,403; May 3.
- Minnesota Appliance Corporation. (See McElroy, I. E., and Shadrack, assignors.)
- Minnesota Mining & Manufacturing Company. (See Drew, Richard G., assignor.)
- Minnesota Mining & Manufacturing Company. (See Halpin, George H., assignor.)
- Minnick, Frederick L., assignor to Mephisto Quartz Mill Co., Spokane, Wash. Quartz mill. 2,126,406; Aug. 9.
- Minor, Burt S., San Pedro, Calif., assignor to Regan Forge & Engineering Company. Method and apparatus for suspending and sealing well casings. 2,134,311; Oct. 25.
- Minor, Henry K., assignor to Industrial Process Corporation, Dayton, Ohio. Making sponge rubber. 2,109,676; Mar. 1.
- Minorsky, Nicolai, Paris, France, assignor to Radio Corporation of America. Electron discharge tube system. 2,137,299; Nov. 22.
- Minshall, Robert J. (See Hughes, E. A., and Minshall.)
- Minster Machine Company, The. (See Wissman, Reuben E., assignor.)
- Mintert, Henry J., and J. B. Tate, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Box dumping machine. 2,119,596; June 7.
- Minton, Edward A., Appleton, Wis. Printer's clamp. 2,110,810; Mar. 8.
- Minton, Wilbur R., Sidney, Ohio. Display rack. 2,128,493; Aug. 30.
- Minty, John E., Muskegon, Mich., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Drop pit apparatus. 2,111,917; Mar. 22.
- Mintz, Abraham, Madison, Wis. Combined desk and chair. 2,115,497; Apr. 26.
- Mintz, Alexander, New York, N. Y. Measuring dispenser. 2,126,569; Aug. 9.
- Mintz, Henry A., Norwood, Mass. Press for watch crystals. 2,128,659; Aug. 30.
- Mintz, Louis, Cleveland, Ohio. Venetian blind. 2,132,991; Oct. 11.
- Miöen, Ole. (See Nygaard, J. O., and Miöen.)
- Miracle Household Appliance Corporation et al. (See Taxay, Julius, assignor.)
- Miracle Paint Rejuvenator Company. (See Schletz, Fred A., assignor.)
- Miravalle, John J. (See Roberson, Samuel D., assignor.)
- Mirfield, George E., Youngstown, Ohio, assignor to C. L. Hill, Tacoma, Wash. Steering apparatus. 2,112,504; Mar. 29.
- Mirfield, George E., assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Method of and apparatus for welding pipe. 2,116,405; May 3.
- Mirick, Carlos B., Washington, D. C. System for locating the position of movable objects. 2,133,303; Oct. 18.
- Mirk, Paul, New York, N. Y. Sanitary cover for food pans. 2,118,099; May 24.
- Mirocourt, Henry, Sotteville-les-Rouen, and M. G. Jirou, Rouen, assignors to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies Etablissements Kuhlmann, Paris, France. Disazo dyestuffs and manufacture. 2,137,498; Nov. 22.
- Mirow, Lothar, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regenerative braking system. 2,117,900; May 17.
- Mirus-Leuschner, Kurt, assignor to General Motors Corporation, Detroit, Mich. Door weather strip. 2,140,844; Dec. 20.
- Mischelevich, Benjamin. (See Agnew, N. F., and Mischelevich.)
- Mirz, Emerich A., Chicago, Ill. Bottle breaking tool. 2,138,931; Dec. 6.
- Misewicz, Walter J., and F. J. Kaminski, Worcester, Mass. Muffler. 2,117,973; May 17.
- Mishawaka Rubber and Woolen Manufacturing Company. (See Bodle, John P., assignor.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Hunt, Ray R., assignor.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Schott, John F., assignor.)
- Mishcon, Samuel. (See Agulnek, Harry, assignor.)
- Mishelevich, Benjamin. (See Agnew, N. F., and Mischelevich.)
- Mishelevich, Benjamin, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electromagnetic device. 2,120,339; June 14.
- Mishelevich, Benjamin, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,124,626; July 26.
- Mishelevich, Benjamin, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Ground detecting apparatus. 2,131,386; Sept. 27.
- Mishelevich, Benjamin, Pittsburgh, and E. Lazich, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Holding means for instruments. 2,132,992; Oct. 11.
- Miskella, William J., Cincinnati, Ohio, assignor to The Globe Wernicke Co., Bag. 2,126,203; Aug. 9.
- Miskovsky, Anton. (See Zimic, M., and Miskovsky.)
- Mission Springs Water Company. (See Peach, Oliver F., assignor.)
- Mistrett, Joseph, Buffalo, N. Y. Carrier for storage batteries. 2,137,922; Nov. 22.
- Misurmen, Louis J., Glendale, Calif. Electric erasing machine. 2,123,339; July 12.
- Mitchel, Charles F., assignor to Rastlan Brothers Company, Rochester, N. Y. Name plate fastening means. 2,120,058; June 7.
- Mitchel, Edward W., Detroit, Mich. Nut and making same. 2,127,696; Aug. 23.



- Mitchell, Willard E., Great Falls, Mont., assignor to Anaconda Copper Mining Company, New York, N. Y. Metal handling. 2,119,112; May 31.
- Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Method and apparatus for the manufacture of upholstery. 2,132,429; Oct. 11.
- Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Method and apparatus for manufacture of upholstery trim panels. 2,140,711; Dec. 20.
- Mitchell, Arthur B., La Grange, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Dampening mechanism for printing presses. 2,118,517; May 24.
- Mitchell Camera Corporation. (See Hoffmann, Louis B., assignor.)
- Mitchell, Charles M., Bath, Maine. Vent valve. 2,113,454; Apr. 5.
- Mitchell, Courtney N., Strongsville, Ohio. Connection for door closers. 2,110,889; Mar. 15.
- Mitchell, Courtney N., Strongsville, Ohio. Hydraulic check. 2,121,814; June 28.
- Mitchell, Courtney N., Berea, Ohio. Internal combustion engine. 2,121,813; June 28.
- Mitchell, Courtney N., Berea, Ohio. Charge forming device. 2,138,038; Nov. 29.
- Mitchell, Curtis P., Springdale, assignor to The Palmer Company, Cincinnati, Ohio. Electrical reproducing device. 2,127,448; Aug. 16.
- Mitchell, Donald C. (See Sessions, R. L., and Mitchell.)
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Control device. 2,108,408; Feb. 15.
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Indicating and control apparatus. 2,114,067; Apr. 12.
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Radio receiving set. 2,130,243; Sept. 13.
- Mitchell, Doren. (See Kendall, B. W., and Mitchell.)
- Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Privacy system. 2,129,860; Sept. 13.
- Mitchell, Doren, Bound Brook, N. J., assignor to American Telephone and Telegraph Company. Two-way signaling system. 2,132,180; Oct. 4.
- Mitchell, Douglas, and C. A. Wyeth, assignors to American Radio Hardware Co. Inc., New York, N. Y. Tong for removing radio tubes from chassis. 2,124,039; July 19.
- Mitchell, Earl A., Newton, assignor of one-third to D. Gregson, Montezuma, Iowa. Electricity theft prevention device. 2,117,565; May 17.
- Mitchell, Earle A., Hastings-on-Hudson, assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Electric cable. 2,135,985; Nov. 8.
- Mitchell, Frank A., London, and L. J. Simon, Barking, Essex, assignors to Electric & Musical Industries Limited, Middlesex, England. Apparatus for playing a ball game. 2,126,570; Aug. 9.
- Mitchell, Harley L., assignor of one-half to R. N. Horany, Olney, Tex. Self-lubricating stuffing box. 2,136,860; Nov. 15.
- Mitchell, Harold S., assignor to Industrial Patents Corporation, Chicago, Ill. Stabilization of oleo oil. 2,113,216; Apr. 5.
- Mitchell, Harold U., Medford, Oreg. Spray gun container holder. 2,122,533; July 5.
- Mitchell, Henry C. (See Watson, H. G., and Mitchell.)
- Mitchell, Henry W., assignor to Emil A. Stromberg, Chicago, Ill. Hydrometer. 2,110,450; Mar. 8.
- Mitchell, Henry W., assignor to E. A. Stromberg, Chicago, Ill. Sub-atmospheric pressure indicating instrument. 2,111,221; Mar. 15.
- Mitchell, Hollis F., assignor of twelve per cent to W. M. Clark, twenty-eight per cent to W. Emrich, Jr., and eight per cent jointly to W. M. Clark and W. Emrich, Jr., Indianapolis, Ind. Fountain paint brush device. 2,126,999; Aug. 16.
- Mitchell, Hollis F., assignor of twelve per cent to W. M. Clark, and twenty-eight per cent to W. Emrich, Jr., and eight per cent jointly to W. M. Clark and W. Emrich, Jr., Indianapolis, Ind. Fountain paint brush. 2,127,000; Aug. 16.
- Mitchell, Isaac A., Brooklyn, N. Y. Radio circuit. 2,136,704; Nov. 15.
- Mitchell, James A., Indianapolis, Ind. Powder and puff box. 2,122,350; June 28.
- Mitchell, James G., Handsworth, Birmingham, assignor of one-half to Evered & Company Limited, Smethwick, England. Door hinge. 2,126,127; Aug. 9.
- Mitchell, James M., Old Lyme, Conn. Animal trap. 2,107,080; Feb. 1.
- Mitchell, Jess, St. Louis, Mo. Air conditioning device. 2,134,881; Nov. 1.
- Mitchell, John H., Rugby, England, assignor to General Electric Company. Gaseous electric discharge lamp. 2,135,726; Nov. 8.
- Mitchell, John R., Dallas, Tex., assignor, by mesne assignments, to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Automatic phonograph. 2,132,993; Oct. 11.
- Mitchell, Joseph J., Los Angeles, Calif. Fraud preventing mechanism for game apparatus. 2,119,867; June 7.
- Mitchell, Lewis E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Automatic belt aligning idler. 2,109,925; Mar. 1.
- Mitchell, Lorin E., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Metal tube lead-in bushing. 2,106,394; Jan. 25.
- Mitchell, Newell W. (See Crampton, D. K., and Mitchell.)
- Mitchell, Orville, Dallas, Tex. Cotton cleaning cylinder. 2,109,888; Mar. 1.
- Mitchell, Percival H., Toronto, Ontario, Canada. Reflector for street and highway lighting. 2,140,646; Dec. 20.
- Mitchell-Rand Manufacturing Company. (See Lawrence, J. T., and Hartman, assignors.)
- Mitchell, Richard K. (See Paolucci, Carl J., assignor.)
- Mitchell, Robert, Detroit, Mich. Anvil for stapling machines. 2,123,609; July 12.
- Mitchell, Robert C., near Edmonds, Wash. Dispensing device for cartons. 2,115,033; Apr. 26.
- Mitchell, Robert, Company, The. (See Woelfel, Harold M., assignor.)
- Mitchell, Robert W., Westmount, Quebec, Canada. Welding machine. 2,110,632; Mar. 8.
- Mitchell, Robert W., Allentown, Pa. Shaping and smoking meats. 2,133,667; Oct. 18.
- Mitchell, Rollie H., Walnut Park, Calif., assignor, by mesne assignments, to Killefer Manufacturing Corporation. Direct connect implement. 2,140,712; Dec. 20.
- Mitchell, Rollie H., and O. W. Sjogren, Huntington Park, and E. F. Wadleton, Los Angeles, assignors to Killefer Manufacturing Corporation, Los Angeles, Calif. Disk mounting. 2,135,192; Nov. 1.
- Mitchell, Roscoe A., Laredo, assignor of one-half to G. B. Bancroft, San Antonio, Tex. Packing box and underreamer. 2,141,111; Dec. 20.
- Mitchell, Thomas A., Inglewood, Calif., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Treatment of lead bearing ores and the preparation of compounds therefrom. 2,134,528; Oct. 25.
- Mitchell, Walter, Norton-On-Tees, England, assignor to Imperial Chemical Industries, Limited. Condensation. 2,134,528; Oct. 25.
- Mitchell, Waymon M. (See Sparks, Uvalda, assignor.)
- Mitchell, Winfred M., and E. E. Huffman, Rome, Ga., assignors to Tubize Chatillon Corporation. Bleaching viscose yarn on aluminum bobbins. 2,113,453; Apr. 5.
- Mitchem, H. A., et al. (See Fleak, Glen D., assignor.)
- Mitsubishi Jukogyo Kabushiki, Kaisha. (See Sugihara, Shuichi, assignor.)
- Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Starting of thyatron motors. 2,130,890; Sept. 20.
- Mitton, Glenn T., Toronto, Ontario, Canada. Denture brush. 2,129,306; Sept. 6.
- Mitton, William E., Shawano, Wis. Apparatus for sterilizing food products. 2,141,089; Dec. 20.
- Mix, Edwin S., assignor to Hickock Manufacturing Company, Inc., Rochester, N. Y. Cuff link. 2,123,790; July 12.
- Mix & Genest Aktiengesellschaft. (See Heyduck, Alfred, assignor.)
- Mixer, Harold P., Frankfurt, assignor to Remington Rand Inc., Buffalo, N. Y. Rotary switch. 2,108,777; Feb. 15.
- Mixing Equipment Co. (See Bissell, Everett S., assignor.)
- Miyachi, Chuji, Tokyo, Japan, assignor to General Electric Company. Electric discharge device. 2,141,312; Dec. 27.
- Mizer, George A., Hinsdale, Ill., assignor of one-half to B. V. Zillman, St. Louis, Mo. Safety pin. 2,132,038; Oct. 4.
- Mizuta, Masakichi, Marunouchi, Kojimachiku, Tokyo, and T. Yoshimura, Okubo, Kashiwazaki-Machi, Kariha-gun, Niigata-ken, assignors to Nippon Sekiyu Kabushiki Kaisha, Tokyo, Japan. Method of refining cracked oil by using metallic soaps of naphthenic acid. 2,131,519; Sept. 27.
- Madinich, Thomas C., New York, N. Y. Sewing machine for fur and the like. 2,104,807; Jan. 11.
- Mnookin, Nathan M. (See Speas, V. E., and Mnookin.)
- Mnookin, Nathan M., Kansas City, Mo. Phenolic condensation product and making same. 2,139,418; Dec. 6.
- Mnookin, Nathan M., Kansas City, Mo., assignor to Synthetic Products, Inc. Production of glycols. 2,130,891; Sept. 20.
- Mnookin, Nathan M., and V. E. Speas, Kansas City, Mo. Effecting solution of lead arsenate. 2,108,563; Feb. 15.
- Moat, Harry L., assignor to Atlas Powder Company, Wilmington, Del. Identification tag. 2,134,002; Oct. 25.
- Mobilium Products, Inc. (See Prosen, Emil M., assignor.)
- Mobley, Loyd M., Akron, Ohio. Dispensing spool for adhesive tape or the like. 2,138,979; Dec. 6.
- Mobley, R. T., Midland, Tex. Pipe gripping means for rotary apparatus. 2,132,747; Oct. 11.
- Mocharnuk, John, assignor of one-half to D. C. Fisher, Mcamey, Tex. Citrous fruit juice extractor. 2,142,002; Dec. 27.
- Mock, Frank C., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,109,298; Feb. 22.
- Mock, Frank C., Montclair, N. J., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,118,220; May 24.
- Mock, Hugo, New York, N. Y. Collapsible tube. 2,108,689; Feb. 15.



- Mock, James C., Detroit, Mich., assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,134,982; Nov. 1.
- Mock, Walter W., Rutherford, N. J., assignor to Interchemical Corporation, New York, N. Y. Intaglio printing ink. 2,139,242; Dec. 6.
- Mockler, Martin P. (See McGillicuddy, F. E., and Mockler.)
- Model, Harry, et al. (See Segal, Samuel, assignor.)
- Modern Equipment Company. (See Goldberg, M. W., and Drissen, assignors.)
- Modern Equipment Corporation. (See Myers, Don D., assignor.)
- Modesse, Albert, Brussels, Belgium. Altitude power regulating device for explosion and combustion motors. 2,115,644; Apr. 26.
- Modin, Carl A. B., Fanny Bay, British Columbia, Canada. Saw and saw collar. 2,111,986; Mar. 22.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heating and ventilating apparatus. Re. 20,669; Mar. 15.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heating apparatus. 2,141,873; Dec. 27.
- Modine Manufacturing Company. (See Jepertinger, Richard C., assignor.)
- Modine Manufacturing Company. (See Modine, Arthur B., assignor.)
- Modjeski, Charles E. J., Philadelphia, Pa. Telephone signal. 2,132,488; Oct. 11.
- Modlin, Elmer D., Litchfield, Ill. Shoe heel. 2,122,108; June 28.
- Moe, Peder. (See Thompson, Sigurd, assignor.)
- Moe, William W. (See Schwartz, R. D., Moe, and Hartley.)
- Moeker, Arnold, Homewood, Ill., assignor to American Stove Company, St. Louis, Mo. Holding range top covers in open and closed positions. 2,124,258; July 19.
- Moeger, Kurt, Berlin, Germany, assignor to General Electric Company. Measuring instrument. 2,123,376; July 12.
- Moeller, Albert W. R. J. (See Altemus, J. D., and Moeller.)
- Moeller, Carl A., Randolph, Mass., assignor to M. R. and C. L. Clafl, trustees. Die for the production of box blanks. 2,127,131; Aug. 16.
- Moeller, Otto, Brooklyn, assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker mechanism. 2,119,750; June 7.
- Moen, Helmer C., St. Paul, Minn. Battery lifting and carrying device. 2,112,923; Apr. 5.
- Moen, Ingman, Omaha, Nebr. Vehicle traction wheel. 2,140,845; Dec. 20.
- Moffat, Albert S., Watertown, assignor to H. C. Wheeler, Boston, Mass. Heating device for curls. 2,141,759; Dec. 27.
- Moffatt, Ralph McC., Pittsburgh, Pa., assignor to Aluminum, Inc. Recovering alumina and potash from aluminous ores. 2,134,793; Nov. 1.
- Moffatt, William H., Bergen County, N. J., assignor to R. M. Kristal, New York, N. Y. Hook coupling. 2,140,164; Dec. 13.
- Moffett, Edwin G., Mobile, Ala. Portable surface grinding machine. 2,109,827; Mar. 1.
- Moffett, Eugene W. (See Gebauer-Fuelnegg, E., and Moffett.)
- Moffett, Eugene W. (See Gebauer-Fuelnegg, E., Moffett, and Kratz.)
- Moffett, Eugene W. (See Kratz, E. M., Moffett, and Gebauer-Fuelnegg.)
- Moffett, Eugene W. (See Winkelmann, H. A., and Moffett.)
- Moffett, Eugene W. (See Winkelmann, H. A., Moffett, and Calvert.)
- Moffett, Eugene W., and H. A. Winkelmann, Chicago, Ill., and F. E. Williams, Gary, Ind., assignors to Marbon Corporation. Plant and process for manufacturing rubber hydrochloride. 2,138,932; Dec. 6.
- Moffitt Automatic Lock Company Limited, The. (See Moffitt, Duncan D. M., assignor.)
- Moffitt, Duncan D. M., Arapito, Westport, assignor to The Moffitt Automatic Lock Company Limited, Westport, New Zealand. Lock. 2,106,955; Feb. 1.
- Möglich, Otto. (See Marx, F., and Möglich.)
- Mogren, Norman, North St. Paul, Minn. Exercising device. 2,134,451; Oct. 25.
- Mohawk Equipment Corporation. (See Caldwell, Edwin D., assignor.)
- Mohel, Jesse, assignor to Mohel & Marlo, Inc., New York, N. Y. Jewelry. 2,126,968; Aug. 16.
- Mohel & Marlo, Inc. (See Mohel, Jesse, assignor.)
- Mohler, Ernest E., assignor to Anderson Box Company, Indianapolis, Ind. Collapsible poultry feeder. 2,118,322; May 24.
- Mohler, Ernest E., assignor to Fruit & Produce Packing, Inc., Indianapolis, Ind. Double wall handle basket. 2,132,638; Oct. 11.
- Mohler, Francis, and L. A. Umansky, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,105,431; Jan. 11.
- Mohrk, Frank. (See Clawson, M. E., and Mohrk.)
- Mohr, Edward A., Wyomissing, assignor to The Nolde and Horst Company, Reading, Pa. Stretcher topping and take-off bar for elastic hosiery welts and the like. 2,139,130; Dec. 6.
- Mohr, Joseph, Richmond, Va. Liquid fuel burner. 2,117,740; May 17.
- Mohr, Otto H., Concord, Calif. Solar heater. 2,122,821; July 5.
- Mohr, William H., assignor to The Peck, Stow & Wilcox Company, Southington, Conn. Try square. 2,139,243; Dec. 6.
- Mohun, John L., assignor to The Adlake Company, Chicago, Ill. House window. 2,132,748; Oct. 11.
- Mohun, Meade, San Mateo, Calif. Shoe construction. 2,109,180; Feb. 22.
- Moineau, Hubert J., Marlboro, Mass. Demountable wall flange. 2,127,230; Aug. 16.
- Moir, Harry W., assignor to R. Gillespie, Seattle, Wash. Amalgamator. 2,124,205; July 19.
- Moir, Vincent J., Cleveland Heights, assignor to The San-Electro Company, Cleveland, Ohio. Gripping means. 2,113,962; Apr. 12.
- Moise, Bolton C., Pittsburgh, Pa., assignor to National Tube Company. Pipe joint. 2,132,574; Oct. 11.
- Moise, Bolton C., Pittsburgh, Pa., assignor to National Tube Company. Welded joint. 2,132,575; Oct. 11.
- Moisy, Alexandrest, Prix, France. Transmission gear for electric starters. 2,108,384; Feb. 15.
- Mojonner, Albert B. (See Fagan, L. E., and Mojonner.)
- Mojonner Bros. Co. (See Fagan, L. E., and Mojonner, assignors.)
- Mojonner Bros. Co. (See Mojonner, Harry G., assignor.)
- Mojonner Bros. Co. (See Mojonner, Oliver W. and H. G., assignors.)
- Mojonner Bros. Co. (See Newhall, Benjamin G., assignor.)
- Mojonner, Harry G., Oak Park, Ill., assignor to Mojonner Bros. Co. Liquid conditioning system. 2,123,340; July 12.
- Mojonner, Oliver W., River Forest, Ill. Pipe joint or coupling. 2,120,184; June 7.
- Mojonner, Oliver W., River Forest, and H. G. Mojonner, Oak Park, Ill., assignors to Mojonner Bros. Co. Heat exchange element. 2,129,473; Sept. 6.
- Molander, Veli, Helsinki, Finland. Elevator door control system. 2,111,459; Mar. 15.
- Moldenhauer, Alfred J., et al. (See Davis, Frank J., assignor.)
- Molding Service, Inc. (See Novak, F. A., and Harn, assignors.)
- Molin, Louis A., assignor to Visking Corporation, Chicago, Ill. Sausage-linking machine. 2,133,463; Oct. 18.
- Molinar, Anthony W., Oak Park, assignor to Electric Household Utilities Corporation, Chicago, Ill. Guard for shoe of ironing machines. 2,108,230; Feb. 15.
- Molinare, Anthony W., Oak Park, assignor to Electric Household Utilities Corporation, Chicago, Ill. Washing machine. 2,140,846; Dec. 20.
- Moline Tool Company. (See Hunt, W. P., and Eipper, assignors.)
- Molins, Desmond W., Bexley, England. Cigarette making machine. Re. 20,876; Oct. 4.
- Molins, Desmond W., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Manufacture of cigarettes. 2,111,672; Mar. 22.
- Molins, Desmond W., Deptford, assignor to Molins Machine Company, Limited, London, England. Tobacco feeding apparatus. 2,113,514; Apr. 5.
- Molins, Harold B., et al., executors. (See Molins, Walter E.)
- Molins Machine Company. (See Chalmers, John W., assignor.)
- Molins Machine Company. (See Kemp, William J., assignor.)
- Molins Machine Company. (See Molins, Desmond W., assignor.)
- Molins Machine Company. (See Molins, Walter E., assignor.)
- Molins Machine Company. (See Ruau, Félix F., assignor.)
- Molins Machine Company. (See Ruau, Felix F., assignor.)
- Molins, Walter E., deceased, by H. B. Molins, Deptford, and M. H. Isaacs, executors, assignors to Molins Machine Company, Limited, London, England. Wrapping article. 2,117,347; May 17.
- Mollitor, Albert, Chicago, Ill. Tie support and attaching device. 2,128,840; Aug. 30.
- Mollitor, Frank M. (See Devine, H. A., and Mollitor.)
- Mollitor, Frederick R., New York, N. Y. Reciprocating bed motion for flat bed presses. 2,105,328; Jan. 11.
- Molke, Eric C., Montreal, Quebec, Canada. Sheet piling. 2,104,665; Jan. 4.
- Moll, Friedrich, Mannheim, and F. Lange, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of complex metal compounds of azo dyestuffs. 2,111,029; Mar. 15.
- Moll, Friedrich, Mannheim, and F. Lange, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Metalliferous azo dyestuffs and producing same. 2,111,270; Mar. 15.
- Moll, Lloyd A., assignor of one-half to M. Stettner, Allentown, Pa. Coin operated vending machine for cleaning tobacco pipes. 2,109,547; Mar. 1.
- Mollan, Malcolm, Otis, Mass. Antitheft bulb and socket. 2,129,370; Sept. 6.



- Mollberg, Byron, assignor to Carter Carburetor Corporation, St. Louis, Mo. Valve device. 2,139,376; Dec. 6.
- Moller, Berniece, Piedmont, Calif. Hand guard. Re. 20,853; Sept. 13.
- Moller, George A., Chicago, Ill. Drain funnel. 2,116,979; May 10.
- Møller, Holger, Copenhagen, Denmark. Steering device for vehicles. 2,125,644; Aug. 2.
- Møller, Johan G. C., assignor to Hekla A/S, Oslo, Norway. Value stamping machine. 2,128,156; Aug. 23.
- Moller, John H., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass handling apparatus. 2,106,573; Jan. 25.
- Möller, M. P., Inc. (See Moorhouse, A., and Bowman, assignors.)
- Möller, Waldemar, Rechlin, near Mirow, Germany, assignor to Askania-Werke A. G. vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. Gyroscopic instrument. 2,129,586; Sept. 6.
- Mollison, Herbert W. (See Graham, T. A., and Mollison.)
- Molloy, Leo J., Baltimore, Md., and L. K. Morrison, Norfolk, Va. Inspection means. 2,112,924; Apr. 5.
- Molly, Hans, Karlsruhe, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen-on-the-Bodensee, Germany. Differential. 2,139,906; Dec. 13.
- Molnar, Nicholas M., New York, N. Y. Therapeutically active organic mercurial derivatives of camphoramic acid and its salt and the process of preparing the same. 2,117,901; May 17.
- Molnár, Sándor, Budapest, Hungary. Easy chair or the like convertible into couch, divan, bed, or the like. 2,104,666; Jan. 4.
- Molnar, Sándor A. (See Sumichrast, J., and Molnar.)
- Moloney, Herbert J., Chicago, Ill. Air conditioning system. 2,113,896; Apr. 12.
- Moloney, Raymond T. (See Breitenstein, Charles J., assignor.)
- Moloney, Raymond T. (See Breitenstein, Herbert G., assignor.)
- Moloney, Raymond T. (See Chouinard, Alfred F., assignor.)
- Moloney, Raymond T. (See Nelson, Nels A., assignor.)
- Moloney, Raymond T. (See Nicolaus, Frank G., assignor.)
- Moloney, Raymond T. (See Williams, Bradlee W., assignor.)
- Môme, Marcel, Paris, France. Electrical clock device. 2,105,050; Jan. 11.
- Monahan, John F., et al. (See Hansch, August C. and H. E.)
- Monahan, Thomas G., Cuyahoga Falls, assignor to The Firestone Steel Products Company, Akron, Ohio. Making metal rings. 2,130,324; Sept. 13.
- Monarch Governor Company. (See Jennings, Jarvis S., Jr., assignor.)
- Monarch Governor Company. (See Knauss, Edward, assignor.)
- Monarch Machine Tool Company, The. (See Abe, Phil-ber A., assignor.)
- Monarch Machine Tool Company, The. (See Bickel, Clifford A., assignor.)
- Monarch Manufacturing Works, Inc. (See Murphy, Thomas W., assignor.)
- Monarch Marking System Company, The. (See Kohnle, Frederick, assignor.)
- Monarch Shoe Company. (See Siegel, Meyer, assignor.)
- Moncrief, James B., Copperhill, Tenn. Automatic steam heating system for automobiles. 2,141,926; Dec. 27.
- Moncrieff, Robert W. (See Dickie, W. A., and Moncrieff.)
- Moncrieff, Robert W. (See Dreyfus, H., and Moncrieff.)
- Moncrieff, Robert W., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture or treatment of artificial filaments, threads, yarns, and like materials. 2,118,856; May 31.
- Moncrieff, Robert W., and C. W. North, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of textile materials. 2,121,040; June 21.
- Moncrieff, Robert W., F. B. Hill, and T. B. Frearson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Liquid treatment of yarns. 2,131,814; Oct. 4.
- Moness, Eugene. (See Christiansen, W. G., and Moness.)
- Monex Corporation. (See Bachardy, Stephen J., assignor.)
- Money, Benjamin F., assignor of thirty ne-hundredths to C. R. Terry, and thirty one-hundredths to A. Cohan, Tulsa, Okla. Lock nut. 2,116,036; May 3.
- Money, Roland H. (See Crosley, P. J., and Money.)
- Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Condenser device for refrigerators. 2,105,751; Jan. 18.
- Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. One-way valve. 2,118,356; May 24.
- Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator. 2,118,735; May 24.
- Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Lubricating enclosed engines. 2,125,645; Aug. 2.
- Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Temperature control for refrigerators. 2,129,474; Sept. 6.
- Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Casing construction. 2,132,796; Oct. 11.
- Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Compressor and lubricating means. 2,138,664; Nov. 29.
- Monfils, Napoléon A., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Gauge for cutting machines. 2,113,706; Apr. 12.
- Monfort, Nicholas A. (See Chmielewski, T., and Monfort.)
- Monforts, A. (See Monforts, J., and Coussement, assignors.)
- Monforts, Joseph, Gladbach-Rheydt, Germany, and J. Coussement, Beveren (Lys), Belgium, assignors to A. Monforts, Gladbach-Rheydt, Germany. Opening and cleaning of textile fibers. 2,137,093; Nov. 15.
- Mongillo, Luigi, New York, N. Y. Refuse receptacle. 2,125,122; July 26.
- Monier, Francis J. (See Seignol, E. F. C., and Monier.)
- Monitor Controller Company. (See Frese, Joseph F., assignor.)
- Monk, Howard H., Rockford, Ill., assignor to Marathon Paper Mills Company, Rothschild, Wis. Carton retaining band. 2,141,011; Dec. 20.
- Monk, Newton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier communicating system. 2,137,023; Nov. 15.
- Monk, Newton, New York, and W. H. Tidd, White Plains, N. Y., assignors to American Telephone and Telegraph Company. Electrical transmission system. 2,118,471; May 24.
- Monk, Reginald H., and A. S. Ross, Montreal, Quebec, Canada, assignors to American Zinc, Lead & Smelting Company, St. Louis, Mo. Preparing  $TiO_2$ . 2,108,723; Feb. 15.
- Monnahan, J. L. (See Tonkin, Albert, assignor.)
- Monnet, Georges, New York, N. Y., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Razor blade support. 2,128,258; Aug. 30.
- Monnet, Georges, New York, N. Y., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Blade supporting means. 2,128,259; Aug. 30.
- Monnier, James A. and C. S. Brush, Algonac, Mich. Pneumatic tool. 2,128,157; Aug. 23.
- Monopower Corporation. (See Blakely, Richard M., assignor.)
- Monopower Corporation, The. (See Lassiter, Rush E., assignor.)
- Monopower Corporation, The. (See Tyler, Tracy B., assignor.)
- Mono Service Company. (See Marshall, Clifford L., assignor.)
- Monowatt Electric Corporation. (See Benander, Clifford N., assignor.)
- Monowatt Electric Corporation. (See Benander, George B., assignor.)
- Monro, Donald A., assignor to Standard Oil Company, Chicago, Ill. Fractionating apparatus and fractionation. 2,134,882; Nov. 1.
- Monroe Calculating Machine Company. (See Crosman, Loring F., assignor.)
- Monroe, Charles S., Chicago, Ill. Oscillating lamp. 2,133,106; Oct. 11.
- Monroe, Edward R., Black River, Mich., assignor to Osteo Vitalizer Company, Chicago, Ill. Osteopathic machine. 2,127,132; Aug. 16.
- Monroe, Karl W., Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing an organic plastic composition. 2,115,034; Apr. 26.
- Monroe, Spencer F., Colton, Calif., assignor to J. E. Peterson, Hamilton, Ohio. Photographing apparatus. 2,125,388; Aug. 2.
- Monsanto Chemical Company. (See Ault, W. C., and Hochwalt, assignors.)
- Monsanto Chemical Company. (See Bartram, Thomas W., assignor.)
- Monsanto Chemical Company. (See Bertsch, Johann A., assignor.)
- Monsanto Chemical Company. (See Booth, Charles F., assignor.)
- Monsanto Chemical Company. (See Carswell, Thomas S., assignor.)
- Monsanto Chemical Company. (See Gardner, H. A., and Kirkpatrick, assignors.)
- Monsanto Chemical Company. (See Harman, Marion W., assignor.)
- Monsanto Chemical Company. (See Harris, Morton, assignor.)
- Monsanto Chemical Company. (See Hochwalt, C. A., and Samaras, assignors.)
- Monsanto Chemical Company. (See Hockenyos, George L., assignor.)
- Monsanto Chemical Company. (See Jenkins, Russell L., assignor.)
- Monsanto Chemical Company. (See Jenkins, R. L., and Levine, assignors.)
- Monsanto Chemical Company. (See Kelly, John H., Jr., assignor.)



- Monsanto Chemical Company. (See Kirkpatrick, Arnold, assignor.)
- Monsanto Chemical Company. (See Krause, Daniel E., assignor.)
- Monsanto Chemical Company. (See Kyrides, Lucas P., assignor.)
- Monsanto Chemical Company. (See Levine, Max M., assignor.)
- Monsanto Chemical Company. (See Magoun, George L., assignor.)
- Monsanto Chemical Company. (See Mares, Joseph R., assignor.)
- Monsanto Chemical Company. (See Marling, Paul B., assignor.)
- Monsanto Chemical Company. (See Martin, George D., assignor.)
- Monsanto Chemical Company. (See Nason, Howard K., assignor.)
- Monsanto Chemical Company. (See Nealon, Thomas F., assignor.)
- Monsanto Chemical Company. (See Sibley, Robert L., assignor.)
- Monsanto Chemical Company. (See Smith, Franklin D., assignor.)
- Monsanto Chemical Company. (See Stehman, Carlyle J., assignor.)
- Monsanto Chemical Company. (See Stutson, Alvered C., assignor.)
- Monsanto Chemical Company. (See Thomas, C. A., and Hochwalt, assignor.)
- Monsanto Chemical Company. (See Thomas, C. A., Soday, and Derby, assignors.)
- Monsanto Chemical Company. (See Towne, Edmund B., assignor.)
- Monsanto Chemical Company. (See Udy, Marvin J., assignor.)
- Monsanto Chemical Company. (See White, John F., assignor.)
- Monsanto Chemical Company. (See Wilson, Ivan V., assignor.)
- Monsanto Chemical Company. (See Wilson, John A., assignor.)
- Monson, Louis T., Alhambra, Calif., assignor to Tretolite Company, Webster Groves, Mo. Removing mud sheaths from oil wells. 2,135,589; Nov. 8.
- Monson, Louis T., Alhambra, Calif., assignor to Tretolite Company, Webster Groves, Mo. Removing mud sheaths from geological formations. 2,135,909; Nov. 8.
- Montambo, Samuel T., assignor of one-third to P. W. Guthrie, Chicago, Ill., and one-third to T. H. Bradling, Denver, Colo. Automotive equipment. 2,132,828; Oct. 11.
- Montan, Adolph, Montclair, and C. E. Anderson, East Orange, assignors to Eastern Tool & Mfg. Co., Bloomfield, N. J. Rake. 2,105,548; Jan. 18.
- Montan Pole Co. (See Coolidge, Joseph R., assignor.)
- Montano, Elizabeth, Coronado, Calif. Foot protector against sting ray. 2,129,226; Sept. 8.
- Monteith, John, Jr., Washington, D. C., dedicated to the free use of the people of the United States. Spray material. 2,113,625; Apr. 12.
- Montgomery, Alonzo B., assignor to The Cold Metal Process Company, Youngstown, Ohio. Apparatus for coiling material. 2,116,121; May 3.
- Montgomery, David E. (See Montgomery, Glenn G. and D. E.)
- Montgomery, Donald H., Berlin, assignor, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Spindle mounting. 2,111,869; Mar. 22.
- Montgomery, Donald H., West Hartford, assignor, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Cam means. 2,124,167; July 19.
- Montgomery, Donald H., Berlin, and A. H. Jobert, assignors, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Stock stop. 2,118,014; May 17.
- Montgomery, Donald H., Berlin, and A. H. Jobert, New Britain, assignors, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Indexing station type machine. 2,118,015; May 17.
- Montgomery, Edward E. (See Montgomery, William H., and E. E.)
- Montgomery, Glen G. and D. E., Mirando City, Tex. Pump. 2,134,087; Oct. 25.
- Montgomery, H. A., Company, The. (See Montgomery, Harley A., assignor.)
- Montgomery, Harley A., Highland Park, Mich. Lubricant and method of lubricating metal during forming operations. 2,126,128; Aug. 9.
- Montgomery, Harley A., Highland Park, assignor to The H. A. Montgomery Company, Inc., Detroit, Mich. Process and composition for plastic deformation of metals. 2,112,632; Mar. 29.
- Montgomery, Henry S., et al. (See Miller, Harold C., assignor.)
- Montgomery, Henry S., South Pasadena, assignor of one-half to A. W. Knight, San Marino, Calif. Vapor phase treatment of petroleum distillates. 2,108,600; Feb. 15.
- Montgomery, Howard H., and A. J. Bourgeois, Los Angeles, Calif. Dental impression tray. 2,118,980; May 31.
- Montgomery, James A., assignor of one-half to H. Moss, Birmingham, Ala. Jig. 2,104,090; Jan. 4.
- Montgomery, Richard B., Derby, assignor to The American Brass Company, Waterbury, Conn. Hot workable bronze. 2,128,954; Sept. 6.
- Montgomery, Richard B., Derby, assignor to The American Brass Company, Waterbury, Conn. Hot workable phosphor bronze. 2,128,955; Sept. 6.
- Montgomery, Terence N. (See Baxter, J. P., Montgomery, and Moore.)
- Montgomery, Walter H., Washington, D. C. Torque indication wrench. 2,125,945; Aug. 9.
- Montgomery, William H., and E. E. Montgomery, Bremerton, Wash. Fishing rod tip. 2,113,707; Apr. 12.
- Monti, Charles, Bay Shore, N. Y. Twin cylinder engine. 2,131,595; Sept. 27.
- Montrose-Oster, Louis E. W., Carlsbad, Czechoslovakia, assignor of one-half to Pollopos Patents, Ltd., London, England. Electric remote selector circuit. 2,132,960; Oct. 11.
- Montrose-Oster, Louis-Eugène-Widolt, Carlsbad, Czechoslovakia, assignor of one-half to the firm Pollopos Patents Ltd., London, England. Vehicle suspension. 2,128,756; Aug. 30.
- Montsinger, Vincent M., Pittsfield, Mass., assignor to General Electric Company, New York, N. Y. Electrical induction apparatus. 2,116,404; May 3.
- Montuori, Felix C., Washington, D. C., assignor to Cook Laboratories, Inc., New York, N. Y. Hypodermic syringe. 2,118,221; May 24.
- Moo, Gothard T., Auburn, R. I., assignor to Brown & Sharpe Manufacturing Company. Lubrication of swivel heads. 2,129,307; Sept. 6.
- Moody, Kenneth M., assignor of one-half to G. S. Noble, Chicago, Ill. Wire connector. 2,110,421; Mar. 8.
- Moody, Lewis F., Princeton, N. J. Epicyclic fluid flow apparatus. 2,112,300; Mar. 29.
- Moody, Thomas W., Houston, Tex. Safety latch. 2,131,899; Oct. 4.
- Moody, Warren L., and S. J. Wagar, assignors of one-third to R. L. Dombrower, Richmond, Va. Hair waving pad. 2,140,243; Dec. 13.
- Moomaw, Lewis H., Wilmette, Ill., assignor to Eastman Kodak Company, Rochester, N. Y. Indicating means for cameras. 2,124,887; July 26.
- Moon, Alexandra, assignor to M. Croose, Los Angeles, Calif. Achieving absolute sterilization. 2,134,924; Nov. 1.
- Moon, Arthur L., Milo, Iowa. Wind operated electrical generating unit. 2,112,633; Mar. 29.
- Moon, Cecil L., Marshalltown, Iowa. Bunion pad. 2,134,831; Nov. 1.
- Mooney, Francis X. (See Winkler, F. W., Mooney, Kuzell, and Mounts.)
- Mooney, Fred L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing the bottoms of shoes. 2,106,277; Jan. 25.
- Mooney, James D., Oyster Bay, N. Y. Apparatus designed to illustrate the laws of economics by physical analogies. 2,132,514; Oct. 11.
- Moor, Edward N., San Francisco, Calif.; E. C. Moor, owner by decree of distribution. Fishing rod reel. 2,116,581; May 10.
- Moor, Elizabeth C. (See Moor, Edward N.)
- Mooradian, Harry S., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Tire. 2,130,594; Sept. 20.
- Moore, Amy J. (See Groom, A. N., and Moore.)
- Moore, Arlington, Louisville, Ky., assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Anterior throttle cold charge carburetor. 2,119,885; June 7.
- Moore, Arlington, Louisville, Ky., assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Anterior throttle carburetor. 2,123,485; July 12.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Forming and distributing charges for internal combustion engines. 2,121,529; June 21.
- Moore, Bart, Jr., San Antonio, Tex. Road roller. 2,134,883; Nov. 1.
- Moore, Bart, Jr., San Antonio, Tex. Road roller and transporting same. 2,134,884; Nov. 1.
- Moore Brothers Company. (See Peters, Martin J., assignor.)
- Moore, Charles A., Detroit, Mich., assignor to Borg-Warner Corporation. Washing machine. 2,136,056; Nov. 8.
- Moore, Charles B. (See Noyes, J. H., and Moore.)
- Moore, Charles G., Lakewood, and M. Zucker, assignors to The Glidden Company, Cleveland, Ohio. Wood staining. 2,105,984; Jan. 18.
- Moore, Charles W., assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Spindle. 2,110,451; Mar. 8.
- Moore, Charles W., Fullerton, Calif. Chair tip. 2,140,541; Dec. 20.
- Moore, Charlie A., assignor of one-half to J. A. Foster, Nashville, Tenn. Comb. 2,134,370; Oct. 25.
- Moore, Clay H. (See Moore, Ray C. and C. H.)
- Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,125,081; July 26.
- Moore, Coleman B., Carroll Park, and A. E. Krogh, Erlenheim, assignors to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,136,631; Nov. 15.
- Moore Company, The. (See Wunderlich, William E., assignor.)



- Moore Corporation, The. (See Gatons, C. F., and Hausser, assignors.)
- Moore Corporation, The. (See Pletcher, H., Bishop, and Jones, assignors.)
- Moore Corporation, The. (See Weston, Richard S., assignor.)
- Moore Drop Forging Company. (See Smith, Hazor J., assignor.)
- Moore Dry Kiln Company of Oregon. (See Cobb, James F., assignor.)
- Moore, Earl E., Washington, D. C. Bat assembly. 2,109,799; Mar. 1.
- Moore, Edward, assignor of one-half to D. Peterson, Newark, N. J. Two-cycle solid-fuel injection supercharged engine. 2,126,270; Aug. 9.
- Moore Enameling & Manufacturing Company, The. (See Moore, W. B., and Cobb, assignors.)
- Moore Fabric Company. (See Moore, John V., assignor.)
- Moore, Fearon D., Glen Ridge, N. J. Binder. 2,139,843; Dec. 13.
- Moore, Francis J., Minneapolis, Minn. Toilet seat. 2,104,714; Jan. 4.
- Moore, Francis R., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Liquid level indicator. 2,106,574; Jan. 25.
- Moore, Frank W., Lennon, Mich. Milk pail cover and fastener therefor. 2,106,378; Jan. 25.
- Moore, Fred, assignor to The Wahl Company, Chicago, Ill. Fountain pen. 2,120,059; June 7.
- Moore, Fred W., assignor to National Pumps Corporation, Dayton, Ohio. Self-adjusting pulley. 2,135,214; Nov. 1.
- Moore, Fredrick A., Great Bend, Kans. Advertising novelty. 2,119,825; June 7.
- Moore, Frederick T., West Hartford, assignor to Colts Patent Fire Arms Manufacturing Co., Hartford, Conn. Machine gun. 2,110,165; Mar. 8.
- Moore, Frederick T., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Muzzle attachment for machine guns. 2,124,075; July 19.
- Moore, Frederick T., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Machine gun with adjustable packing. 2,140,808; Dec. 20.
- Moore, Frederick T., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Machine gun. 2,140,809; Dec. 20.
- Moore, Garnett V. (See Britton, E. C., Coleman, and Moore.)
- Moore, Garnett V. (See Coleman, G. H., and Moore.)
- Moore, Garnett V. (See Coleman, G. H., Moore, and Stratton.)
- Moore, George, Croton-on-Hudson, N. Y. Art of and apparatus for liquid treatment. 2,132,312; Oct. 4.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container. 2,120,255; June 14.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Paper container. 2,120,898; June 14.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Making containers. 2,120,899; June 14.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Fiber container and making the same. 2,120,900; June 14.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container. 2,120,901; June 14.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Making containers. 2,120,902; June 14.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Closure for containers. 2,120,903; June 14.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container and making the same. 2,120,904; June 14.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container. 2,120,905; June 14.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Filling and closing containers. 2,120,906; June 14.
- Moore, George L., Chicago, Ill., assignor to Auto Research Corporation. Lubricating system. 2,112,860; Apr. 5.
- Moore, George L., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Piston. 2,119,137; May 31.
- Moore, George L., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Piston. 2,120,033; June 7.
- Moore, George L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Piston. 2,136,822; Nov. 15.
- Moore, George W., Broomall, Pa. Liquid feed control device. 2,131,329; Sept. 27.
- Moore, Giles S., Indianapolis, Ind., and E. G. Streckfuss, Cincinnati, Ohio, assignors to G. B. M. Electric Company, Inc., Indianapolis, Ind. Centrifugal switch. 2,128,841; Aug. 30.
- Moore, Harold A. (See Morton, W. A., Moore, and Roth.)
- Moore, Harold C., St. Louis, Mo., assignor of one-half to J. J. Starr. Powder dispensing device. 2,134,141; Oct. 25.
- Moore, Harold C., and V. R. Stamm, St. Louis, Mo.; said Stamm, assignor, by mesne assignments, to J. J. Starr. Shoe rack. 2,110,232; Mar. 8.
- Moore, Harold E., and R. B. Vogel, assignors to The Capital City Products Company, Columbus, Ohio. Hydrogenation of soya bean oil. 2,136,653; Nov. 15.
- Moore, Harrington, Medford, Mass. Key ring. 2,115,342; Apr. 26.
- Moore, Harry B., et al. (See Blalock, Eugene M., assignor.)
- Moore, Harry W. (See Dybvig, Henry G., assignor.)
- Moore, Howard L., Cochran, Pa. Display holder. 2,125,191; July 26.
- Moore, Howard L., Cochran, Pa. Vehicle record and article holder. 2,138,743; Nov. 29.
- Moore, Howard N. (See Sands, W. H., and Moore.)
- Moore, J. K., et al. (See McClanahan, Frederick C., assignor.)
- Moore, James E., Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Producing hairy rayon yarns. 2,123,635; July 12.
- Moore, John H. (See Alward, J. E., and Moore.)
- Moore, John T., Tampa, Fla. Tonsillotome. 2,106,575; Jan. 25.
- Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Stiffening rib for supporting garments. 2,105,257; Jan. 11.
- Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Tubular woven elastic garment. 2,117,974; May 17.
- Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Elastic fabric. 2,117,975; May 17.
- Moore, John W., Detroit, Mich. Wall hanger for radiators. 2,111,918; Mar. 22.
- Moore, Joseph G. (See Baxter, J. P., Montgomery, and Moore.)
- Moore, Joseph G., Albany, N. Y. Lubricant container for journal boxes. 2,126,129; Aug. 9.
- Moore, Joseph G., Runcorn, England, assignor to Imperial Chemical Industries Limited. Chemical composition. 2,109,299; Feb. 22.
- Moore, Landon C., Dallas, and A. C. Norman, deceased, by S. S. Norman, executrix, New Boston, Tex. Deodorizing and bleaching oils. 2,122,260; June 28.
- Moore, Leonard M., Chester, Va. Towel holder. 2,117,202; May 10.
- Moore, Malcolm C., Newark, assignor to Hercules Powder Company, Wilmington, Del. Nitrocellulose emulsions. 2,105,155; Jan. 11.
- Moore, Marjorie B. (See Volwiler, E. H., and Moore.)
- Moore, Mathilda G., St. Paul, Minn. Girdle garment. 2,107,337; Feb. 8.
- Moore, Matthew S., Malvern, assignor to The Mining Engineering Company Limited, Worcester, England. Loader mechanism. 2,113,897; Apr. 12.
- Moore, Maynard H., Jr., Everett, Mass. Edge binding for shoe uppers. 2,112,706; Mar. 29.
- Moore, Maynard H., Jr., Everett, Mass. Shoe. 2,134,259; Oct. 25.
- Moore, Milburn, Brooklyn, assignor of one-half to C. F. Gailor, New York, N. Y. Vertical feed control for rail grinders. 2,113,276; Apr. 5.
- Moore, Montague, Burnaby, British Columbia, Canada. Storage garage. 2,110,305; Mar. 8.
- Moore, Perry E., assignor to The Sanford Investment Company, Knoxville, Tenn. Wheel and axle assembly. 2,112,859; Apr. 5.
- Moore, Perry L. (See Clay, James R., assignor.)
- Moore, Ralph E., Hattiesburg, Miss. Towing device. 2,139,970; Dec. 13.
- Moore, Ray C. and C. H., Cleveland, Ohio, assignors to Warren Webster & Company, Camden, N. J. Apparatus for controlling heating systems. 2,137,024; Nov. 15.
- Moore, Raymond G., Grosse Pointe Farms, Mich. Adjustable seat slide. 2,127,610; Aug. 23.
- Moore, Raymond J. F., Oakleigh, Australia. Rotary engine and pump. 2,135,760; Nov. 8.
- Moore, Richard R., Lansdowne, Pa. Material testing machine. 2,114,854; Apr. 19.
- Moore, Rockford W., Kansas City, Mo. Hydraulic levelizer for automobiles. 2,137,947; Nov. 22.
- Moore, Roscoe, Kingston, Pa. Shaker conveyer. 2,134,452; Oct. 25.
- Moore, Roger Q. (See Matteson, N. F., Bub, and Moore.)
- Moore, Stanley S., Stockton, Calif. Power hoist attachment for tractors. 2,124,116; July 19.
- Moore, Stuart, assignor to Dixie Wax Paper Company, Dallas, Tex. Apparatus for and method of sealing bags. 2,126,908; Aug. 16.
- Moore, Stuart, assignor to Dixie Wax Paper Company, Dallas, Tex. Heat sealing device. 2,127,183; Aug. 16.
- Moore, Thora, Roman, Mont. Heat retainer for permanent waving. 2,139,311; Dec. 6.
- Moore, Vida L., New York, N. Y. Article of footwear. 2,116,445; May 3.
- Moore, Walter B., Coshocton, and R. S. Cobb, assignors to The Moore Enameling & Manufacturing Company, West Lafayette, Ohio. Handle for cooking utensils. 2,133,252; Oct. 11.
- Moore, Warren, Bon Air, Va. Depilatory. 2,128,158; Aug. 23.
- Moore, Warren, Richmond, and R. B. Arnold, Henrico County, Va., assignors to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Insecticides. 2,110,608; Mar. 8.
- Moore, Warren S. (See Walker, Russell S., assignor.)



- Moore, Warren S. (See Walker, R. S., and Moore.)
- Moore, Weldon B., Corpus Christi, Tex. Mixer and conditioner. 2,107,544; Feb. 8.
- Moore, William D. (See Gaston, C. D., and Moore.)
- Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric furnace. 2,114,230; Apr. 12.
- Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric furnace. 2,114,231; Apr. 12.
- Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electrode gland. 2,135,761; Nov. 8.
- Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electrode clamp. 2,135,408; Nov. 1.
- Moore, William E., Pittsburgh, Pa., and W. B. Wallis, New York, N. Y., assignors to Pittsburgh Research Corporation, Pittsburgh, Pa. Heat treating furnace linings. 2,133,329; Oct. 18.
- Moore, William F., Bayside, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oil. 2,111,222; Mar. 15.
- Moore, William F., Bayside, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,121,209; June 21.
- Moore, William F., Flushing, assignor to Gasoline Products Company, Inc., Newark, N. J. Heating apparatus and method. 2,114,269; Apr. 12.
- Moore, William V., Grand Rapids, Mich. Valve. 2,120,763; June 14.
- Moorhead, Joseph N., Shaker Heights, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Extrusion. 2,135,193; Nov. 1.
- Moorhead, Walter A., Sandy Springs, S. C. Fertilizer distributor. 2,106,645; Jan. 25.
- Moorhouse, Alfred, Detroit, Mich. Motor vehicle. 2,128,660; Aug. 30.
- Moorhouse, Alfred, Castle Shannon, and S. G. Bowman, Mt. Lebanon, Pa., assignors to M. P. Möller, Inc. Combination stop equipment for pipe organs. 2,127,266; Aug. 16.
- Moorhouse, Robert W. (See Smith, C. H., Moorhouse, and Hartz.)
- Moorman, Charles L., Chicago, Ill. Ice compartment for refrigerator cars. 2,136,632; Nov. 15.
- Moorman Manufacturing Company. (See Knapheide, M. D., Caldwell, and Elmsie, assignors.)
- Moorshead, Thomas C., Strand, London, assignor to The United Glass Bottle Manufacturers Limited, London, England. Feeding glass to glass forming machines. 2,106,899; Feb. 1.
- Moorshead, Thomas C., London, England, assignor, by mesne assignments, to Ball Brothers Company, Muncie, Ind. Feeding glass to glass shaping machines. 2,107,012; Feb. 1.
- Moorshead, Thomas C., assignor to The United Glass Bottle Manufacturers Limited, London, England. Apparatus for feeding molten glass to glass forming machines. 2,111,293; Mar. 15.
- Moorshead, Thomas C., and E. P. Dorman, Strand, London, England, assignors, by mesne assignments, to Ball Brothers Company, Muncie, Ind. Machine for making hollow glassware. 2,107,011; Feb. 1.
- Moos, Josef. (See Grote, W., Hundsdoerfer, and Moos.)
- Moos, Josef. (See Terres, E., Moos, and Ramser.)
- Moos, Josef. (See Terres, E., Moos, and Saegebarth.)
- Moos, Josef, and H. Ramser, New York, N. Y., assignors to Edelman Gesellschaft m. b. H. Treatment of hydrocarbon oils using sulphonyl halides. 2,118,766; May 24.
- Moos, Joseph. (See Terres, E., Saegebarth, and Moos.)
- Moos, Joseph. (See Terres, E., Saegebarth, Moos, and Ramser.)
- Moos, N. H., et al. (See Lederer, Maximilian, assignor.)
- Mooshian, Panos H., Los Angeles, Calif. Guard for shingle edges. 2,131,844; Oct. 4.
- Morack, Marvin M., Schenectady, N. Y., assignor to General Electric Company. Arc-back suppression. 2,141,927; Dec. 27.
- Morain, Clifford F. (See Boyland, D. W., and Morain.)
- Morain, Clifford F. (See Boyland, D. W., Morain, and Bowman.)
- Morain, Clifford F., Youngstown, Ohio, assignor to The General Paint Corporation, San Francisco, Calif. Pipe lining or coating means. 2,133,035; Oct. 11.
- Moran, Robert C., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Breaking in gears. 2,133,828; Oct. 18.
- Moran, Robert C., Wenonah, and G. S. Crandall, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of dibenzyl disulphide. 2,113,092; Apr. 5.
- Moran, Robert C., Wenonah, and G. S. Crandall, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of organic disulphides. 2,113,093; Apr. 5.
- Moran, Robert C., Wenonah, and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,115,276; Apr. 26.
- Moran, Robert C., Wenonah, and E. W. Fuller and G. S. Crandall, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,136,455; Nov. 15.
- Moran, Robert C., Wenonah, and E. W. Fuller and G. S. Crandall, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,136,456; Nov. 15.
- Moran, Robert C., Wenonah, and G. S. Crandall, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,137,410; Nov. 22.
- Moran, Taylor M., Montreal, Quebec, Canada, assignor to United States Rubber Products, Inc., New York, N. Y. Apparatus for equalizing the tension on a plurality of threads. 2,126,271; Aug. 9.
- Morand, Donald A., Portland, Oreg. Drawer pull. 2,129,475; Sept. 6.
- Moravec, Richard Z., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Treating mineral oils. 2,137,499; Nov. 22.
- Morch, Jacob J., Toronto, Ontario, Canada. Ore crushing machine. 2,105,003; Jan. 11.
- Morden, Charles W., Portland, Oreg. Apparatus for making up batches of paper stock. 2,132,874; Oct. 11.
- Morea, Frank P., Jackson Heights, assignor of one-third to E. J. Weinheim, and one-third to V. N. Morea, Flushing, N. Y. Headlight for vehicles. 2,119,597; June 7.
- Morea, Victor N., et al. (See Morea, Frank P., assignor.)
- Moreau, Celestin. (See Saelens, E., and Moreau.)
- Moreau, Henri, Paris, France. Electromagnetic system for the automatic regulation of temperatures. 2,137,059; Nov. 15.
- Morehead-Bursell. (See Bursell, Everett J., assignor.)
- Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Safety catch. 2,126,571; Aug. 9.
- Morehouse, Stephen B. (See Williams, A. J., Jr., and Morehouse.)
- Morehouse, Terry B., Hempstead, N. Y., assignor to Radio Corporation of America. Receiver noise suppressor arrangement. 2,115,825; May 3.
- Morell, Peter, Washington, D. C. Mop wringer. 2,111,987; Mar. 22.
- Morell, Willard B. (See Roush, W. E., and Morell.)
- Morelli, Tito, near Kirkland, Wash. Anticannibalism guard for chickens. 2,125,389; Aug. 2.
- Moreng, Joseph, Grantwood, N. J. Device for breaking bottles. 2,113,593; Apr. 12.
- Moreton, Henry H. (See Dickinson, H. R., and Moreton.)
- Moreton, Henry H., Santa Monica, Calif. Producing stock and poultry food from garbage. 2,112,175; Mar. 22.
- Moreton, Henry H., Santa Monica, Calif. Destroying sewage. 2,139,419; Dec. 6.
- Moretti, Anthony, Cranston, R. I. Spool. 2,139,557; Dec. 6.
- Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Solvent refining with nitroalcohols. 2,135,468; Nov. 1.
- Morey & Jones, Ltd. (See Lewis, John O., assignor.)
- Morfesi, Eugene, Astoria, Long Island, and A. Kindelmann, Floral Park, assignors to International Projector Corporation, New York, N. Y. Gate lifter. 2,105,890; Jan. 18.
- Morfit, Charles C., Brooklyn, and R. H. Sweetser, New York, N. Y. Preparation and use of metallic oxides and solid fuels. 2,121,160; June 21.
- Morford, Walter C., Los Angeles, Calif. Attachment and wall plug. 2,118,857; May 31.
- Morgan, Alfred, Berlin-Charlottenburg, Germany, assignor to Bendix Aviation Corporation, Chicago, Ill. Mechanism for controlling the clutches of motor vehicles. 2,111,294; Mar. 15.
- Morgan, Charles, Shawnee on Delaware, assignor of two-fifths to C. A. Coleman, Stroudsburg, Pa. Brush. 2,128,011; Aug. 23.
- Morgan, Clifford V., Brooklyn, N. Y. Stopper. 2,115,035; Apr. 26.
- Morgan Concentrating Corporation. (See Kennedy, James H., assignor.)
- Morgan Construction Company. (See Morgan, Myles, assignor.)
- Morgan Construction Company. (See O'Malley, Joseph M., assignor.)
- Morgan Construction Company. (See Sheperdson, John W., assignor.)
- Morgan Construction Company. (See Whalen, John N., assignor.)
- Morgan, David G., assignor of one-fourth to N. Mahlmann, and one-fourth to E. J. O'Leary, San Francisco, Calif. Spring making apparatus. 2,105,951; Jan. 18.
- Morgan, David W. R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,129,097; Sept. 6.
- Morgan, Delevan F., Oak Park, assignor to Nucor Company, Chicago, Ill. Belt. 2,107,013; Feb. 1.
- Morgan, Ervin, Ririe, Idaho. Grading machine. 2,139,199; Dec. 6.
- Morgan, Erving B. (See Yost, C. E., and Morgan.)
- Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Clamp. 2,122,868; July 5.
- Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Furniture. 2,131,000; Oct. 4.
- Morgan, Hartford L., San Francisco, Calif. Platen ring. 2,131,230; Sept. 27.



- Morgan, Horace H., Detroit, Mich., assignor to The Webster Mfg Company, Chicago, Ill. Chain conveyer. 2,129,380; Sept. 6.
- Morgan, Ivan H. (See Baker, L. S., Morgan, and Quaid.)
- Morgan, James W. (See Dennis, J., and Morgan.)
- Morgan, John D., South Orange, assignor to Power Patents Company, Hillsdale, N. J. Electric toaster. 2,108,778; Feb. 15.
- Morgan, John G., Collingdale, and J. C. Bohan, Prospect Park, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade tenon spinning machine. 2,135,040; Nov. 1.
- Morgan, John S., near Wingate, England. Apparatus for heating coal. 2,105,156; Jan. 11.
- Morgan, John W., Detroit, Mich. Manufacture of insulation forms. 2,124,745; July 26.
- Morgan, Joseph B., Flushing, assignor to Jabez Burns & Sons, Inc., New York, N. Y. Cleaner for coffee and other grains. 2,132,961; Oct. 11.
- Morgan, Joseph T., Cardiff, Wales. Change speed gear mechanism for cycles and the like. 2,108,941; Feb. 22.
- Morgan, Lee C., Santa Maria, Calif. Horseback rider's pad. 2,128,159; Aug. 23.
- Morgan, Leo C., Wichita, Kans. Well treating fluid. 2,128,160; Aug. 23.
- Morgan, Leo C., Wichita, Kans. Well treating fluid. 2,128,161; Aug. 23.
- Morgan, Malcolm E., Gadsden, Ala., assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Production of galvanized sheets and the like. 2,112,468; Mar. 29.
- Morgan, Maurice J., West Englewood, N. J. Golf tee. 2,107,706; Feb. 8.
- Morgan, Maurice J., West Englewood, N. J. Hot water heater. 2,128,842; Aug. 30.
- Morgan, Merton W., assignor to Poole Foundry & Machine Company, Baltimore, Md. Flexible shaft coupling. 2,121,507; June 21.
- Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Coupling. 2,136,947; Nov. 15.
- Morgan, Ralph L., Richmond, N. H. Clothes hanger and brushing rack. 2,116,156; May 3.
- Morgan, Ralph L., Richmond, N. H. Beach tent. 2,125,801; Aug. 2.
- Morgan, Russell, Drexel Hill, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabrics. 2,110,070; Mar. 1.
- Morgan, Thomas H., Kittanning, Pa. Vibrator. 2,119,285; May 31.
- Morgan, Truman H. (See Robertson, Cleo A.; assignor.)
- Morgan, Willard L., Hammond, Ind., assignor to Sylvania Industrial Corporation, New York, N. Y. Marked material and producing the same. 2,121,041; June 21.
- Morgan, Willard L., Calumet City, Ill., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Making container closures. 2,121,042; June 21.
- Morgan, Willard L., Nutley, N. J., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Container closure. 2,141,722; Dec. 27.
- Morganthauer, C. K. (See Williams, James M., assignor.)
- Mörgelin, Konrad, Karlsruhe, Germany. Conveyer chain. 2,142,003; Dec. 27.
- Morgen, Sigurd P., assignor to The American Hardware Corporation, New Britain, Conn. Doorknob. 2,123,539; July 12.
- Morgenstern, Paul. (See Prinz, L., and Morgenstern.)
- Morgenstern, Stefan, Berlin-Charlottenburg, and J. Eggert, Berlin, assignors to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Plastic composition. 2,109,432; Feb. 22.
- Morgenstern, Stefan, Berlin-Charlottenburg, and J. Eggert, Berlin, assignors to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Enhancing the elasticity and softness of albuminous artificial stuffs. 2,112,728; Mar. 29.
- Moriarty, Blanche, et al. (See Brinkman, Louis H., assignor.)
- Moriarty, George A., San Diego, Calif. Antislipping device. 2,132,860; Oct. 11.
- Moriarty, John J., Toronto, Ontario, Canada, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Leather-like material and producing same. 2,121,709; June 21.
- Morice, John B., Williamson, W. Va. Expandible and contractible rim. 2,133,036; Oct. 11.
- Morin, Arthur J., Detroit, Mich. Wallpaper trimming machine. 2,109,889; Mar. 1.
- Morin, Edward J., Omaha, Nebr. Picture storage and display cabinet. 2,109,433; Feb. 22.
- Morin, Ernest A., and M. Bornstein, St. Hyacinthe, assignors to Consolidated Silk Mills, Ltd., Montreal, Quebec, Canada. Weft replenishing loom. 2,131,114; Sept. 27.
- Morin, George G., and E. J. Carleton, Holyoke, Mass. Control for fluid pressure devices. 2,121,389; June 21.
- Morin, Louis H., New York, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Vending machine. 2,106,185; Jan. 25.
- Morin, Louis H., Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Pot for die casting machines. 2,106,505; Jan. 25.
- Morin, Luke O., Chattanooga, Tenn. Orchard heater. 2,120,291; June 14.
- Morin, Luke O., Jr., and R. R. Shelton, assignors to Samuel Stamping & Enameling Company, Chattanooga, Tenn. Oil burner. 2,116,278; May 3.
- Morisi, John. (See Holzknecht, Felix, assignor.)
- Moritz, March R., Sale Moor, England, assignor to General Electric Company. Arc welding flux. 2,141,929; Dec. 27.
- Moritz, March R., Sale Moor, and I. Fitch, Forest Hill, London, England, assignors to General Electric Company. Welding flux. 2,141,928; Dec. 27.
- Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Dipper tooth. 2,108,075; Feb. 15.
- Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Drag bucket and clevis therefor. 2,131,063; Sept. 27.
- Morkisch, Erwin F., Pasadena, Calif. Flush valve control. 2,106,916; Feb. 1.
- Morkoski, James, Canton, Ill., assignor to International Harvester Company. Tractor implement. 2,109,677; Mar. 1.
- Morkovski, James. (See Lindgren, A. C., and Morkovski.)
- Morkovski, James, Canton, Ill., assignor to International Harvester Company. Implement attachment for tractors. 2,123,555; July 12.
- Morley, Cornelius C., Trelawne, Looe, Cornwall, England. Flowerpot. 2,138,188; Nov. 29.
- Morley, Francis E. (See Morley, Wilfrid T. B., and F. E.)
- Morley, Herbert. (See Darbyshire, L. H., Norberg, and Morley.)
- Morley, Wilfrid T. B., Worsley, and F. E. Morley, Sale, England. Apparatus for removing selvage edges from textile fabrics in the piece. 2,107,953; Feb. 8.
- Morlock, Emil, Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Apparatus for the continuous splitting of fats or oils. 2,108,990; Feb. 22.
- Morlock, Emil, Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Device for the hydrogenation of vegetable or animal oils or fats, fatty acids, or the like. 2,134,571; Oct. 25.
- Morlock, Harry A., Buffalo, N. Y. Refractory construction for furnaces. 2,125,192; July 26.
- Morlock, Harry A., Buffalo, N. Y. Construction for furnaces. 2,125,193; July 26.
- Morlok, Edward K., Collingswood, N. J. Dispenser. 2,111,123; Mar. 15.
- Moross, George B., Woodside, N. Y. Automatic change speed gearing for automotive vehicles. 2,107,422; Feb. 8.
- Morphet, Everett C., Wilmar, Calif., assignor to Bendix Products Corporation, South Bend, Ind. Automatic brake latch. 2,130,892; Sept. 20.
- Morphew, David E., Roann, Ind. Spring wheel. 2,140,431; Dec. 13.
- Morrell, Alton A., Chippewa Falls, Wis. Gauge rod. 2,127,042; Aug. 16.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,104,049; Jan. 4.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,105,549; Jan. 18.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,111,401; Mar. 15.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,112,376; Mar. 29.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion and coking of hydrocarbon oils. 2,112,377; Mar. 29.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of stored cracked gasoline. 2,115,781; May 3.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of motor fuel. 2,116,157; May 3.
- Morrell, Jacques C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,122,777; July 5.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of inhibitors. 2,123,540; July 12.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of inhibitors. 2,123,541; July 12.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of inhibitors. 2,123,542; July 12.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,583; July 26.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,126,204; Aug. 9.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,127,001; Aug. 16.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,132,639; Oct. 11.



- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbon oils. 2,139,624; Dec. 6.
- Morrell, Jacques C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,584; July 26.
- Morrell, Jacques C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,585; July 26.
- Morrell, Jacques C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,124,586; July 26.
- Morrell, Melvin H., Harrison, Ark. Screwless doorknob. 2,116,707; May 10.
- Morrell, Michael, assignor to B. and H. Brenner, F. De Nicholas, and M. Morrell, Brooklyn, N. Y. Yarn oiler for coning machines. 2,120,110; June 7.
- Morrill, Frank B., assignor to The James Hunter Machine Company, North Adams, Mass. Carbonizing drier. 2,104,135; Jan. 4.
- Morrill, Frank B., assignor to The James Hunter Machine Company, North Adams, Mass. Tenter drier. 2,109,704; Mar. 1.
- Morrill, Myron C., South Plainfield, N. J. Game apparatus. 2,126,572; Aug. 9.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Belt tightener base. 2,119,397; May 31.
- Morrill, Wayne J., and K. A. Killam, Fort Wayne, Ind., assignors to General Electric Company. Split phase motor. 2,124,427; July 19.
- Morris, Bert M., Los Angeles, Calif. Pen. 2,137,500; Nov. 22.
- Morris, Charles E., assignor to Armour and Company, Chicago, Ill. Shortening compound. 2,125,849; Aug. 2.
- Morris, David M. (See Kriegbaum, G. M., and Morris.)
- Morris, Elmer C., Chicago, Ill. Dispensing device for paper napkins. 2,108,825; Feb. 22.
- Morris, Elmer C., Chicago, Ill., assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper napkin. 2,118,472; May 24.
- Morris, Elmer C., Chicago, Ill., assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper napkin. 2,118,473; May 24.
- Morris, Elmer C., Chicago, Ill., assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper napkin. 2,138,425; Nov. 29.
- Morris, Glenn E. (See Morris, Warren L., K. L., and G. E.)
- Morris, Harry, Brooklyn, N. Y. Tool holder and tool. 2,127,231; Aug. 16.
- Morris, Harvey M., Frederick, Md. Jar holder. 2,127,882; Aug. 23.
- Morris, James H., assignor of one-fourth to C. L. Meinholdt, one-half to F. P. Martin, and one-fourth to C. H. Martin, Topeka, Kans. Power actuated mechanism for adjusting the sickle of a mowing machine. 2,129,435; Sept. 6.
- Morris, James R., Perrysburg, Ohio, assignor, by mesne assignments, to G. J. Lincoln, Jr., trustee. Forming articles for manipulating and containing materials. 2,123,543; July 12.
- Morris, John T., Los Angeles, Calif. Perfume applicator. 2,122,580; July 5.
- Morris, Joseph E., Pasadena, Calif. Closure structure. 2,120,986; June 21.
- Morris, Joseph E., Pasadena, Calif. Parking meter. 2,122,351; June 28.
- Morris, Joseph R., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting apparatus. 2,122,261; June 28.
- Morris, Kenneth L. (See Morris, Warren L., K. L., and G. E.)
- Morris, Leopold, Victoria, Tex. Safety razor. 2,127,881; Aug. 23.
- Morris, Lewis. (See Kopp, F., and Morris.)
- Morris, Lonnie A., Thayer, Mo. Pneumatic foot for artificial limbs. 2,126,654; Aug. 9.
- Morris, Mann & Reilly, Inc. (See Felmann, Henri, assignor.)
- Morris, Marion W. (See Catron, H., Dashner, and Morris.)
- Morris, Merchant, near Indianapolis, Ind. Greenhouse glass seal. 2,122,869; July 5.
- Morris, Milton M. (See Cox, W. R., Morris, and Pierce.)
- Morris Packaging Equipment Company. (See Ness, Edward F., assignor.)
- Morris Paper Mills. (See Lehold, S. N., and Powell, assignors.)
- Morris, Paul C., Rye, N. Y. Checkbook holder. 2,110,826; June 7.
- Morris, Robert M., Millburn, and C. P. Sweeney, Teaneck, N. J., assignors to Radio Corporation of America. Ultra short wave system. 2,135,672; Nov. 8.
- Morris, Samuel F., New York, N. Y., and F. Kurmaochi, Tokyo, Japan, assignors to Louis Wolf & Co. Inc., New York, N. Y. Toy. 2,123,143; July 5.
- Morris, Thomas C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,108,018; Feb. 8.
- Morris, Virgil, Daisy, Tenn., assignor to Richmond Hosiery Mills, Rossville, Ga. Machine for and making knitted articles. 2,131,231; Sept. 27.
- Morris, Walter A., assignor to Steelsmiths, Inc., Meriden, Conn. Heatproof service tray. 2,110,342; May 31.
- Morris, Warren A. (See Rowe, W. W., and Morris.)
- Morris, Warren A. (See Spangler, C. L., and Morris.)
- Morris, Warren L., K. L., and G. E., Butte City, Calif. Soil conditioner. 2,126,909; Aug. 16.
- Morris, Wilbert L., Washington, D. C. Pocket lighter and flashlight. 2,117,976; May 17.
- Morrisett, O. L., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Packer for oil wells. 2,122,749; July 5.
- Morrison Brothers Company. (See Glab, William N., assignor.)
- Morrison, Fitzalan H., Berryville, Va. Envelope sealing machine. 2,113,738; Apr. 12.
- Morrison, Frank A., et al., trustees. (See Stanton, Avery H., assignor.)
- Morrison, George, Poughkeepsie, N. Y., and C. Cameron, Hasbrouck Heights, N. J. Time operated controlling means. 2,115,689; Apr. 26.
- Morrison, George O. (See Matheson, H. W., and Morrison.)
- Morrison, James, Brass Manufacturing Company Limited. (See Hughes, Henry, assignor.)
- Morrison, John, Mamaronock, assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Applying pins to flexible brush backs and the like. 2,125,735; Aug. 2.
- Morrison, John R., Hudson, Ohio. Conveyor. 2,134,832; Nov. 1.
- Morrison, Louis K. (See Molloy, L. J., and Morrison.)
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company Inc. System for producing X-ray potential having predetermined wave form. 2,119,682; June 7.
- Morrison, Montford, Montclair, N. J., and A. Simon, Elmhurst, N. Y., assignors, by mesne assignments, to Westinghouse X-Ray Company, Inc. 2,123,018; July 5.
- Morrison, Robert F., Oak Park, assignor to Ditto. Incorporated, Chicago, Ill. Duplicating machine. 2,133,630; Oct. 18.
- Morrison, Simon. (See Sundin, T., and Morrison.)
- Morrison, Simon, New York, N. Y. Lipstick holder or the like. 2,104,902; Jan. 11.
- Morrison, Simon, New York, N. Y. Vanity case. 2,140,036; Dec. 13.
- Morrison, Simon T. (See Davis, A. L., and Morrison.)
- Morrison, Vaughn E., St. Charles, assignor to The Rudolph Wurlitzer Company, DeKalb, Ill. Selective shift for accordions. 2,133,107; Oct. 11.
- Morrison, Willard L., Chicago, Ill. Auto-vent. 2,105,891; Jan. 18.
- Morrison, Willard L., Chicago, Ill. Ventilating device for automobiles. 2,115,036; Apr. 26.
- Morrison, Willard L., Chicago, Ill. Door for automobiles. 2,128,260; Aug. 30.
- Morrison, Willard L., Lake Forest, Ill. Automobile body. 2,111,434; Mar. 15.
- Morrison, Willard L., Lake Forest, Ill. Automobile. 2,121,815; June 28.
- Morrison, Willard L., Lake Forest, Ill. Radiator shell. 2,128,957; Sept. 6.
- Morrison, Willard L., Lake Forest, Ill. Ventilating device for automobiles. 2,131,745; Oct. 4.
- Morrison, Willard L., Lake Forest, Ill. Bumper. 2,131,746; Oct. 4.
- Morrison, Willard L., Lake Forest, Ill. Air cooling and circulating device and process. 2,134,003; Oct. 25.
- Morrison, William N., Los Angeles, Calif. Key ring hook. 2,121,440; June 21.
- Morrison, William R., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill mechanism. 2,124,627; July 26.
- Morrissey, William J., Brooklyn, N. Y. Film feeding mechanism. 2,115,738; May 3.
- Morrissey, William J., Brooklyn, N. Y. Apparatus for producing combined sound and motion picture films. 2,118,894; May 31.
- Morrissey, William J., Brooklyn, N. Y. Motion picture projector. 2,124,587; July 26.
- Morrow, Bayard S. (See Hull, M. R., Morrow, and Casto.)
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Water heater. 2,112,655; Mar. 29.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Separator for underfired domestic water heaters. 2,126,969; Aug. 16.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Valve resetting device. 2,132,749; Oct. 11.
- Morrow, John C., assignor to Morrow Lubricator Company, Chicago, Ill. Lubricator valve construction. 2,104,903; Jan. 11.
- Morrow, John C., assignor to Morrow Lubricator Company, Chicago, Ill. Tip. 2,104,904; Jan. 11.
- Morrow, John C., assignor to Morrow Lubricator Company, Chicago, Ill. Lubricator construction. 2,104,905; Jan. 11.
- Morrow, John C., assignor to Morrow Lubricator Company, Chicago, Ill. High pressure hand lubricator. 2,138,494; Aug. 30.
- Morrow Lubricator Company. (See Morrow, John C., assignor.)



- Morschel, Heinrich, Leverkusen-Wiesdorf, E. Rimele, Leverkusen-I. G. Werk, and F. Gund, Cologne, Germany, assignors to General Aniline Works, Inc. New York, N. Y. Water-insoluble azo dyestuffs. 2,127,897; Aug. 23.
- Morschel, Heinrich, Cologne-Deutz, and O. Goll, Leverkusen I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,134,728; Nov. 1.
- Morschel, Heinrich, Cologne-Deutz, and O. Goll, Leverkusen I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs. 2,135,469; Nov. 1.
- Morse Andrews Co. (See Morse, William J., assignor.)
- Morse, Arthur H., assignor to The Baldwin Company, Cincinnati, Ohio. Piano key connection. 2,119,598; June 7.
- Morse Boulder Destructor Company. (See Thomas, Herbert W., assignor.)
- Morse Bros. Machinery Company. (See Morse, George G., assignor.)
- Morse, Carrie E., administratrix. (See Morse, Robert B.)
- Morse, Clarence F. (See Davidson, B. F., and Morse.)
- Morse & Driscoll, Inc. (See Carver, Claude D., assignor.)
- Morse, George G., assignor to Morse Bros. Machinery Company, Denver, Colo. Impeller and lining construction. 2,115,997; May 3.
- Morse, Harold F., Southport, Conn., assignor to General Electric Company. Combined ceiling fan and light. 2,119,398; May 31.
- Morse, Hattie W., Minneapolis, Minn. Solitaire board. 2,115,276; Apr. 26.
- Morse, Herbert B. (See Albion, Charles M., assignor.)
- Morse, Herman E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Molding washers in heels. 2,110,091; Mar. 1.
- Morse, James W., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Method for determining the alignment of dirigible vehicle wheels. 2,108,383; Feb. 15.
- Morse, James W., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Balance tester. 2,136,633; Nov. 15.
- Morse, James W., and C. S. Phillips, Lansing, Mich., assignors to Food Machinery Corporation, San Jose, Calif. Turntable for wheel aligners. 2,135,195; Nov. 1.
- Morse, Lockhart & Morse, Inc. (See Morse, L. H., and Smith, assignors.)
- Morse, Lynn H., Natick, and T. F. Smith, Atlantic, assignors to Morse, Lockhart & Morse, Inc., Cambridge, Mass. Gas meter. 2,115,208; Apr. 26.
- Morse, Richard S., assignor to Eastman Kodak Company, Rochester, N. Y. Sound reproducing apparatus. 2,129,227; Sept. 6.
- Morse, Richard S., and W. K. Grimwood, assignors to Eastman Kodak Company, Rochester, N. Y. Sound reproducing apparatus. 2,113,332; Apr. 5.
- Morse, Robert B., deceased, Hyattsville, Md., by C. E. Morse, administratrix. Liquid purification plant. 2,129,181; Sept. 6.
- Morse, Robert V., Ithaca, N. Y. Pneumatic jack. 2,140,325; Dec. 13.
- Morse, Robert V., Ithaca, N. Y. Cosmorama. 2,140,326; Dec. 13.
- Morse, Stanley H. (See Higham, W. W., and Morse.)
- Morse, Sterne, Richmond Heights, Ohio, assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Apparatus for refrigeration. 2,135,875; Nov. 8.
- Morse, William E., Rapid City, S. Dak. Distension douche. 2,106,433; Jan. 25.
- Morse, William J., Attleboro, Mass., assignor to Morse Andrews Co. Tie holder construction. 2,134,394; Oct. 25.
- Morsegraph, Inc. (See Korndorfer, C. J., and Hand, assignors.)
- Morseth, Leif, Frydenberg, Ostre Aker, near Oslo, assignor to Aktieselskapet Per Kure, Norsk Motor & Dynamofabrik, Oslo, Norway. Machine for the manufacture of ribbed piping. 2,107,831; Feb. 8.
- Mort, Ralph H., et al. (See Lofstedt, William J., assignor.)
- Mortellaro, Frank. (See Jones, L. L., and Mortellaro.)
- Mortensen, Cornelius, Louisville, Ky. Liquid treating and handling apparatus. 2,130,098; Sept. 13.
- Mortensen, Martin, Verdi, Nev. Gate. 2,109,300; Feb. 22.
- Mortensen, Nels C. (See McGuire, Earl F., assignor.)
- Mortenson, John, Canton, Ohio. Furnace. 2,105,004; Jan. 11.
- Mortier, Henri, Clichy, France. Relay for fuel gauges. 2,121,816; June 28.
- Mortier, Henri, Clichy, France. Automatic oil heater. 2,133,394; Oct. 18.
- Mortimore, James E., Stratford, Conn. Combined nozzle and valve. 2,133,147; Oct. 11.
- Morton, Agnes W., Radlett, England. Portable sun and wind shelter for beach or like use. 2,118,474; May 24.
- Morton, Allen W., Baltimore, Md., assignor, by mesne assignments, to Koppers Company. Packing ring. Re. 20,674; Mar. 15.
- Morton, Charles, Pawtucket, R. I., assignor to J. & P. Coats (Rhode Island) Incorporated. Builder motion for textile machinery. 2,122,434; July 5.
- Morton, Charles D., Greenfield, Ind. Lock-pin construction for fixed bridgework. 2,129,861; Sept. 13.
- Morton, Edmund R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring circuits. 2,112,541; Mar. 29.
- Morton, Harold S., St. Paul, Minn. Method and apparatus for controlling fuel beds. 2,104,883; Jan. 11.
- Morton, Henry J. (See Haskell, R. R., and Morton.)
- Morton, James, Tuether, Carlisle, assignor to F. N. F. Limited, Croydon, Surrey, England. Mold for parts of knitting machinery. 2,120,502; June 14.
- Morton, James, and R. S. E. Hannay, assignors to F. N. F. Limited, Purly Way, Croydon, England. Knitting machinery. 2,106,434; Jan. 25.
- Morton, James E., assignor of one-fourth to Mechanical Parking Patents, Inc., Chicago, Ill. Control system for conveyers. 2,113,308; Apr. 5.
- Morton, Lawrence D., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Building insulation. 2,123,761; July 12.
- Morton, Lysie W., Schenectady, and R. G. Lorraine, Scotia, N. Y., assignors to General Electric Company. Electric control system. 2,128,162; Aug. 23.
- Morton, Philip, Cincinnati, Ohio. Display sign. 2,134,833; Nov. 1.
- Morton, Vincent W., San Francisco, and M. F. Schweiger, Berkeley, Calif. Douche apparatus. 2,117,622; May 17.
- Morton, Wade D., Gloucester City, and W. E. Haupt, Westville, assignors to Automatic Drive & Transmission Company, Gloucester City, N. J. Clutch and transmission mechanism. 2,107,954; Feb. 8.
- Morton, Walter, assignor of one-half to E. D. Lane, Windsor, Ontario, Canada. Tape machine. 2,133,868; Oct. 18.
- Morton, William A. (See Spencer, H. F., and Morton.)
- Morton, William A., assignor to Amco, Incorporated, Pittsburgh, Pa. Glass melting furnace. 2,110,736; Mar. 8.
- Morton, William A., Pittsburgh, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Glass feeding apparatus and method. 2,113,963; Apr. 12.
- Morton, William A., Mount Lebanon, assignor to Amco, Incorporated, Pittsburgh, Pa. Melting and refining glass. 2,123,544; July 12.
- Morton, William A., Mount Lebanon, assignor to Amco, Incorporated, Pittsburgh, Pa. Open hearth furnace. 2,126,272; Aug. 9.
- Morton, William A., Mt. Lebanon, and H. F. Spencer, Pittsburgh, assignors to Amco, Incorporated, Pittsburgh, Pa. Recuperative soaking pit furnace. 2,124,888; July 26.
- Morton, William A., Mount Lebanon, and H. A. Moore, and H. A. Roth, Wilkinsburg, assignors to Amco, Incorporated, Pittsburgh, Pa. Article transfer and loading device. 2,135,986; Nov. 8.
- Mortus, Benjamin H., Shaker Heights, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Nut tapping machine. 2,111,295; Mar. 15.
- Morvillo, Amedeo, Providence, R. I., assignor to Spear & Susskind. Collar holder. 2,141,012; Dec. 20.
- Morway, Arnold J. (See Zimmer, J. C., and Morway.)
- Morway, Arnold J., New York, N. Y., assignor to Standard Oil Development Company. Pressure bearing lubricating oil. 2,109,779; Mar. 1.
- Mosaic Tile Company, The, et al. (See Philo, Frank A., assignor.)
- Mosel, George H. (See Robison, R., and Mosel.)
- Moseley, Charles F., Bartlesville, Okla. Fishing tool. 2,108,499; Feb. 15.
- Moseley, Charles F., Bartlesville, Okla. Tubing stop. 2,108,605; Feb. 15.
- Moseley, Francis L., Pelham, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrical control system. 2,126,910; Aug. 16.
- Moseley, Francis L., Pelham, W. T. Cooke, Pelham Manor, N. Y., and C. A. Frische, Leonia, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Follow-up system for gyro compasses. 2,139,558; Dec. 6.
- Moseley, Tomlinson I., assignor to Dalmo Sales Corporation, San Francisco, Calif. Awning type window. 2,109,973; Mar. 1.
- Moseley, Tomlinson I., assignor to Dalmo Sales Corporation, San Francisco, Calif. Closure fastener. 2,120,111; June 7.
- Moseley, Tomlinson I., assignor, by mesne assignments, to Crocker First National Bank of San Francisco, San Francisco, Calif. Closure fastener. 2,138,933; Dec. 6.
- Moser, Albert W., et al. (See Pless, Ernst, assignor.)
- Moser, Aurelius B., San Francisco, Calif. Collar clasp. 2,136,802; Nov. 15.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Motor fuel composition. 2,107,059; Feb. 1.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treating of motor fuels. 2,109,866; Mar. 1.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treating mineral oils. 2,124,531; July 26.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacturing lubricants. 2,124,628; July 26.



- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Organic peroxide compositions. 2,133,733; Oct. 18.
- Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Noncorrosive lubricating oil. 2,133,734; Oct. 18.
- Moser, Franz R., Amsterdam, Netherlands, and M. C. Tuyn, Pladjoe, Netherlands East Indies, assignors to Shell Development Company, San Francisco, Calif. Extreme pressure lubricant. 2,136,885; Nov. 15.
- Moser, Karl R., Elizabeth, N. J. Apparatus for making core boxes. 2,116,248; May 3.
- Moser, Robert E., assignor to Rosedale Knitting Co., Inc., Reading, Pa. Yarn winding machine. 2,107,385; Feb. 8.
- Moser, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radiant energy guide channel. 2,112,301; Mar. 29.
- Moser, Wilhelm, Riehen, near Basel, and W. Fioroni, Binningen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Dye-stuffs of the anthraquinonenaphthacridone series and making same. 2,132,829; Oct. 11.
- Moser, Wilhelm, Riehen, and W. Fioroni, Binningen, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Anthraquinone-naphthacridone dyestuff. 2,136,146; Nov. 8.
- Moses, Charles, New York, N. Y. Knitted fabric. 2,114,483; Apr. 19.
- Moses, Edwin P., White Plains, N. Y. Car underframe structure. 2,115,037; Apr. 26.
- Moses, Edwin P., White Plains, N. Y. Railway car structure. 2,115,038; Apr. 26.
- Moses, Nicholas P., Chicago, assignor to Mid-West Wall Paper Mills, Joliet, Ill. Wallpaper display catalogue. 2,135,590; Nov. 8.
- Mosher, Asa H., Westfield, N. J. Battery filling device. Re. 20,627; Jan. 18.
- Mosher, Ten Eyck T., Peacedale, Glenmont, N. Y. Eraser holder. 2,117,443; May 17.
- Mosicavice, Andrew, Detroit, Mich. Flush tank. 2,112,407; Mar. 29.
- Moskovics, Frederick E., Greenwich, Conn., and V. R. Abrams, Maplewood, N. J. Shaving apparatus. 2,119,021; May 31.
- Mosler Safe Company, The. (See Bates, C. J., and Del Grosso, assignors.)
- Mosley, John H. (See Fermann, J. A., and Mosley.)
- Mosmieri, Leonardo, and G. Dal Pino, Florence, Italy, assignors, by mesne assignments, to The American Securit Company. Device for tempering sheets of glass, of steel, and other material, by air. 2,131,406; Sept. 27.
- Moss, Annabelle. (See Jarrett, George E., assignor.)
- Moss, Benjamin F. (See Carpenter, O. I., and Moss.)
- Moss, Charles McL., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lamp socket. 2,125,082; July 26.
- Moss, Douglas G. K., Sanderstead, England. Gyroscopic navigational instrument. 2,128,956; Sept. 6.
- Moss, Elias. (See Newmark, M., and Moss.)
- Moss, Everett W., Wichita Falls, Tex. Detachable shoe heel. 2,111,898; Mar. 22.
- Moss, Frances R., Brooklyn, N. Y. Portemonnaie construction. 2,127,067; Aug. 16.
- Moss, Herbert H., Brooklyn, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welded metal car and assembling same. 2,140,268; Dec. 13.
- Moss, Howard. (See Montgomery, James A., assignor.)
- Moss, Thomas R., Dyersburg, Tenn. Ashtray and coaster. 2,105,157; Jan. 11.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Protective covering. 2,105,489; Jan. 18.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Compositions of matter. 2,105,952; Jan. 18.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Manufacture of composite articles. 2,112,249; Mar. 29.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Manufacture and use of synthetic resins. 2,123,249; July 12.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Sulphonamide compounds. 2,138,934; Dec. 6.
- Mossback, William, Seattle, Wash. Tire grooving tool. 2,140,478; Dec. 13.
- Mossberg, Frank, Attleboro, Mass. Fire extinguisher. 2,115,371; Apr. 26.
- Mossberg, Frank, Attleboro, Mass. Ribless beam head. 2,126,970; Aug. 16.
- Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Incorporated, New Haven, Conn. Repenting firearm. 2,105,752; Jan. 18.
- Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Sight for firearms. 2,132,489; Oct. 11.
- Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Sight for firearms. 2,132,490; Oct. 11.
- Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Telescope sight. 2,138,067; Nov. 29.
- Mossberg, O. F., & Sons, Inc. (See Mossberg, Harold F., assignor.)
- Mossberg Pressed Steel Corporation. (See Olson, R. V., and Swenson, assignors.)
- Mosser, Paul L. (See Kull, F. F., and Mosser, assignors.)
- Most, Lucifer J., Arlington, N. J., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Decorating plastic articles. 2,127,043; Aug. 16.
- Mote, William K., Cushing, Okla. Agricultural machine. 2,111,030; Mar. 15.
- Moth, Clifford C. (See Benoit, L., and Moth, assignors.)
- Motherwell, Joseph W. (See Baker, H. S., and Motherwell.)
- Motion Picture Electric Products. (See Bardwell, Cecil, assignor.)
- Motion Picture Electric Products. (See Bardwell, C., Erickson, and Rose, assignors.)
- Motley, Lewis, Staines, England. Rotary crude oil burner. 2,140,244; Dec. 13.
- Moto-Mower Co. (See Blydenburgh, Harold L., assignor.)
- Motok, George T. (See Smith, E. C., and Motok.)
- Motoraktieselskapet. (See Gross, Court, assignor.)
- Motor City Tool Co. (See Amico, Joseph, assignor.)
- Motor Improvements, Inc. (See Williams, L. W., and Arnold, assignors.)
- Motor Products Corporation. (See Kellogg, Homer G., assignor.)
- Motor Products Corporation. (See Mackey, Henry W., assignor.)
- Motor Products Corporation. (See MacLean, Clyde T., assignor.)
- Motor Products Corporation. (See Thunder, Harold G., assignor.)
- Motor Research Corporation. (See Day, Ray E., assignor.)
- Motor Research Corporation. (See Diamond, Paul S., assignor.)
- Motor Terminals Company. (See Fitch, Benjamin F., assignor.)
- Motor Terminals Company. (See Fitch, B. F., and Norbom, assignors.)
- Motor Terminals Company. (See Norbom, Ragnar A., assignor.)
- Motor Terminals, Inc. (See Fitch, Benjamin F., assignor.)
- Motor Wheel Corporation. (See Horn, Harry J., assignor.)
- Motor Wheel Corporation. (See Horn, H. J., and Axtmann, assignors.)
- Motor Wheel Corporation. (See Hunt, J. Harold, assignor.)
- Motor Wheel Corporation. (See Johnson, Stanley N., assignor.)
- Motor Wheel Corporation. (See Schmidt, Frank W., assignor.)
- Motor Wheel Corporation. (See Van Halteren, Andrew S., assignor.)
- Moto-Sway Corporation of America. (See Claus, Ernst C., assignor.)
- Motsinger, Armand V., Aberdeen, Md. Gas mask. 2,116,492; May 3.
- Motsinger, John B., Lakewood, Ohio, assignor to American Sales Book Company Inc., Niagara Falls, N. Y. Continuous interleaved record. 2,108,500; Feb. 15.
- Mott, Frederick R., assignor to Yarnall-Waring Company, Philadelphia, Pa. Oven valve and the like. 2,141,614; Dec. 27.
- Mott, Howard V. S., Cranston, R. I. Shoe fitting index. 2,109,780; Mar. 1.
- Mott, Howard V. S., Cranston, R. I. Shoe fitting apparatus. 2,141,193; Dec. 27.
- Mott-Smith, Lewis M., Houston, Tex. Torsion gravimeter. 2,130,648; Sept. 20.
- Mottern, Hugh H. (See Blanck, F. C., Swenson, Mottern, Goresline, and Nelson.)
- Motto, Charles E., et al. (See Tufts, Carl R., assignor.)
- Mottur, Alfred R., Brooklyn, N. Y. Stopper and making the same. 2,125,123; July 26.
- Motycka, Joseph, South Manchester, Conn., assignor, by mesne assignments, to J. G. De Remel Research Corporation, Union City, N. J. Washing machine. 2,137,540; Nov. 22.
- Mouat, John A. (See Raymer, Guy N., assignor.)
- Mouchel, L. G., and Partners, Limited, et al. (See Elmer, Robert B., assignor.)
- Mould, William A., Loughborough Junction, Camberwell, London, England. Joke beer. 2,140,327; Dec. 13.
- Mould, William A., Loughborough Junction, Camberwell, London, England, assignor to Tryit Novelty Company, Brooklyn, N. Y. Imitation drink. 2,111,760; Dec. 27.
- Moulet, Jean L. A., A., Boulogne sur Seine, assignor to Martin Moulet & Cie., Oullins, France. Liquid fuel pump. 2,111,000; Mar. 15.
- Moulet, Martin, & Cie. (See Moulet, Jean L. A., A., assignor.)
- Moulin, Pierre L., Paris, France, assignor to Eugene, Ltd., New York, N. Y. Sachet for treating and waving hair. 2,116,079; May 3.
- Moullin, Eric B., Oxford, England, assignor to Radio Corporation of America. Thermionic oscillation generator. 2,118,414; May 24.
- Moulton, Rollin H. (See Nohe, I. A., and Moulton.)



- Moulton, Rollin H., Western Springs, assignor to Soy Bean Products Co., Chicago, Ill. Soy bean flour. 2,135,591; Nov. 8.
- Moulton, Rollin H., Western Springs, assignor to Soy Bean Products Co., Chicago, Ill. Soy bean nuts. 2,135,592; Nov. 8.
- Mounce, Whitman D. (See Rust, W. M., Jr., and Mounce.)
- Mount Arbor Nurseries. (See Lumry, Carl C., assignor.)
- Mount Diablo Wine Association. (See Fessler, J. H., and Johnson, assignors.)
- Mount Hope Finishing Company. (See Robertson, J. D., and Staples, assignors.)
- Mt. Vernon Car Mfg. Co. (See Arthurs, D. C., and Guyer, assignors.)
- Mt. Vernon-Woodberry Mills, Inc. (See Whittier, Benjamin L., assignor.)
- Mounting and Finishing Co., The. (See Bacon, Charles J., assignor.)
- Mountjoy, Garrard. (See Foster, D. E., and Mountjoy.)
- Mountjoy, Garrard, Bayside, N. Y., assignor to Radio Corporation of America. Automatic frequency control circuit. 2,135,946; Nov. 8.
- Mountjoy, Garrard, Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Signal selector circuits. 2,137,475; Nov. 22.
- Mountjoy, Garrard, Manhasset, N. Y., and D. E. Foster, South Orange, N. J., assignors to Radio Corporation of America. Automatic frequency control system. 2,128,661; Aug. 30.
- Mounts, Melvin T. (See Winkler, F. W., Mooney, Kuzell and Mounts.)
- Mouradian, Hughes, Philadelphia, Pa. Negative impedance repeater system. 2,137,696; Nov. 22.
- Mourne, John E. (See Williams, A., Mourne, and Henkel.)
- Mouromtseff, Ilya E., and H. N. Kozanowski, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Modulation. 2,130,893; Sept. 20.
- Mouromtseff, Ilya E., and H. V. Noble, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,138,935; Dec. 6.
- Mousset, André G., St-Mande, France. Machine for stitching shoes. 2,132,797; Oct. 11.
- Movius, John W., Lidgerwood, N. Dak. Marker. 2,114,083; Apr. 12.
- Mowery, John N., Worcester, Mass. Sprinkler head. 2,120,620; June 14.
- Mowlds, Kenneth S., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Lithopone and making same. 2,115,039; Apr. 26.
- Mowlds, Kenneth S., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Making red pigments. 2,115,739; May 3.
- Mowlds, Kenneth S., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Lithopone and making same. 2,134,198; Oct. 25.
- Mowrey, L. D., et al. (See Hill, Richard D., assignor.)
- Mowry, William W., New York, N. Y., assignor to The Kelley-Koett Manufacturing Company, Inc., Covington, Ky. Integrating X-ray apparatus. 2,136,116; Nov. 8.
- Moxley, William M., Kansas City, Mo. Ball. 2,113,159; Apr. 5.
- Moxley, William M., Kansas City, Mo. Lantern base support and lamp socket. 2,127,133; Aug. 16.
- Moyer, Amos F., Minneapolis, Minn., assignor to Toro Manufacturing Corporation of Minnesota. Extensible gang lawn mower. 2,139,200; Dec. 6.
- Moyer, George, Chicago, Ill., assignor to Riley Stoker Corporation, Worcester, Mass. Furnace. 2,110,452; Mar. 8.
- Moyer, Gilbert L. (See Winkler, F. C., and Moyer.)
- Moyer, Howard H., assignor to Richmond Manufacturing Company, Lockport, N. Y. Increasing the separating capacity of grain separating cylinders. 2,119,997; June 7.
- Moyer, Howard R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Molded article. 2,117,902; May 17.
- Moyer, Samuel P., and P. H. Long, assignors to The American Rolling Mill Company, Middletown, Ohio. Shears. 2,107,577; Feb. 8.
- Moyer, Wendell W., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Producing diazamine compounds. 2,133,037; Oct. 11.
- Moyes, Seoris M., assignor of two-fifths to E. M. Stagnaro, Stockton, Calif. Sink partition insert. 2,109,089; Feb. 22.
- Mozier, Albert W., Plainfield, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Valve construction. 2,140,328; Dec. 13.
- Mozonchak, John, Olyphant, Pa. Inclinator. 2,111,673; Mar. 22.
- Muchow, Albert J., Scotia, N. Y., assignor to General Electric Company. Sound producing device. 2,117,903; May 17.
- Muckle, Paul A., Denver, Colo. Electric vibrator and heater. 2,135,312; Nov. 1.
- Mudd, Thomas A., assignor of one-half to W. Jones, Decatur, Ill. Sliced bread holder. 2,117,566; May 17.
- Muddford, Harry D., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of artificial silk. 2,132,491; Oct. 11.
- Mudrick, Morris, Los Angeles, Calif. Fiber picker. 2,134,312; Oct. 25.
- Muehlbauer, Fritz. (See Holzach, K., and Muehlbauer.)
- Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Non-interfering successive signaling system. 2,109,273; Feb. 22.
- Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Annunciator recorder system. 2,126,025; Aug. 9.
- Muelberger, Eric, Jr., San Francisco, Calif. Safety razor sharpener. 2,116,582; May 10.
- Mueller, Arthur W., Cincinnati, assignor to The Frick-Gallagher Mfg. Co., Wellston, Ohio. Rotatable bin. 2,118,444; May 24.
- Mueller Brass Co. (See Gray, J. E., and Parker, assignors.)
- Mueller Brass Co. (See Rader, H. K., and Gray, assignors.)
- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Top feed mechanism for sewing machines. 2,106,106; Jan. 18.
- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Top feed mechanism for sewing machines. 2,109,014; Feb. 22.
- Mueller Co. (See Condé, Loie, assignor.)
- Mueller Co. (See Mueller, Robert H., assignor.)
- Mueller-Cunradi, Martin. (See Otto, M., and Mueller-Cunradi.)
- Mueller-Cunradi, Martin, M. Otto, W. Daniel, and R. Werner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Compositions of matter. 2,124,235; July 19.
- Mueller-Cunradi, Martin, and R. Uloth, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Refining mineral lubricating oils. 2,128,958; Sept. 6.
- Mueller Electric Company. (See Flynn, Alfred A., assignor.)
- Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Slack adjuster. 2,126,652; Aug. 9.
- Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Brake head balancing device. 2,130,595; Sept. 20.
- Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Brake mechanism. 2,132,994; Oct. 11.
- Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Link structure. 2,133,631; Oct. 18.
- Mueller, Emil L., Rutherford, N. J. Removing and replacing knives of paper cutting machines. 2,113,598; Apr. 12.
- Mueller, Erich O., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Salient-pole construction for electric machines. 2,114,887; Apr. 19.
- Mueller, Ervin H., Detroit, Mich. Coupling. 2,127,611; Aug. 23.
- Mueller, Ervin H., Grosse Pointe Park, Mich. Valve for pilot light devices. 2,133,395; Oct. 18.
- Mueller, Eugen, Ludwigshafen-on-the-Rhine, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Gold, silver, and bismuth alicyclic mercapto-compounds. 2,111,151; Mar. 15.
- Mueller, Friedrich W. (See Farnham, I. R., Sturm and Mueller.)
- Mueller, Henry, and H. E. Walters, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Means for casting rolls. 2,104,906; Jan. 11.
- Mueller, Hilda E., Schenectady, N. Y. Garment stretcher. 2,113,032; Apr. 5.
- Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Coaster brake. 2,108,501; Feb. 15.
- Mueller, Joachim. (See Koeberle, K., and Mueller, assignors.)
- Mueller, Joachim. (See Krzikalla, H., Eistert, Mueller, and Thurm.)
- Mueller, Max, New York, N. Y. Sound device for fluid boilers. 2,137,805; Nov. 22.
- Mueller, Otto, Toledo, Ohio. Manual control for automobile generators. 2,105,926; Jan. 18.
- Mueller, Otto, assignor of one-half to R. R. Strub, Toledo, Ohio. Mechanical movement. 2,108,991; Feb. 22.
- Mueller, Otto, Dearborn, Mich. Manual control for automobile generators. 2,107,899; Feb. 8.
- Mueller, Otto, Dearborn, Mich. Pneumatic hammer. 2,132,962; Oct. 11.
- Mueller, Robert A., and J. R. Yancey, Houston, Tex., assignors to Gray Tool Company. Setting and equipping casing in wells and drilling under control. 2,117,444; May 17.
- Mueller, Robert H., assignor to Mueller Co., Decatur, Ill. Rod joint or coupling. 2,140,245; Dec. 13.
- Mueller, Walter. (See Libovitz, H., Mueller, and Pfeiffer.)
- Mueller, William A., Hollywood, assignor to United Research Corporation, Burbank, Calif. Microphone boom. 2,122,778; July 5.
- Mueller, William A., Hollywood, assignor to United Research Corporation, Burbank, Calif. Sound recording. 2,125,390; Aug. 2.
- Mueller, William A., Hollywood, assignor to United Research Corporation, Burbank, Calif. Sound recording. 2,131,294; Sept. 27.



- Muench, Frank J., Newark, N. J. Blending machine. 2,108,502; Feb. 15.
- Muench, Herbert. (See Immendoerfer, E., Loewe, and Muench.)
- Muench, Herbert, Mannheim, and H. Loewe, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tanning agents and producing the same. 2,141,276; Dec. 27.
- Muenster, Wilhelm. (See Koeberle, K., Muenster, and Schneider.)
- Muenster, Wilhelm, Ludwigshafen-on-the-Rhine, W. Bauer, Leverkusen, K. Koeberle and M. Bertl, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Leuco esters of the anthraquinone series. 2,135,258; Nov. 1.
- Mues, Otto, Frankfurt-on-the-Main-Schwanheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetylene. 2,122,889; July 5.
- Muffy, Glenn, Richmond, Mich. Refrigerator. 2,137,541; Nov. 22.
- Mugdan, Martin. (See Sixt, J., and Mugdan.)
- Muggah, John. (See Robitaille, R., and Muggah.)
- Muhl, Charles H. (See Schafer, K. A., Muhl, Opel, and Beissman.)
- Muir, Andrew C., Lansdowne, and W. C. Griffiths, Narberth, Pa. Furnace. 2,116,322; May 3.
- Muir, Peter A. (See Mayer, Jerome M., assignor.)
- Muir, Roy C., Schenectady, N. Y., assignor to General Electric Company. Automatic temperature regulation. 2,130,894; Sept. 20.
- Muirhead, Alfred R., assignor to The Lummus Cotton Gin Company, Columbus, Ga. Locking device. 2,136,147; Nov. 8.
- Mulcahy, James H., Los Angeles, Calif. Can opener and sealers. 2,131,596; Sept. 27.
- Mulch, Hans, Wetzlar-Niedergirmes, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Film operating mechanism for cameras. 2,138,068; Nov. 29.
- Mulder, Johannes G. W. (See Duinker, D. M., and Mulder.)
- Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Flashlight. 2,119,486; May 31.
- Muldowney, John, St. Clair, Pa. Automatic cut-off for electric irons. 2,109,181; Feb. 22.
- Mulert, Erika A. (See Schmidt, Wilhelm.)
- Mulert, Hans J. (See Schmidt, Wilhelm, assignor.)
- Mulford, Logan W., Kew Gardens, N. Y. Building block, rooflight, and the like. 2,111,569; Mar. 22.
- Mulford, Logan W., Long Island City, N. Y. Ventilating skylight. 2,138,189; Nov. 29.
- Mulholland, David E., Reading, Pa. Abrasive sleeve and forming the same. 2,106,186; Jan. 25.
- Mulholland, David E., Niagara Falls, N. Y., assignor to General Abrasive Company, Inc. Abrasive wheel. 2,115,210; Apr. 26.
- Mulholland, David E., Niagara Falls, N. Y., and W. S. Mulholland, Upper Montclair, N. J., assignors to General Abrasive Company, Inc. Abrasive wheel and using same. 2,115,209; Apr. 26.
- Mulholland, Vergil, West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Weir for glass making tank. 2,127,087; Aug. 16.
- Mulholland, Walter S. (See Mulholland, David E. and W. S.)
- Mulholland, William M. (See Coe, J. S., and Mulholland.)
- Muller, Michael A., New York, N. Y. Traffic guide. 2,129,503; Sept. 6.
- Mulka, August F., Dortmund, assignor to Erich Krause, Berlin, Germany. Dust-, gas-, and water-proof sliding clasp fastener for boots and other articles. 2,124,206; July 19.
- Mull, Arthur B., Appleton, assignor to Marathon Paper Mills Company, Rothschild, Wis. Display unit. 2,106,153; Jan. 18.
- Mull, Arthur B., Appleton, assignor to Marathon Paper Mills Company, Rothschild, Wis. Display construction. 2,116,908; May 10.
- Mull, Arthur B., Appleton, assignor to Marathon Paper Mills Company, Rothschild, Wis. Display unit. 2,119,085; May 31.
- Mull, Arthur B., Appleton, and A. E. Pradt, Menasha, assignors to Marathon Paper Mills Company, Rothschild, Wis. Display unit. 2,139,377; Dec. 6.
- Mullan, Daniel, Kearny, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Exhaust valve for lamp making machines. 2,113,798; Apr. 12.
- Mullen, Edwin J., New Rochelle, assignor to General Chemical Company, New York, N. Y. Roasting ore. 2,104,091; Jan. 4.
- Mullen, Edwin J., New Rochelle, assignor to General Chemical Company, New York, N. Y. Roasting ores. 2,108,592; Feb. 15.
- Mullen, Edwin J., New Rochelle, assignor to General Chemical Company, New York, N. Y. Process and apparatus for roasting ores. 2,108,593; Feb. 15.
- Mullen, Edwin J., New Rochelle, assignor to General Chemical Company, New York, N. Y. Roasting ores. 2,113,058; Apr. 5.
- Mullen, George W., Flushing, N. Y. Method and apparatus for dispersing peetin and the like. 2,126,911; Aug. 16.
- Mullen, Raymond F., assignor to General Motors Corporation, Rochester, N. Y. Steam heater for automobiles. 2,131,635; Sept. 27.
- Mullen, Thomas W., assignor to Bowes Seal-Fast Corporation, Indianapolis, Ind. Casing repair. 2,125,578; Aug. 2.
- Mullens, Orla R., El Paso, Tex. Automobile door accessory. 2,139,312; Dec. 6.
- Müller, Adalbert, Augsburg, Germany. Production of emulsions. 2,111,402; Mar. 15.
- Müller, Adolf, Niedersieditz, near Dresden, Germany. Device for separating a mixture of fine and coarse material particles. 2,131,451; Sept. 27.
- Müller, Adolf M., Chemnitz, Germany. Knitting machine. 2,123,739; July 12.
- Müller, Arthur, assignor to the firm Kortling & Mathiesen Aktiengesellschaft, Leipzig-Leutzsch, Germany. Arc lamp. 2,136,309; Nov. 8.
- Müller, Bernhard, Berlin-Charlottenburg, assignor to Rutgerswerke Aktiengesellschaft, Berlin, Germany. Manufacturing noninflammable articles of organic fibrous materials. 2,128,782; Aug. 30.
- Müller, C. H. F., Aktiengesellschaft. (See Völkel, Leopold, assignor.)
- Müller, Carl W., assignor to "Universelle" Cigarettenmaschinen/J. C. Müller & Co., Dresden, Germany. -Fabrik. Box for packaging cigarettes. 2,113,277; Apr. 5.
- Müller, Charles A., New York, N. Y. Shelf-sharpening safety razor. 2,112,042; Mar. 22.
- Müller, Christian G., Somerset, Mass. Generator brush grinder. 2,112,994; Apr. 5.
- Müller, Curt, Berlin-Wilmersdorf, Germany. Electric iron. 2,122,694; July 5.
- Müller, Ernst F. (See Bird, B. M., and Müller.)
- Müller, Ernst F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, Jig. 2,132,750; Oct. 11.
- Müller, Ferdinand C. H. (See Pilliod, T. J., and Müller.)
- Müller, Fritz. (See Scherer, O., Schumacher, and Müller.)
- Müller, Fritz, O. Scherer, and W. Schumacher, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Trifluoromethylphenylsulphides, oxidation products thereof, and preparing the same. 2,108,606; Feb. 15.
- Müller, Fritz, W. Schumacher, and O. Scherer, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs insoluble in water and fiber dyed therewith. 2,127,471; Aug. 16.
- Müller, Gustav. (See Loebe, W. W. Müller, and Weinmann.)
- Müller, Hans. (See Freese, H., and Müller.)
- Müller, Heinrich, Nuremberg, Germany. Toy actuated by means of a spring-driven clockwork. 2,112,408; Mar. 29.
- Müller, Heinrich, Nuremberg, K. Vogl, Muhlhof auf d. Schanz, and F. Sorg, Nuremberg, Germany; said Vogl and Sorg assignors to said Müller. Toy or amusement device. 2,115,315; Apr. 26.
- Müller, Heinrich, Nuremberg, K. Vogl, Muhlhof-on-the-Schanz, and A. Wich, Furth, Germany; said Vogl and said Wich assignors to said Müller. Blow switch operated toy. 2,133,038; Oct. 11.
- Müller, Jacques, La Garenne-Colombes, France. Device for emptying tanks. 2,104,493; Jan. 4.
- Müller, John, Philadelphia, Pa., assignor to Commercial Solvents Corporation, New York, N. Y. Fermentation mash. 2,123,078; July 5.
- Müller, John, Philadelphia, Pa., assignor to Commercial Solvents Corporation, New York, N. Y. Production of neutral solvents by fermentation. 2,132,039; Oct. 4.
- Müller, Julius F. (See Steik, K. T., and Müller.)
- Müller, Leonore B., New York, N. Y. Ornamental device. 2,141,402; Dec. 27.
- Müller, Louis, & Cie S. A., Fabrique d'horlogerie "La Champagne". (See Annen, Robert, assignor.)
- Müller, Max, and R. Rattl, assignors to the firm Durand & Huguenin S. A., Basel, Switzerland. Mordant azo-dyestuffs and making same. 2,134,453; Oct. 25.
- Müller, Oscar F., Glen Ridge, N. J., assignor to Nyanza Color & Chemical Co., Inc., New York, N. Y. Coating, sizing, and finishing compositions. 2,127,650; Aug. 23.
- Müller, Oscar F., Glen Ridge, N. J., assignor to Dri-Wear, Inc., New York, N. Y. Dressing, treating, and finishing furs. 2,140,759; Dec. 20.
- Müller, Paul, Berlin-Friedrichshagen, Germany, assignor to Naamlooze Vennootschap Machinerieën En Apparaten Fabrieken "Meaf" Utrecht. Searchlight. 2,114,232; Apr. 12.
- Müller, Paul, Neu-Allschwil, near Basel, assignor to the firm J. R. Gelky A. G., Basel, Switzerland. Synthetic tanning agent. 2,110,173; May 31.
- Müller, Paul, Neu-Allschwil, near Basel, assignor to the firm J. R. Gelky A. G., Basel, Switzerland. Manufacture of tanning agents. 2,127,068; Aug. 16.
- Müller, Philipp. (See Herrmann, O., and Müller.)
- Müller, Robert. (See Kamann, Franz, assignor.)
- Müller, Robert, Hamburg, Germany. Treating animal skins and hides. 2,113,799; Apr. 12.
- Müller, Robert A., Wellesley, assignor to Atlas Plywood Corporation, Boston, Mass. Plywood panel. 2,133,108; Oct. 11.
- Müller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Accounting machine. 2,110,300; Mar. 8.



- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,139,131; Dec. 6.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,139,168; Dec. 6.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,139,169; Dec. 6.
- Müller-Roggli, Alice, Thun, Switzerland. Ski-pole. 2,123,311; July 12.
- Müller, Werner. (See Retter, W., Wahl, and Müller.)
- Müller, Werner, Cologne, and C. Berres, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. N-substituted para-aminobenzaldehydes. 2,141,090; Dec. 20.
- Müller, Wilhelm, and G. Schaulfer, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of depolarizing compositions from native manganese dioxide, e. g., pyrolusite. 2,123,250; July 12.
- Muller, William F., Brooklyn, assignor to William A. Force, III, New York, N. Y. Electrical repeating printing machine. 2,138,793; Nov. 29.
- Muller, Wolf F., Bolton, N. Y. Dispensing device. 2,112,043; Mar. 22.
- Mullett, Howard A., assignor to Bradley Washfountain Company, Milwaukee, Wis. Wash fountain spray head. 2,108,266; Feb. 15.
- Mullin, Francis R. (See Wagner, George B., assignor.)
- Mullins, John C., Tulsa, Okla. Package. 2,128,843; Aug. 30.
- Mullins Manufacturing Company. (See Stanitz, Jacques, assignor.)
- Mullins Manufacturing Corporation. (See French, J. W., and Carlson, assignors.)
- Mullins, Samuel A., Beaumont, Tex. Sample taking tool for oil wells. 2,128,212; Aug. 23.
- Mullins, Shelby S., Charlotte, N. C. Engraving block attachment for holding hollow ware. 2,130,286; Sept. 13.
- Mulloy, Ollie L., Shreveport, La., assignor to A. G. Blanchard. Safety valve. 2,124,374; July 19.
- Mulnix, Ersel C., Chicago, Ill. Box. 2,115,782; May 3.
- Multipost Company. (See Dummer, E. J., and Pinder, assignors.)
- Multipost Company. (See Gay, Azel, assignor.)
- Multiposter Advertising Corporation. (See Roberts, Charles, assignor.)
- Multi Vue Signs Co. (See En Holm, Norman, assignor.)
- Mulvihill, Daniel C., Hannibal, Mo., assignor to Hannibal Car Wheel and Foundry Company. Wheel cleaning and dust allaying device. 2,129,019; Sept. 6.
- Mumma, Lawson E. (See Elsey, G. W., Mumma, and Vosler.)
- Mummert-Dixon Company. (See Mummert, Ervin S., assignor.)
- Mummert, Ervin S., assignor to Mummert-Dixon Company, Hanover, Pa. Grinding machine. 2,132,640; Oct. 11.
- Munch, Gustave E., Chicago, Ill. Traffic signal. 2,121,093; June 21.
- Muncheryan, Hrand M., Los Angeles, Calif. Electric discharge tube. 2,118,981; May 31.
- Muncheryan, Hrand M., Los Angeles, Calif. Indicating fuse plug. 2,138,769; Nov. 29.
- Muncie, Fred W., New Brunswick, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Sulphated aliphatic compounds. 2,127,567; Aug. 23.
- Muncie, Fred W., New Brunswick, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Deterging. 2,130,361; Sept. 20.
- Muncie, Fred W., New Brunswick, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Detergent and method of preparation. 2,130,362; Sept. 20.
- Mundhenk, Charles J., Elgin, Ill. Heavy liquid fuel carburetor. 2,141,194; Dec. 27.
- Mundt, Edward, Streator, Ill., assignor to Robb & Robb, Cleveland, Ohio. Machine for emplacing expansion joints and dowel bars. 2,134,641; Oct. 25.
- Munford, Thomas A. S., Toronto, Ontario, Canada. Rail lubricator. 2,116,249; May 3.
- Mungen, Theodore, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sled knee. 2,123,486; July 12.
- Munger, L. R., trustee. (See Millican, Roy E., assignor.)
- Municipal Sanitary Service Corporation. (See Raisch, William, assignor.)
- Municipal Sanitary Service Corporation. (See Streander, Philip B., assignor.)
- Munk, Max M., Cottage City, Md. Thrust-relieved propeller. 2,123,657; July 12.
- Munn, John, and A. H. Burnett, Chicago, Ill. Carton forming and lining machine. 2,135,409; Nov. 1.
- Munoz, Alfred, Brooklyn, N. Y. Filter assembly. 2,134,413; Oct. 25.
- Munro, Alexander C., Britannia Beach, British Columbia, Canada. Elevator classifier. 2,106,154; Jan. 25.
- Munro, Alexander C., Britannia Beach, British Columbia, Canada. Concentrator. 2,106,155; Jan. 25.
- Munro, Alexander C., Britannia Beach, British Columbia, Canada. Classification. 2,106,156; Jan. 25.
- Munro, Charles S., Detroit, Mich. Tape applying device. 2,107,900; Feb. 8.
- Munro, George R., Massapequa, and W. C. Dill, Hewlett, assignors to Waugh Equipment Company, New York, N. Y. Hand strap. 2,137,622; Nov. 22.
- Munro, Ruth W., Winchester, Mass. Medical device. 2,110,962; Mar. 15.
- Munro, Thomas, Philadelphia, Pa., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Tire cover. 2,132,040; Oct. 4.
- Munro, Wendell P., Bound Brook, and E. H. Northey, and H. Z. Lecher, Plainfield, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Manufacture of acetamide. 2,106,697; Jan. 25.
- Munsill, Marcus M. (See Hobart, Louis C., assignor.)
- Munsill, Marcus M. (See Hobart, L. C., and Lees.)
- Munsingwear Inc. (See Anderson, Carroll R., assignor.)
- Munsingwear, Inc. (See Chatfield, Franklin, assignor.)
- Munsingwear, Inc. (See Fletcher, George A., assignor.)
- Munsingwear, Inc. (See Kapinas, Ruth M., assignor.)
- Munsingwear, Inc. (See Lindh, Jenny M., assignor.)
- Munson, Arthur W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Motion picture film guiding apparatus. 2,133,109; Oct. 11.
- Munson Bag Company, The. (See Munson, John M., assignor.)
- Munson, John M., Lakewood, assignor to The Munson Bag Company, Cleveland, Ohio. Bag. 2,114,855; Apr. 19.
- Munson, Jokum J., Milwaukee, Wis. Boltless bracket hinge. 2,126,026; Aug. 9.
- Munsterman, Alvin D., Bensenville, Ill. Onion harvester. 2,124,309; July 19.
- Munter, Casimir J., Dormont, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Preparing a solution of calcium-repressing alkali-metal metaphosphate from water-insoluble alkali-metal metaphosphates. 2,130,557; Sept. 20.
- Muntner, Joseph M. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)
- Munz, Elmer G., Detroit, Mich. Spray head. 2,130,810; Sept. 20.
- Münz, Ferdinand, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Wetting agents useful for alkaline mercerizing solution. 2,116,583; May 10.
- Münz, Ferdinand, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Polyamino carboxylic acids and making same. 2,130,505; Sept. 20.
- Münz, Ferdinand, Frankfurt-on-the-Main, and K. Keller and O. Tröskén, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Quaternary ammonium compounds. 2,104,092; Jan. 4.
- Münz, Ferdinand, Frankfurt-on-the-Main, and K. Keller, and Otto Tröskén, Frankfurt-on-the-Main, Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphonium bases. 2,110,712; Mar. 8.
- Münz, Ferdinand, Frankfurt-on-the-Main, and K. Keller and O. Tröskén, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Onium-methyl benzenes, useful for improving the fastness of dyeings. 2,138,113; Nov. 29.
- Münz, Ferdinand, Frankfurt-on-the-Main, and K. Keller, and O. Tröskén, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Improving the fastness of dyeings. 2,138,457; Nov. 29.
- Münz, Ferdinand, Frankfurt-on-the-Main, and K. Keller and O. Tröskén, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Improving the fastness of substantive dyeings. 2,138,458; Nov. 29.
- Münzinger, Friedrich, Charlottenburg, Germany, assignor to General Electric Company. Elastic fluid power plant for aircraft. 2,111,435; Mar. 15.
- Murad, Walter, San Carlos, assignor of one-half to C. S. Evans, San Francisco, Calif. Switch. 2,119,022; May 31.
- Murakami, Masasuke, Tokyo, Japan. Rotary engine. 2,108,385; Feb. 15.
- Muralo Company, The. (See Iddings, Carl, assignor.)
- Murch, Charles S., Augusta, Maine. Frost absorber. 2,124,259; July 19.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Topping mechanism. 2,124,588; July 26.
- Murch, William N., assignor to Sinclair Construction Company, University City, Mo. Reinforced concrete floor construction. 2,110,110; Mar. 1.
- Murchison, Blackwell K. (See Landrock, P., and Murchison.)
- Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Retarding mechanism. 2,104,136; Jan. 4.
- Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing and its manufacture. 2,126,912; Aug. 16.
- Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Friction transmission roller lubrication. 2,132,751; Oct. 11.
- Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing and seal. 2,140,091; Dec. 13.
- Murden, William T., and T. C. Delaval-Crow, Bristol, Conn., assignors to General Motors Corporation, Detroit, Mich. Control mechanism for ratio-changing transmissions. 2,132,752; Oct. 11.



- Murdock, Abe, et al. (See Neilson, Don M., assignor.)
- Mureau, Charles A. (See Eastley, Mona V., assignor.)
- Mureau, Charles A., Los Angeles, Calif. Cosmetic applicator. 2,131,539; Sept. 27.
- Mureau, Charles A., and M. Stratford, Los Angeles, Calif. Lip rouge applicator. 2,136,979; Nov. 15.
- Murguia, Luis F., Mexico, D. F., Mexico. Record calendar. 2,127,612; Aug. 23.
- Murie Co., The. (See Lewis, Wilbur S., assignor.)
- Muro, Raul D., Habana, Cuba. Knob lock. 2,117,203; May 10.
- Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,107,207; Feb. 1.
- Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,119,998; June 7.
- Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine and razor. 2,132,798; Oct. 11.
- Murphey, William, Chattanooga, Tenn. Child's garment. 2,106,646; Jan. 25.
- Murphree, Alexander D., Humble, assignor of one-half to M. Manning, Harris County, Tex. Fluid lift pump. 2,109,705; Mar. 1.
- Murphree, Eger V., and E. D. Reeves, Baton Rouge, La., assignors to Standard Oil Development Company. Solvent treating oils and recovering solvent. 2,104,401; Jan. 4.
- Murphree, Eger V., and E. D. Reeves, Baton Rouge, La., assignors to Standard Oil Development Company. Centrifuge unloader. 2,113,160; Apr. 5.
- Murphy, Arthur R., Penns Grove, and D. E. Kvalnes, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloration of materials comprising cellulose derivatives. 2,123,740; July 12.
- Murphy, Dan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Shearing device. 2,127,002; Aug. 16.
- Murphy, Dan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Sheet metal roofing and siding. 2,128,495; Aug. 30.
- Murphy, Daniel, New Castle, Pa. Packless bearing. 2,128,496; Aug. 30.
- Murphy, Daniel F., Galveston, Tex. Removing scale from boilers. 2,136,392; Nov. 15.
- Murphy Diesel Company Ltd. (See Murphy, Moyes J., assignor.)
- Murphy, Donald F., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide composition. 2,135,987; Nov. 8.
- Murphy, Edward A., Wyde Green, Birmingham, assignor to Dunlap Rubber Company, Limited, London, England. Producing rubber coated fabric. 2,128,312; Aug. 30.
- Murphy, Edward A., Wyde Green, Birmingham, and S. D. Taylor, Sutton Coldfield, assignors to Dunlop Rubber Company Limited, London, England. Producing porous sheets of rubber. 2,106,808; Feb. 1.
- Murphy, Edward A., and E. W. Madge, Wyde Green, Birmingham, S. D. Taylor, S. Coldfield, and D. W. Pounder, Moseley, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Producing foam from aqueous dispersions of rubber. 2,114,275; Apr. 12.
- Murphy, Edward A., and E. W. Madge, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Cellular rubber and making the same. 2,140,026; Dec. 13.
- Murphy, Edward C., Chicago, Ill. Balancer. 2,110,809; Mar. 8.
- Murphy, Francis M. G., Chelmsford, England, assignor to Radio Corporation of America. Two-way radio communication system. 2,113,765; Apr. 12.
- Murphy, Francis M. G., Chelmsford, England, assignor to Radio Corporation of America. Modulated carrier wave receiver. 2,129,020; Sept. 6.
- Murphy, Frank L. (See Mussey, W. H., Peterson, and Murphy.)
- Murphy, Fred K., Indianapolis, Ind. Journal box. 2,126,205; Aug. 9.
- Murphy, Harold J., et al. (See Simning, Roy B., assignor.)
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device. 2,114,746; Apr. 19.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Multiple operated fastening end members. 2,114,747; Apr. 19.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Door latch structure. 2,121,530; June 21.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Door latch structure. 2,121,531; June 21.
- Murphy, Howard J., Greenwood, assignor to United Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. 2,128,729; Aug. 30.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener member and fastener installation. 2,128,730; Aug. 30.
- Murphy, Howard J., Greenwood, assignor to United Carr Fastener Corporation, Cambridge, Mass. Detachable cap. 2,133,785; Oct. 18.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Radiator grille fastener. 2,137,542; Nov. 22.
- Murphy, Hoyt M., San Angelo, Tex. Terracing and ditching machine. 2,141,693; Dec. 27.
- Murphy, James A., Hamilton, Ohio. Fluid purifier. 2,111,936; Mar. 22.
- Murphy, James H. (See Kissane, John F., assignor.)
- Murphy, John F., Middleboro, Mass. Pin spotting mechanism. 2,117,204; May 10.
- Murphy, John J., St. Albans, N. Y., assignor of one-half to W. B. Terry, Hillsdale, N. J. Traveling handbag or case. 2,118,323; May 24.
- Murphy, Joseph P., Jr., et al. (See Wagner, Hans, assignor.)
- Murphy, Martin J., Spalding, Nebr. Advertising fly chaser. 2,124,147; July 19.
- Murphy, Moyes J., assignor to Murphy Diesel Company Ltd., Milwaukee, Wis. Engine. 2,139,170; Dec. 6.
- Murphy, Thomas F., New York, N. Y. Locking device for mail receptacles. 2,108,440; Feb. 15.
- Murphy, Thomas F., Wellsboro, Pa. Identifying articles. 2,138,705; Nov. 29.
- Murphy, Thomas G., Franklin, Pa., assignor to L. Sonneborn Sons, Inc. Lubricating oil. 2,125,305; Aug. 2.
- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Liquid pressure regulating valve. 2,104,390; Jan. 4.
- Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Forming spray nozzle disk. 2,130,854; Sept. 20.
- Murr, Max., Jr., Munich, Germany. Boot. 2,124,310; July 19.
- Murray, Alan E., New York, N. Y. Foot support and construction involving the same. 2,120,370; June 14.
- Murray, Alan E., New York, N. Y. Producing orthopedic shoes and product thereof. 2,120,987; June 21.
- Murray, Alexander, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Coloring materials. 2,108,503; Feb. 15.
- Murray, Alexander, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Support for copying and enlarging cameras. 2,113,309; Apr. 5.
- Murray, Alexander, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Process lens mount. 2,124,889; July 26.
- Murray-Black Company, The. (See Starrick, William H., assignor.)
- Murray, Chauncey A., Reliance, Wyo. Key holder. 2,129,436; Sept. 6.
- Murray, Clay E., assignor to Linograph Corporation, Davenport, Iowa. Second elevator for typographical machines. 2,134,668; Oct. 25.
- Murray, Clay E., assignor to Linograph Corporation, Davenport, Iowa. Crucible for slug casting machines and making same. 2,139,511; Dec. 6.
- Murray Company, The. (See Behle, Joseph W., assignor.)
- Murray Company, The. (See Blewett, John, assignor.)
- Murray Company, The. (See Carr, Charles R., assignor.)
- Murray Company, The. (See Nevitt, James S., assignor.)
- Murray Company, The. (See Woodford, Bronson C., assignor.)
- Murray Corporation, The. (See Podany, Edward J., assignor.)
- Murray Corporation of America, The. (See Avery, Clarence W., assignor.)
- Murray Corporation of America, The. (See Graebner, Otto F., assignor.)
- Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
- Murray Corporation of America, The. (See Haberstump, A. H., and Cramer, assignors.)
- Murray Corporation of America, The. (See Hoffman, Walter C., assignor.)
- Murray Corporation of America, The. (See Jarosik, Andrew J., assignor.)
- Murray Corporation of America, The. (See Lindell, Bertil T., assignor.)
- Murray Corporation of America, The. (See Menge, Clarence H., assignor.)
- Murray Corporation of America, The. (See Northrup, Amos E., assignor.)
- Murray Corporation of America, The. (See Podany, Edward J., assignor.)
- Murray Corporation of America, The. (See Ryder, Orin J., assignor.)
- Murray Corporation of America, The. (See Thompson, Russell R., assignor.)
- Murray Corporation of America, The. (See Westrope F. J., and Person, assignors.)
- Murray Corporation of America, The. (See Westrope, F. J., and Velko, assignors.)
- Murray Corporation of America, The. (See Widman, C. H., and Haberstump, assignors.)
- Murray Corporation of America, The. (See Widman, C. H., and Westrope, assignors.)
- Murray, Ernest E., Long Island City, N. Y., assignor of one-fourth to J. W. Myers, Philadelphia, Pa., and one-half to L. W. MacFarland, Long Island City, N. Y. 2,140,208; Dec. 13.
- Murray, Frederick F., Pittsburgh, Pa. Cooled valve. 2,122,484; July 5.



- Murray, Frederick W., Fairfax County, assignor of one-third to N. J. Jewett, Arlington County, Va. Differential control device. 2,126,653; Aug. 9.
- Murray, Howard J., New York, N. Y. Combined starting, synchronizing, and shifting system. 2,124,076; July 19.
- Murray, Hugh E. (See Christopher, E. T., and Murray.)
- Murray, Humphrey D., and D. A. Spencer, London, assignors to Iford Limited, Ifford, and The Veracol Film Syndicate Limited, London, England. Composite layer films for color photography and the processing thereof. 2,110,817; Dec. 20.
- Murray Iron Works Company. (See Allen, Robert C., assignor.)
- Murray Iron Works Company. (See Millard, Loren D., assignor.)
- Murray, James, Newark, Ohio. Figure toy game apparatus. 2,130,558; Sept. 20.
- Murray, James M., assignor to R. Malcom, Chicago, Ill. Toe-guard. 2,111,536; Mar. 15.
- Murray, John, Mimbridge, Chobham, England. Bookbinding. 2,105,222; Jan. 11.
- Murray, John J., Yonkers, N. Y. Booklet or like printed article. 2,113,117; Apr. 5.
- Murray-Ohio Manufacturing Co., The. (See Kraeft, Herman L., assignor.)
- Murray, Patrick J., Clifton Heights, assignor to Trisco Products, Inc., Philadelphia, Pa. Stocking form and support. 2,120,219; June 7.
- Murray, Patrick J., Clifton Heights, assignor to Trisco Products, Inc., Philadelphia, Pa. Laundering unit for silk hosiery. 2,135,780; Nov. 8.
- Murray, Patrick J., Clifton Heights, assignor to Trisco Products, Inc., Philadelphia, Pa. Drying unit. 2,135,781; Nov. 8.
- Murray, Peter J., Toronto, Ohio, and E. E. Bowen, Folsom, Va. Method of and apparatus for opening metal sheets. 2,141,218; Dec. 27.
- Murray, Thomas E., Jr., Brooklyn, N. Y. Sheet piling. 2,128,428; Aug. 30.
- Murray, Thomas L., New Rochelle, N. Y. Tape cutting device. 2,125,736; Aug. 2.
- Murray, William H., Detroit, Mich. Lock for threaded fastening assemblies. 2,131,407; Sept. 27.
- Murray, William S., Utica, assignor to Dairymen's League Co-Operative Association, Inc., New York, N. Y. Moldable casein composition. 2,115,316; Apr. 26.
- Murer, Herbert C., Cincinnati, Ohio. Tackle box tray. 2,121,408; Sept. 27.
- Murrin, Gahlberth H., Pasadena, Calif. Razor blade sharpener. 2,118,937; May 31.
- Murtaugh, John J., Jr., Floral Park, N. Y., assignor to The Mosler Safe Co., Hamilton, Ohio. Cash receiver. 2,105,442; Jan. 11.
- Musante, John L., Falmouth, Va. Combined oar and oarlock. 2,117,069; May 10.
- Muschong, Peter J., St. Louis, Mo. Sash operator. 2,119,399; May 31.
- Musebeck, George E., Danville, Ill. Corrective insole for shoes. 2,109,706; Mar. 1.
- Musebeck, George E., assignor to Musebeck Shoe Company, Danville, Ill. Shank stiffener. 2,126,913; Aug. 16.
- Musebeck Shoe Company. (See Musebeck, George E., assignor.)
- Mushaben, Angelic E. (See Mushaben, Franklin J. and A. E.)
- Mushaben, Franklin J. and A. E., Denver, Colo. Treating coffee. 2,123,550; Oct. 18.
- Musher, Albert, New York, assignor to Musher Corporation, Elizabeth, N. J. Salad dressing. 2,125,391; Aug. 2.
- Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Food base and composition containing same. 2,121,064; Sept. 27.
- Musher Corporation. (See Musher, Albert, assignor.)
- Musket, James C., Roselle Park, N. J., assignor to Star Expansion Bolt Company, New York, N. Y. Bolt anchor. 2,110,910; Dec. 20.
- Mushkin, Michael D., Seattle, Wash. Current-propelled turbine. 2,128,592; Aug. 30.
- Muskat, Irving E., Pittsburgh, Pa., assignor to Gulf Research & Development Company. Sulphurized petroleum cutting oils. 2,112,677; Mar. 29.
- Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Method of and composition for purifying metals. 2,117,348; May 17.
- Mussells, George A., Reading, Mass. Sole press. 2,139,030; Dec. 6.
- Musselman, John M., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Lubricating composition and process of making. 2,113,599; Apr. 12.
- Musselman, John M., and H. P. Lankelma, assignors to The Standard Oil Company (Ohio), Cleveland, Ohio. Lubricating oil. Re. 20,784; July 5.
- Musselman, John M., Cleveland, and E. B. McConnell, Shaker Heights, assignors to Standard Oil Company, Cleveland, Ohio. Lubricant preparation. 2,108,386; Feb. 15.
- Musser, Clair O., Chicago, Ill. Musical instrument. 2,122,700; Oct. 18.
- Musser, Clarence W., Kansas City, Mo. Racing amusement mechanism. 2,113,278; Apr. 5.
- Mussey, Delavan S., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Panel structure. 2,137,023; Nov. 22.
- Mussey, William H., F. L. Murphy, and H. F. Peterson, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Air conditioning system. 2,116,538; May 10.
- Mussey, William H., and M. P. Blomberg, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Car articulation. 2,135,523; Nov. 8.
- Mustee, Joseph F., University Heights, Ohio. Water heater. 2,108,691; Feb. 15.
- Mutchler, Frank A., Sr., Bayonne, N. J. Drop-flush check. 2,127,044; Aug. 16.
- Muter Company, The. (See Rolfeffson, Karl E., assignor.)
- Muter, Leslie F., Chicago, Ill. Electrical resistance unit. 2,130,148; Sept. 13.
- Muth, Friedrich. (See Stusser, R., and Muth.)
- Muth, Friedrich W., Leverkusen I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeings on cellulose esters. 2,138,553; Nov. 29.
- Muth, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable mechanical means for an oscillation circuit. 2,104,569; Jan. 4.
- Muth, Herbert, and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical condenser. 2,126,027; Aug. 9.
- Muth, Herbert, and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Temperature-independent oscillatory circuits. 2,134,794; Nov. 1.
- Mutscheller, Arthur. (See Hirsch, Samuel, assignor.)
- Mutschler, Hugo. (See Kölm, U. M. W., and Mutschler.)
- Muzzo, Ross C., Toledo, Ohio. Table surfacer. 2,111,052; Mar. 15.
- Myer, H. L. (See Mercier, S. M., and Myer.)
- Myer, Henry C., Denver, Colo., and M. L. Myer, St. Louis, Mo. Tie plate and rail fastener. 2,118,100; May 24.
- Myer, James E., Washington, D. C., and A. C. Horner, San Francisco, Calif., assignors to Timber Engineering Company, Washington, D. C. Flanged plate timber connector. 2,117,567; May 17.
- Myer, James E., Washington, D. C., and A. C. Horner and P. E. Magerstadt, San Francisco, Calif., assignors to Timber Engineering Company, Washington, D. C. Seating tool for timber connectors. 2,128,844; Aug. 30.
- Myer, James E., Washington, D. C., and P. E. Magerstadt, San Francisco, Calif., assignors to Timber Engineering Company, Washington, D. C. Tool. 2,123,752; Oct. 18.
- Myer, Moses L. (See Myer, Henry C. and M. L.)
- Myers, Chester G., York, Pa., assignor to Autokraft Box Corporation, Lima, Ohio. Cigar box. 2,123,953; July 19.
- Myers, Don D., Toledo, assignor to Modern Equipment Corporation, Defiance, Ohio. Automobile lift. 2,136,750; Nov. 15.
- Myers, E. A., & Sons. (See Lybarger, Samuel F., assignor.)
- Myers, Elman B., Montreal, Quebec, Canada. Impact crusher. 2,119,886; June 7.
- Myers, Elman B., Montreal, Quebec, Canada. Apparatus for disintegrating solids. 2,119,887; June 7.
- Myers, Elman B., assignor to Myers Mill Corporation, Montreal, Quebec, Canada. Method and apparatus for recovering metal values. 2,128,313; Aug. 30.
- Myers, F. E., & Bro. Co., The. (See Zehner, William H., assignor.)
- Myers, Frank L., Newark, Ohio, assignor to Owens-Illinois Glass Company, Filter. 2,137,246; Nov. 22.
- Myers, Frank L., Newark, Ohio, assignor to Owens-Illinois Glass Company. Filter unit. 2,138,874; Dec. 6.
- Myers, George F., New York, N. Y. Flying machine. 2,128,261; Aug. 30.
- Myers, George F., New York, N. Y. Spinner-cowling. 2,123,253; Oct. 11.
- Myers, George W., Bushnell, Fla. Dispensing attachment for beverage containers. 2,105,051; Jan. 11.
- Myers, Harold L., Morristown, N. J. Display device. 2,119,343; May 31.
- Myers, Harold L., Morristown, N. J. Display device. 2,125,041; Nov. 1.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Surfacing machine. 2,114,966; Apr. 19.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Surfacing machine. 2,114,967; Apr. 19.
- Myers, Harry R., Zanesville, Ohio. Machine for cementing patches on shoe soles. 2,129,437; Sept. 6.
- Myers, Herbert B., Little Rock, Ark. Coin handling mechanism. 2,137,501; Nov. 22.
- Myers, John B., Libby, Mont., and G. Sucetti, assignors to Universal Insulation Company, Chicago, Ill. Vermiculite expansion method. 2,139,378; Dec. 6.
- Myers, John W., Roanoke, Va., assignor, by mesne assignments, to The Standard Stoker Company, Inc. Fuel conveying and crushing mechanism. 2,136,775; Nov. 15.
- Myers, Joseph F., Carthage, Mo. Burial vault. 2,121,363; June 21.
- Myers, Joseph W., Mount Airy, Pa. Sound actuated automaton. 2,115,533; Apr. 26.
- Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Electrical cooking apparatus. 2,138,706; Nov. 29.



- Myers, Joseph W., and S. J. Roesch, Philadelphia, Pa., assignors to said J. W. Myers. Electrically operated cooking apparatus. 2,140,479; Dec. 13.
- Myers, Joseph W., et al. (See Murray, Ernest E., assignor.)
- Myers, Leonard D., Washington, D. C., assignor to Safety Mining Company, Chicago, Ill. Indestructible release mechanism for blasting cartridges. 2,120,034; June 7.
- Myers, Lloyd D., Minneapolis, Minn. Umbrella to be worn on head. 2,140,647; Dec. 20.
- Myers Mill Corporation. (See Myers, Elman B., assignor.)
- Myers, Ola H. Central City, Iowa. Multiple row planter. 2,138,011; Nov. 29.
- Myers, Orley V., Winona, Minn. Fish tackle box. 2,138,190; Nov. 29.
- Myers, Oscar. (See Collis, R. E., and Myers, assignors.)
- Myers, Oscar, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnet and controlling circuits therefor. 2,112,542; Mar. 29.
- Myers, Oscar, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring system. 2,132,214; Oct. 4.
- Myers, Robert P., and S. M. Weisberg, Baltimore, Md., assignors to Sealtest System Laboratories, Inc., New York, N. Y. Treatment of milk products. 2,128,845; Aug. 30.
- Myers, Roy W., Dennison, Ohio. Valve. 2,126,799; Aug. 16.
- Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Magnetic structure for dynamo-electric machines. 2,134,795; Nov. 1.
- Myers, Thomas G., Los Angeles, Calif. assignor to U. S. Electrical Motors, Inc. Interchangeable turbine pump head. 2,139,379; Dec. 6.
- Myers, Vincent R., Red Oak, Iowa. Dump body for auto trucks. 2,117,568; May 17.
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,128,031; Aug. 23.
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating means for sewing machine loop-takers. 2,128,573; Aug. 30.
- Myers, William H., Detroit, Mich., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Interference suppression system for radio apparatus. 2,132,875; Oct. 11.
- Myers, William L., Newark, N. J. Decorative buckle. 2,132,876; Oct. 11.
- Myhren, Arne J., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Zinc sulphide. 2,117,205; May 10.
- Myhren, Arne J., and S. I. Hammond, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Precipitation of zinc sulphide with hydrogen sulphide recovery. 2,130,742; Sept. 20.
- Myler, William M., Jr., Columbus, assignor to Surface Combustion Corporation, Toledo, Ohio. Heater. 2,137,581; Nov. 22.
- Mylhus, Otto, assignor to Deutsche Getriebe Gesellschaft mit beschränkter Haftung, Berlin, Germany. Suspension for vehicles. 2,110,527; Mar. 8.
- Mylhus, Walter G., (See Barnes, T. D., and Mylius.)
- Mylhus, Walter G., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Polyphase detachable meter. 2,117,904; May 17.
- Myllyniemi, Väinö I., and V. S. Mäki, Lappeenranta, Finland. Safety device for hydraulic brakes. 2,140,027; Dec. 13.
- Myracle, Alton C., Orange, Calif. Lead line sampler. 2,140,920; Dec. 20.
- Myrberg, Sven O., Providence, R. I., assignor to Providence Stock Company. Bracket extension. 2,110,936; Mar. 15.
- Myrberg, Sven O., Providence, R. I., assignor to Providence Stock Company. Extension device. 2,141,068; Dec. 20.
- Myrberg, Sven O., and G. U. Meyer, Providence, R. I., assignors to Providence Stock Company. Extension device. 2,110,772; Mar. 8.
- Myssels, William A., and R. Isenberg, Chicago, Ill. Detachable loop fastener for garments. 2,133,057; Oct. 11.
- N. and E. Corporation. (See Feather, David C., assignor.)
- N. D. C. Specialty Corporation. (See Lantingberg, David, and L. D., assignors.)
- N. V. Allgemeine Chemische en Technische Maatschappij "Achelton". (See Traube, Wilhelm, assignor.)
- N. V. Eau de Colognefabrik Johann Maria Farina. (See Baumgarten, Henri G., assignor.)
- N. V. Internationale Alfol-Maatschappij. (See Doczekal, Rudolf, assignor.)
- N. V. Maschinen- en Apparaten Fabrieken "Meaf". (See Dillenbach, W., and Leischner, assignors.)
- N. V. Maschinen- en Apparaten Fabrieken "Meaf". (See Dillenbach, Walter, assignor.)
- N. V. Maschinen- en Apparaten Fabrieken "Meaf". (See Landau, Max, assignor.)
- N. V. Martens' Brandkastenfabriek. (See van der Beyl, Willem F., assignor.)
- N. V. Molybdenum Comp. (See Schwarzkopf, Hans H., assignor.)
- N. V. Organon. (See David, Karoly G., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Adlink, Nicolaas W. H., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Alexander, Johan W., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Alfiter, Josef, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Boumeester, Huibert G., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Boumeester, H. G., and Posthumus, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Bouwers, Albert, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Bouwers, A., and van der Tuuk, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Busse, E., van der Mark, and Venis, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See de Boer, Jan H., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., and Klassens, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., and van Geel, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See de Fremery, Frank, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See de Lange, Cornelis, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See de Lange, C., and Claassen, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See de Vries, G., and Boosman, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Dippel, Cornelis J., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Dorelo, Eduard G., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Dorgelo, Eduard G., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Duinker, D. M., and Mulder, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Hardenberg, Jan J., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Holst, G., and Jonas, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Holst, G., and van der Horst, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Jonker, Johan L. H., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Jurriaanse, Tom, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Knös, Gunnar B., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Korver, Cornelis, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Kuipers, M., and Boumeester, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Kuntke, Alfred, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Lems, Hendrik, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Niclassen, Hans, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Patal, Imre, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Penning, F. M., Teves, and Lems, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Strutt, Maximilian J. O., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Tellegen, B. D. H., and Ziegler, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Teves, Marten C., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Teves, M. C., and de Boer, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See van Amstel, Johannes J. A. P., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See van der Tuuk, Jacob H., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Van Geel, W. C., and Emmens, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See van Loon, Carel J., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See van Slooten, Jacob, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Vermeulen R., and van Urk, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Vingerhoets, Antonius W., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Visman, Jean, assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Volz, R. F., Horowitz, and De Groot, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Weyers, Theodorus J., assignor.)
- N. V. Stikstofvindingsindustrie "Nederland". (See König, Hermann E. J., assignor.)
- Naamloze Vennootschap Chemische Fabriek L. van der Grinten. (See van der Grinten, Lodewijk P. F., assignor.)
- Naamloze Vennootschap Chemische Fabriek Servo. (See Rozenbroek, Meindert D., assignor.)
- Naamloze Vennootschap Industriële Maatschappij Voorheen Noury & Van Der Lande. (See Hartuwan, Hermann, assignor.)
- Naamloze Vennootschap Industriële Maatschappij Voorheen Noury & Van Der Lande. (See Priester, Remmet, assignor.)



- Naamlooze Vennootschap Industriele Maatschappij Voorheen Noury & van der Lande. (See van der Lande, B. L. M., and van Thiel, assignors.)
- Naamlooze Vennootschap: Maatschappij tot Exploitatie van "ten Bosch Octrooien N. V." (See ten Bosch, Abraham, N.J.N., assignor.)
- Naamlooze Vennootschap Machinerieën-En Apparaten Fabrieken "Meaf" Utrecht. (See Müller, Paul, assignor.)
- Naamlooze Vennootschap Nederlandsch Laboratorium de Spaarnestad. (See Leiber, Ferdinand, assignor.)
- Naamlooze Vennootschap Vereenigde Draadfabrieken. (See Ahndt, E. A., and Söndag, assignors.)
- Nabakowski, Hermann, Berlin, Germany. Electric switch. 2,110,233; Mar. 8.
- Nabers, Samuel F., Birmingham, Ala. Phonograph needle. 2,140,392; Dec. 13.
- Nabholz, Hans, Zurich, assignor to Maschinenfabrik Riti vormals Caspar Honegger, Ruti, Switzerland. Selvedge printing apparatus for woven goods. 2,110,233; Mar. 8.
- Nabstedt, Arthur T., Hamden, assignor to The Snow & Petrelli Mfg. Co., New Haven, Conn. Brake for use with power transmitting mechanism. 2,127,305; Aug. 16.
- Naceski, Austin, Nashua, N. H., assignor to J. F. McElwain Co., Suffolk County, Mass. Last. 2,111,512; Mar. 15.
- Nachman, Fred A., Jr., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Spring assembly for upholstery. 2,134,371; Oct. 25.
- Nachman Spring-Filled Corporation. (See Gleason, William W., assignor.)
- Nachman Spring-Filled Corporation. (See Hanauer, Darwin, assignor.)
- Nachman Spring-Filled Corporation. (See Hosek, Louis F., assignor.)
- Nachman-Springfilled Corporation. (See Lotz, Rudolph W., assignor.)
- Nachman Spring-Filled Corporation. (See Nachman, Fred A., Jr., assignor.)
- Nachman Spring-Filled Corporation. (See Schob, Anthony J., assignor.)
- Nachman Spring-Filled Corporation. (See Simmons, Charles R., assignor.)
- Nachman Spring-Filled Corporation. (See Suekoff, Louis A., assignor.)
- Nachman Spring-Filled Corporation. (See Zimmerman, Fred R., assignor.)
- Nachod & United States Signal Company. (See Richter-keßing, Frank H., assignor.)
- Nachtman, John S., Beaver, assignor to Blaw-Knox Company, Pittsburgh, Pa. Plating steel. Re. 20,788; July 12.
- Nachtwey, Edward J., Green Bay, Wis. Automatically adjustable brake. 2,132,576; Oct. 11.
- Nacken, Walther, Gruna, Germany. Wire drawing machine. 2,127,306; Aug. 16.
- Nadeau, Gale F., assignor to Eastman Kodak Company, Rochester, N. Y. Subbing photographic film. 2,135,524; Nov. 8.
- Nadeau, Gale F., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Buffered photographic film. 2,139,767; Dec. 13.
- Nadeau, Gale F., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic stripping film. 2,140,648; Dec. 20.
- Nadeau, Gale F., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of photographic film. 2,133,110; Oct. 11.
- Nadeau, Gale F., and H. R. Couch, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic tracing cloth. 2,117,814; May 17.
- Nadeau, Gale F., and L. K. Eilers, assignors to Eastman Kodak Company, Rochester, N. Y. Recovering plasticizer from scrap cellulose ester products. 2,117,815; May 17.
- Nadeau, Gale F., and C. B. Starck, assignors to Eastman Kodak Company, Rochester, N. Y. Antihalation backing for photographic film. 2,131,747; Oct. 4.
- Nadelson, Philip, New York, N. Y. Container. Re. 20,920; Nov. 15.
- Nadin, Albert, London, England. Photographic copy holding and enlarging frame. 2,110,234; Mar. 8.
- Naeder, Maurice, Paris, France. Welding strip. 2,119,999; June 7.
- Naert, Valere M., Detroit, Mich. Concealed hinge for motor vehicle bodies. 2,129,862; Sept. 13.
- Nagai, Kiyoshi, Los Angeles, Calif. Convertible hand truck. 2,114,398; Apr. 19.
- Nagai, Toyota. (See Abe, S., Setoguchi, and Nagai.)
- Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter actuating means on the camera body of a folding camera. 2,123,908; July 19.
- Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter actuating mechanism. 2,126,340; Aug. 9.
- Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Film gate construction. 2,126,341; Aug. 9.
- Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Roll holding camera construction. 2,132,696; Oct. 11.
- Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Coupled range finder camera. 2,135,988; Nov. 8.
- Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Combined camera and range finder. 2,135,989; Nov. 8.
- Nagel, Charles H., Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Rubber doll. 2,118,682; May 24.
- Nagel-Chase Mfg. Co., The. (See Schultz, Edward, assignor.)
- Nagel, Edward E., Lakewood, Ohio, assignor to Master Tool Company. Operating valve for pneumatic hammers. 2,121,364; June 21.
- Nagel, Hugo, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Camera with range finder. 2,129,229; Sept. 6.
- Nagel, Kurt, and L. Scheffer, Mainz-Mombach, assignors to the firm of Deutsche Gold-und Silber Scheideanstalt, vormals Roessler, Frankfurt-on-the-Main, Germany. Production of cellulose ester foils or sheets. 2,130,149; Sept. 13.
- Nagel, Theodore, Brooklyn, N. Y. Manufacture of ethylene from oil. 2,111,899; Mar. 22.
- Nagel, Theodore, Brooklyn, N. Y. Manufacture of ethylene from oil. 2,111,900; Mar. 22.
- Nagle, Clarence D., Baltimore, Md. Aging device for the contents of barrels, casks, or the like. 2,135,622; Nov. 8.
- Nagle, James, Glendale, N. Y. Sanitary sandwich envelope. 2,127,631; Aug. 23.
- Nagorny, Boris A., assignor of forty per cent to E. C. Gillette and nine per cent to J. P. Nikonov, New York, N. Y. Ornamental mesh fabric. 2,139,512; Dec. 6.
- Nahm, Eugene A. (See Baur, J. W., and Nahm.)
- Nahm, Eugene A., Baldwin, N. Y., and H. Van Zuilen, assignors to Johnson Fare Box Company, Chicago, Ill. Electrical control means for fare boxes. 2,118,938; May 31.
- Nai, Alfredo, assignor to "Chatillon" Societa Anonima Italiana per le Fibre Tessili Artificiali, Milan, Italy. Washing, desulphurizing, bleaching, finishing, and like treatments of artificial yarns. 2,131,409; Sept. 27.
- Naiman, Julius M., Chicago, Ill. Determining the heat value of flowing fluids. 2,139,768; Dec. 13.
- Naish, Fred H., Birmingham, Ala., assignor to Connors Steel Company. Automatic scraper for strip metal stock. 2,116,980; May 10.
- Naisuler, Harry E., Whitman, Mass. Framework construction. 2,131,115; Sept. 27.
- Najarian, Herand K., Beaver, Pa., assignor to St. Joseph Lead Company, New York, N. Y. Concretionary agglomerate. 2,127,632; Aug. 23.
- Najarian, Herand K., Beaver, Pa., assignor to St. Joseph Lead Company, New York, N. Y. Smelting of zinciferous materials. 2,127,633; Aug. 23.
- Najder, Walter M., Milwaukee, Wis. Identification attachment for vehicles. 2,125,392; Aug. 2.
- Nakamura, Uhei, Minoh-mura, Osaka, Japan. Device for supporting steam pipe lines. 2,106,956; Feb. 1.
- Nakane, Kazuji, Nada-ku, Kobe, Japan. Apparatus for after-treatment of fresh made rayon thread. 2,109,301; Feb. 22.
- Nall, Clarence C. (See Powers, Paul H., assignor.)
- Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Precombustion chamber for Diesel engines. 2,118,895; May 31.
- Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Springing of vehicles. 2,126,130; Aug. 9.
- Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart, Unterturkheim, Germany. Chassis of motor-driven vehicles. 2,132,963; Oct. 11.
- Namiki, Ryosuke, Takinogawa-ku, Tokyo-shi, Japan. Closure of ink bottles. 2,132,313; Oct. 4.
- Nampa, Sulo M. (See Butterworth, S. D., and Nampa.)
- Nampa, Sulo M., Detroit, Mich., assignor to The Worth Company. Car loading device. 2,107,338; Feb. 8.
- Nampa, Sulo M., Detroit, Mich., assignor to The Worth Company. Car loading device. 2,111,191; Mar. 15.
- Nampa, Sulo M., Detroit, Mich., assignor to Transportation Systems, Inc. Combined road and rail vehicle. 2,116,797; May 10.
- Nampa, Sulo M., Detroit, Mich., assignor to Transportation Systems, Inc., Tulsa, Okla. Hand operated truck body. 2,121,922; June 28.
- Nampa, Sulo M., Detroit, Mich., assignor to The Worth Company. Securing device. 2,123,286; July 12.
- Nampa, Sulo M., assignor to The Worth Company, Detroit, Mich. Carloading device. 2,127,613; Aug. 23.
- Nampa, Sulo M., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,136,751; Nov. 15.
- Nampa, Sulo M., and S. C. Japinga, Detroit, Mich., assignors to The Worth Company. Car loading device. 2,128,376; Aug. 30.
- Nan, Lee, Tucson, Ariz. Pedal attachment for gear shift levers. 2,138,242; Nov. 29.
- Nancarrow, Loyal, Royal Oak, Mich. Shoe sole and heel coloring device. 2,116,406; May 3.



- Nance, Willis. (See Phelps, G. M., and Nance.)
- Nanfeldt, Ernest, New Haven, Conn., assignor to Respro, Inc., Cranston, R. I. Light projection display means. 2,118,264; May 24.
- Nanjundaya, Chandrashekariya, Matunga, assignor to The Indian Central Cotton Committee, Bombay, British India. Manner of and apparatus for ascertaining the mean length of cotton or like fibers and/or the mean weight per unit of length of similar fibers. 2,107,616; Feb. 8.
- Nankivell, Frederick W., Chicago, Ill. Vegetable cutter. 2,107,208; Feb. 1.
- Naphtali, Max. (See Lebedenko, N., Naphtali, Kroll and Meyer.)
- Napolillo, Angelo, Chicago, Ill. Cooking tool. 2,106,057; Jan. 18.
- Nardelli, Nello, Florence, Italy. Viscous, Waterproof and insulating composition with a basis of rubber, to be used hot or cold. 2,108,387; Feb. 15.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,110,469; Mar. 8.
- Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starter. 2,119,138; May 31.
- Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,140,965; Dec. 20.
- Narragansett Products Corporation. (See Cressy, Charles O., assignor.)
- Narrow Fabric Company, The. (See Busch, Conrad J., assignor.)
- Narrow Fabric Company, The. (See Sweeney, John W., assignor.)
- Nasermo Corporation, The. (See Jones, Hilton I., assignor.)
- Nash, Arthur D., Sewickley, and W. Owen, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for making sheet glass. 2,137,116; Nov. 15.
- Nash, Arthur E., Mount Airy, Philadelphia, assignor to Alcorn Combustion Company, Philadelphia, Pa. Apparatus for treating oils. 2,132,965; Oct. 11.
- Nash, Arthur E., Philadelphia, and J. S. Alcorn, Wynnewood, assignors to Alcorn Combustion Company, Philadelphia, Pa. Method of and apparatus for heating petroleum to elevated temperature. 2,113,331; Apr. 5.
- Nash, Arthur E., Mount Airy, Philadelphia, and F. E. Shelly, Jenkintown, assignors to Alcorn Combustion Company, Philadelphia, Pa. Method of and apparatus for heating hydrocarbon oils and components thereof. 2,132,964; Oct. 11.
- Nash-Finch Company. (See Davis, Clarence J., assignor.)
- Nash, J. M., Company. (See Lippold, Carl J., assignor.)
- Nash, John H., Dayton, Ohio. Water softening apparatus. 2,120,429; June 14.
- Nash-Kelvinator Corporation. (See Bohn, Nicholas J., assignor.)
- Nash-Kelvinator Corporation. (See Crider, Thomas G., assignor.)
- Nash-Kelvinator Corporation. (See Erbach, Frederick R., assignor.)
- Nash-Kelvinator Corporation. (See Giffard, Whitney, assignor.)
- Nash-Kelvinator Corporation. (See Goulouze, Martin J., assignor.)
- Nash-Kelvinator Corporation. (See Heitman, Edward, assignor.)
- Nash-Kelvinator Corporation. (See Koerner, Theodore W., assignor.)
- Nash-Kelvinator Corporation. (See Mason, George W., assignor.)
- Nash-Kelvinator Corporation. (See Morse, Sterne, assignor.)
- Nash-Kelvinator Corporation. (See Ohmart, Grayston R., assignor.)
- Nash-Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
- Nash-Kelvinator Corporation. (See Sekyra, Charles J., Sr., assignor.)
- Nash-Kelvinator Corporation. (See Thomas, Charles C., assignor.)
- Nash-Kelvinator Corporation. (See West, Frank R., assignor.)
- Nash-Kelvinator Corporation. (See Weymouth, Lawrence B., assignor.)
- Nash, Marie D., et al. (See Nash, William C., assignor.)
- Nash, Richard L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control device. 2,115,534; Apr. 26.
- Nash, Roy A., et al. (See Nash, William C., assignor.)
- Nash, William C., Neenah, Wis. Making paper. 2,108,231; Feb. 15.
- Nash, William C., assignor of one fifth to M. Jones, one fifth to M. D. Nash, Neenah, Wis., one fifth to W. M. Nash, Chicago, Ill., and one fifth to R. A. Nash, New Rochelle, N. Y. Web guiding device. 2,108,232; Feb. 15.
- Nash, William C., assignor of one fifth to M. Jones, one fifth to M. D. Nash, Neenah, Wis., one fifth to W. M. Nash, Chicago, Ill., and one fifth to R. A. Nash, New Rochelle, N. Y. Web guide mechanism. 2,136,705; Nov. 15.
- Nash, William M., et al. (See Nash, William C., assignor.)
- Nash, William W., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Antistall clutch for rotary tools. 2,127,003; Aug. 16.
- Nashua Manufacturing Company. (See Oliver, Geffrod E., assignor.)
- Nashe, Leif, Concord, and O. Overgaard, West Concord, Mass. Ski binding. 2,130,693; Sept. 20.
- Nashua Gummed and Coated Paper Company. (See Gautier, Trevor R., assignor.)
- Nashua Gummed and Coated Paper Company. (See Hines, Karl R., Jr., assignor.)
- Nashua Gummed and Coated Paper Company. (See Swain, William F., assignor.)
- Nasman, John A., Horton, Kans. Animal feeder. 2,116,361; May 3.
- Naso, Stephen, and F. Goodstein, Easton, Pa. Pinking machine. 2,128,846; Aug. 30.
- Nason, Howard K., assignor to Monsanto Chemical Company, St. Louis, Mo. Safety glass. 2,126,028; Aug. 9.
- Nassau Smelting and Refining Company. (See Deitz, L. S., Jr., and Weiser, assignors.)
- Nassau Smelting & Refining Company. (See Stack, James R., assignor.)
- Nassau Smelting and Refining Company. (See Willard, Frederic W., assignor.)
- Nasser, John J., Kingston, Pa. Key container. 2,130,469; Sept. 20.
- Nast, Paul H., Claremont, N. H., assignor to Sullivan Machinery Company. Punching mechanism. 2,121,817; June 28.
- Nast, Paul H., Claremont, N. H., assignor to Sullivan Machinery Company. Punching mechanism. 2,121,818; June 28.
- Nast, Paul H., Claremont, N. H., assignor to Sullivan Machinery Company. Tool forging method. 2,136,083; Nov. 8.
- Nasu, Shigeji. (See Matsuyama, Y., Kuno, and Nasu.)
- Natalie Shades, Inc. (See Cohon, Benjamin J., assignor.)
- Natelson, Samuel. (See Kramer, B., Natelson, and Sobel.)
- Nathan Manufacturing Company. (See Folke, B. E., and Wollheim, assignors.)
- Nathan Manufacturing Company. (See Folke, Bengt E., assignor.)
- Nathansohn, Alexander, Berlin-Wilmersdorf, Germany. Treatment of textiles. 2,130,150; Sept. 13.
- Nathansohn, Alexander, assignor to the firm Studiengesellschaft für Faserveredlung m. b. H., Berlin, Germany. Rendering wool textiles repellent to water and product made thereby. 2,110,383; Mar. 8.
- Nathe, Charles G., Jr., St. Cloud, Minn. Receptacle closure. 2,104,593; Jan. 4.
- Nation, Augustus, Birmingham, Ala. Sanding apparatus. 2,138,526; Nov. 29.
- Nation, John, Ree Heights, S. Dak. Wheel. 2,125,802; Aug. 2.
- National Acme Company, The. (See Drissner, Alfred E., assignor.)
- National Acme Company, The. (See Hogg, William J., assignor.)
- National Airoil Burner Company. (See Straitz, John F., assignor.)
- National Aluminate Corporation. (See Fink, Gail J., assignor.)
- National Aluminate Corporation. (See Kirkpatrick, Wilford H., assignor.)
- National Aluminate Corporation. (See McKinley, J. M., and Carter, assignors.)
- National Aluminate Corporation. (See Richardson, Homer H., assignor.)
- National Aniline & Chemical Company. (See Anderson, C. I., and Payne, assignors.)
- National Aniline & Chemical Company. (See Coons, Kenneth W., assignor.)
- National Aniline & Chemical Company. (See Crowell, Joyce H., assignor.)
- National Aniline & Chemical Company. (See Flett, Lawrence H., assignor.)
- National Aniline & Chemical Company. (See Foster, Harold B., assignor.)
- National Aniline & Chemical Company. (See Foster, H. B., and Punnett, assignors.)
- National Aniline & Chemical Company. (See Herrett, Wilbert A., assignor.)
- National Aniline and Chemical Company. (See Kern, Jean G., assignor.)
- National Aniline and Chemical Company. (See Perkins, Robert L., assignor.)
- National Aniline & Chemical Company. (See Punnett, Elton B., assignor.)
- National Aniline and Chemical Company. (See Richards, George H., assignor.)
- National Aniline & Chemical Company. (See Rogers, Donald G., assignor.)
- National Aniline and Chemical Company. (See Stevenson, John S., assignor.)
- National Aniline and Chemical Company. (See Thornton, Irving T., assignor.)
- National Aniline & Chemical Company. (See Wilder, Richard S., assignor.)
- National Automatic Tool Company, The. (See Schafer, Robert A., assignor.)
- National Automatic Tool Company, The. (See Schafer, R. A., Muht, Opel, and Reissman, assignors.)
- National Automotive Fibres, Inc. (See Mitchell, Allister S., assignor.)



- National Battery Company. (See Fuhrmann, Alvin O., assignor.)  
 National Battery Company. (See Reetz, Carl G., assignor.)  
 National Battery Company. (See Snyder, Almond H., assignor.)  
 National Bearing Metals Corporation. (See Vigne, Albert, assignor.)  
 National Biscuit Company. (See Davidson, Bruce J., assignor.)  
 National Biscuit Company. (See Maveety, Donald J., assignor.)  
 National Biscuit Company. (See Wharmby, James W., assignor.)  
 National Blank Book Company. (See Hammen, Charles B., assignor.)  
 National Blank Book Company. (See Schade, Frank S., assignor.)  
 National Blank Book Company. (See Schade, John, assignor.)  
 National Bread Wrapping Machine Co. (See Hoppe, W., and Roberts, assignors.)  
 National Broach & Machine Company. (See Praeg, Walter S., assignor.)  
 National Cable, Inc. (See Gobatti, Edmond F., assignor.)  
 National Carbon Coated Paper Company. (See Yancey, John H., assignor.)  
 National Carbon Company, et al. (See Supplee, George C., assignor.)  
 National Card Mounting Company. (See Mancuso, Ralph, assignor.)  
 National Cash Register Company, The. (See Arnold, Charles H., assignor.)  
 National Cash Register Company, The. (See Breitling, Ernst, assignor.)  
 National Cash Register Company, The. (See Breitling, E., and Patzelt, assignors.)  
 National Cash Register Company, The. (See Breitling, E., and Wagner, assignors.)  
 National Cash Register Company, The. (See Christian, Raymond A., assignor.)  
 National Cash Register Company, The. (See Davidson, John T., assignor.)  
 National Cash Register Company, The. (See Dicke, Allen A., assignor.)  
 National Cash Register Company, The. (See Dieserud, Helge C., assignor.)  
 National Cash Register Company, The. (See Ganger, Jesse R., assignor.)  
 National Cash Register Company, The. (See Green, Charles W., assignor.)  
 National Cash Register Company, The. (See Kirshner, Arthur C., assignor.)  
 National Cash Register Co., The. (See Klaar, A., Arndt, and Berning, assignors.)  
 National Cash Register Company, The. (See Kömmling, Leo G. A., assignor.)  
 National Cash Register Company, The. (See Lehmann, K. A., and Breitling, assignors.)  
 National Cash Register Company, The. (See Neureiter, H., and Berning, assignors.)  
 National Cash Register Company, The. (See Placke, E. H. and Tasker, assignors.)  
 National Cash Register Company, The. (See Robertson, William H., assignor.)  
 National Cash Register Company, The. (See Shipley, Bernis M., assignor.)  
 National Cash Register Company, The. (See Shipley, B. M., Shurlino, and Placke, assignors.)  
 National Colortype Company, The. (See Ryder, Charles D., assignor.)  
 National Company. (See Eyrick, P. A., and Hopkins, assignors.)  
 National Development Company. (See Lawson, Oscar L., assignor.)  
 National Drug Company, The. (See Greenbaum, Frederick R., assignor.)  
 National Electric Products Corporation. (See Bennett, Inslee A., assignor.)  
 National Electric Products Corporation. (See Clayton, Martin M., assignor.)  
 National Electric Products Corporation. (See Corbett, Alfred, assignor.)  
 National Electric Products Corporation. (See Corbett, A., and Fullman, assignors.)  
 National Electric Products Corporation. (See Fullman, James M. G., assignor.)  
 National Electric Screen Co. (See Lindsley, Edward A., assignor.)  
 National Enameling and Stamping Company. (See Smith, Alva T., assignor.)  
 National Engineering Company. (See Nicholls, William H., Sr.)  
 National Engineering & Manufacturing Company. (See Yeager, Milburn E., assignor.)  
 National Fire Detector Corporation. (See Grison, Joseph, assignor.)  
 National Fireworks, Inc. (See Jones, E. B., and Babbitt, assignors.)  
 National Fireworks, Inc. (See Jones, E. B., and Clark, assignors.)  
 National Foam System Inc. (See Wood, John C., assignor.)  
 National Folding Box Company. (See Gollisano, John, assignor.)  
 National Folding Box Company. (See Hinkle, Hutchinson S., assignor.)  
 National Folding Box Company. (See Ringler, William A., assignor.)  
 National Fuels Corporation. (See Berry, George A., assignor.)  
 National Gas and Oil Engine Company, The, et al. (See Burn, Walter S., assignor.)  
 National Gypsum Company. (See Crandell, Dean De F., assignor.)  
 National Gypsum Company. (See Neher, Roy, assignor.)  
 National Ice Supply Company. (See Fink, Ferdinand, assignor.)  
 National Incar Table Co. (See Wuest, John H., assignor.)  
 National Lead Company. (See Behr, Gustave E., assignor.)  
 National Lead Company. (See Espenschied, Helmut, assignor.)  
 National Lead Company. (See Hiersk, George O., assignor.)  
 National Lead Company. (See McCord, Andrew T., assignor.)  
 National Lead Company. (See Plechner, Walter W., assignor.)  
 National Lead Company. (See Plechner, W. W., and Hixson, assignors.)  
 National Lead Company. (See Plechner, W. W., and Jarmus, assignors.)  
 National Lead Company. (See Rockstroh, Joachim, assignor.)  
 National Lead Company. (See Schmidt, Charles L., assignor.)  
 National Lead Company. (See Stewart, Alexander, assignor.)  
 National Lock Co. (See Anderson, Lloyd, assignor.)  
 National Lock Co. (See Lindstrom, G. D., and North, assignors.)  
 National Lock Co. (See North, Edwin W., assignor.)  
 National Lock Company. (See Wade, W., and North, assignors.)  
 National Lock Washer Company, The. (See Blessin, Siegfried E., assignor.)  
 National Lock Washer Company. (See Schunk, Joseph, assignor.)  
 National Machine Products Company. (See Stoll, Albert, assignor.)  
 National Machinery Company, The. (See Clouse, William L., assignor.)  
 National Machinery Company, The. (See Friedman, John H., assignor.)  
 National Machinery Company, The. (See Kaufman, Charles, assignor.)  
 National Malleable and Steel Castings Company. (See Bazeley, Arthur J., assignor.)  
 National Malleable and Steel Castings Company. (See Blackmore, William, assignor.)  
 National Malleable and Steel Castings Company. (See Gavin, Beauford E., assignor.)  
 National Malleable and Steel Castings Company. (See Hobson, Roy C., assignor.)  
 National Malleable and Steel Castings Company. (See Shafer, James A., assignor.)  
 National Manufacturing Co. (See Bittorf, Louis A., assignor.)  
 National Maté Corporation. (See Fisher, Ernest E., assignor.)  
 National Meter Company. (See Bergman, Charles P., assignor.)  
 National Mineral Company, The. (See Pitner, Marion W., assignor.)  
 National Oil Products Company. (See Steik, K. T., and Muller, assignors.)  
 National Oil Seal Co. (See Owen, Donham, assignor.)  
 National Pecan Growers Exchange. (See Bullard, W. P., and Guy, assignors.)  
 National Pecan Growers Exchange. (See Bullard, W. P., and Williams, assignors.)  
 National Pigments and Chemical Company. (See Baernstein, Malvin A., assignor.)  
 National Pneumatic Company. (See Conklin, Roscoe D., assignor.)  
 National Pneumatic Company. (See Forman, Paris R., assignor.)  
 National Pneumatic Company. (See Parvin, Edward G., assignor.)  
 National Postal Meter Company. (See Ryan, Commodore D., assignor.)  
 National Poultry Equipment Co. (See Powell, John E., assignor.)  
 National Printing Appliance Corporation. (See Guire, H. G., and Chalfonte, assignors.)  
 National Pressure Cooker Company. (See Nelson, Carl, assignor.)  
 National Process Co. Inc. (See Snelling, Nicholas, assignor.)  
 National Processes Limited. (See Robson, S., and Gyles, assignors.)  
 National Products Corporation. (See Pierson, Willett C., assignor.)  
 National Pumps Corporation. (See Moore, Fred W., assignor.)  
 National Radiator Corporation. (See Young, J. L., and Jephson, assignors.)



- National Refining Company. (See Downey, Victor I., assignor.)  
 National Refining Company, The. (See Setzler, Horace B., assignor.)  
 National Rifle Association. (See Hakenjos, F. M., and Lister, assignors.)  
 National Rubber Machinery Company. (See Heston, Allen L., assignor.)  
 National Rubber Machinery Company. (See Shook, Florain J., assignor.)  
 National Rubber Machinery Company. (See Woodin, Charles K., assignor.)  
 National Screw & Manufacturing Company, The. (See Erdman, Harvey C., assignor.)  
 National Screw & Manufacturing Company, The. (See Mortus, Benjamin H., assignor.)  
 National Silver Deposit Ware Co. (See Cravaritis, Andrew, assignor.)  
 National Soda Straw Company. (See Goldberg, Max, assignor.)  
 National-Standard Company. (See Doom, Elgin C., assignor.)  
 National Standard Company. (See Elfstrom, Nils, assignor.)  
 National Standard Company. (See Harrah, Clayton C., assignor.)  
 National-Standard Company. (See Hormel, August, assignor.)  
 National Standard Company. (See Pierce, Robert C., assignor.)  
 National-Standard Company. (See Shook, Florain J., assignor.)  
 National Supply Company, The. (See Archer, Merton T., assignor.)  
 National Supply Company, The. (See Blevins, Herman G., assignor.)  
 National Supply Company, The. (See Engstrom, Birger, assignor.)  
 National Supply Company. (See Hill, Rowland F., assignor.)  
 National Supply Company, The. (See Leman, Arthur L., assignor.)  
 National Supply Company. (See Mahan, Joseph R., assignor.)  
 National Supply Company, The. (See Picard, John B., assignor.)  
 National Supply Company, The. (See Spalding, John D., assignor.)  
 National Supply Company, The. (See Texter, Howard G., assignor.)  
 National Sure-Fit Quilting Company. (See Hiltbrunner, Arnold, assignor.)  
 National Telephone Supply Company, The. (See Klein, Charles H., assignor.)  
 National Television Corporation. (See Harding, Robert Jr., assignor.)  
 National Television Corporation. (See McKay, John W., assignor.)  
 National Television Corporation. (See Zillger, Arno, assignor.)  
 National Traffic Signal Company. (See Olafson, Alvin O., assignor.)  
 National Transit Pump & Machine Company. (See Valentine, Warren P., assignor.)  
 National Tube Company. (See Alger, Allan E., assignor.)  
 National Tube Company. (See Baxter, James W., assignor.)  
 National Tube Company. (See Boax, John J., assignor.)  
 National Tube Company. (See Findlater, Stevenson, assignor.)  
 National Tube Company. (See Foley, John P., assignor.)  
 National Tube Company. (See Graham, Thomas A., assignor.)  
 National Tube Company. (See Graham, T. A., and Mollison, assignor.)  
 National Tube Company. (See Heimbach, Charles H., assignor.)  
 National Tube Company. (See Moise, Bolton C., assignor.)  
 National Tube Company. (See Paine, Sumner E., assignor.)  
 National Tube Company. (See Rac, John, assignor.)  
 National Tube Company. (See Sneddon, John, assignor.)  
 National Tube Company. (See Speller, Frank N., assignor.)  
 National Tube Company. (See Wehman, William T., assignor.)  
 National Twist Drill & Tool Company. (See Oxford, C. J., and Nelson, assignors.)  
 National Vulcanized Fibre Co. (See Hackett, Harry C., assignor.)  
 National Vulcanized Fibre Co. (See Tatnall, Joseph S., assignor.)  
 National Water Main Cleaning Co. (See Inglee, Clinton, assignor.)  
 National Zinc Company. (See Leverett, Warren H., assignor.)  
 Nationale Telephon- und Telegraphen werke G. m. b. H. (See Amann, M., Günther, and Lahl, assignors.)  
 Natkeli, Harry, Bronx, assignor to H. Engelke, New York, N. Y. Flat hair curler. 2,109,338; Feb. 22.  
 Natoli, Anthony, Elmhurst, N. Y. Musical instrument valve drip cup. 2,137,992; Nov. 22.  
 Naturin Gesellschaft mit beschränkter Haftung. (See Becker, Oskar W., assignor.)  
 Naucier, Johan O. (See Wessblad, K. A., Göth, and Naucier.)  
 Nauert, Carl H. (See Pleasant, H. E., and Nauert.)  
 Nauert, Carl H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,139,244; Dec. 6.  
 Naugler, Walter E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Spray coating apparatus. 2,106,187; Jan. 25.  
 Naumann, Friedrich K., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,109,118; Feb. 22.  
 Naumann, Friedrich K., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,109,119; Feb. 22.  
 Naumann, Friedrich K., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,132,877; Oct. 11.  
 Naunton, William J. S., Manchester, and G. H. C. Corner, Birmingham, England, assignors to Talon, Inc. Making slide fasteners. 2,131,255; Sept. 27.  
 Nawlasky, Paul. (See Roesch, G., Nawlasky, and Saftien.)  
 Nawlasky, Paul. (See Rösch, G., Nawlasky, and Saftien.)  
 Nawo, Louis, Berlin-Steglitz, Germany, assignor to General Electric Company. Hot plate. 2,114,888; Apr. 19.  
 Nav, George M. (See Farrar, Merritt L., assignor.)  
 Naylor, William E. (See Pennell, L. P., Stone, and Naylor.)  
 Naylor, William E., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing device. 2,111,124; Mar. 15.  
 Nazel, Beatrice S. (See Weyer, Henry A., assignor.)  
 Nazir, Phiroze P., Byfleet, England. Aeroplane and the like. 2,120,568; June 14.  
 Neal, Arthur M. (See Williams, I., and Neal.)  
 Neal, Arthur M. (See Williams, I., Douglass, and Neal.)  
 Neal, Arthur M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 4,4'-dialkoxy diphenylamines. 2,128,100; Aug. 23.  
 Neal, David S., Harrod, Ohio. Rotary material distributor for material handling apparatus. 2,133,396; Oct. 18.  
 Neal, John B., Allston, assignor of thirty-seven and one-half per cent to F. H. McAdams, Revere, and twenty-five per cent to E. E. Kent, Newton, Mass. Combined milk and cream container and separator. 2,126,655; Aug. 9.  
 Neale, Edgar W., Quinton, Birmingham, and A. H. Handley, Northfield, Birmingham, England. Hand guard for rotary cutters. 2,122,109; June 28.  
 Nealon, George A., deceased, Indianhead, Md.; L. A. Nealon, administratrix. Siphon device. 2,109,781; Mar. 1.  
 Nealon, L. Agnes, administratrix. (See Nealon, George A.)  
 Nealon, Thomas F., Boston, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of hydrocarbon resins. 2,119,957; June 7.  
 Neaman, Harry L., et al. (See Carney, Daniel E., assignor.)  
 Neaves, Blanche, Missoula, Mont. Net liner. 2,110,811; Mar. 8.  
 Nebel Knitting Company. (See Folkman, Robert A., assignor.)  
 Nebel Knitting Company. (See Griffin, William L., Sr., assignor.)  
 Nebeling, Edmund R., Woodhaven, N. Y. Detachable shoe heel lift. 2,120,112; June 7.  
 Nebich, Rudi, Chemnitz, Germany. Flat knitting frame. 2,124,890; July 26.  
 Nebraska Appliance Company. (See Amos, A. G., McGrew, and Hergenrader, assignors.)  
 Necho, Louis. (See Gleason, Stanley F., assignor.)  
 Neck, Gustav C., Nossebro, Sweden. Manufacture of insulator heads. 2,106,647; Jan. 25.  
 Neck, Gustav C., Nossebro, Sweden. Bracket for wire. 2,113,489; Apr. 5.  
 Neckel, Edmund N., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Stacking device. 2,110,453; Mar. 8.  
 Neckel, Edmund N., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Control mechanism for pressing machines. 2,139,091; Dec. 6.  
 Nederman, Harold J., assignor to Permanent Mothproof Company, Kansas City, Mo. Insect exterminator. 2,113,548; Apr. 5.  
 Neebe, Lawrence L., Woodbury, N. J. Waist bearer and crosstie. 2,131,540; Sept. 27.  
 Needham, John T., North Plainfield, N. J., assignor to Lamson General Conveyors, Limited, Montreal, Quebec, Canada. Carrier for pneumatic dispatch tube apparatus. 2,104,093; Jan. 4.  
 Needham, Ralph A., Lone Rock, Wis. Hygrometer. 2,138,707; Nov. 29.  
 Needham, William. (See Sykes, C. and Needham.)  
 Needler, Marley, Muskegon, Mich. Lawn sprinkler. 2,132,314; Oct. 4.  
 Neeld, Charles M., assignor to R. M. Neeld, Pittsburgh, Pa. Bridge structure. 2,110,235; Mar. 8.  
 Neeld, Robert M. (See Neeld, Charles M., assignor.)  
 Neely, Frank R., Allentown, Pa. Box manufacture. 2,110,307; Mar. 8.



- Neely, Frank R., assignor to A. H. Balliet Corporation, Allentown, Pa. Composite box and manufacture thereof. 2,105,359; Jan. 11.
- Neely, Frank R., Allentown, Pa. Box. 2,139,845; Dec. 13.
- Neely, Thomas H. (See Lang, A. G., and Neely.)
- Neesen, Carl, assignor to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany. Multiple circuit connector device. 2,124,207; July 19.
- Neeson, Charles R. (See Weiland, A., and Neeson.)
- Neeson, Charles R., New Rochelle, N. Y., assignor to Baldwin-Southwark Corporation. Liquid control means for air conditioning apparatus. 2,111,570; Mar. 22.
- Neeson, Charles R., New Rochelle, N. Y., assignor to Baldwin-Southwark Corporation. Refrigerating system for cooling or heating. 2,131,355; Sept. 27.
- Neeson, Charles R., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Compressor. 2,137,965; Nov. 22.
- Neff, Arthur A., Paulsboro, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Neutralizing high boiling petroleum oils. 2,114,352; Apr. 19.
- Neff, Asa J., assignor of one-half to E. Mims and C. Mims, Laredo, Tex. Portable gin pole. 2,128,712; Aug. 30.
- Neff, James A., Dover Center, Ohio. Fishing lure. 2,117,206; May 10.
- Neff, Paul W., Pittsburgh, Pa. Transmission. 2,115,117; Apr. 26.
- Negishi, Eizaburo, Kiriu, Japan. High speed spinning machine. 2,117,675; May 17.
- Negri, James, Hoboken, N. J. Surfboard and propelling means therefor. 2,110,812; Mar. 8.
- Negrini, Bruno, et al. (See Lodetti, Angelo, assignor.)
- Negrotto, Sidney H., New Orleans, La. Machine gun cart. 2,108,826; Feb. 22.
- Neher, Harry T., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Esters of acrylic acid. 2,117,349; May 17.
- Neher, Harry T., Bristol, and C. S. Hollander, Holmesburg, assignors to Röhm & Haas Company, Philadelphia, Pa. Polymeric materials. 2,114,233; Apr. 12.
- Neher, Leroy P., St. Louis, Mo. Display device and folder. 2,123,610; July 12.
- Neher, Leroy P., St. Louis, Mo. Pocket type display device. 2,127,342; Aug. 16.
- Neher, Leroy P., St. Louis, Mo. Bottle collar. 2,135,830; Nov. 8.
- Neher, Leroy P., St. Louis, Mo. Bottle collar. 2,139,031; Dec. 6.
- Neher, Roy, Clarence Center, assignor to National Gypsum Company, Buffalo, N. Y. Bundling machine. 2,113,549; Apr. 5.
- Nehls, Charles H., Detroit, Mich. Locking closure. 2,135,351; Nov. 1.
- Nehls, Charles H., Detroit, Mich. Extensible handle. 2,141,659; Dec. 27.
- Nehus, Francis B., assignor of one-half to A. H. Bode, Cincinnati, Ohio. Adjustable arch support. 2,113,898; Apr. 12.
- Neider, Robert G., assignor to The Submarine Gold Mining Company, Boise, Idaho. Gold mining machinery. 2,106,157; Jan. 25.
- Neidhardt, Hans, Berlin, Germany, assignor to General Electric Company. Electric valve converting system. 2,114,856; Apr. 19.
- Neidich, Samuel A., Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Making typewriter ribbons. 2,104,237; Jan. 4.
- Neidich, Samuel A., Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Ink composition. 2,139,092; Dec. 6.
- Neidlein, Leonhard. (See Röhm, R., and Neidlein.)
- Neifert, Harry R. (See Horger, O. J., and Neifert.)
- Neifert, Jonah E., Casey, Iowa. Glass jar vise. 2,132,697; Oct. 11.
- Neighbors, Charles C., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic material. 2,105,092; Jan. 11.
- Neighbors, Charles C., and H. E. Meinema, assignors to Johnson Laboratories, Inc., Chicago, Ill. Intermediate-frequency coupling device. 2,106,253; Jan. 25.
- Neighbour, Leonard B., assignor to Deere & Company, Moline, Ill. Corn sheller. 2,117,494; May 17.
- Neil, John N., Sault Ste. Marie, Ontario, Canada. Drum filter. 2,124,828; July 26.
- Neil, Mark C., River Forest, Ill. Refractory block and structure. 2,120,000; June 7.
- Neil, Wm. P., Company. (See Edison, John S., assignor.)
- Neill, Henry R. (See Matthew, J. A., and Neill.)
- Neils, Ray E. (See Flynn, T. P., and Neils.)
- Neilsen, Peter C. (See Eeklund, R. T. and Neilsen.)
- Neilson, Albert H., Tulsa, Okla. Fishing tool. 2,123,791; July 12.
- Neilson, Don M., assignor of one-third to A. Murdock and one-third to E. A. Griffiths, Beaver, Utah. Toy vehicle. 2,136,752; Nov. 15.
- Neilson, Frank, New York, N. Y. Fuel saver for engines. 2,107,832; Feb. 8.
- Nein, William C. (See Sporn, P., Wolford, and Nein.)
- Nein, William C., White Plains, and T. W. Varley, New York, N. Y., assignors to Automatic Signal Corporation, East Norwalk, Conn. Traffic control apparatus. 2,114,968; Apr. 19.
- Neisler Mills, Inc. (See Jackson, Howard B., assignor.)
- Neitz, John J. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)
- Nellis, Joseph J., Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,108,135; Feb. 15.
- Nell, Frederic, assignor to Landis Machine Company, Waynesboro, Pa. Chaser assembly. 2,120,621; June 14.
- Nell, Frederic, assignor to Landis Machine Company, Waynesboro, Pa. Thread forming mechanism. 2,131,965; Oct. 4.
- Nellen, Arthur H., Merion, assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Tire construction. 2,131,636; Sept. 27.
- Nelles, Johannes. (See Bayer, O., and Nelles.)
- Nelles, Johannes, Leverkusen-Schlebusch, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Unsaturated ketones. 2,105,792; Jan. 18.
- Nelles, Johannes, and O. Bayer, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. B-halogenated vinyl ketones. 2,125,393; Aug. 2.
- Nellis, Edward A., Dayton, Ohio. Lawn tool. 2,133,208; Oct. 11.
- Nelsen, Albert L., Fargo, N. Dak. Device for the control or measurement of the flow of the contents from cartons or containers. 2,127,417; Aug. 16.
- Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,104,350; Jan. 4.
- Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,128,662; Aug. 30.
- Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,128,663; Aug. 30.
- Nelson, Albert. (See Conery, W. J., and Nelson.)
- Nelson, Albert C., Flushing, N. Y., assignor to Westinghouse X-Ray Company, Inc. Shockproof X-ray tube stand. 2,122,988; July 5.
- Nelson, Anna J., administratrix. (See Nelson, Robert O.)
- Nelson, Anthony. (See Leitch, John, assignor.)
- Nelson, Arthur S., Hartford, Conn. Weaving needle. 2,117,350; May 17.
- Nelson, Arthur W., Park Ridge, Ill. Golf club. 2,131,966; Oct. 4.
- Nelson, Bert J. (See Coles, W. H., and Nelson.)
- Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Can sealer. 2,132,041; Oct. 4.
- Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Can sealer. 2,133,869; Oct. 18.
- Nelson, Charles, Miami, Fla. Constructing holders. 2,108,594; Feb. 15.
- Nelson, Charles E. (See Hanawalt, J. D., and Nelson.)
- Nelson, Charles E., and J. S. Peake, assignors to The Dow Chemical Company, Midland, Mich. Producing magnesium. 2,122,435; July 5.
- Nelson, Charles E., and H. De Long, assignors to The Dow Chemical Company, Midland, Mich. Treatment of magnesium and its alloys. 2,138,794; Nov. 29.
- Nelson, Charles S. (See Woodell, C. E., Nelson, and Lincoln.)
- Nelson, Charles S., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Composition of matter and manufacturing the same. 2,114,636; Apr. 19.
- Nelson, Christian B., and I. Spinner, assignors, by mesne assignments, to Plastic Binding Corporation, Chicago, Ill. Binding machine. 2,108,136; Feb. 15.
- Nelson, Christian B., and B. Lindell, Chicago, Ill., assignors to Hooven Automatic Typewriter Company, Hamilton, Ohio. Printing machine. 2,137,851; Nov. 22.
- Nelson, Christian H., Lyndhurst, N. J. Container. 2,140,542; Dec. 20.
- Nelson, Clarence E. (See Ames, R. A., Barner, and Nelson.)
- Nelson, Clarence E. B., Beaumont, Calif. Battery terminal. 2,135,910; Nov. 8.
- Nelson Corporation, The. (See Nelson, J. M., Jr., and Watson, assignors.)
- Nelson, David V., Chicago, Ill. Wall construction. 2,109,072; Feb. 22.
- Nelson, David V., Chicago, Ill. Building construction. 2,124,311; July 19.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Fractionation. 2,127,004; Aug. 16.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,130,363; Sept. 20.
- Nelson, Elias W., Belmont, Mass., assignor to H. B. Glover Company, Dubuque, Iowa. Garment. 2,136,393; Nov. 15.
- Nelson, Elnathan K. (See Blanck, F. C., Swenson, Mottern, Goresline, and Nelson.)
- Nelson, Emil A., St. Clair Shores, Mich. Apparatus for forming disk wheels or the like. 2,138,115; Nov. 29.



- Nelson, Emil A., St. Clair Shores, Mich., assignor of one-half to D. Young and one-fourth to F. W. Gay. Motor vehicle. 2,138,114; Nov. 29.
- Nelson, F. C., et al. (See Johnston, Clarence S., assignor.)
- Nelson, Frank A., assignor to E. M. Fisher, Wichita, Kans. Wheel tool. 2,113,408; Apr. 5.
- Nelson, Frank E., Belmont, Mass. Spring toggle universal joint. 2,137,179; Nov. 15.
- Nelson, Frank S., et al. (See Hall, John L., assignor.)
- Nelson, George B. (See Roedding, G. E., and Nelson.)
- Nelson, George M., Tacoma, Wash. Pocket shears. 2,123,792; July 12.
- Nelson, George S., Revere, assignor to The Forbes Lithograph Manufacturing Company, Boston, Mass. Display stand. 2,133,254; Oct. 11.
- Nelson, George T., Nashville, Tenn. Expansion joint setting apparatus. 2,125,194; July 26.
- Nelson, Gustave A., et al., executors. (See Everett, Edward A.)
- Nelson, Harmon O., assignor to Whitin Machine Works, Whitinsville, Mass. Yarn and cord stretching apparatus. 2,132,753; Oct. 11.
- Nelson, Henry F., Danville, Ill. Bicycle lock. 2,125,170; July 26.
- Nelson, Herbert, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Tuning indicator tube. 2,132,216; Oct. 4.
- Nelson, Herman, Corporation, The. (See Nelson, Richard H., assignor.)
- Nelson, Ian T., and R. Jack, Edinburgh, Scotland. Machine for trimming electrotypes or stereotype plates. 2,117,007; May 10.
- Nelson, Ira L., Boston, Mass. Relief valve. 2,137,882; Nov. 22.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,105,774; Jan. 18.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,111,152; Mar. 15.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,121,471; June 21.
- Nelson, John. (See Johnson, John H., assignor.)
- Nelson, John. (See Oxford, C. J., and Nelson.)
- Nelson, John B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Shutter construction. 2,119,717; June 7.
- Nelson, John M., Jr., Baltimore, and E. Watson, Towson, assignors to The Nelson Corporation, Baltimore, Md. Container for sheet materials. 2,137,142; Nov. 15.
- Nelson, John W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Oil burning furnace. 2,107,871; Feb. 8.
- Nelson, John W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Retort for vaporizing liquid fuel. 2,127,267; Aug. 16.
- Nelson, Lawrence M., Los Altos, Calif. Pit burner. 2,119,827; June 7.
- Nelson, Martin L., Park Ridge, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic auditing and tabulating system. 2,129,743; Sept. 13.
- Nelson, Martin P., Rutherford, N. J. Transportation device. 2,117,905; May 17.
- Nelson, Mathews, Tulsa, Okla. Ventilator. 2,130,811; Sept. 20.
- Nelson, Nels, Upper Darby, Pa. Radio turning device. 2,108,607; Feb. 15.
- Nelson, Nels A., assignor to R. T. Moloney, Chicago, Ill. Contact switch for ball rolling games. 2,109,678; Mar. 1.
- Nelson, Nels C., Bertrand, Nebr. Automatic power lift for agricultural implements. 2,141,819; Dec. 27.
- Nelson, Nels H., Milford, Iowa. Tobacco ash receptacle. 2,110,773; Mar. 8.
- Nelson, Norman D., assignor to G. Felsenthal & Sons, Chicago, Ill. Display device and producing same. 2,116,471; May 3.
- Nelson, Oscar G., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Coiling apparatus. 2,122,485; July 5.
- Nelson, Oscar H., assignor to Iver Johnson's Arms & Cycle Works, Fitchburg, Mass. Slight for firearms. 2,116,250; May 3.
- Nelson, Oscar T., Cleveland, Ohio. Dashboard tire pressure gauge. 2,135,990; Nov. 8.
- Nelson, Owen F., Detroit, Mich. Seal. 2,137,303; Nov. 22.
- Nelson, Peter N. (See Dahlstrom, A., and Nelson.)
- Nelson, Ralph W., Portland, Ore. Device for treating thermometers in hospitals. 2,110,308; Mar. 8.
- Nelson, Richard H., assignor to The Herman Nelson Corporation, Moline, Ill. Conversion oil burner. 2,117,006; May 10.
- Nelson, Robert O., deceased, Los Angeles, Calif.; A. J. Nelson, administratrix, assignor, by mesne assignments, to The Engineering and Research Corporation, New Haven, Conn. Automatic variable traffic regulator. 2,135,525; Nov. 8.
- Nelson, Roy F. (See Kaufman G., and Nelson.)
- Nelson, Roy F., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treated fuel. 2,120,206; June 7.
- Nelson, Russell B. (See Edwards, O. M., and Nelson.)
- Nelson, Stanley F., Eustis, Fla., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,113,217; Apr. 5.
- Nelson, Stewart, New York, N. Y. Frankfurter broiler. 2,125,471; Aug. 2.
- Nelson, Thomas E., Pontiac, Mich. Oil seal. 2,132,042; Oct. 4.
- Nelson, Vernon L., Collbran, Colo. Control for motor vehicle clutches, brakes, and transmissions. 2,138,426; Nov. 29.
- Nelson, William C., Clearwater, Kans. Air cooling device. 2,109,926; Mar. 1.
- Nelson, William J., and E. A. Leiding, Orr, Minn. Sport sled. 2,139,513; Dec. 6.
- Nemec, Joseph, Western Springs, Ill., assignor to The Midland Company, South Milwaukee, Wis. Door operating means. 2,111,870; Mar. 22.
- Nemec, Joseph, Western Springs, Ill., assignor to The Midland Company, South Milwaukee, Wis. Door hand grasp and latching mechanism. 2,113,626; Apr. 12.
- Nemeroff, Victor, assignor to Electro Manufacturing Co., Chicago, Ill. Bed lamp. 2,138,744; Nov. 29.
- Nemetz, Gustav, assignor to the firm Alex. Friedmann, Vienna, Austria. Labyrinth packing for bearings. 2,108,724; Feb. 15.
- Nenninger, Lester F., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Apparatus for lapping. 2,111,271; Mar. 15.
- Neon Lights, Incorporated. (See Smith, Arthur L., assignor.)
- Neptune Meter Company. (See Bachmann, Charles, assignor.)
- Neptune Meter Company. (See Hazard, Charles S., assignor.)
- Neptune Meter Company. (See Hazard, C. S., and Marden, assignors.)
- Neptune Meter Company. (See Marden, William L., assignor.)
- Neracher, Carl A., Detroit, and T. Iavelli, Dearborn, assignors to Chrysler Corporation, Detroit, Mich. Power transmission. 2,129,863; Sept. 13.
- Neresheimer, Heinrich, and W. Ruppel, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the pyrazino-anthraquinone series. 2,105,840; Jan. 18.
- Neresheimer, Heinrich, and W. Ruppel, Ludwigshafen-on-the-Rhine, and W. Eichholz, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the pyrazine series. 2,123,251; July 12.
- Neresheimer, Heinrich, R. Held, and A. Vilsmeier, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compounds of the 3,4,8,9-dibenzopyrene-5,10-quinone series. 2,124,891; July 26.
- Neresheimer, Heinrich, and W. Ruppel, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,131,480; Sept. 27.
- Neresheimer, Heinrich, and A. Vilsmeier, Ludwigshafen-on-the-Rhine, and K. Heymann, Akron, Ohio, assignors to General Aniline Works, Inc., New York, N. Y. Esters of high molecular weight. 2,135,259; Nov. 1.
- Nergaard, Leon S. (See Zottu, P. D., Nergaard, and Haef.)
- Nergaard, Leon S., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum thermocouple. 2,122,262; June 28.
- Nergaard, Leon S., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America. Current conductor support. 2,130,309; Sept. 13.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,115,783; May 3.
- Nerwin, Hubert, Dresden-Blasewitz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,104,094; Jan. 4.
- Nerwin, Hubert, Dresden-Seidnitz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Film spool for photographic cameras. 2,137,502; Nov. 22.
- Nesbit, Paul W., Walsenburg, Colo. Work or test sheet. 2,115,740; May 3.
- Nesblitt, John J., Inc. (See McElgin, John, assignor.)
- Nespor, Peter, Vienna, Austria. Production of color films and color photographs. 2,133,713; Oct. 18.
- Ness, Artur, Hamburg, assignor to Deschmag, Bremen, Germany. Hydraulic coupling. 2,130,895; Sept. 20.
- Ness, Edward E., assignor to Morris Packaging Equipment Company, Toledo, Ohio. Machine for wrapping bars of butter or the like. 2,108,516; Feb. 15.
- Ness, Edward E., assignor to Morris Packaging Equipment Company, Toledo, Ohio. Wrapping and packaging machine. 2,111,901; Mar. 22.
- Ness, Edward E., assignor to Morris Packaging Equipment Company, Toledo, Ohio. Method and apparatus for making cartons. 2,116,362; May 3.
- Ness, James G., East Point, Ga., assignor to H. R. Van Deventer, New York, N. Y. Electrical attachment device. 2,117,816; May 17.
- Ness, William H. C., Los Angeles, Calif. Roof flashing and retaining means therefor. 2,134,275; Oct. 25.
- Nessell, Clarence W. (See Cunningham, L. L., and Nessell.)



- Nessell, Clarence W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,125,646; Aug. 2.
- Nessell, Clarence W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,126,914; Aug. 16.
- Nessell, Clarence W., Forest Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Time and remote control system. 2,135,991; Nov. 8.
- Neset, Maurice M. (See Erikson, E. W., and Neset.)
- Nessler, Aldo E. (See Hampton, W. O., and Nessler.)
- Nestle-Lemur Company, The. (See Freudenberg, Gottard, assignor.)
- Nestle-Lemur Company, The. (See Freudenberg, G., and Reimers, assignors.)
- Nestle-Le Mur Company, The. (See Freudenberg, G., Seiter, and Boll, assignors.)
- Nestle-Lemur Company, The. (See Rohland, Curt J., assignor.)
- Netherland, Frank B. (See Rohrbach, Fred L., assignor.)
- Neubauer, Emil T., assignor to York Ice Machinery Corporation, York, Pa. Valve for compressors. 2,139,313; Dec. 6.
- Neubert, Herbert, assignor to J. E. Reinecker Aktiengesellschaft, Chemnitz, Germany. Milling machine. 2,121,923; June 28.
- Neubert, Oscar, Jr., Long Beach, Calif. Compass controlled switch. 2,118,265; May 24.
- Neuberth, George E., Newark, N. J., assignor to Tube Reducing Corporation, Wilmington, Del. Rod coupling. 2,114,127; Apr. 12.
- Neuendorf, Julius C., Detroit, Mich. Metal sash strip. 2,125,394; Aug. 2.
- Neuendorf, Julius C., Detroit, Mich. Sash construction. 2,132,217; Oct. 4.
- Neuerburg, Hans, G. m. b. H. (See Schünemann, Heinrich, assignor.)
- Neufeld, Curt, Fairview, N. J. Brush. 2,121,161; June 21.
- Neufeld, Jacob. (See Scherbatsky, S. A., and Neufeld.)
- Neufeld, Jacob, assignor to Engineering Laboratories, Inc., Tulsa, Okla. Method of and apparatus for determining the dip of the earth's substrata. 2,133,786; Oct. 18.
- Neufeldt & Kuhne G. m. b. H. (See Michelssen, Fritz, assignor.)
- Neugart, Franz, Berlin-Charlottenburg, Germany. Grinding machine. 2,130,021; Sept. 13.
- Neugebauer, Hermann, Berlin-Spandau, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system. 2,130,896; Sept. 20.
- Neugebauer, Wilhelm, U. Ostwald, and K. Sponsel, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Manufacture of carbohydrate compounds. 2,132,181; Oct. 4.
- Neubaus, Ralph, and F. S. Smith, Jr., Houston, and L. L. Payne, Midland, assignors to Hughes Tool Company, Houston, Tex. Flow head. 2,104,808; Jan. 11.
- Neuhauser, Amos. (See Lautzenheiser, George, assignor.)
- Neukirch, Eberhard, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing colored smoke. 2,108,019; Feb. 8.
- Neukirch, Eberhard, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Carbon electrode. 2,109,302; Feb. 22.
- Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Tear strip wrapping machine. 2,130,775; Sept. 20.
- Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Cigar feed for cellophaning and banding machines. 2,138,662; Nov. 29.
- Neuman, Jacob J. (See Lienau, J. H., and Neuman.)
- Neuman, Nathan, Philadelphia, Pa. Sweater. 2,135,727; Nov. 8.
- Neumann, David, Chicago, Ill. Venetian blind. 2,104,907; Jan. 11.
- Neumann, Franz J. G., and W. R. Haubold, assignors to The Salt Dome Oil Corporation, Houston, Tex. Apparatus for making geophysical measurements. 2,110,577; Mar. 8.
- Neumann, Friedrich, Berlin, Germany. Awning. 2,107,676; Feb. 8.
- Neumann, Georg, Berlin, Germany. Device for indicating the amount of material in a tank. 2,116,636; May 10.
- Neumann, Georg, Berlin, Germany. Distance measuring system. 2,118,518; May 24.
- Neumann, George R. (See Sherman, R. M., Carlberg, and Neumann.)
- Neumann, Hans. (See Büchner, A., Neumann, and Reinboth.)
- Neumann, Hans, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Ferromagnetic alloy. 2,112,971; Apr. 5.
- Neumann, Herbert. (See Rosch, A., and Neumann.)
- Neumann, Jan. (See Hejduk, F., and Neumann.)
- Neumann, Ludwig. (See Holzach, K., and Neumann.)
- Neumann, Luigi, Milan, assignor to Società Anonima Brevetti Zarlatti, Rome, Italy. Locomotive with pneumatic transmission by means of a mixture of compressed air and steam. 2,130,310; Sept. 13.
- Neumann, Paul A., Chicago, Ill. Closing device for collapsible tubes. 2,139,171; Dec. 6.
- Neumann, Willy, Siedlung Ladeburg/Bernau, Germany. Centrifugal separating. 2,110,978; Mar. 15.
- Neumeister, Carl L., Oak Park, Ill. Panel mounting assembly. 2,139,641; Dec. 6.
- Neumeister, Carl L., Oak Park, assignor to The Celotex Corporation, Chicago, Ill. Plaster base construction. 2,125,516; Aug. 2.
- Neunherz, Herbert W., Gardner, Mass. Bed couch. 2,129,532; Sept. 6.
- Neunherz, Herbert W., Gardner, Mass. Crib side lock. 2,129,533; Sept. 6.
- Neupert, Bernhard, Briesnitz over Sagan, Germany. Egg carrying device. 2,141,112; Dec. 20.
- Neureiter, Hubert, and H. Berning, Essen-on-the-Ruhr, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Cash register, accounting, and the like machine. 2,115,118; Apr. 26.
- Neveling, Aloys, Sr., Chicago, Ill. Sealing device for pumps. 2,109,679; Mar. 1.
- Neveling, Aloys, Sr., Chicago, Ill. Sealing device for pumps. 2,109,680; Mar. 1.
- Neville Company, The. (See Carmody, William H., assignor.)
- Neville Company, The. (See Rivkin, Joseph, assignor.)
- Neville, J. Vernon. (See Merry, Edward C., assignor.)
- Nevins, Henry E. (See Cook, S., and Nevins.)
- Nevitt, James S., assignor to The Murray Company, Dallas, Tex. Press box locking mechanism. 2,111,638; Mar. 22.
- Nevius, Condict M., Hornell, N. Y. Coffee brewing device. 2,129,587; Sept. 6.
- Nevraumont, Louis J., Modesto, Calif. Rotary cutter. 2,119,683; June 7.
- Newall Engineering Company Limited, The. (See Summers, Kenneth E., assignor.)
- Newark Refrigeration and Appliance Co. (See Bloom, Abraham, assignor.)
- Newark Rivet Works. (See Trimpi, Russell W., assignor.)
- Newberger, Herman H., Chicago, Ill. Machine knitting seamless fashioned skirts. 2,120,035; June 7.
- Newberry, Louis, Los Angeles, Calif. Mechanical self-locking comb. 2,123,117; July 5.
- Newberry, Sidney H., Laurel Springs, N. J. Orchestra or street drum. 2,115,741; May 3.
- Newbery, Stanley, Peterborough, England. Dispensing liquids and apparatus for controlling the operation of a plant. 2,113,490; Apr. 5.
- Newbold, John A. (See Hutchinson, R., and Newbold.)
- Newbold, Park L., Cedar Rapids, Iowa. Milking stool. 2,120,312; June 14.
- New Britain Machine Company, The. (See Montgomery, Donald H., assignor.)
- New Britain Machine Company, The. (See Montgomery, D. H., and Jobert, assignors.)
- Newby, Harry A., et al. (See Grantham, James, assignor.)
- Newby, Howard L., Los Angeles, Calif. Apparatus for testing plate seams. 2,108,176; Feb. 15.
- Newcomb, David, Company. (See Ludwig, John E., assignor.)
- Newcombe, Frank A. (See Richardson, H. K., and Newcombe.)
- Newcomer, Harry S., New York, N. Y. Afocal opposed plane cylindrical anamorphosers. 2,121,567; June 21.
- Newcomer, Harry S., New York, N. Y. Anamorphosing light flux system. 2,121,568; June 21.
- Newell, Arthur T., Hempstead, assignor to The C. E. Shepard Co., Long Island City, N. Y. Loose leaf binder. 2,124,312; July 19.
- Newell, Edwin H., assignor to H. Brinton Co., Philadelphia, Pa. Stop motion for knitting machines. 2,140,087; Dec. 13.
- Newell, George K., Pitcairn, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Compressor unloader. 2,141,069; Dec. 20.
- Newell, George K., Pitcairn, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Diaphragm foot valve. 2,141,070; Dec. 20.
- Newell, Harold D., Beaver Falls, assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Apparatus for elevated temperature service. 2,123,144; July 5.
- Newell, Harold D., Patterson Heights, Pa., and M. Fleischmann, Canton, Ohio, assignors of one-half to The Babcock & Wilcox Tube Company, West Mayfield, Pa., and one-half to The Timken Roller Bearing Company, Canton, Ohio. Hot rolled metal article and making same. 2,118,683; May 24.
- Newell, Heber L., Stratford, Conn., assignor to General Electric Company. Elastic fluid turbine turning mechanism. 2,129,534; Sept. 6.
- Newell, John D., Nashville, Tenn. Lock valve. 2,132,315; Oct. 4.
- Newell, Joseph O., Los Angeles, Calif. Vanity mirror device. 2,106,254; Jan. 25.
- Newell Mfg. Co., The. (See Acker, Aaron C., assignor.)
- Newell, Minton H., Palo Alto, assignor to The Alloys Company, San Francisco, Calif. Process and apparatus for the manufacture of zinc dust. 2,133,560; Oct. 18.
- Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Combination gas cock for thermostats. Re. 20,864; Sept. 20.



- Newell, Robert E., assignor to Robertshaw Thermostat Company, Youngwood, Pa. Temperature control system. 2,121,977; June 28.
- New England Box Company, The. (See Johnson, Edward T., assignor.)
- New England Mica Co. (See Boughton, W. A., and Mansfield, assignors.)
- New England Theatres, Inc. (See Bassin, Charles S., assignor.)
- New Era Manufacturing Company. (See Busk, Anthony S., assignor.)
- New Era Shirt Company. (See Ghiselin, Robert S., assignor.)
- New Era Shirt Company. (See Lyons, Joseph, assignor.)
- Newhall, Benjamin G., Forest Park, Ill., assignor to Mojonnier Bros. Co. Flow diversion valve. 2,118,858; May 31.
- Newhall, Carl A., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lip turning machine. 2,122,486; July 5.
- Newhall, Florence. (See Kunkle, Bert E., assignor.)
- New Haven Clock Company, The. (See Whitehead, Richard H., assignor.)
- Newhouse, Ray C., Wauwatosa, and G. F. De Wein, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dust seal for gyratory crushers. 2,134,885; Nov. 1.
- Newhouse, Walter F., Benton Harbor, Mich. Making wirebound boxes. 2,115,869; May 3.
- New Idea, Inc. (See Synck, Adolph J., assignor.)
- Newill, Edward B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,119,958; June 7.
- Newill, Edward B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,120,674; June 14.
- Newill, Edward B., Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,135,091; Nov. 1.
- Newing, Edward G., Dover, England. Mounting printing surfaces. 2,106,379; Jan. 25.
- New Jersey Machine Corporation. (See von Hofe, George W., assignor.)
- New Jersey Machine Corporation. (See von Hofe, G. W., and Dans, assignors.)
- New Jersey Rubber Company. (See Cowen, R. R., and Silvia, assignors.)
- New Jersey Zinc Company, The. (See Copeland, L. C., and Stone, assignors.)
- New Jersey Zinc Company, The. (See Flynn, Edmund J., assignor.)
- New Jersey Zinc Company, The. (See Gamble, D. L., and Grady, assignors.)
- New Jersey Zinc Company, The. (See Haslam, George S., assignor.)
- New Jersey Zinc Company, The. (See Myhren, Arne J., assignor.)
- New Jersey Zinc Company, The. (See Myhren, A. J., and Hammond, assignors.)
- New Jersey Zinc Company, The. (See Pellett, Jackson S., assignor.)
- New Jersey Zinc Company, The. (See Wilhelm, Ernest J., assignor.)
- Newkirk, William B., Western Springs, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Crystallizing dextrose. 2,129,864; Sept. 13.
- Newkirk, William B., Western Springs, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Soft grained dextrose free from water of crystallization. 2,141,547; Dec. 27.
- Newlin, Frank E., et al. (See Kauffman, Jacob E., assignor.)
- Newlin, Henry J., Birmingham, England. Spraying apparatus. 2,121,924; June 28.
- Newlin, Roy J. (See Dysart, W. L., and Newlin.)
- Newman, Albert H., Chicago, Ill. Display container. 2,105,199; Jan. 11.
- Newman, Alexander I., Chicago, Ill. Variable pressure apparatus. 2,138,527; Nov. 29.
- Newman, Arthur J. (See Whitby, E., Pedler, Selston, Newman, and Lester.)
- Newman, Clara, and A. A. Gordon, Cleveland, Ohio. Dress-fitting appliance. 2,113,603; Apr. 12.
- Newman, David F., Rockville Centre, N. Y., assignor to Trans-Lux Corporation. Projection system. Re. 20,902; Nov. 1.
- Newman, David F., Rockville Centre, N. Y., assignor to Trans-Lux Corporation. Screen structure. 2,107,707; Feb. 8.
- Newman, David F., Rockville Centre, N. Y., assignor to Trans-Lux Corporation. Screen structure; 2,107,708; Feb. 8.
- Newman, David F., Rockville Centre, N. Y., assignor to Trans-Lux Corporation. Apparatus for producing screen structures. 2,119,791; June 7.
- Newman, David F., Freeport, N. Y., assignor to Trans-Lux Corporation. Projection screen and producing it. 2,122,890; July 5.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,123,059; July 5.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerant evaporator. 2,136,240; Nov. 8.
- Newman, Isidor, New York, N. Y. Key holder. 2,138,116; Nov. 29.
- Newman, J. Randolph. (See Auer, Laszlo, assignor.)
- Newman, Jacob E., Pittsburgh, Pa. Spigot knob. 2,130,694; Sept. 20.
- Newman, Louis L., Brooklyn, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Carbon monoxide manufacture. 2,128,262; Aug. 30.
- Newman, Robert E., Los Angeles, Calif., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Forced draft unit for floor furnaces. 2,113,739; Apr. 12.
- Newman, William E., Moorestown, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio antenna apparatus. 2,113,740; Apr. 12.
- Newman, William E., Merchantville, N. J., assignor to Radio Corporation of America. Reduction-gear device. 2,118,859; May 31.
- Newman, William J., Chicago, Ill. Method and apparatus for forming concrete foundation columns. 2,140,111; Dec. 13.
- Newmark, Morris, and E. Moss, New York, N. Y. Lubrication apparatus and the like. 2,136,803; Nov. 15.
- Newnham, Eugene. (See Kochner, W. B., and Newnham.)
- Newpher, Charles F., Shaker Heights, assignor to Republic Steel Corporation, Cleveland, Ohio. Ground connection. 2,111,799; Mar. 22.
- Newport, Charles L., and H. C. Smith, Los Angeles, Calif. Pipe insulation. 2,113,766; Apr. 12.
- Newport, Charles L., and H. C. Smith, Los Angeles, Calif. Sound absorbing wall treatment. 2,113,924; Apr. 12.
- Newport, Charles L., and H. C. Smith, Los Angeles, Calif. Pipe covering. 2,129,865; Sept. 13.
- Newport Industries, Inc. (See Palmer, R. C., and War-muth, assignors.)
- New Process Mining Corp. (See Slaughter, James A., assignor.)
- New Products Corporation. (See Banker, Oscar H., assignor.)
- Newsom, John B., Nevada City, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Core drill. 2,130,192; Sept. 13.
- Newsome, James W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Coating on aluminum. 2,118,053; May 24.
- Newsome, James W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Coatings on aluminum. 2,118,055; May 24.
- Newson, Bud M., and S. Burge, Montgomery, Ala. Bunch and filling builder. 2,113,491; Apr. 5.
- News Projection Corporation. (See Eitzen, August D., assignor.)
- News Projection Corporation. (See Proctor, Barton A., assignor.)
- News Syndicate Co. Inc. (See Friess, Gustave A., assignor.)
- News Syndicate Co. Inc. (See Peters, John, and Crosby, assignors.)
- Newton, Albert E., assignor to Premier Electric Heaters, Limited, Birmingham, England. Imitation fire. 2,131,410; Sept. 27.
- Newton, Alvin B., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. 2,120,764; June 14.
- Newton, Anne W., Chevy Chase, D. C. Luggage carrier. 2,132,316; Oct. 4.
- Newton, Charles E., Brockton, Mass. Perforating machine. 2,125,803; Aug. 2.
- Newton, Dennis L., Fort Madison, Iowa. Gas saver. 2,111,031; Mar. 15.
- Newton, Howard L., Wauwatosa, assignor to Pressed Steel Tank Company, Milwaukee, Wis. Device for securing heads to barrels. 2,121,881; June 28.
- Newton, Howard L., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Dispensing container. 2,123,741; July 12.
- Newton, Howard L., and H. Merker, assignors to Pressed Steel Tank Company, Milwaukee, Wis. Nonrefillable barrel. 2,134,199; Oct. 25.
- Newton, James E., Little Compton, R. I. Receptacle for pipes. 2,139,559; Dec. 6.
- Newton, Ray F., San Francisco, Calif. Articulated railway truck. 2,115,466; Apr. 26.
- Newton, Roger H., near Sheffield, Ala. Mixing. 2,115,742; May 3.
- Newton, Roy C., and W. F. Bollens, assignors to Industrial Patents Corporation, Chicago, Ill. Oil and fat deodorization. 2,124,707; July 26.
- New Type Air Compressor Company. (See Hale, William B., assignor.)
- New Wrinkle, Inc. (See Kittredge, Harvey G., assignor.)
- New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
- New York Central Railroad Company, The. (See Hamilton, W. S. H., and Butt, assignors.)
- New York Central Railroad Company, The. (See Hamilton, W. S. H., and Rowell, assignors.)
- New York Central Railroad Company, The. (See Lentz, W. L., and Kantola, assignors.)
- New York Central Railroad Company, The. (See Thomas, William L., assignor.)
- New York Chasp Corporation. (See Apostoluk, S., and (Prina, assignor.)
- New York Chasp Corporation. (See Prina, Frank R., assignor.)



- New York Engineering Company. (See Lowy, Arthur, assignor.)
- New York Folding Box Co. (See Bronstein, Louis, assignor.)
- New York World's Fair, 1939, Inc. (See Hamel, J. S., and Engelken, assignors.)
- Ney, Eugene J., New York, N. Y. Combination ventilator. 2,123,287; July 12.
- Niagara Alkali Company. (See Casciani, Ferri, assignor.)
- Niagara Duplicator Company. (See Nigra, Ferdinand, assignor.)
- Niagara Machine & Tool Works. (See Orton, Frederic, assignor.)
- Niagara Screens & Machine Limited. (See Mess, J., and Stroud, assignors.)
- Niagara Sprayer and Chemical Co. (See Les Veaux, John F., assignor.)
- Niagara Sprayer and Chemical Co. (See Mewborne, R. G., and Les Veaux, assignors.)
- Nibbs, Ernest, New London, assignor to Electric Boat Company, Groton, Conn. Evaporator. 2,128,469; Aug. 30.
- Nibecker, Paul B., U. S. Navy, and R. R. McDonell, Oakland, Calif. Oil and water separator. 2,104,050; Jan. 4.
- Niblett, Thomas, Carvel Beach, Curtis Bay, Md. Interlocking assembly. 2,115,743; May 3.
- Nice, Milo A., Hazelton, Pa., assignor to Hercules Powder Company, Wilmington, Del. Blasting explosive. 2,120,503; June 14.
- Nichol, William G., Philadelphia, Pa. Fountain pen. 2,130,926; Sept. 20.
- Nicholas, Andrew J., Springfield, Mass., assignor to A. M. Smith, trustee, Detroit, Mich. Fuel feed system for internal combustion engines. 2,138,069; Nov. 29.
- Nicholas, Charles W., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car coupler operating mechanism. 2,139,032; Dec. 6.
- Nicholides, Emmanuel C. (See Pearson, H. A., and Nicholides.)
- Nicholl, Inc. (See Nicholl, Lyle C., assignor.)
- Nicholl, Lyle C., assignor to Nicholl, Inc., Los Angeles, Calif. Hair clipper. 2,105,223; Jan. 11.
- Nicholls, Henry M., Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 2,128,959; Sept. 6.
- Nicholls, William H., Jr., administrator. (See Nicholls, William H.)
- Nicholls, William H., Jr., administrator. (See Nichols, William H., Sr.)
- Nicholls, William H., Sr., deceased, by W. H. Nicholls, Jr., administrator, Roslyn, N. Y., assignor to National Engineering Company, Chicago, Ill. Sand mulling machine. 2,117,977; May 17.
- Nicholls, William H., deceased, Roslyn, N. Y.; W. H. Nicholls, Jr., administrator, assignor, by mesne assignments, to H. S. Simpson, Chicago, Ill. Sand mulling and aerating machine. 2,135,762; Nov. 8.
- Nichols, Arthur A., Waltham, Mass. Rotary mechanism. 2,140,966; Dec. 20.
- Nichols, Arthur S., Forest Park, assignor to The Illinois Clay Products Company, Joliet, Ill. High temperature furnace insulation. 2,139,172; Dec. 6.
- Nichols, Arthur S., Oak Park, and J. L. Essex, La Grange, assignors to The Illinois Clay Products Company, Joliet, Ill. Well drilling fluids. 2,122,236; June 25.
- Nichols, Arthur W., Roseville, Calif. Attachment for air hammers. 2,121,487; June 21.
- Nichols, Beverly R. (See Ring, J. J., Nichols, and Pfau.)
- Nichols, Beverly R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pilot valve. 2,124,274; July 19.
- Nichols, Charles H., assignor of one-half to A. Wickham, West Bromwich, England. Fastener or latch for vehicle roofs. 2,124,117; July 19.
- Nichols, Charles L., Dallas, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,124,892; July 26.
- Nichols, Ellsworth J., Newark, N. J. Multiple form aligning device. 2,140,028; Dec. 13.
- Nichols Engineering & Research Corporation. (See Connolly, George E., assignor.)
- Nichols Engineering & Research Corporation. (See Hartley, Henry J., assignor.)
- Nichols Engineering & Research Corporation. (See Hartley, H. J., and Baird, assignors.)
- Nichols Engineering & Research Corporation. (See Hartley, H. J., and Schroeder, assignors.)
- Nichols Engineering & Research Corporation. (See Schilling, Frederick B., assignor.)
- Nichols, Fay I., Pittsburgh, Pa., assignor to Koppers-Rheolaveur Company. Conveyor discharge apparatus. 2,136,560; Nov. 15.
- Nichols, Floyd F., David City, Nebr. Garden cultivator. 2,119,924; June 7.
- Nichols, Frederick Y., Chicago, Ill. Packing for rotary shafts. 2,133,304; Oct. 18.
- Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Synchronous communication system. 2,104,570; Jan. 4.
- Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,104,571; Jan. 4.
- Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,111,153; Mar. 15.
- Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Printing telegraph system. 2,111,154; Mar. 15.
- Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Keyboard control. 2,135,947; Nov. 8.
- Nichols, Harry J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,131,920; Oct. 4.
- Nichols, Harry J., and H. L. Tholstrup, Dayton, Ohio, assignors to International Business Machines Corporation, New York, N. Y. Synchronous communication system. 2,104,572; Jan. 4.
- Nichols, Harry J., Binghamton, and H. L. Tholstrup, Endwell, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Communication system. 2,129,779; Sept. 13.
- Nichols, Homer E., Bridgeport, Conn., and L. Rabiner, New York, N. Y. Sanitary protector. 2,134,925; Nov. 1.
- Nichols, Horace E., and R. C. Scott, Detroit, Mich. Electrical flashing device. 2,127,005; Aug. 16.
- Nichols, James A., and W. E. Flanagan, Washington, D. C. Autographic guide. 2,133,753; Oct. 18.
- Nichols, James B., Wilmington, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Extended pigments. 2,113,380; Apr. 5.
- Nichols, James B., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company. Extended zinc pigment. 2,113,381; Apr. 5.
- Nichols, James D. (See Nichols, Paul G. and J. D.)
- Nichols, James E., Taunton, Mass. Name plate. 2,119,751; June 7.
- Nichols, Kenneth N., Chicago, Ill. Lathe tool. 2,104,238; Jan. 4.
- Nichols, Louis C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier transformer. 2,127,232; Aug. 16.
- Nichols, Paul G. and J. D., Riverton, Ky. Spike puller. 2,122,212; June 28.
- Nichols, Richard D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Jig. 2,132,754; Oct. 11.
- Nichols, Richard D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material separator. 2,132,755; Oct. 11.
- Nichols, Richard D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Method and apparatus for cleaning sewage grit. 2,132,756; Oct. 11.
- Nichols, Thomas W., London, assignor of one-half to Tilghman's Patent Sand Blast Company, Limited, Broadheath, near Manchester, England. Rotary compressor; exhaustor, pump, and the like. 2,136,117; Nov. 8.
- Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Glass container. 2,141,013; Dec. 20.
- Nicholson, Constantin J., Brooklyn, N. Y. Screen retaining unit. 2,134,454; Oct. 25.
- Nicholson, Frank H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,127,134; Aug. 16.
- Nicholson, Frank T., Braintree, Mass. Stoker. 2,136,594.
- Nicholson, Frederick A., Seattle, Wash. Endless traveling platen fluid pressure press. 2,135,763; Nov. 8.
- Nicholson, George B., Erie, Pa. Fluid dispensing nozzle valve. 2,113,853; Apr. 12.
- Nicholson, George E. (See McGay, J. B., and Nicholson.)
- Nicholson, Henry H., Boulder, Colo. Energy converter. 2,134,729; Nov. 1.
- Nicholson, James H., San Francisco, Calif. Wringer mop. 2,118,618; May 24.
- Nicholson, Madison G., Jr., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic volume control. 2,129,021; Sept. 6.
- Nicholson, Martha C., Hollywood, Calif. Ironing pad and board. 2,133,175; Oct. 11.
- Nicholson, Stanley W., Toledo, Ohio, assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Window regulator mechanism. 2,135,196; Nov. 1.
- Nickel, Elmer R., Milwaukee, Wis. Tube sign. 2,129,780; Sept. 13.
- Nickel, Frederick E., assignor to Solar Aircraft Company, San Diego, Calif. Interference eliminator. 2,141,277; Dec. 27.
- Nickels, William, and C. J. Aulbach, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Device for dispensing lubricating oil. 2,022,534; July 5.
- Nickerson, Alma N., Plymouth, Mass. Machine for spreading and surfacing road material. Re. 20,611; Jan. 4.
- Nickerson, James H., Kansas City, Mo. Aeroplane construction. 2,134,260; Oct. 25.
- Nickerson, Orva O., assignor to Fort Wayne Corrugated Paper Company, Fort Wayne, Ind. Shipping container. 2,122,654; July 5.
- Nickerson, Stacy M., Newton, Mass. Hardened shank stiffener with clincher prongs. 2,129,588; Sept. 6.



- Nickerson, William H., Newton Center, Mass. Cushion shank for shoes. 2,123,954; July 19.
- Nickle, Burr, Butler, Pa. Protective mat for cooking appliances. Re. 20,924; Nov. 22.
- Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Antenna. 2,125,804; Aug. 2.
- Nickliss, Stephen N., Laureldale, Pa. Brake applying device. 2,132,080; Oct. 4.
- Nicks, Joe H., Corpus Christi, Tex. Oil well tool. 2,136,015; Nov. 8.
- Niclassen, Hans, Berlin, Germany, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Tube structure. 2,109,274; Feb. 22.
- Nicodemus, Otto, and W. Schmidt, Frankfort-on-the-Main, Höchst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Aminoalkyl-sulphonic acids and preparing them. 2,109,401; Feb. 22.
- Nicodemus, Otto, Frankfort-on-the-Main-Hochst, and O. Wulff, Königstein in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Aliphatic halogen-nitro-alcohols and preparing them. 2,123,556; July 12.
- Nicodemus, Otto, H., Lange, and O. Horn, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerization products and preparing them. 2,125,685; Aug. 2.
- Nicodemus, Wilmer C. (See Brown, H., and Nicodemus.)
- Nicol, George G., et al. (See Davies, William J., assignor.)
- Nicol, Herbert E., assignor to Kerner Incinerator Co., Milwaukee, Wis. Incinerator. 2,125,517; Aug. 2.
- Nicol, William H., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rayon treatment. 2,129,623; Sept. 6.
- Nicolai, Fritz. (See Reppe, W., and Nicolai.)
- Nicolas, Marcel A., assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Filled bag setting and shaping method and apparatus. 2,119,174; May 31.
- Nicolas, Paul, Paris, France, assignor to Societe Francaise Radio Electrique. Signaling system for railway and like installations. 2,110,166; Mar. 8.
- Nicolaus, Frank G., assignor to R. T. Moloney, Chicago, Ill. Timing mechanism. 2,138,243; Nov. 29.
- Nicolet, Constant E., Milwaukee, Wis. Skate sharpener. 2,118,617; May 24.
- Nicolet, Nell V., Easton, Md. Auxiliary protector collar. 2,116,685; May 10.
- Nicoll, Frederick H. (See Keyston, J. E., Nicoll, and Klemperer.)
- Nicoll, Frederick H., Hounslow West, assignor to Electric & Musical Industries Limited, Hayes, England. Modulating means for cathode ray tubes. 2,112,378; Mar. 29.
- Nicoll, William D., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative manufacture. 2,114,605; Apr. 19.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Television scanning system. 2,108,827; Feb. 22.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Variable speed television. 2,109,339; Feb. 22.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Television time system. 2,114,500; Apr. 19.
- Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Piezoelectric oscillating and stress-measuring means. 2,137,852; Nov. 22.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Line television. 2,122,750; July 5.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Television communicator. 2,125,006; July 26.
- Niconoff, Dimitry. (See Sullivan, J. D., and Niconoff.)
- Nicosla, David A., Chicago, Ill. Fuel preheater. 2,112,973; Apr. 5.
- Nieddeutsch Kabelwerke A. G. (See Cords, Otto, assignor.)
- Niederdrank, Paul, Velbert, Germany. Door lock. 2,119,175; May 31.
- Niederl, Joseph B., New York, N. Y. Heterocyclic phenols. 2,112,445; Mar. 29.
- Niederl, Joseph B., New York, N. Y. Preparing phenolic condensation products. 2,122,581; July 5.
- Niederl, Joseph B. and V., New York, N. Y. Polycyclic phenolic condensation products. 2,109,015; Feb. 22.
- Niederl, Joseph B., and R. A. Smith, New York, N. Y., assignors to Röhm & Haas Company, Philadelphia, Pa. Oxidation products of octyl cyclohexanol. 2,121,472; June 21.
- Niederl, Victor. (See Niederl, Joseph B. and V.)
- Niederrheinische Maschinenfabrik Becker & Van Hüllen. (See Herr, Franz, assignor.)
- Niederst, George H., assignor, by mesne assignments, to International Register Company, Chicago, Ill. Coin controlled metering device. 2,131,597; Sept. 27.
- Niedhammer, Robert N., Fort Wayne, Ind. Juice catcher for food grinders. 2,130,397; Sept. 20.
- Nieding, Arthur D., Vermilion, Ohio. Edible container. 2,120,710; June 14.
- Niedringhaus, Inc. (See Woehler, Henry G., assignor.)
- Niedringhaus, Inc. (See Woehler, Henry G. and W. J., assignors.)
- Niekamp, Richard A., assignor to The Master Electric Company, Dayton, Ohio. Apparatus for compacting concrete and the like. 2,116,708; May 10.
- Nielsen, Adolph E., assignor of one-sixth to J. W. Ricketts, one-sixth to D. A. Davini, and one-third to R. F. Dickey, Alameda, Calif. Threadless interlocking rotary drill pipe coupling. 2,121,710; June 21.
- Nielsen, Arthur M., Buffalo, N. Y. Directional signal. 2,136,310; Nov. 8.
- Nielsen, Emanuel, Racine, Wis., assignor to Scovill Manufacturing Company, Waterbury, Conn. Food mixer. 2,104,268; Jan. 4.
- Nielsen, Emanuel, Racine, Wis., assignor to Scovill Manufacturing Company, Waterbury, Conn. Motor speed controller. 2,109,732; Mar. 1.
- Nielsen, Emanuel, and V. A. Partz, Racine, Wis., assignors to Scovill Manufacturing Company, Waterbury, Conn. Electric motor. 2,106,058; Jan. 18.
- Nielsen, Frédéric, Mulhouse-Brunstatt, France. Reflector, in particular for vehicles. 2,106,533; Jan. 25.
- Nielsen, John F., Corona, Long Island, assignor to United Research Corporation, Long Island City, N. Y. Change-over for sound picture apparatus. 2,106,957; Feb. 1.
- Nielsen, Karl K., assignor to Alcor Manufacturing Company, Chicago, Ill. Switch. 2,113,218; Apr. 5.
- Nielsen, Nicholas, Oakland, Calif. Vehicle pulsator. 2,141,660; Dec. 27.
- Nielsen, Otto, Ilsenburg at the Harz, Germany. Purifying fused metals. 2,111,032; Mar. 15.
- Nielson, Martin, Hartell, Alberta, Canada. Plug valve. 2,114,933; Apr. 19.
- Nielsen, Sverre F., San Diego, and F. Bostad, Los Angeles, Calif. Building construction. 2,139,907; Dec. 13.
- Niemann, Carl. (See Bischoff, K., Niemann, and Wünsch.)
- Nieman, Ernest H., Pasadena Hills, assignor to Carter Carburetor Corporation, St. Louis, Mo. Calibrating springs. 2,113,550; Apr. 5.
- Nieman, Marvin B., St. Louis, Mo. Wier terminal lug. 2,109,073; Feb. 22.
- Niemann, August H., Milwaukee, Wis. Trailer suspension. 2,127,069; Aug. 16.
- Niemann, Carl, Erlangen, assignor to firm Siemens-Reiniger-Werke Aktiengesellschaft, Berlin, Germany. Secondary X-ray diaphragm and manufacturing the same. 2,116,637; May 10.
- Niemann, Carl, and K. Bischoff, Erlangen, assignors to the firm Siemens-Reiniger-Werke Aktiengesellschaft, Berlin, Germany. Röntgen apparatus. 2,123,793; July 12.
- Niemann, Carl G. (See Link, K. P., Niemann, and Roberts.)
- Niemann, Frederick A., Chicago, Ill., assignor to Felt & Tarrant Mfg. Co. Calculating machine. 2,104,051; Jan. 4.
- Niemann, Frederick A., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill. Supporting member. 2,127,980; Aug. 23.
- Niemann, Frederick A., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill. Supporting member. 2,127,981; Aug. 23.
- Niemann, Frederick A., Chicago, and J. A. V. Turck, Wilmette, assignors to Felt & Tarrant Mfg. Co., Chicago, Ill. Calculating machine. 2,130,364; Sept. 20.
- Niemann, Gustav, Brunswick, Germany. Engageable power transmitting device. 2,125,617; Aug. 2.
- Niemann, Raymond E., assignor to James H. Rhodes & Company, Chicago, Ill. Pad for pressing machines and producing same. 2,139,033; Dec. 6.
- Niemchek, Louis, Milwaukee, Wis., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Finned structure and method of making same. 2,117,445; May 17.
- Niemeyer, Henry L., Elizabeth, N. J. Insect trap. 2,113,409; Apr. 5.
- Niemi, Matti, Seattle, Wash. Speed-recording mechanism. 2,133,632; Oct. 18.
- Nier, Bruno, Beierfeld, Germany. Hurricane lantern. 2,105,292; Jan. 11.
- Nier, Bruno, Beierfeld, Germany. Storm lantern. 2,105,432; Jan. 11.
- Nier, Bruno, Beierfeld in Sachsen, Germany. Storm lantern burner. 2,120,907; June 14.
- Nier, Bruno, Beierfeld, Germany. Burner for hurricane lanterns. 2,123,794; July 12.
- Niesemann, Fritz. (See MacLean, A. D., and Niesemann.)
- Niesemann, Fritz, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid pressure regulator. 2,137,025; Nov. 15.
- Niehauer, Edward, Bay City, Mich. Humidifying device for internal combustion engines. 2,112,972; Apr. 5.
- Nieuwland, Julius A., and E. J. Sowa, Notre Dame, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. New catalysts. 2,109,340; Feb. 22.
- Nieuwland, Julius A., G. F. Hemmon, and D. B. Killian, Notre Dame, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Addition products of acetylene and alcohol and producing them. 2,140,713; Dec. 20.
- Nifong Sealing Machine Company. (See Nifong, Thomas H., assignor.)



- Nifong, Thomas H., assignor of one-half to G. Agee, Winston-Salem, N. C. Method of and apparatus for applying a flexible sheet to a receptacle. 2,120,504; June 14.
- Nifong, Thomas H., assignor to Nifong Sealing Machine Company, Winston-Salem, N. C. Apparatus for applying strips to receptacles. 2,120,505; June 14.
- Nightingale, Edward. (See Hunter, P. E., and Nightingale.)
- Nightingale, William J., assignor to C. W. Bonbright, as trustee, Flint, Mich. Automobile decking device. 2,137,980; Nov. 22.
- Nightingale, William J., Flint Mich., assignor to C. W. Bonbright, trustee. Automobile loading device. 2,137,981; Nov. 22.
- Nigra Duplicator Company. (See Nigra, Ferdinand, assignor.)
- Nigra, Ferdinand, assignor to Nigra Duplicator Company, San Francisco, Calif. Variable speed belt drive. 2,106,930; Feb. 1.
- Nigra, Ferdinand, assignor to Niagara Duplicator Company, San Francisco, Calif. Slip sheeting device. 2,139,132; Dec. 6.
- Nigro, Arthur C. (See Bergevin, C. R., and Nigro.)
- Nigro, Arthur C. (See Halvorsen, E. W., and Nigro.)
- Nihon Magnesium Kabushiki Kaisha. (See Kubo, Kaname, assignor.)
- Nikas, Theodore, et al. (See Bear, Albert B., assignor.)
- Nikonow, John P., et al. (See Nagorny, Boris A., assignor.)
- Niks, Nicholas J., Munising, Mich. Paper making machine. 2,127,698; Aug. 23.
- Niles-Bement-Pond Company. (See Drake, A. M., and Crowley, assignors.)
- Niles-Bement-Pond Company. (See Hebor, John J., assignor.)
- Niles-Bement-Pond Company. (See Rusnak, J. M., and Hochmuth, assignors.)
- Niles-Bement-Pond Company. (See Shaw, John C., assignor.)
- Niles-Bement-Pond Company. (See Shaw, Robert D., assignor.)
- Niles-Bement-Pond Company. (See Terry, Spencer B., assignor.)
- Niles-Bement-Pond Company. (See Terry, S. B., and Fox, assignors.)
- Niles-Bement-Pond Company. (See Whitehead, Alexander G., assignor.)
- Niles, John D., Elk City, Idaho. Amalgamator. 2,127,418; Aug. 16.
- Niles Metalcraft Company. (See Rogers, Kenneth S., assignor.)
- Niles, Raymond W., Ann Arbor, Mich. Tie rod end. 2,122,655; July 5.
- Nilsen, Helge, St. Paul, Minn. Clothesline reel. 2,135,831; Nov. 8.
- Nilson, Harold, assignor of one-third to J. A. Edeby, Wayzata, and one-third to E. Berglund, Minneapolis, Minn. Pressure pump. 2,106,620; Jan. 25.
- Nilson, Harold, assignor of one-third to J. A. Edeby, Wayzata, and one-third to E. Berglund, Minneapolis, Minn. Fluid operated power device. 2,131,815; Oct. 4.
- Nilson, John L. (See Willison, W. O., and Nilson.)
- Nilson, John L., Chicago, Ill. Shaving implement. 2,105,775; Jan. 18.
- Nilson, Olof G., Chicago, Ill. Combined cap and spout for liquid dispensing containers. 2,118,222; May 24.
- Nilsson, Robert W. (See Miller, G. F., and Nilsson.)
- Nilsson, Robert W., assignor to The Mather Spring Company, Toledo, Ohio. Vehicle spring suspension. 2,109,074; Feb. 22.
- Nimmer, W. J. (See Johnson, Jack, assignor.)
- Nineteen Hundred Corporation. (See Upton, Louis C., assignor.)
- Nippert, Paul W., Columbus, Ohio. Generator testing machine. 2,126,342; Aug. 9.
- Nippold, Max, Berlin-Halensee, Germany, assignor to General Electric Company, Inc., Brooklyn, N. Y. Dynamoelectric machine. 2,107,872; Feb. 8.
- Nisenon, Julius, Brooklyn, N. Y. Venetian blind head bar bracket. 2,119,241; May 31.
- Nisenon, Julius, Brooklyn, N. Y. Adjustable cord lock. 2,129,606; Sept. 6.
- Nisenon, Julius, Brooklyn, assignor to Master Venetian Blind Hardware Corporation, New York, N. Y. Venetian blind. 2,120,292; June 14.
- Nishimura, Jin, assignor to Jidosha Koki Kabushiki Kaisha, Tokyo, Japan. Apparatus to open or shut the doors of automobiles. 2,116,448; May 3.
- Nishina, Tamotsu. (See Honda, K., and Nishina.)
- Nishio, Torazo, Jamaica, N. Y. Making a tooth brush. 2,130,244; Sept. 13.
- Nissen, Emil C., San Francisco, Calif. Basket printing machine. 2,124,792; July 26.
- Nissen, Hans P., Dessau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for projecting picture or sound films. 2,105,698; Jan. 18.
- Nissenbaum, Moses D., Brooklyn, assignor to Abraham Rosenberg, New York, N. Y. Multiuse tool. 2,111,871; Mar. 22.
- Nissenfeld, Abraham. (See Sambur, W., and Nissenfeld.)
- Nissley, Jacob H., et al., trustees. (See Fisher, John F., assignor.)
- Nissley, Jacob H., et al., trustees. (See Peltz, Gordon M., assignor.)
- Nissley (Jacob H., et al., trustees. (See Schweickart, William M., assignor.)
- Nissly, Walter S., Florin, Pa. Road marking machine. 2,116,407; May 3.
- Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Protection of vitaminous oils. 2,115,040; Apr. 26.
- Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Treatment and packaging of ether. 2,138,039; Nov. 29.
- Niterday Signal Co. (See Bergen, W. V., and Shuta, assignors.)
- Nitroglycerin Aktiebolaget. (See Ohman, Per V., assignor.)
- Nitrokemia Ipartelepke Részvénytársaság. (See Helle, J., and Kunz, assignors.)
- Nitsche, Walter A., South Omaha, Nebr. Convertible vehicle body. 2,129,438; Sept. 6.
- Nitz, Else, and J. Hagemann, geb. Jungmann, Berlin, Germany. Clamping means for folders. 2,135,013; Nov. 1.
- Nivling, Walter A., Newton Center, Mass. Making neutral sized paper. 2,138,325; Nov. 29.
- Nixon, Anson B., administrator. (See Fisher Lloyd H.)
- Nixon, Irvin E., assignor to M. O. Scobee and himself, Houston, Tex. Foot switch. 2,119,888; June 7.
- Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Flowing of wells. 2,132,081; Oct. 4.
- Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Measuring device. 2,136,457; Nov. 15.
- Nixon, Jeddy D., Houston, Tex., assignor, by mesne assignments, of 50 per cent to Wilson Supply Company. Polish rod. 2,137,853; Nov. 22.
- Nixon, Jeddy D., and C. H. Lee, Houston, Tex. Stuffing box. 2,132,182; Oct. 4.
- Nixon, Joe, Oklahoma City, Okla. Pipe cutter. 2,136,518; Nov. 15.
- Nixon, Stuart, assignor to Sealed Power Corporation, Muskegon, Mich. Spring expander for piston rings. 2,112,425; Mar. 29.
- Noack, Erich, Odenthal, and F. Schubert, Leverkusen-Wiesdorf, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Heating of boron compounds. 2,140,029; Dec. 13.
- Noack, Franz, Berlin, Germany. Color film. 2,118,519; May 24.
- Noack, Hans W. L., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure brake system. 2,115,558; Apr. 26.
- Noack, Walter G., Baden, Switzerland, and P. M. Schattschneider, Seckenheim, Germany, assignors to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Heat exchange plant. Re. 20,796; July 12.
- Nobis, Harry M., East Cleveland, Ohio. Heating appliance. 2,130,927; Sept. 20.
- Noble, F. H., & Co. (See Aanerud, Louis, assignor.)
- Noble, Gerard D. (See Miller, G. A., Jr., and W., and Noble and Wills.)
- Noble, Glenn S. (See Moody, Kenneth M., assignor.)
- Noble, Harrell V. (See Mourmontseff, I. E., and Noble.)
- Noble, Percy W., Unadilla, N. Y. Device for conditioning the intake air to carburetors. 2,105,433; Jan. 11.
- Noble, Roy L., Sac City, Iowa. Draft equalizer. 2,131,667; Sept. 27.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping device. 2,105,093; Jan. 11.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Lubricator. 2,105,490; Jan. 18.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Cutter chain. 2,121,043; June 21.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Cutter chain. 2,121,044; June 21.
- Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Lubricator. 2,123,197; July 12.
- Noble, Warren, Michigan City, Ind., assignor, by mesne assignments, to Cardox Corporation. Anchoring means. 2,129,439; Sept. 6.
- Noble, William H. (See Edwards, J. E., and Noble.)
- Noble & Wood Machine Co., The. (See Coghill, James T., assignor.)
- Noblitt, Quintin G., and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Muffler. 2,109,220; Feb. 22.
- Noblitt, Quintin G., and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Muffler. 2,111,537; Mar. 15.



- Noblitt-Sparks Industries, Inc. (See Ludlow, Edmund, assignor.)
- Noblitt-Sparks Industries, Inc. (See Noblitt, Q. G., and Ludlow, assignors.)
- Noblitt-Sparks Industries, Inc. (See Redmond, Albert G., assignor.)
- Nock, Eldridge E., Jr. (See Mayo, W., and Nock.)
- Nock, Joseph A., Jr., Tarentum, assignor to Aluminum Company of America, Pittsburgh, Pa. Duplex metal article. 2,122,535; July 5.
- Nock, Joseph A., Jr., Tarentum, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,131,520; Sept. 27.
- Nock, Joseph A., Jr., Tarentum, and F. Keller, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Stabilizing treatment. 2,137,624; Nov. 22.
- Nock, Harry, Toronto, Ontario, Canada, assignor to Elevator Supplies Company, Incorporated, Hoboken, N. J. Track for overhead door hangers. 2,131,784; Oct. 4.
- Noddin, George A. (See Burrows, L. A., and Noddin.)
- Noddin, George A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric initiator. 2,112,974; Apr. 5.
- Noddin, George A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Initiator. 2,125,356; Aug. 2.
- Nodine, Frank E., Meadville, Pa., assignor to Joy Manufacturing Company. Colored fastener elements and making them. 2,106,012; Jan. 18.
- Nodine, Frederick A., Terryville, assignor to The Cooper Oven Thermometer Company, Pequabuck, Conn. Temperature indicating means for culinary vessel closure. 2,137,094; Nov. 15.
- Nodland, Henry, Starbuck, Minn. Ice pushmobile. 2,105,360; Jan. 11.
- Noel, Alfred J., Stratford, assignor to The Bodine Corporation, Bridgeport, Conn. Machine tool spindle. 2,104,435; Jan. 4.
- Noel, Elizabeth J., administratrix. (See Noel, Joseph M.)
- Noel, Harold A. (See Noel, Joseph M., assignor.)
- Noel, James F., Rawlins, Wyo. Placer mining machine. 2,122,822; July 5.
- Noel, James W., executor. (See Green, Thomas L.)
- Noel, Joseph M., deceased; E. J. Noel, administratrix, assignor to H. A. Noel, Cresson, Pa. Mower. 2,114,096; Apr. 12.
- Noelting, William H., assignor to Faultless Caster Corporation, Evansville, Ind. Drive-on socket for casters or the like. 2,130,245; Sept. 13.
- Noerr, Hermann. (See Fellmer, E., Mauthe, and Noerr.)
- Noerr, Hermann. (See Mauthe, G., and Noerr.)
- Noeth, John J., and F. E. Hummel, Chicago, Ill. Time controlled mechanism. 2,127,749; Aug. 23.
- Noffsinger, Fred P. and R. W., Greeley, Colo. Conveyer chain. 2,126,274; Aug. 9.
- Noffsinger, Henry L., Defiance, Ohio. Sun goggles. 2,114,658; Apr. 19.
- Noffsinger, Robert W. (See Noffsinger, Fred P. and R. W.)
- Noftz, Henry, Berkeley, Calif. Tooth brush holder. 2,121,488; June 21.
- Nogar, Clayton A. (See Williams, C., and Nogar.)
- Nogler, Raymond S., Pasadena, Calif. Knitting machine. 2,110,915; Mar. 15.
- Nohe, Irving A., Chicago, Ill., assignor to Soy Bean Products Co. Soy bean nuts. 2,135,593; Nov. 8.
- Nohe, Irving A., Oak Park, and R. H. Moulton, Western Springs, assignors to Soy Bean Products Co., Chicago, Ill. Soy bean nuts. 2,135,594; Nov. 8.
- No-Kap Closures (U. S. A.), Inc. (See Church, Albert H., assignor.)
- No-Kap Closures (U. S. A.), Inc. (See Church, Elton C., assignor.)
- No-Kap Closures (U. S. A.), Inc. (See Rest, James, assignor.)
- No-Kap Closures (U. S. A.), Inc. (See Rolle, Karl J., assignor.)
- Nolan, John R., Larchmont, N. Y., assignor to The Diamond Match Company, Wilmington, Del. Cover feeding and folding mechanism for booking machines. 2,108,318; Feb. 15.
- Nolan, John R., Larchmont, N. Y., assignor to The Diamond Match Company, Wilmington, Del. Machine for booking matches. 2,123,252; July 12.
- Nolan, William E., Kermit, Tex. Drilling and sealing oil wells. 2,110,236; Mar. 8.
- Nolde & Horst Company, The. (See McAdams, Harry, assignor.)
- Nolde and Horst Company, The. (See Mohr, Edward A., assignor.)
- Noll, August, Mannheim, assignor of one-half to Zellstoff-fabrik Waldhof, Mannheim-Waldhof, Germany. Manufacture of nitro-celluloses. 2,123,611; July 12.
- Noll, Austin R., assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,104,545; Jan. 4.
- Noll, Austin R., assignor to International Business Machines Corporation, New York, N. Y. Coding and decoding machine. 2,116,731; May 10.
- Noll, Austin R., assignor to International Business Machines Corporation, New York, N. Y. Coding and decoding machine. 2,116,732; May 10.
- Noll, Austin R., assignor to International Business Machines Corporation, New York, N. Y. Coding and decoding machine. 2,116,733; May 10.
- Noll, Austin R., assignor to International Business Machines Corporation, New York, N. Y. System of operation of translating mechanisms. 2,123,253; July 12.
- Noll, Clarence I. (See Whitmore, F. C., Homeyer, and Noll.)
- Noll, Harry R., assignor of one-half to J. W. Coyle, Philadelphia, Pa. Dispenser. 2,103,020; Feb. 8.
- Nollau, Edgar H. (See Hall, C. B., McBurney, and Nollau.)
- Nollau, Edgar H., Wilmington, Del., and D. A. Rankin, White Plains, N. Y., assignors to E. I. du Pont de Nemours & Co., Wilmington, Del. Coated fabric. 2,118,101; May 24.
- Noller, Friedrich C., Collingswood, assignor to Radio Condenser Company, Camden, N. J. Speed reducing drive. 2,108,608; Feb. 15.
- Nolte, Henry J., Schenectady, N. Y., assignor to General Electric Company. Metal vacuum tube. 2,124,428; July 19.
- Nolte, Ludwig, Nuremberg, Germany, assignor to General Electric Company. Teapot. 2,135,313; Nov. 1.
- Nomar, Louis N., Charleston, W. Va. Combined magazine and extension stock for automatic pistols. 2,114,311; Apr. 19.
- Nomar, Louis N., Charleston, W. Va. Convertible article of furniture. 2,131,411; Sept. 27.
- No-Mercury Felt Corporation. (See Sartakoff, Jack D., assignor.)
- Nomiya, Frank K., Berkeley, Calif. Storage battery water supply fountain. 2,140,432; Dec. 13.
- No-Nail Cases Proprietary Limited. (See Kamper, Andrew M., assignor.)
- No-Nail Cases Proprietary Limited. (See Kruse, Hermann H. J., assignor.)
- Nonaka, Sueto, Naoiri-gun, Japan. Parachute. 2,116,037; May 3.
- Nonemaker, Harold A. (See Loewy, R. G. F., and Nonemaker.)
- Nonhebel, Gordon, and J. L. Pearson, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Wet purification of gases. 2,113,198; Apr. 5.
- Nooney, John R., assignor to Economy Oil Filter Company, Kansas City, Mo. Filter. 2,130,287; Sept. 13.
- Norberg, Oscar E. (See Darbyshire, L. H., Norberg, and Morley.)
- Norbom, Ragnar A. (See Fitch, B. F., and Norbom.)
- Norbom, Ragnar A., Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y. Apparatus for transferring demountable bodies. 2,126,800; Aug. 16.
- Norbom, Ragnar A., Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y. Apparatus for transferring demountable bodies. 2,126,801; Aug. 16.
- Norbom, Ragnar A., Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y. Freight container. 2,135,526; Nov. 8.
- Norbom, Torleif, assignor to S. Morgan Smith Company, York, Pa. Vacuum breaker for hydraulic machines. 2,125,946; Aug. 9.
- Norburn, Charles S., Asheville, N. C. Pneumatic organ. 2,131,637; Sept. 27.
- Norburn, Charles S., Asheville, and G. M. Quave, West Asheville, N. C. Pipe organ. 2,105,793; Jan. 18.
- Norcross, Austin S., Newton, Mass. Visor and light screen for vehicles. 2,134,414; Oct. 25.
- Norcross, Austin S., Newton, Mass. Apparatus for imparting shunt speed characteristics to polyphase commutator motors. 2,135,260; Nov. 1.
- Nord, Gustav J., Asheville, N. C. Process of and apparatus for isolating and treating the fibers of lechuguilla plant and related species. 2,121,210; June 21.
- Nordberg, Bruno V. E., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Compressor. 2,134,834; Nov. 1.
- Nordberg, Bruno V. E., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Compressor unloader. 2,134,835; Nov. 1.
- Nordberg Manufacturing Company. (See Ehrat, Jean J., assignor.)
- Nordberg Manufacturing Co. (See Gruender, Oscar C., assignor.)
- Nordberg Manufacturing Company. (See Nordberg, Bruno V. E., assignor.)
- Nordberg Manufacturing Company. (See Ramstad, George E., assignor.)
- Nordberg Manufacturing Company. (See Symons, Edgar B., assignor.)
- Nordberg Manufacturing Company. (See Symons, Loren G., assignor.)
- Nordberg Manufacturing Company. (See Turnwald, Wolfgang, assignor.)
- Nordberg, Martin E. (See Hood, H. P., and Nordberg.)
- Nordberg, Martin E., assignor to Corning Glass Works, Corning, N. Y. Purifying aluminous materials. 2,141,444; Dec. 27.
- Norddeutsche Kahlwerke Aktiengesellschaft. (See Wanske, Kurt, assignor.)
- Norddeutsche Seekabelwerke A. G. (See Horn, Heinz, assignor.)
- Norddeutsche Seekabelwerke Aktiengesellschaft. (See Stadt, Ernst, assignor.)
- Norddeutsche Seekabelwerke Aktiengesellschaft. (See Stadt, E., and Traugott, assignors.)
- Nordell, Carl H., assignor to Chicago Pump Company, Chicago, Ill. Combined straining and comminuting apparatus. 2,106,851; Feb. 1.



- Nordell, Carl H., assignor to Advance Engineering Company, Chicago, Ill. Sewage treatment. 2,118,266; May 24.
- Nordengren, Sven G., assignor to Aktiebolaget Kemiska Patentet, Landskrona, Sweden. Manufacture of superphosphate. 2,106,223; Jan. 25.
- Nordenstam, Carl M., Bertrand, Nebr. Fishtrap. 2,119,828; June 7.
- Nordgran, James C., Salt Lake City, Utah. Automobile or highway signal. 2,134,313; Oct. 25.
- Nordlander, Birger W., and M. C. Agens, Schenectady, N. Y., assignors to General Electric Company. Resinous compositions and preparing same. 2,133,870; Oct. 18.
- Nordling, Ledvin F., Oslo, Minn. Conduit casing cutting tool. 2,139,093; Dec. 6.
- Nordmark, Henry P. (See Baker, D. R., and Nordmark.)
- Nordsiek, Frederic W., assignor, by mesne assignments, to The Sanoderm Company, Inc., New York, N. Y. Milk product and manufacturing the same. 2,119,599; June 7.
- Nordsiek, Frederic W., assignor, by mesne assignments, to The Sanoderm Company, Inc., New York, N. Y. Manufacturing culture. 2,121,442; June 21.
- Nordström, Bengt G. O., assignor to Aktiebolaget Kanthal, Hallstahammar, Sweden. Electrically heated shaft furnace. 2,139,201; Dec. 6.
- Nordstrom, Gustaf E., assignor to American Fibre Corporation, Gardner, Mass. Reed loom. 2,118,223; May 24.
- Nordstrom, Gustaf E., and E. J. Holden, assignors to American Fibre Corporation, Gardner, Mass. Machine for making fiber reed. 2,124,926; July 26.
- Nordstrom, John M., Jr., New York, N. Y., and J. N. Kirch, Chicago, Ill. End supporting bracket for a Venetian blind head bracket. 2,138,502; Nov. 29.
- Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 2,114,934; Apr. 19.
- Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Manufacturing valves. 2,117,351; May 17.
- Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Meter cock. 2,122,721; July 5.
- Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Plug valve. 2,122,914; July 5.
- Norfolk Mattress Company. (See Mayo, W., and Nock, assignors.)
- Norguet, René M. E. O., Paris, France. Boiler furnace. 2,110,422; Mar. 8.
- Norling, John A., New York, N. Y. Anaglyph stereoscopy. 2,135,197; Nov. 1.
- Norma-Hoffmann Bearings Corporation. (See Batesole, Dwight E., assignor.)
- Norma-Hoffmann Bearings Corporation. (See Hilton, John L., assignor.)
- Norma-Hoffmann Bearings Corporation. (See Smith, Charles H., assignor.)
- Norma-Hoffmann Bearings Corporation. (See Van Pelt, Arthur A., assignor.)
- Norman, Arthur C. (See Moore, L. C., and Norman.)
- Norman, John, Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Indicating pointer for use in electrical measuring instruments. 2,111,001; Mar. 15.
- Norman, Simon, Providence, assignor to Industrial Dye-stuff Company, East Providence, R. I. Manufacturing sulphur colors. 2,136,016; Nov. 8.
- Norman, Simon, Providence, assignor to Industrial Dye-stuff Company, East Providence, R. I. Manufacturing sulphur colors. 2,136,017; Nov. 8.
- Norman, Smithia S., executrix. (See Moore, L. C., and Norman.)
- Normandin, William O., Los Angeles, Calif. Ventilation-control means for motor vehicles. 2,135,215; Nov. 1.
- Normann, Wilhelm, and G. von Schuckmann, assignors to H. Th. Bohme Aktiengesellschaft, Chemnitz, Germany. Hydrogenation of higher fatty acids. 2,127,367; Aug. 16.
- Norquist, Lester E., Denver, Colo. Steering and control means for water craft. 2,114,112; Apr. 12.
- Norquist, Lester E., Denver, Colo. Propulsion means for watercraft. 2,117,495; May 17.
- Norquist, Victor C., assignor to Butler Manufacturing Company, Kansas City, Mo. Coal stoker. 2,110,111; Mar. 1.
- Norris, Alfred E., Westfield, assignor to The Regina Corporation, Rahway, N. J. Vacuum cleaner muffler. 2,125,850; Aug. 2.
- Norris, Amos, assignor of one-half to D. Russell, Overton, Tex. Clamp. 2,136,861; Nov. 15.
- Norris, Charles C., Riverside, Calif. Combination closet tank cover and ventilator. 2,105,794; Jan. 18.
- Norris, Ethel E. (See Norris, Nelson H., assignor.)
- Norris, George L. (See Strauss, J., and Norris.)
- Norris, George L., Scarsdale, assignor to Vanadium Corporation of America, Bridgeville, Pa. Alloys for addition to iron and steel. 2,139,515; Dec. 6.
- Norris, George L., Scarsdale, assignor to Vanadium Corporation of America, Bridgeville, Pa. Alloys for addition to iron and steel. 2,139,516; Dec. 6.
- Norris, Nelson H., assignor to E. E. Norris, Bath, N. Y. Combination endless conveyer belt and grader screen. 2,139,380; Dec. 6.
- Norris, Ralph F., Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill. Acoustical treatment of walls. 2,111,326; Mar. 15.
- Norris, Ralph F., Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill. Filter. 2,122,582; July 5.
- Norris, Rolla V., and O. G. Avery, Porterville, Calif. Fish net. 2,124,952; July 26.
- Norrman, Ernst, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,120,371; June 14.
- Norsk Sprængstofindustri A/S. (See Bille, Henrich, assignor.)
- North Bros. M'fg Co. (See Fegley, T. J., and Leopold, assignors.)
- North, Charles W. (See Moncrieff, R. W., and North.)
- North, Clayton O., assignor, by mesne assignments, to M. R. North, Charleston, W. Va. Ether acid esters of higher alcohols. 2,109,947; Mar. 1.
- North, Edwin. (See Lindstrom, G. D. and North.)
- North, Edwin. (See Wade, W., and North.)
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Lock. 2,136,654; Nov. 15.
- North Electric Mfg. Company, The. (See Boswau, Hans P., assignor.)
- North, Margaret R. (See North, Clayton O., assignor.)
- North, Mortimer S., Evanston, Ill. Apparatus for coating surfaces. 2,109,647; Mar. 1.
- North, Oliver D. (See Scammell, A. G., and North.)
- North American Aviation Corporation. (See Kindelberger, James H., assignor.)
- North American Car Corporation. (See Dempsey, Arthur E., Jr., assignor.)
- North American Fibre Products Company, The. (See Tremmel, Henry G., assignor.)
- North American Holding Corporation et al. (See Avery, Alfred H., assignor.)
- North American Holding Corporation. (See Donovan, James J., assignor.)
- North American Holding Corporation. (See Johnston, James W., assignor.)
- North American Holding Corporation. (See Lupien, Henry B., assignor.)
- North American Holding Corporation et al. (See Sackett, Ernest D., assignor.)
- North American Holding Corporation et al. (See Thoma, Andrew, assignor.)
- North American Manufacturing Company, The. (See Brown, George R., assignor.)
- North American Manufacturing Company, The. (See Lutherer, Otto, assignor.)
- North American Rayon Corporation. (See Baumert, K., and Bley, assignors.)
- North American Rayon Corporation. (See Bitter, John L., assignor.)
- North American Rayon Corporation. (See Bley, Rudolph S., assignor.)
- North American Rayon Corporation. (See Bochmann, Otto, assignor.)
- North American Rayon Corporation. (See Hartmann, A., and Uytendogaart, assignors.)
- North American Rayon Corporation. (See Knechtel, Erich, assignor.)
- North American Rayon Corporation. (See Schmidt, Kurt, assignor.)
- North American Rayon Corporation. (See Stoeckley, Johann J., assignor.)
- North American Rayon Corporation. (See Stoeckly, J. J., and Witte, assignors.)
- North American Rayon Corporation. (See Taylor, Joseph I., assignor.)
- North American Rayon Corporation. (See Taylor, J. I., and Schaefer, assignors.)
- North American Rayon Corporation. (See Uytendogaart, Johannes, assignor.)
- North American Rayon Corporation. (See Zart, A. R., and Maxton, assignors.)
- North American Refractories Company. (See McKinley, J. M., assignor, and Carter.)
- North American Service Company. (See Baumeister, Fitch J., assignor.)
- North and Judd Manufacturing Company. (See Freysinger, John B., assignor.)
- North and Judd Manufacturing Company. (See Gency, William, assignor.)
- Northam Warren Corporation. (See Schlayer, E. G., and Kullack, assignors.)
- Northcutt, Robert T., Cranford, and A. L. Johnston, Jr., Plainfield, N. J., assignors to Food Concentrates, Inc., New York, N. Y. Spray drying apparatus. 2,110,167; Mar. 8.
- Northen, Charles, Orlando, Fla. Plant food. 2,129,334; Sept. 6.
- Northern Coal Products Co. (See Lykken, H. G., and Sutherland, assignors.)
- Northern Equipment Company. (See Hunter, William L., assignor.)
- Northern Equipment Company. (See Veenschoten, Vincent V., assignor.)
- Northern Indiana Brass Company. (See Arbogast, Alfred C., assignor.)
- Northern Machine Co. (See Kamborian, Jacob S., assignor.)
- Northern Malleable Iron Company. (See Cummins, Thomas K., assignor.)



- Northern Trust Company, The, et al., executors. (See O'Brien, John J. and M. W.)
- Northey, Elmore H. (See Munro, W. P., Northey, and Lecher.)
- Northey, Elmore H., assignor to The Calco Chemical Company, Inc., Bound Brook, N. Y. Di(aminoarylsulphon)-amides and making the same. 2,133,787; Oct. 18.
- Northrop, Dennis E., and R. C. Burton, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Refining organic acid esters of cellulose. 2,140,543; Dec. 20.
- Northup, Amos E., Pleasant Ridge, Mich., assignor to The Murray Corporation of America. Displaceable upholstery trim. 2,120,036; June 7.
- Northup, Amos E., Detroit, Mich., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Vehicle construction. 2,131,116; Sept. 27.
- Northup, Amos E., Pleasant Ridge, Mich., assignor to The Murray Corporation of America. Vehicle top. 2,135,595; Nov. 8.
- Northup, Harry L., and J. Agger, assignors to Chicago Rawhide Manufacturing Company, Chicago, Ill. Manufacturing oil seals. 2,127,982; Aug. 23.
- Northwest Air Service Inc. (See Burrington, Walter W., assignor.)
- Northwest Engineering Corporation. (See Burke, Paul, assignor.)
- Northwest Paper Company, The. (See Atkins, Samuel F., assignor.)
- Northwest Paper Company, The. (See Textor, Clinton K., assignor.)
- Northwestern Barb Wire Company. (See Bradley, Albert F., assignor.)
- Northwestern Barb Wire Company. (See Hill, Harry W., assignor.)
- Northwestern Barb Wire Company. (See Waltman, A. H., and Dillon, assignors.)
- Norton, Albert, Birmingham, assignor to Tube Products Limited, Oldbury, Birmingham, England. Rolling mill. 2,125,686; Aug. 2.
- Norton, Charles L., Boston, Mass. Insulating material. 2,110,470; Mar. 8.
- Norton Company. (See Amidon, Charles H., assignor.)
- Norton Company. (See Anderson, Harry O., assignor.)
- Norton Company. (See Belden, Albert G., assignor.)
- Norton Company. (See Belden, A. G., and Cole, assignors.)
- Norton Company. (See Beth, Hugo W. H., assignor.)
- Norton Company. (See Cole, Raymond A., assignor.)
- Norton Company. (See Crompton, George, Jr., assignor.)
- Norton Company. (See Dunbar, Howard W., assignor.)
- Norton Company. (See Dunbar, H. W., and Indge, assignors.)
- Norton Company. (See Erickson, John R., assignor.)
- Norton Company. (See Fisher, Henry C., assignor.)
- Norton Company. (See Flygare, Carl G., assignor.)
- Norton Company. (See Garside, J. L., and Flygare, assignors.)
- Norton Company. (See Green, Clarence J., assignor.)
- Norton Company. (See Griffing, Herbert J., assignor.)
- Norton Company. (See Holmstrom, A. B. and Wahlberg, assignors.)
- Norton Company. (See Hulbert, G. E., and Indge, assignors.)
- Norton Company. (See Indge, Herbert S., assignor.)
- Norton Company. (See Indge, H. S., and Hulbert, assignors.)
- Norton Company. (See Larsson, Thure, assignor.)
- Norton Company. (See Martin, Richard H., assignor.)
- Norton Company. (See Milligan, L. H., and Lombard, assignors.)
- Norton Company. (See Person, G. W., and Prescott, assignors.)
- Norton Company. (See Quick, C. H., and Beecher, assignors.)
- Norton Company. (See Ridgway, Raymond R., assignor.)
- Norton Company. (See Ridgway, R. R., and Bailey, assignors.)
- Norton Company. (See Sanford, Baalis, assignor.)
- Norton Company. (See Saxe, Charles W., assignor.)
- Norton Company. (See Silven, Herbert A., assignor.)
- Norton Company. (See Silven, H. A., and Flygare, assignors.)
- Norton Company. (See Tighe, John J., assignor.)
- Norton Company. (See Van der Pyl, Edward, assignor.)
- Norton Company. (See Webster, Duane E., assignor.)
- Norton Company. (See Wood, Wallace H., assignor.)
- Norton, Daniel F., Chicago, Ill. Cigarette extinguisher. 2,106,059; Jan. 18.
- Norton, Edward L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,126,915; Aug. 16.
- Norton, Edward L., Summit, N. J., and R. F. Wick, St. George, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impedance transformer. 2,115,826; May 3.
- Norton, Herbert E., Brockport, N. Y. Spray nozzle. 2,127,883; Aug. 23.
- Norton, John S., San Francisco, Calif. Fishing reel. 2,132,430; Oct. 11.
- Norton, Joseph T., Swedesboro, N. J. Light reflector. 2,136,862; Nov. 15.
- Norton Lasier Company. (See Lasier, David R., assignor.)
- Norton, Leland D., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Audio-frequency amplifier. 2,132,830; Oct. 11.
- Norton, Leland D., Fairfield, and V. L. Frykman, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Commercial phonograph. 2,110,092; Mar. 1.
- Norton, Lowell E. (See Luck, D. G. C., and Norton.)
- Nortron Patents Corp. (See Baruch, Sydney N., assignor.)
- Norvell, Davie W., Greensboro, N. C. Tent. 2,137,625; Nov. 22.
- Notarangelo, Frank. (See Agosta, C., and Notarangelo.)
- Nototyp-Rundstatler G. m. b. H. (See Rundstatler, Gust, assignor.)
- Nottingham, Edward B., Villa Park, assignor to H. B. Dodge and Company, Chicago, Ill. Blind or shutter. 2,134,983; Nov. 1.
- Nottingham, Oria W., Shonkin, Mont. Mechanical brake equalizer. 2,112,785; Mar. 29.
- Novak, Frederick A., Elyria, and H. B. Harn, assignors, by mesne assignments, to Molding Service, Inc., Dayton, Ohio. Molding machine for plastics. 2,141,195; Dec. 27.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Apparatus for making saturated, sized, filled, or coated paper or fiberboard. 2,104,052; Jan. 4.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Impregnating fibrous materials. 2,107,304; Feb. 8.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Manufacture of midsoles. 2,125,947; Aug. 9.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Manufacture of woven friction material. 2,138,876; Dec. 6.
- Novak, John G. (See Relly, G. A., and Novak.)
- Novak, Joseph M., Wagner, S. Dak. Fly trap. 2,137,582; Nov. 22.
- Novelart Mfg. Co. (See Kahn, Milton, assignor.)
- Novelview, Inc. (See Rossman, Earl, assignor.)
- November, Julius, et al. (See Elbaum, Philip, assignor.)
- Novey, William, and J. C. Tromba, assignors to The Fitzgerald Manufacturing Company, Torrington, Conn. Oil seal ring. 2,117,849; May 17.
- Novey, William, and J. C. Tromba, assignors to The Fitzgerald Manufacturing Company, Torrington, Conn. Assembling an oil seal ring. 2,120,113; June 7.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Envelope machine. 2,106,255; Jan. 25.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Blank aligning mechanism and method. 2,107,043; Feb. 1.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope machine. 2,113,555; Apr. 5.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Manufacture of satchel bottom bags. 2,125,306; Aug. 2.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Bag making machine. 2,125,307; Aug. 2.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Applying a patch to a satchel bottom bag. 2,125,308; Aug. 2.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope machine. 2,127,568; Aug. 23.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope machine. 2,131,743; Oct. 4.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope machine. 2,139,514; Dec. 6.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope machine. 2,140,112; Dec. 13.
- Novo Engine Company. (See Finn, Charles O., assignor.)
- Novocel Chemical Mfg. Co. (See Goldberg, Samuel D.)
- Novotny, Emil E., assignor, by mesne assignments, to Stokes & Smith Co. (Durite Plastics Division), Philadelphia, Pa. Abrasive body and making the same. 2,111,248; Mar. 15.
- Novotny, Emil E., assignor, by mesne assignments, to Durite Plastics, Incorporated, Philadelphia, Pa. Resinous liquid composition. 2,133,464; Oct. 18.
- Nowak, Alfred. (See Sulda, H., Pöhl, and Nowak.)
- Nowak, Paul, Berlin-Charlottenburg, Germany, assignor to General Electric Company, Schenectady, N. Y. Compounds of polymerized acrylic acid or its esters with sulphur or selenium and making the same. 2,105,361; Jan. 11.
- Nowak, Paul, Charlottenburg, Germany, assignor to General Electric Company. Resinous thermoplastic materials. 2,105,364; Jan. 11.
- Nowak, Paul, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Insulating band for electrical machines and apparatus. 2,119,400; May 31.
- Nowak, Paul, and H. Hofmeier, Berlin-Charlottenburg, Germany, assignors to General Electric Company, Schenectady, N. Y. Insulated electrical conductor. 2,105,362; Jan. 11.



- Nowak, Paul, and H. Hofmeier, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Synthetic compound and its production. 2,105,363; Jan. 11.
- Nowlin, J. W., et al. (See Scott, James A., assignor.)
- Nown, Frank, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of covers for abrasive tools. 2,110,937; Mar. 15.
- Nowosielski, Edward B., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical cable connector. 2,108,504; Feb. 15.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Ignition apparatus. 2,109,029; Feb. 22.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Ignition apparatus. 2,109,030; Feb. 22.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Spark plug. 2,110,652; Mar. 8.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Combustion control for internal combustion engines. 2,127,983; Aug. 23.
- Noyes, Edward R., Natick, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Arch supporting shoe. 2,123,288; July 12.
- Noyes, Ira W., assignor to Draper Corporation, Hopedale, Mass. Drop wire bar support. 2,139,456; Dec. 6.
- Noyes, John D., Detroit, Mich. Electric circuit controlling device. 2,138,191; Nov. 29.
- Noyes, John H., Chicago, Ill., and C. B. Moore, Cincinnati, Ohio, assignors to Felt and Tarrant Mfg. Co., Chicago, Ill. Record sheet holder. 2,115,467; Apr. 26.
- Nozar, Joseph, Sr., Cleveland, Ohio. Nonrefillable bottle. 2,116,447; May 3.
- NuBone Company, The. (See Koford, Clifton, assignor.)
- Nüchterlein, Karl, assignor to Ihagee Kamerawerk Steenbergen & Co., Dresden, Germany. Reflex camera. 2,136,148; Nov. 8.
- Nüchterlein, Karl, assignor to Ihagee Kamerawerk Steenberger & Co., Dresden, Germany. Lens mount. 2,136,149; Nov. 8.
- Nuckolls, Marshall, et al. (See Thayer, William W., assignor.)
- Nucord Company. (See Morgan, Delevan F., assignor.)
- Nudelmann, Emma, New York, N. Y. Pencil sharpener. 2,132,121; Oct. 4.
- Nuding, Jacob J., and J. Pollak, Chicago, Ill. Back-set metal sash. 2,121,094; June 21.
- Nuesslein, Joseph. (See Schoeller, C., and Nuesslein.)
- Nuesslein, Joseph, and J. von Klencz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purifying raw wool. 2,137,823; Nov. 22.
- Nufibre Corporation. (See Coulter, Charles P., Jr., assignor.)
- Nu-line Manufacturing Company. (See Wilsdorf, Frank A., assignor.)
- Null, George. (See Null, William H., assignor.)
- Null, William H., assignor of one-half to G. Null, Liberty, W. Va. Sickle bar for reapers and mowers. 2,138,305; Nov. 29.
- Nunn, Ewing D., Milwaukee, Wis. Mechanical oscillator. 2,128,314; Aug. 30.
- Nuodex Products Co. (See Minich, Arthur, assignor.)
- Nuodex Products Co. (See Roon, L., and Gotham, assignors.)
- Nuodex Products Co. Inc. (See Roon, Leo, assignor.)
- Nurnberg, Charles, Brooklyn, N. Y. Thermometer. 2,119,344; May 31.
- Nusbaum Knitters, Inc. (See La Villette, Charles, assignor.)
- Nutone Chimes Inc. (See Alexander, Lowell M., assignor.)
- Nutrition Research Laboratories, Inc. (See Whittier, Charles C., assignor.)
- Nutt, Donald B., El Segundo, assignor to Standard Oil Company of California, San Francisco, Calif. Removal of suspended solids from oil. 2,124,148; July 19.
- Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,141,014; Dec. 20.
- Nutt, Harold, and H. V. Reed, assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,107,739; Feb. 8.
- Nutt, Harold, and H. V. Reed, assignors to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,110,051; Mar. 1.
- Nutt, Harold, and H. V. Reed, assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Automatic clutch. 2,115,277; Apr. 26.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for trimming. 2,108,177; Feb. 15.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 2,110,938; Mar. 15.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,114,399; Apr. 19.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe finishing machine. 2,126,802; Aug. 16.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Operating upon the heel-portion of shoes. 2,131,845; Oct. 4.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Last. 2,131,846; Oct. 4.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel and covering the same. 2,135,673; Nov. 8.
- Nutter, Irvin E., F. E. Martin, Whittenburg, Tex., and G. W. McCullough, assignors to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for liquid level and pressure control. 2,107,955; Feb. 8.
- Nutting, Howard S. (See Britton, E. C., Nutting, and Huscher.)
- Nutting, Howard S., and P. S. Petrie, assignors to The Dow Chemical Company, Midland, Mich. Preparation of brominated hydrocarbons. 2,120,675; June 14.
- Nyanza Color & Chemical Co. (See Muller, Oscar F., assignor.)
- Nyberg, Herman. (See Gurton, W. S., Plint, and Nyberg.)
- Nycum, Homer C. (See Griscom, S. B., and Nycum.)
- Nydegger, George C., Chicago, Ill. Collapsible box or carton. 2,113,854; Apr. 12.
- Nydegger, Max R. (See Schuricht, Carl, assignor.)
- Nydegger, Roland R. (See Johnson, F. V., and Nydegger.)
- Nye, Alvin F., assignor to Eli-Bac Products Corporation, Rochester, N. Y. Sliding window fixture. 2,131,521; Sept. 27.
- Nye Tool and Machine Works, The. (See Lilleberg, Tide-man M., assignor.)
- Nye-Wait Company. (See Fonda, Harold H., assignor.)
- Nygaard & Company, Aktieselskap. (See Laland, P., and Klem, assignors.)
- Nyerges, Arthur, Cleveland, Ohio. Pin setter. 2,125,647; Aug. 2.
- Nyffenegger, Hans, assignor to the firm Schweizerische Lokomotiv-und Maschinenfabrik, Winterthur, Switzerland. Locomotive. 2,140,967; Dec. 20.
- Nygaard, Edwin M. (See Berger, H. G., and Nygaard.)
- Nygaard, Johan O., Oslo, Norway, and O. Mjden, assignors to Aktiebolaget Nordiska Hovbeslaget, Stockholm, Sweden. Manufacturing exchangeable calks for horse-shoes. 2,117,817; May 17.
- Nygren, Bror A. D., Huddinge, Sweden. Time indicator. 2,110,139; Mar. 8.
- Nyhagen, Barney R., Bronx, N. Y. Motor driven hair cutting implement. 2,124,985; July 26.
- Nyhagen, Dorothy. (See Nyhagen, Richard M., Jr., assignor.)
- Nyhagen, Richard M., Jr., assignor of one-twentieth to D. Nyhagen, Chicago, Ill. Building construction. 2,114,906; Apr. 19.
- Nyhus, Earle L., et al. (See Nyhus, Hilbert J., assignor.)
- Nyhus, Hilbert J., Grand Forks, assignor of one-third to E. L. Nyhus, Fargo, and one-third to J. Tangen, Grand Forks, N. Dak. Locking device for automobile hoods. 2,136,948; Nov. 15.
- Nyland, Edward R., assignor to General Motors Corporation, Detroit, Mich. Gear lapping machine. 2,108,547; Feb. 15.
- Nylander, Birger F. E., Hernösand, Sweden. Machine for producing form pieces from wet fibrous mass. 2,132,270; Oct. 4.
- Nyman, Alexander, Weehawken, N. J. Induction motor. 2,121,550; June 21.
- Nyman, Emil. (See Collison, E. E., and Nyman.)
- Nyquist, Harry, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control system. 2,105,927; Jan. 18.
- Nyquist, Harry, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay circuit. 2,135,596; Nov. 8.
- Nystrand, Daniel, Green Bay, Wis. Interfold sheet package. 2,125,618; Aug. 2.
- Nyström, Carl W., Karlstad, Sweden. Apparatus for securing a strip of metal to a fabric piece of a necktie. 2,116,952; May 10.
- Nystrom, Gunnar B., assignor to The Republic Brass Company, Cleveland, Ohio. Waste and overflow fitting. 2,122,620; July 5.
- Nystrom, Karl F., Milwaukee, Wis., assignor to Chicago-Hutchins Corporation, Chicago, Ill. Railway car construction. 2,130,812; Sept. 20.
- O. K. Tool Company, The. (See Reaney, Ernest, assignor.)
- Oak Manufacturing Company. (See Allison, Kenneth C., assignor.)
- Oak Manufacturing Company. (See Allison, K. C., and Mastney, assignors.)
- Oak Manufacturing Company. (See Dressel, H. M., Allison, and Mastney, assignors.)
- Oak Manufacturing Company. (See Mastney, Edward J., assignor.)
- Oak Manufacturing Company. (See Pratt, Robert H., assignor.)
- Oakdale Contracting Company. (See Lavine, George, assignor.)
- Oakes & Burger Co. (See Wolf, Frank F., assignor.)
- Oakes Products Corporation. (See Duncan, Charles R., assignor.)
- Oakes Products Corporation. (See Gould, Jay H., assignor.)
- Oakes Products Corporation. (See Jandus, Herbert S., assignor.)



- Oakes Products Corporation. (See Kristensen, Norman Y., assignor.)
- Oakes Products Corporation. (See Sandberg, Ray A., assignor.)
- Oakes Products Corporation. (See Sandberg, R. A., and Duncan, assignors.)
- Oakes, William B., trustee, et al. (See Bradford, C., and Scollon, assignors.)
- Oakeshott, Stephen H. (See Harrison, A. A., and Oakeshott.)
- Oakite Products, Inc. (See Hershman, Paul R., assignor.)
- Oakite Products, Inc. (See Johnson, Le Baron B., assignor.)
- Oakley, Henry D., Schenectady, N. Y. Inductor compass. 2,132,183; Oct. 4.
- Oakley, Kenneth H., assignor of one-third to G. E. Judd, Fort Myers, Fla., and one-third to J. C. Copeland, Chicago, Ill. Staggered stereoscopic motion pictures for fusion training. 2,114,060; Apr. 12.
- Oakley, Laurence M., assignor to Essex Rubber Company, Trenton, N. J. Rubber heel. 2,133,788; Oct. 18.
- Obdyke, Louis K., Glendale, Calif. Machine for popping popcorn and vending the same. 2,134,088; Oct. 25.
- Obear-Nester Glass Company. (See Stuckey, Samuel G., assignor.)
- Obenshain, Noel, Piedmont, W. Va. Device for cutting fruit into sectors. 2,108,992; Feb. 22.
- Oberdieck, Luther E., Brooklyn, assignor to Cleveland, Tungsten Manufacturing Company, Inc., Cleveland, Ohio. Apparatus for removing oxides and preventing pitting of electrical contacts. 2,107,709; Feb. 8.
- Oberender, John L., Kingsville, and W. H. Blessing, assignors to Oles Envelope Corporation, Baltimore, Md. Sheet separator for envelope machines. 2,127,419; Aug. 16.
- Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Desk telephone. 2,127,569; Aug. 23.
- Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Wall telephone set. 2,133,468; Oct. 18.
- Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Calling device. 2,133,469; Oct. 18.
- Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Multi-contact device. 2,135,832; Nov. 8.
- Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Switching apparatus. 2,137,503; Nov. 22.
- Oberhoffken, Alexander. (See Johnson, J. R., Oberhoffken, and Cotta.)
- Oberhoffken, Alexander, assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Metal removing machine. 2,104,756; Jan. 11.
- Oberhoffken, Alexander, assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Milling machine. 2,128,960; Sept. 6.
- Oberlander, Theodore F., Elkland, Pa. Tanning. 2,111,800; Mar. 22.
- Oberle, Josef, New York, N. Y. Animal snare trap. 2,123,955; July 19.
- Obermaier, Carl F., York, Pa., assignor to General Electric Company. Electrical insulation material. 2,107,901; Feb. 8.
- Obermaier, Carl F., York, Pa., assignor to General Electric Company. Method and apparatus for applying a fibrous coating to a filament. 2,131,598; Sept. 27.
- Obermaier, John A., Chicago, Ill. Liquid level change detector. 2,106,756; Feb. 1.
- Obermaier, John A., Chicago, Ill. Resistance thermometer. 2,131,065; Sept. 27.
- Obermaier, John A., Chicago, Ill. Sealed connector. 2,131,066; Sept. 27.
- Obermayr, Paul, Mittweida, Germany. Knitting-darning machine. 2,135,142; Nov. 1.
- Obermiller, Albert I., Santa Ana, assignor to Food Machinery Corporation, San Jose, Calif. Shook aligning device. 2,113,627; Apr. 12.
- Obermiller, Albert I., Santa Ana, assignor to Food Machinery Corporation, San Jose, Calif. Shook feeding device. 2,117,906; May 17.
- Obert, Casin W., Mount Vernon, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Heat economizer. 2,123,612; July 12.
- Obregon, Alejandro, Mexico, D. F., Mexico. Automatic loading firearm. 2,115,041; Apr. 26.
- O'Brien, Brian, Rochester, N. Y. Electrode. 2,121,882; June 28.
- O'Brien, Brian, Rochester, N. Y. Irradiating method and apparatus. 2,132,431; Oct. 11.
- O'Brien, Brian, Rochester, N. Y. Method and means for determining optical characteristics of substances. 2,133,562; Oct. 18.
- O'Brien, Charles M. (See Shulman, L. R., Jarvis, Thomas, O'Brien, and Schreiber.)
- O'Brien, Edson A., Burlington, Wash. Confection. 2,132,966; Oct. 11.
- O'Brien, Francis M., Jr., Miami, Fla. Laminated fishing rod. 2,104,494; Jan. 4.
- O'Brien, Francis M., Jr., Miami, Fla. Reel seat for fishing rods. 2,104,495; Jan. 4.
- O'Brien, Frank E., and H. D. Menkel, Lima, Ohio. Screw driver and voltage detector. 2,116,448; May 3.
- O'Brien, Frank J., et al. (See Elsom, James D., assignor.)
- O'Brien, Frank J. (See Sedwick, M. M., and O'Brien.)
- O'Brien, James J., Dundalk, and G. M. Juredine, Baltimore, assignors to The Glidden Company, Cleveland, Ohio. Making red pigment. 2,115,080; Apr. 26.
- O'Brien, John J. and M. W.; J. J. O'Brien and The Northern Trust Company, executors of said M. W. O'Brien, deceased, and J. J. O'Brien, individually, assignors to South Bend Lath Works, South Bend, Ind. Belt tightener. 2,138,117; Nov. 29.
- O'Brien, John R., Long Island City, N. Y. Plural-valve plumbing fixture. 2,138,503; Nov. 29.
- O'Brien, John R., Long Island City, N. Y. Plumbing fixture. 2,140,848; Dec. 20.
- O'Brien, Lawrence, assignor of one-third to C. E. Hildreth and one-third to E. Zimmermann, Mount Pulaski, Ill. Battery connector. 2,125,579; Aug. 2.
- O'Brien, Miles W. (See O'Brien, John J. and M. W.)
- O'Brien, Parker J., Brooklyn, assignor of one-half to J. G. Merrow, New York, N. Y. Pad holder. 2,124,429; July 19.
- O'Brien, Walter L., Oak Park, Ill. Automatic bagger and loader. 2,105,610; Jan. 18.
- O'Brien, Willis H., Los Angeles, Calif. Producing color effects in photography. 2,127,829; Aug. 23.
- Obstfeld, Abe, et al. (See Drypolcher, William, assignor.)
- Obstfeld, Lou, et al. (See Drypolcher, William, assignor.)
- Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Machine tool. 2,116,122; May 3.
- Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Jigsaw. 2,116,123; May 3.
- Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Tilting arbor table saw. 2,131,492; Sept. 27.
- Ochs, Sidney A. (See Harshberger, N. P., and Ochs.)
- Ochsenbein, Walter, assignor to Hasler A.-G. Werke für Telefonie & Präzisions-mechanik, Bern, Switzerland. Machine for postmarking and like purposes. 2,107,618; Feb. 8.
- Ochwat, Paul, Frankfurt-on-the-Main-Hochst, and B. Wendt, Dessau, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Light-sensitive derivatives of vat-dyestuffs and preparing them. 2,111,479; Mar. 15.
- Ocker, William C., and G. R. Smith, Brookfield, Tex. Hinged propeller blade. 2,125,948; Aug. 9.
- Ockrent, Charles. (See Hardie, D. W. F., and Ockrent.)
- Ocon, Ernest A., New York, N. Y. Refining and cracking oil. 2,106,013; Jan. 18.
- Ocon, Ernest A., New York, N. Y. Treating a plurality of heavy hydrocarbon oils for subsequent cracking. 2,130,596; Sept. 20.
- O'Connell, John J., Brooklyn, N. Y. Pickproof lock. 2,137,504; Nov. 22.
- O'Conner, John L., Taft, Calif. Cap pistol. 2,106,648; Jan. 25.
- O'Connor, Edward P., Pittsburg, Kans. Railway car truck. 2,110,004; Mar. 1.
- O'Connor, Edward P., Pittsburg, Kans. Steam operated cylinder relief and drain valve. 2,136,519; Nov. 15.
- O'Connor, Ethel, Brooklyn, N. Y. Stocking. 2,118,102; May 24.
- O'Connor, George K., Winnetka, assignor to Smoot Engineering Corporation, Chicago, Ill. Regulator. 2,106,036; Jan. 18.
- O'Connor, George K., Winnetka, assignor to Smoot Engineering Corporation, Chicago, Ill. Regulator. 2,125,949; Aug. 9.
- O'Connor, George K., Evanston, assignor to Republic Flow Meters Company, Chicago, Ill. Valve. 2,115,993; May 3.
- O'Connor, George K., Evanston, assignor to Smoot Engineering Corporation, Chicago, Ill. Regulator. 2,131,481; Sept. 27.
- O'Connor, John B., assignor to Lyon Metal Products Incorporated, Aurora, Ill. Folding table top. Re. 20,949; Dec. 13.
- O'Connor, William H., Middletown, N. Y. Skinning machine. 2,123,312; July 12.
- Oczko, Marion K., Johnstown, N. Y. Unhairing roll. 2,121,025; June 28.
- Odartchenko, Serge, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Safety device for water cooled electron tubes. 2,115,559; Apr. 26.
- O'Dea, John, et al. (See Henderson, Philip O., assignor.)
- O'Dell, Henry P. (See Freestag, H. C., O'Dell, and Smith.)
- O'Dell, Leonard R., assignor to N. A. Jenkins, Adams Center, N. Y. Surgical appliance. 2,101,699; Jan. 4.
- Odenbach, John H., and J. Cattanch, assignors to Dolomite Marine Corporation, Rochester, N. Y. Welded hull construction. 2,104,053; Jan. 4.
- Odum, Earl R., Marion, Ind. Conveyor for hot bottles. 2,118,736; May 24.
- Odum, Edwin H., assignor to Simplicity Manufacturing Company, Port Washington, Wis. Grinding machine. 2,116,686; May 10.
- Odum, William M., Holdenville, Okla. Sewing thimble. 2,113,994; Apr. 12.
- O'Donnell, Chester E. (See Paxton, H., and O'Donnell.)
- O'Donnell, Edward M., San Francisco, Calif. Closure for tank apertures. 2,134,314; Oct. 25.



- O'Donnell, Edward P., assignor of one-half to B. F. Kelley, Tulsa, Okla. Collapsible or knock-down toy. 2,116,279; May 3.
- O'Donnell, Edward P., Oklahoma City, assignor to B. F. Kelley, Tulsa, Okla. Walking hobbyhorse. 2,121,257; June 21.
- O'Donnell, Michael V., Pittsburgh, Pa. Multiple leaf spring. 2,106,411; Jan. 25.
- Odor, Ralph K., Edmond, Okla. Propeller assembly for aircraft. 2,118,052; May 24.
- O'Dowd, Leslie J., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Device for twisting yarn. 2,104,809; Jan. 11.
- O'Dowd, Leslie J., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Twisting yarn. 2,104,810; Jan. 11.
- Oechsli, Heinrich, Romanshorn, Switzerland. Wire rope. 2,117,818; May 17.
- Oeckl, Otto, Berlin-Baumschulenweg, assignor to Henschel-Flugzeug-Werke A. G., Schönefeld, Germany. Die press. 2,123,683; July 12.
- Oeding, Wolfgang, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Cable connector and support. 2,118,103; May 24.
- Oehlert, Hans, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of hydrochloric acid and sodium sulphate. 2,135,674; Nov. 8.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Outboard brake for railway car trucks. 2,113,815; Apr. 12.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Roller bearing. 2,124,953; July 26.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Locomotive driving wheel roller bearing unit. 2,131,013; Sept. 20.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,135,728; Nov. 8.
- Oelkers, Alfred H., and F. E. Bachman, assignors to American Steel Foundries, Chicago, Ill. Freight car truck snubber. 2,130,674; Sept. 20.
- Oelkers, Ore. (See Fuglie, E., and Oelkers.)
- Oermann, Carl H., York, Pa. Folding chair. 2,110,338; Mar. 8.
- Oermann, Carl H., York, Pa. Folding chair. 2,123,613; July 12.
- Oermann, Carl H., York, Pa. Chair. 2,130,022; Sept. 13.
- Oermann, Carl H., York, Pa. Chair. 2,135,833; Nov. 8.
- Oesterlein, William J., assignor to Harnischfeger Corporation, Milwaukee, Wis. Motor construction. 2,114,907; Apr. 19.
- Oesterlein, William J., Wauwatosa, assignor to Harnischfeger Corporation, Milwaukee, Wis. Motor generator truck. 2,117,034; May 10.
- Oesterlein, William J., Wauwatosa, assignor to Harnischfeger Corporation, Milwaukee, Wis. Welding generator. 2,117,035; May 10.
- Oesterr, Ung. Optische Anstalt C. P. Goerz Gesellschaft m. b. H. (See Lang, Rudolf, assignor.)
- Oesterreichische Aga-Werke Aktien-Gesellschaft. (See von Latscher-Latka, E., and Schmidt, assignors.)
- Oestricher, Bernard, Brooklyn, N. Y. Adjustable clothing form. 2,127,368; Aug. 16.
- Oetiker, Edwin, Zurich-Alstetten, Switzerland. Fluid-pressure operated brake. 2,111,674; Mar. 22.
- Oetterer, Alvin, Hermann, Mo. Adjustable ice creeper. 2,107,617; Feb. 8.
- Ofeldt, Frank W., McKeesport, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Heating tube. 2,111,538; Mar. 15.
- Ofeldt, Frank W., McKeesport, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Heater tank assembly. 2,115,587; Apr. 26.
- Ofeldt, Frank W., McKeesport, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Process and apparatus for heat generation of spray. 2,128,263; Aug. 30.
- Ofeldt, Frank W., McKeesport, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Burner. 2,128,264; Aug. 30.
- Ofeldt, Frank W., McKeesport, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Pump. 2,131,749; Oct. 4.
- Offen, Bernard, Chicago, Ill. Drying method and apparatus. 2,123,341; July 12.
- Offen, Bernard, Chicago, Ill. Web drying method and apparatus. 2,133,330; Oct. 18.
- Offen, Bernard, Chicago, Ill. Drying method and apparatus. 2,141,403; Dec. 27.
- Offen, Bernard, Chicago, Ill., assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Air conditioning. 2,123,742; July 12.
- Offermanns, Wilhelm, assignor to Schumag Schumacher Metallwerke Aktiengesellschaft für Präzisionsmechanik, Aachen, Germany. Device for guiding the rollers of antifriction bearings. 2,137,346; Nov. 22.
- Officer, Charles J., Jr., Tillamook, Oreg. Measuring device. 2,106,649; Jan. 25.
- Officer, Robert A. (See Westfall, Ralph R., assignor.)
- Officer, Wesley J., Hampden, and O. T. Wood, assignors to Blake Manufacturing Corporation, Clinton, Mass. Flashlight switch. 2,132,218; Oct. 4.
- Officer, Wesley J., Hampden, and O. T. Wood, assignors to Blake Manufacturing Corporation, Clinton, Mass. Flashlight switch. 2,138,387; Nov. 29.
- Offutt, Anderson, United States Navy. Safety cap for liquid tank filler spouts. 2,132,432; Oct. 11.
- Offutt, Harold H., Winchester, assignor to Godfrey L. Cabot, Inc., Boston, Mass. Graphitized carbon black. 2,134,950; Nov. 1.
- Offutt, Harold M. (See Billings, E., and Offutt.)
- Ofstedal, Maurice S., and W. S. Dykeman, Chicago, Ill.; said Dykeman assignor to said Ofstedal. Threshold construction. 2,129,381; Sept. 6.
- Ofstedal, Philip R. (See Klecan, Charles E., assignor.)
- Ofstedal, Philip R., Chicago, Ill. Weather-strip. 2,117,978; May 17.
- Ofstedal, Philip R., and D. G. Kingsley, Chicago, Ill. Threshold. 2,108,137; Feb. 15.
- Öfverholm, Hakan. (See Forssell, H., and Öfverholm.)
- Ogden, Floyd H., Watertown, Mass. Tooth brush attachment. 2,139,245; Dec. 6.
- Ogden, Floyd H., Watertown, Mass., assignor, by mesne assignments, to Willcox & Gibbs Sewing Machine Company, Pinkney device. 2,133,111; Oct. 11.
- Ogden, Jacob W. (See Wheeler, W. H., and Ogden.)
- Ogden, Jacob W. (See Wheeler, W. H., Jr., Ogden, and Rouan.)
- Ogden, Jacob W., Springdale, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Timed tripping device. 2,130,897; Sept. 20.
- Ogden, Jacob W., Springdale, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Tripping device. 2,130,898; Sept. 20.
- Ogden, John, Indianapolis, Ind. Preparing bituminous emulsions. 2,108,505; Feb. 15.
- Ogden, Ralph E. (See Cooper, Frank P., assignor.)
- Ogden, Ralph E. (See Prescott, Arthur T., assignor.)
- Ogden, William B., Youngstown, assignor to Valley Mould & Iron Corporation, Hubbard, Ohio. Hot top. 2,133,829; Oct. 18.
- Ogden, William F., Chicago, Ill. Water supply system. 2,117,907; May 17.
- Ogg, William A., Cincinnati, Ohio. Apparatus for coking coal. 2,119,176; May 31.
- Ogilby, Stewart R., West New Brighton, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Forming rubber articles. 2,115,560; Apr. 26.
- Ogilby, Stewart R., West New Brighton, assignor to United States Rubber Company, New York, N. Y. Forming rubber articles. 2,115,561; Apr. 26.
- Ogilby, Stewart R., Staten Island, assignor to United States Rubber Products, Inc., New York, N. Y. Making sponge rubber. 2,126,273; Aug. 9.
- Ogilby, Stewart R., Staten Island, assignor to United States Rubber Products, Inc., New York, N. Y. Making sponge rubber. 2,126,275; Aug. 9.
- Ogilvie, William, Knowle, assignor to B. S. A. Tools Limited, Birmingham, England. Grinding machine. 2,117,979; May 17.
- Ogle, Kenneth N. (See Ames, A., Jr., Gliddo, and Ogle.)
- Ogle, Kenneth N. (See Ames, A., Jr., and Ogle.)
- Ogle, Kenneth N., assignor to Trustees of Dartmouth College, Hanover, N. H. Adjustable lens system. 2,107,305; Feb. 8.
- Ogle, Kenneth N., assignor to trustees of Dartmouth College, Hanover, N. H. Correcting binocular vision. 2,131,232; Sept. 27.
- Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Noncurling coated abrasive product and making the same. 2,136,150; Nov. 8.
- Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Manufacturing gaskets. 2,139,314; Dec. 6.
- Ogletree, Hill, Austin, Tex. Cutting implement. 2,109,303; Feb. 22.
- Oglietti, Giovanni, Turin, Italy. Telephone system. 2,111,103; Mar. 15.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,117,820; May 17.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,120,037; June 7.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,124,629; July 26.
- O'Hagan, Charles P., Chicago, Ill. Fuel burner. 2,120,372; June 14.
- O'Hagen, Archie M., Fosston, and G. C. Berger, Gonvick, Minn. Building block. 2,112,861; Apr. 5.
- O'Hara, Harry J., assignor to Standard Sports Mfg. Co., Chicago, Ill. Baseball mitt. 2,109,974; Mar. 1.
- O'Hara, Richard, et al. (See Skidmore, Frank, assignor.)
- O'Hare, William M., Chanute, Kans. Bag holding device. 2,111,327; Mar. 15.
- O'Harra, Berry M., and R. L. Hallows, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Refining lead. 2,109,797; Mar. 1.
- Ohio Boxboard Company, The. (See Crowell, Arnold L., assignor.)
- Ohio Boxboard Company, The. (See Swope, Lytle E., assignor.)
- Ohio Brass Company, The. (See Austin, Arthur O., assignor.)



- Ohio Brass Company, The. (See Bovard, Floyd G., assignor.)
- Ohio Brass Company, The. (See Brandt, Thomas F., assignor.)
- Ohio Brass Company, The. (See Calland, Otho G., assignor.)
- Ohio Brass Company, The. (See Higgins, Ralph, assignor.)
- Ohio Brass Company, The. (See Larsson, Ernst A., assignor.)
- Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)
- Ohio Brass Company, The. (See Meisse, Louis A., assignor.)
- Ohio Brass Company, The. (See Rorden, Harold L., assignor.)
- Ohio Brass Company, The. (See Taylor, John J., assignor.)
- Ohio Brass Company, The. (See Taylor, J. J., and Bovard, assignors.)
- Ohio Chemical and Manufacturing Company, The. (See Heidbrink, Jay A., assignor.)
- Ohio Chemical and Manufacturing Company, The. (See Sholes, Justin G., assignor.)
- Ohio Citizens Trust Company, The. (See Replogle, Danied B., assignor.)
- Ohio Corrugating Company, The. (See Vaughn, Harold G., assignor.)
- Ohio Ferro-Alloys Corporation. (See Weitzenkorn, Joseph W., assignor.)
- Ohio Knife Company, The. (See Waltmon, Thomas J., assignor.)
- Ohio Nut & Bolt Company, The. (See Demboski, L., and Kay, assignors.)
- Ohio Truss Company, The. (See Pease, William A., assignor.)
- Ohio Valley Safety Apparel Company. (See Mann, Roy M., assignor.)
- Ohl, Russell S. (See King, A. P., and Russell.)
- Ohlbaum, Karl & Son, Inc. (See De Cesare, Matteo, assignor.)
- Ohlbaum, Karl, & Son, Inc. (See Hutnikow, Theodore, assignor.)
- Ohlen-Bishop Company, The. (See Holfelner, Edward M., assignor.)
- Ohlendorf, Heinrich. (See Helberger, J. H., and Ohlendorf.)
- Ohlendorf, Heinrich. (See Wingler, A., Ohlendorf, and Lange.)
- Ohlendorf, Heinrich, and E. Baumann, Dessau in Anhalt, and K. Holzach, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoazo compounds and their production. 2,109,182; Feb. 22.
- Ohlendorf, Robert A. F., assignor, by mesne assignments, to Felipe Saettone, Buenos Aires, Argentina. Safety razor blade sharpener. 2,116,038; May 3.
- Ohlhaver, Homer W., Lakewood, Ohio, assignor, by mesne assignments, to The Bastian-Blessing Company, Chicago, Ill. Refrigeration system control. 2,140,810; Dec. 20.
- Ohlinger, Helmut. (See Hopff, H., and Ohlinger.)
- Ohlis, Julius J. (See Lenke, George H., assignor.)
- Ohlsson, Ernst. (See Isermann, S., Ohlsson, and Orelup.)
- Ohly, Carl, Darmstadt, Germany. Balancing machine with rocking axis adjustable at will. 2,122,621; July 5.
- Öhman, Per V., assignor to Nitroglycerin Aktiebolaget, Gyltorp, Sweden. Electrolytic production of esters. 2,130,813; Sept. 20.
- Ohmart, Grayston R., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,107,644; Feb. 8.
- Ohnesorge, Otto, Bochum, Germany. Rope transmission. 2,106,358; Jan. 25.
- Ohnrich, Alfons, Horni Litvinov, Czechoslovakia. Governor means. 2,121,508; June 21.
- Oilco Corporation. (See Edwards, Chester A., assignor.)
- Oilgear Company, The. (See Ferris, Walter, assignor.)
- Oilgear Company, The. (See Simonds, Paul, assignor.)
- Oilgear Company, The. (See Tyler, Ransom, assignor.)
- Oil Well Manufacturing Corporation. (See White, Clarence, assignor.)
- Oil Well Supply Company. (See Bayless, Frank B., assignor.)
- Oil Well Supply Company. (See Brantly, J. E., and Shimer, assignors.)
- Oil Well Supply Company. (See Gray, Allen, assignor.)
- Oil Well Supply Company. (See Maier, August R., assignor.)
- Oil Well Supply Company. (See Shimer, John M., assignor.)
- Oishel, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Vehicle signal. 2,122,801; July 5.
- Okada, Jiro, Suginami-ku, Tokyo, Japan. Apparatus for filling high pressure gas containers. 2,117,819; May 17.
- Okadee Company, The. (See Floen, C. W., and Ayers, assignors.)
- O'Kane, Walter C., Durham, N. H. Insecticide spray. 2,104,757; Jan. 11.
- O'Kane, Walter C., Durham, N. H. Active insecticide and fungicide. 2,127,526; Aug. 23.
- Okawa, Chukichi, and S. Wada, Tokyo, Japan, assignors to General Electric Company. Electric valve circuit. 2,117,908; May 17.
- O'Keefe, Cornelius P., assignor of one-half to A. H. Forgar, Los Angeles, Calif. Neon tube support. 2,112,995; Apr. 5.
- O'Kelly, David B., Bishopville, S. C. Portable desk. 2,110,813; Mar. 8.
- Okerfelt, George A., Hartford, Conn. Jig. 2,124,118; July 19.
- Okill, John, Lower Bebington, England. Apparatus for measuring fluid pressure. 2,130,649; Sept. 20.
- Okonite-Callender Cable Company, The. (See Reinitz, Bernard B., assignor.)
- Okonite Company, The. (See Lamela, William F., assignor.)
- Okonite Company, The. (See Waldron, Richard C., assignor.)
- Okonite Company, The. (See Youmans, Edward D., assignor.)
- Okun, Edward, New York, N. Y. Garment hanger. 2,107,873; Feb. 8.
- Okun, Nathaniel N., assignor to Atlas Floor Surfacing Machinery Corp., New York, N. Y. Floor sander. 2,118,818; May 31.
- Olafson, Alvin O., assignor to National Traffic Signal Company, St. Paul, Minn. Signal. 2,104,932; Jan. 11.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Floor rack. 2,106,852; Feb. 1.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Floor rack for refrigerator cars. 2,106,853; Feb. 1.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Combined clutch and friction retarding means for hand brakes. 2,121,095; June 21.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Door construction. 2,124,040; July 19.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Quick take-up mechanism. 2,127,570; Aug. 23.
- O'Laverty, James, et al. (See Vanderpoel, Albert G. H., assignor.)
- Olech, Jacob B. (See Lindegren, C. J., and Olech.)
- Olcott, Laurence E., Akron, C. C. Soper, Kent, K. W. Gasche, Stow, and W. T. Runals, assignors, by mesne assignments, to The Firestone Steel Products Company, Akron, Ohio. Drying apparatus. 2,130,246; Sept. 13.
- Old Colony Envelope Company. (See Walton, Albert Jr., assignor.)
- Oldenbloom, Derk J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Perforating machine. 2,107,160; Feb. 1.
- Older, Clifford, Wilmette, Ill. Traffic marker for pavements or the like. 2,127,233; Aug. 16.
- Oldham, James L., Nelson, England. Latch operating mechanism. 2,125,518; Aug. 2.
- Oldham, John M., Pleasant Ridge, assignor to L. A. Young, Detroit, Mich. Seat spring cover anchor. 2,125,519; Aug. 2.
- Oldham, John M., Pleasant Ridge, assignor to L. A. Young, Detroit, Mich. Snap fastener. 2,130,597; Sept. 20.
- Oldham, John M., assignor to L. A. Young, Detroit, Mich. Film reel. 2,132,043; Oct. 4.
- Oldham, John M., assignor to L. A. Young, Detroit, Mich. Ball winding machine. 2,136,195; Nov. 8.
- Olds, Ambrose D., Wichita, Kans. Electric sadiron. 2,109,848; Mar. 1.
- Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Sealing means for heater doors. 2,107,762; Feb. 8.
- Olds, Charles H., Prince George, British Columbia, Canada. Hawk and owl trap. 2,114,475; Apr. 19.
- Olds, Reginald B., Los Angeles, Calif. Stationary inner slide tube for trombones and similar instruments. 2,106,327; Jan. 25.
- Olds, Ruth M. (See Reed, Everett H., assignor.)
- O'Leary, Charles M., Jr. (See Patterson, Edgar W., assignor.)
- O'Leary, Charles M., Jr., and O. F. King, Houston, Tex. Floating cementing equipment. 2,116,408; May 3.
- O'Leary, Edward J., et al. (See Morgan, David G., assignor.)
- O'Leary, Eugene A., Holyoke, Mass. Waste system. 2,127,184; Aug. 16.
- O'Leary, Thomas A., Pittsburgh, Pa., assignor to Acme Protection Equipment Company. Gas mask. 2,132,433; Oct. 11.
- O'Leary, William C., Washington, D. C. Vacuum wall receptacle. 2,119,438; May 31.
- Oles Envelope Corporation. (See Oberender, J. L., and Blessing, assignors.)
- Oles, John S., Detroit, Mich. Vibration damper. 2,121,819; June 28.
- Oleson, Jens A., assignor to C. E. Johnston, Toronto, Ontario, Canada. Closure for containers. 2,107,256; Feb. 1.
- Oleson, Melvin R., Visalia, Calif. Soldering iron. 2,135,764; Nov. 8.
- Olney, Albert M., Elmwood Park, assignor to The Lake-side Central Company, Chicago, Ill. Wire coiling machine. 2,135,729; Nov. 8.
- Olin, John F., Grosse Ile, Mich., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Preparing phenolic compounds. 2,107,060; Feb. 1.



- Olin, John F., and G. E. Hinds, Grosse Ile, Mich., assignors to The Sharples Solvents Corporation, Philadelphia, Pa. Halogenation of aliphatic alcohols. 2,122,110; June 28.
- Olin, John M., Alton, assignor to Western Cartridge Company, East Alton, Ill. Loaded small caliber rifle cartridge. 2,106,107; Jan. 18.
- Olin, John M., Alton, assignor to Western Cartridge Company, East Alton, Ill. Shot shell. 2,116,843; May 10.
- Olin, John M., Alton, Ill., and P. A. Smith, Hamden, assignors to Winchester Repeating Arms Company, New Haven, Conn. Manufacture of shot. 2,113,279; Apr. 5.
- Olin, John M., Alton, Ill., and P. A. Smith, Hamden, assignors to Winchester Repeating Arms Company, New Haven, Conn. Manufacturing shot. 2,113,280; Apr. 5.
- Olin, Robert R., Akron, assignor to The Worthington Ball Company, Elyria, Ohio. Rubber compositions. 2,109,948; Mar. 1.
- Oliva, Domenic, Lincoln, assignor of forty per cent to J. Puglise, Roseville, Calif. Loading and unloading device. 2,132,082; Oct. 4.
- Oliver, Alfred J., Milford, Mass. Orthodontic model former. 2,122,213; June 28.
- Oliver, Edward W., et al. (See Sievers, Albert J., Jr., assignor.)
- Oliver Farm Equipment Company. (See Altgelt, Herman E., assignor.)
- Oliver Farm Equipment Company. (See Altgelt, Herman E. and R. J., assignors.)
- Oliver Farm Equipment Company. (See Gemberling, Cameron H., assignor.)
- Oliver, Geffrod B., Springfield, assignor to Nashua Manufacturing Company, Boston, Mass. Lap robe for motor vehicles. 2,107,493; Feb. 8.
- Oliver, George E., Brooklyn, N. Y. Visitors' speaking device for jails. 2,113,800; Apr. 12.
- Oliver, Guy C., Glendale, Calif. Core barrel. 2,134,886; Nov. 1.
- Oliver, Harlyn D., Detroit, Mich. Garment bagging machine. 2,132,995; Oct. 11.
- Oliver, James H., Alden, Pa., assignor to General Electric Company. Supervisory control system. 2,107,902; Feb. 8.
- Oliver, John R., Lisbon, Ohio. Spectacles and the like. 2,109,949; Mar. 1.
- Oliver Machinery Co. (See Sandberg, Oscar, assignor.)
- Oliver, Osmer F., assignor to The Tri Dermis Company, Akron, Ohio. Skin protectant composition. 2,120,569; June 14.
- Oliver United Filters Incorporated. (See Martel, James P., assignor.)
- Oliver United Filters Incorporated. (See Watson, Lloyd W., assignor.)
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake system. 2,106,757; Feb. 1.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure brake system. 2,106,758; Feb. 1.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Braking system. 2,115,230; Apr. 26.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake. 2,120,676; June 14.
- Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Valved coupling for hydraulic brakes. 2,120,677; June 14.
- Oliver, Wallace F., Detroit, Mich., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Transmission. 2,130,855; Sept. 20.
- Oliver, Walter E., Somerville, Mass. Manifold pack. 2,121,096; June 21.
- Oliver, William J., Los Angeles, Calif. Steak pounder. 2,109,434; Feb. 22.
- Oliveri, John, New York, N. Y. Advertising and apparatus for use in connection therewith. 2,139,281; Dec. 6.
- Oliveros, Reginald P. (See Tiddy, W., Hughes, and Oliveros.)
- Olley, Maurice, assignor to General Motors Corporation, Detroit, Mich. Automobile suspension system. 2,130,288; Sept. 13.
- Olmstead, Frederick A., Cleveland Heights, Ohio, assignor to The Hodel Chain Company. Antiskid device. 2,107,545; Feb. 8.
- Olpin, Henry C., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial materials. 2,133,470; Oct. 18.
- Olschlager, Henry L., and A. J. Ellis, Columbiana, assignors to The Kenmar Manufacturing Company, East Palestine, Ohio. Furniture base. 2,137,923; Nov. 22.
- Olsen, Aksel G., Newtonville, Mass., and R. Stuewer, Battle Creek, Mich., assignors to General Foods Corporation, New York, N. Y. Preparing pectin. 2,132,577; Oct. 11.
- Olsen, Andrew, Jr. (See Robinson, R. W., and Olsen.)
- Olsen, Carl E., and J. A. Peterson, Houston, Tex. Tong. 2,108,971; Feb. 22.
- Olsen, Einar. (See Schlappitz, E. W., Olsen, and Olsen, Frederick, East Alton, Ill., assignor to The Cellulose Research Corporation. Impregnating wood chips. 2,137,779; Nov. 22. Tallmadge.)
- Olsen, Fredrich, and G. C. Tibbitts, Alton, assignors to Western Cartridge Company, East Alton, Ill. Propellant powder. 2,111,075; Mar. 15.
- Olsen, Hans, Everett, Wash. Bench vise. 2,114,637; Apr. 19.
- Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Belt fastener for side driving or V-belts. 2,111,053; Mar. 15.
- Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Belt fastener. 2,113,855; Apr. 12.
- Olsen, John J., San Francisco, Calif. Wall construction. 2,128,497; Aug. 30.
- Olsen, Niels H. F., assignor to Ford Motor Company, Dearborn, Mich. Spring construction. 2,141,220; Dec. 27.
- Olsen, Tinius, Testing Machine Company. (See Lewis, Bruce L., assignor.)
- Olsen, Tinius, Testing Machine Company. (See Lewis, Robert B., assignor.)
- Olsen, Tinius, Testing Machine Company. (See Lundgren, Jacob, assignor.)
- Olsen, Tinius, Testing Machine Company. (See Sivertsen, Jens, assignor.)
- Olsenmark Corporation. (See Smart, Alfred W., assignor.)
- Olshansky, Nathan, Stamford, Conn. Contact plug. 2,136,057; Nov. 8.
- Olshesky, Dimitry E., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Connecting device. 2,125,396; Aug. 2.
- Olson, Alex H. (See Droll, J. W., and Olson.)
- Olson, Andrew O., Snohomish, Wash. Dragline rock scraper. 2,129,955; Sept. 13.
- Olson, Arthur. (See Conner, H. B., and Olson.)
- Olson, Arthur T., Omaha, Nebr. Poultry coop. 2,123,239; July 12.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Locking means for screw threaded fasteners. 2,112,494; Mar. 29.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Lock washer. 2,112,495; Mar. 29.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Threaded fastener. 2,113,600; Apr. 12.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Thread forming fastener. 2,122,915; July 5.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Gear testing machine. 2,124,119; July 19.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Locking device. 2,128,429; Aug. 30.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Fastening. 2,128,757; Aug. 30.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Screw. 2,129,440; Sept. 6.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Tapping screw. 2,136,458; Nov. 15.
- Olson, Carl W. (See Colony, Roy H., assignor.)
- Olson, Charles E., Bridgeport, Conn. Dynamometer. 2,111,801; Mar. 22.
- Olson, Charles S. (See Miller, V. A., and Olson.)
- Olson, Elmer. (See Hunt, S. F., Olson, and Wirth.)
- Olson, Frederick F. (See Diller, A. L., and Olson.)
- Olson, Gilbert, assignor to Sanitary Mattress Company, Minneapolis, Minn. Mattress and making. 2,105,224; Jan. 11.
- Olson, Gordon L., Arlington, Mass. Variable speed transmission. 2,139,560; Dec. 6.
- Olson, Harry F., Collingswood, N. J., assignor to Radio Corporation of America. Device for transforming acoustical energy into electrical energy. 2,106,224; Jan. 25.
- Olson, Harry F., Collingswood, and F. Massa, Oaklyn, N. J., assignors to Radio Corporation of America. Microphone. 2,113,219; Apr. 5.
- Olson, Harry F., Collingswood, N. J., and B. Kreuzer, Rockaway Park, N. Y., assignors to Radio Corporation of America. Microphone and circuit. 2,119,345; May 31.
- Olson, Herbert E., St. Joseph, Mich., assignor to Reo Motor Car Company. Vibration damper. 2,115,427; Apr. 26.
- Olson, Johan H., Larchmont, assignor to M. H. Treadwell Company, New York, N. Y. Conveying apparatus for hot materials. 2,141,694; Dec. 27.
- Olson, John, and M. O. Smaaladen, Aneta, N. Dak. Grain binder. 2,104,374; Jan. 4.
- Olson, John B., and J. P. Bethke, assignors to James Manufacturing Company, Fort Atkinson, Wis. Window frame and sash. 2,141,874; Dec. 27.
- Olson, John W., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Conductor covering, method and compound for treatment thereof. 2,125,836; Aug. 2.
- Olson, Joseph F., Portland, Ore. Mounting and supporting a saw. 2,125,395; Aug. 2.
- Olson, Ole N., Moorhead, Minn. Battery identification tag. 2,123,956; July 19.
- Olson, Oscar B., St. James, Minn. Automobile spring wheel. 2,136,311; Nov. 8.
- Olson, Oscar L., Cambridge, assignor of one-half to B. E. Aurelius and E. A. Aurelius, Braham, Minn. Automatic safety switch. 2,105,611; Jan. 18.
- Olson, Phillip W., Grand Rapids, Mich. Lock. 2,115,042; Apr. 26.
- Olson, Phillip W., Grand Rapids, Mich., assignor to Automatic Instrument Company. Lock key. Re. 20,865; Sept. 20.



- Olson, Raymond E., Pittsford, assignor to Taylor Instrument Companies, Rochester, N. Y. Temperature-control system for pasteurizers. 2,135,216; Nov. 1.
- Olson, Raymond E., and K. L. Tate, assignors to Taylor Instrument Companies, Rochester, N. Y. Thermosensitive instrument. 2,123,019; July 5.
- Olson, Raymond R., Milwaukee, Wis. Holder. 2,139,202; Dec. 6.
- Olson, Richard F. (See Westberg, H., and Olson.)
- Olson, Robert V., and W. B. Swenson, Attleboro, Mass., assignors to Mossberg Pressed Steel Corporation. Warp beam. 2,119,868; June 7.
- Olson, Theodore A., Pompton Plains, N. J., assignor to General Motors Corporation, Detroit, Mich. Gauge. 2,134,372; Oct. 25.
- Olsson, Bengt, Brooklyn, N. Y. Oil pumping apparatus. 2,118,568; May 24.
- Olsson, Bruno, St. George, N. Y. Tearing means for wrappers of cellophane and the like. 2,121,443; June 21.
- Olsson, Einar G., Oakland, Calif. Splicing device.
- Olsson, Johan G., Stockholm, Sweden. Drying various materials and means for carrying out such method. 2,137,347; Nov. 22.
- Olsson, Robert P. (See McConnell, S. V., and Olsson.)
- Olsson, Rune V. A. (See Brinck, E. J. M., and Olsson.)
- Olstad, Fritz, Millwood, Wash. Box lifter. 2,109,927; Mar. 1.
- Olsvary, Louis, Spartansburg, assignor of one-half to W. C. Michael, Connellsville, Pa. Safety device for elevators. 2,107,956; Feb. 8.
- Oltmans, Johan, Groningen, Netherlands. Manufacturing paper. 2,105,052; Jan. 11.
- Oltroge, Frederick C., assignor to Waterloo Register Company, Waterloo, Iowa. Register. 2,104,208; Jan. 4.
- Olving, Bror G., Hamden, Conn., assignor to Products Protection Corporation. Electric condenser construction. 2,107,423; Feb. 8.
- Olving, Bror G., Hamden, Conn., assignor to Products Protection Corporation. Electric condenser construction. 2,119,113; May 31.
- Olympia Büromaschinenwerke A. G. (See Salzberger, Andreas, assignor.)
- Olympia Büromaschinenwerke Aktiengesellschaft. (See Flader, Konrad, assignor.)
- Olympia Büromaschinenwerke Aktiengesellschaft. (See Tobias, Werner, assignor.)
- O'Malley, Edward, Chicago, Ill. Resurfacing valve seats. 2,130,506; Sept. 20.
- O'Malley, John F., Flushing, N. Y. Safety razor. 2,117,850; May 17.
- O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Method of and apparatus for rolling rounds. 2,105,258; Jan. 11.
- O'Mara, Richard F., Chicago, Ill., assignor, by mesne assignments, to Combustion Engineering Company, Inc. Whizzer separator and mill. 2,108,609; Feb. 15.
- O'Meara, J. Michael. (See Hall, Walter, assignor.)
- O'Meara, Robert G. (See Clemmer, J. B., and O'Meara.)
- O'Neal, George R., Washington, D. C., assignor to G. H. Hutaff, Jr., Wilmington, N. C. Eraser for typewriters. 2,107,209; Feb. 1.
- O'Neal, George R., Beltsville, Md., assignor to G. H. Hutaff, Jr., Wilmington, Del. Guard for drawers. 2,140,879; Dec. 20.
- O'Neal, Grady M. (See Frye, R., and O'Neal.)
- O'Neal, James C., Beaumont, Tex., assignor to Gulf Coast Machine & Supply Company. Full hole casing or tubing head. 2,109,031; Feb. 22.
- Oneida Limited. (See Drummond, R. W., and Rogers, assignors.)
- O'Neil, Charles M., Hopkins, Minn. Cartridge loading tool. 2,136,459; Nov. 15.
- O'Neil, Dan, Alliquippa, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Wire twisting apparatus. 2,141,661; Dec. 27.
- O'Neil, Edmund R., Gary, Ind. Ladle. 2,115,535; Apr. 26.
- O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Soldering mechanism for can bodies. 2,109,800; Mar. 1.
- O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal can body. 2,120,038; June 7.
- O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Coating sheet metal cans. 2,121,404; June 21.
- O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Side seam for metal can bodies. 2,124,004; July 19.
- O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Double sheet ejector. 2,129,230; Sept. 6.
- O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Making enameled can bodies. 2,138,807; Nov. 29.
- O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for aligning the side seams of travelling can bodies. 2,140,246; Dec. 13.
- O'Neil, James H., and W. F. Punte, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Vacuum sealed container. 2,110,093; Mar. 1.
- O'Neill, Bernard, Sheffield, England, assignor, by mesne assignments, to American Safety Razor Corporation, Brooklyn, N. Y. Blade for safety razors. 2,108,267; Feb. 15.
- O'Neill, Eugene W., and H. B. Hoskins, New York, N. Y., assignors to Cannon Mills Company, Kannapolis, N. C. Package. 2,131,699; Sept. 27.
- O'Neill, Frank, Jr., assignor to Tamper-Proof Seal Corporation, New York, N. Y. Container cover. 2,107,957; Feb. 8.
- O'Neill, Frank, Montreal, Quebec, Canada, assignor to Hartford-Empire Company, Hartford, Conn. Glassware forming machine. 2,111,296; Mar. 15.
- O'Neill, George D., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge tube or the like. 2,111,002; Mar. 15.
- O'Neill, John A., Florence, Ala. Insulin bottle holder. 2,122,722; July 5.
- O'Neill, John J., Lowell, Mass. Airplane. 2,114,606; Apr. 19.
- O'Neill, Robert F. (See Rust, N. M., and O'Neill.)
- Ong, David G. (See Kummer, Ernest W., assignor.)
- Onions, John H., and P. W. Thornhill, Leamington Spa, England; said Thornhill assignor to said Onions. Shock absorbent strut for aircraft. 2,107,494; Feb. 8.
- Onsrud Machine Works, Inc. (See Onsrud, Oscar, assignor.)
- Onsrud Machine Works, Inc. (See Onsrud, Rudolph, assignor.)
- Onsrud Machine Works, Inc. (See Onsrud, Rudolph F. and O., assignors.)
- Onsrud, Oscar. (See Onsrud, Rudolph F. and O.)
- Onsrud, Oscar, assignor to Onsrud Machine Works, Inc., Chicago, Ill. Molding machine. 2,133,331; Oct. 18.
- Onsrud, Rudolph, assignor to Onsrud Machine Works, Inc., Chicago, Ill. Automatic shaping machine. 2,107,578; Feb. 8.
- Onsrud, Rudolph F. and O., assignors to Onsrud Machine Works, Inc., Chicago, Ill. Match splint forming machine. 2,117,446; May 17.
- Ontario Research Foundation. (See Barbour, Alexander D., assignor.)
- Onwood, Andre. (See Brown, F. V., and Onwood.)
- Oosterhuis, Albert G. (See Straub, Jan, assignor.)
- Oothout, William J. (See Selley, William H., assignor.)
- Oothout, William J., Queens Village, N. Y. Lease forming mechanism. 2,111,937; Mar. 22.
- Opel, Earl E. (See Schafer, R. A., Muhl, Opel, and Beissman.)
- Open Hearth Combustion Company. (See Danforth, George L., Jr., assignor.)
- Oppland, Herman T., Minneapolis, Minn. Storm sash fastener. 2,140,849; Dec. 20.
- Opplinger, Floyd F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal plating. 2,104,269; Jan. 4.
- Opolo, Charles, Culver City, Calif. Operating lever. 2,139,094; Dec. 6.
- Oppen, Erich. (See Bantz, T., Grave, and Oppen.)
- Oppen, Erich, Hanover, and G. Grave, Frankfurt-on-the-Main-Heddernheim, Germany, assignors to American Lurgi Corporation, New York, N. Y. Apparatus for electrostatic separation. 2,127,307; Aug. 16.
- Oppenheim, Austin N., Brooklandville, Md., assignor to The B. V. D. Corporation, New York, N. Y. Undergarment. 2,138,643; Nov. 29.
- Oppenheim, René, assignor to Société Anonyme Le Carbone, Gennevilliers, France. Primary cell. 2,118,712; May 24.
- Oppenheimer Casing Company. (See Pardekooper, Garrett, assignor.)
- Oppenheimer, Elsa, New York, N. Y. Table. 2,132,515; Oct. 11.
- Oppenheimer, Josef. (See Dubilier, W., and Oppenheimer.)
- Oppenheimer, Mayer L., Baltimore, Md. Front end suspension for vehicles. 2,113,382; Apr. 5.
- Oppenheimer, Milton, El Cajon, Calif. Manuscript holder. 2,140,090; Dec. 13.
- Oppenlaender, Oskar, Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Manufacture of rayon and the like. 2,107,451; Feb. 8.
- Opperman, Otto F., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Adjustable chair. 2,133,471; Oct. 18.
- Opticolor Aktiengesellschaft. (See Gretener, Edgar, assignor.)
- Opticolor, Incorporated. (See Walde, Merrill, assignor.)
- Oram, John, Dallas, Tex. Indicator. 2,113,899; Apr. 12.
- Orchard Products Company. (See Levison, Samuel, assignor.)
- Orcutt, Arthur H., and R. J. Bullocks, assignors to The Gear Grinding Company Limited, Birmingham, England. Indexing mechanism. 2,134,234; Oct. 23.
- Orcutt, Edwin T., East Orange, assignor of one-half to Harpton Manufacturing Corporation, Newark, N. J. Non-collapsible closure for bottles. 2,118,819; May 31.
- Ordal, Erling J. (See Halverson, H. O., Wilson, and Ordal.)
- Ordway, Earl P., assignor to Union Steam Pump Company, Battle Creek, Mich. Apparatus for homogenizing liquids. 2,137,854; Nov. 22.
- Orear, Andrew G., Glendale, assignor to Trade Wind Motors, Inc., Los Angeles, Calif. Ventilating apparatus. 2,134,142; Oct. 25.



- Orebaugh, Samuel E., Des Moines, Iowa. Forced ventilator for toilet bowls. 2,126,131; Aug. 9.
- Orelup, John W. (See Isermann, S., Ohlsson, and Orelup.)
- Oriol, André-Marié. (See Picard, R., and Oriol.)
- Oriol Electric Company, The. (See Fryer, Roy C., assignor.)
- Orland, William J., Seattle, Wash. Illuminating device for swimmers. 2,115,744; May 3.
- Orloff, Arthur, Green Bay, Wis. Walking toy. 2,108,345; Feb. 15.
- Orlove, Max, Washington, D. C. Water power. 2,105,624; Jan. 18.
- Orlowsky, Wassyl, New York, N. Y. Mechanical loader and unloader. 2,105,329; Jan. 11.
- Orme, Wilbur L., Cambridge, Ohio. Table decorating unit. 2,115,962; May 3.
- Ormerod, Harold F., Yonkers, assignor to Anaconda Wire & Cable Company, New York, N. Y. Insulating compound. 2,114,028; Apr. 12.
- Ormsby, Donald D., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Differential. 2,133,112; Oct. 11.
- Ormsby, Elon A., Centerville, Calif. Crane. 2,109,304; Feb. 22.
- Orner, Arnold E., Bendersville, Pa. Vegetable slicer. 2,108,972; Feb. 22.
- OrNSTEIN, Georg, and R. Kroke, Berlin, Germany. Apparatus for indicating oxidizing gases in aqueous liquids. 2,114,234; Apr. 12.
- O'Rourke, James J., Chicago, Ill. Beach protecting barrier. 2,128,012; Aug. 23.
- O'Rourke, James R., assignor of one-third to R. E. Fristoe, and one-third to H. F. Johnson, Galveston, Tex. Damper regulator. 2,120,506; June 14.
- Orozco, Gilbert H., East Cleveland, Ohio. Treating metal stock and/or rolls during cold rolling. 2,136,725; Nov. 15.
- Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,118,619; May 24.
- Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch structure. 2,122,892; July 5.
- Orr, William S. (See Dumas, M. G., and Orr.)
- Orrison, Kelvin T., assignor of two-eighths to J. Boyle, Jr., and three-eighths to F. G. Jennings, Washington, D. C. Ice product and making the same. 2,118,796; May 24.
- Orsenigo, Alfred, Mount Vernon, N. Y. Adjustable table. 2,118,620; May 24.
- Orshansky, Elias, Jr., New York, N. Y., assignor to The Acrotorque Company, New Haven, Conn. Transmission. 2,136,886; Nov. 15.
- Örström, Gustaf, Alsten, assignor to Aktiebolaget Gerh. Årehs Mekaniska Verkstad, Stockholm, Sweden. Machine for manufacturing bags. 2,110,939; Mar. 15.
- Örström, Gustaf, Alsten, assignor to Aktiebolaget Gerh. Årehs Mekaniska Verkstad, Stockholm, Sweden. Machine for closing bags. 2,121,926; June 28.
- Ortengren, Herman A., assignor to Bower Roller Bearing Company, Detroit, Mich. Machine for honing conical surfaces. 2,105,753; Jan. 18.
- Ortensi, Ennio. (See Leeds, W. M., and Ortensi.)
- Orth, Richard T., Maplewood, N. J., assignor to Radio Corporation of America. Electron tube. 2,123,957; July 19.
- Orth, William G. (See Wheelbarger, A. S., and Orth.)
- Orthmann, August C., Milwaukee, Wis. Tanning skins. 2,115,562; Apr. 26.
- Orthner, Ludwig. (See Becker, W., and Orthner.)
- Orthner, Ludwig, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Amino acids. 2,117,207; May 10.
- Orthner, Ludwig, Frankfurt-on-the-Main, and E. Zaucker, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mercapto-thiazole derivatives. 2,106,465; Jan. 25.
- Orthner, Ludwig, Leverkusen-on-the-Rhine, and E. Zaucker, Cologne-Mulheim-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Acceleration of vulcanization of rubber. 2,110,834; Mar. 8.
- Orthner, Ludwig, Frankfurt-on-the-Main, and C. Heuck, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Addition products of glycide. 2,131,142; Sept. 27.
- Orthner, Ludwig, Leverkusen-on-the-Rhine, and E. Zaucker, Cologne-Mulheim-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Acceleration of vulcanization of rubber. 2,136,949; Nov. 15.
- Ortner, Joseph L., Cincinnati, Ohio. Combined brake beam and bottom rod support. 2,113,900; Apr. 12.
- Orton, Frederic, assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Inclining device for inclinable punch presses. 2,106,917; Feb. 1.
- Orton, William H. (See Davies, G. L., and Orton.)
- Orton, William H. (See Kear, F. G., Davies, and Orton.)
- Orvin, Lars J., Oslo, Norway. Infrared ray viewing means. 2,120,765; June 14.
- Orvold, Oluf L., St. Paul, Minn. Measuring device. 2,137,583; Nov. 22.
- Osawa, Juichi, Shibaku, Tokyo, Japan, assignor to International Standard Electric Corporation, New York, N. Y. Electrical device. 2,124,306; July 19.
- Osberghaus, Walter, Solingen, Germany. Double edged safety razor. 2,129,022; Sept. 6.
- Osborn, Hans, Bronxville, N. Y., assignor to Maywood Chemical Works, Maywood, N. J. Lead-bismuth-lithium cable sheath. 2,140,544; Dec. 20.
- Osborn, Alden E., New York, N. Y. Pipe joint. 2,104,351; Jan. 4.
- Osborn, Alden E., assignor to Simplex Improvements, Inc., New York, N. Y. Pipe or tube protector. 2,134,730; Nov. 1.
- Osborn, Alex F., Buffalo, N. Y., assignor to Magill-Weinsheimer Company, Chicago, Ill. Display device. 2,127,930; Aug. 23.
- Osborn, C. J., Company. (See Silleck, Clarence F., assignor.)
- Osborn, Carl B., Tampa, Fla. Illuminating aiming attachment for firearms. 2,140,880; Dec. 20.
- Osborn, Henry C., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Attaching printing plates. 2,115,468; Apr. 26.
- Osborn, Howard H., assignor to H. G. Fischer & Co., Inc., Chicago, Ill. Timer. 2,139,908; Dec. 13.
- Osborn, John W., assignor to Hinckley-Myers Company, Jackson, Mich. Pneumatic hammer. 2,104,468; Jan. 4.
- Osborn Manufacturing Company, The. (See Bickel, Frederic J., assignor.)
- Osborn, Perry H., Edgewood, and L. R. Harness, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Input loading characteristics of class B amplifiers. 2,140,370; Dec. 13.
- Osborn, Robert R. (See Blaylock, R. C., Bassett, Child, and Osborn.)
- Osborn, Rosa, Bear Creek, Ala. Man's shirt. 2,127,420; Aug. 16.
- Osborn, William L., and J. H. Williams, Elwood, Ind. Liquid mixer. 2,123,118; July 5.
- Osborne, C. J., Co. et al. (See Barsky, G., Klinkenstein, Rohleder, and Silleck, assignors.)
- Osborne, Frederick H., assignor to Ranco Incorporated. Refrigerator door lamp switch. 2,104,164; Jan. 4.
- Osborne, Raymond G., Los Angeles, Calif. Concentration method. 2,136,726; Nov. 15.
- Osborne, Raymond S., Sewickley, Pa. Riveting apparatus. 2,113,161; Apr. 5.
- Osborne, Sidney G., assignor to Hooker Electrochemical Company, New York, N. Y. Production of hydrogen chloride. 2,126,803; Aug. 16.
- Osborne, William B., Muncie, Ind., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Planetary gear drive. 2,115,963; May 3.
- Osborne, William B., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Planetary gear drive. 2,115,964; May 3.
- Osborne, William B., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,134,315; Oct. 25.
- Osbrink-Love, Inc. (See Osbrink, Raymond H., assignor.)
- Osbrink, Raymond H., assignor to Osbrink-Love, Inc., Los Angeles, Calif. Reflector. 2,126,971; Aug. 16.
- Oscar, Harry, New York, N. Y. Collapsible tube compressor. 2,133,754; Oct. 18.
- Oser, Alfred, Vienna, Austria. Apparatus for mounting samples on cards and the like. 2,130,776; Sept. 20.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drilling mechanism. 2,111,033; Mar. 15.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,131,188; Sept. 27.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,131,189; Sept. 27.
- Osgood Company, The. (See Owens, C. A., White, and Feicher, assignors.)
- Osgood, George H., Tacoma, Wash. Machine for making laminated panels. 2,137,505; Nov. 22.
- Osgood, George H., Tacoma, Wash. Machine for making laminated panels. 2,137,506; Nov. 22.
- Osgood, George H., and R. G. Peterson, Tacoma, Wash.; Said Peterson assignor to said Osgood. Waterproof starch-base adhesive. 2,141,313; Dec. 27.
- Osgood, Robert C., and L. A. Currier, Claremont, N. H., assignors to Sullivan Machinery Company. Scraper loading apparatus. 2,123,909; July 19.
- Osgood, Walter P., Malden, Mass. Five-roll cementing machine. 2,114,453; Apr. 19.
- Osgood, Walter P., Malden, Mass. Shoe machine. 2,130,193; Sept. 13.
- Oshel, Charles H., Detroit, Mich. Accessory air pump for motor vehicles. 2,105,259; Jan. 11.
- Oshkosh B'Gosh, Inc. (See Wittmack, Charles E., assignor.)
- Osius, Frederick J., Miami Beach, Fla. Disintegrating mixer for producing fluent substances. 2,109,501; Mar. 1.
- Oskin, Benedict, Chicago, Ill. Eye tester. 2,138,554; Nov. 29.
- Oslund, Oskar E. V., San Francisco, Calif. Scraper attachment. 2,139,769; Dec. 13.
- Osmo Garden Company, The. (See Avery, Henry C., assignor.)



- Osmun, Fred N., Houston, Tex. Pipe cutter. 2,134,796; Nov. 1.
- Osmun, Kenneth L. (See Rockwood, C. D., and Osmun.)
- Osmon, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric condenser. 2,115,916; May 3.
- Osmon, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric condenser. 2,137,411; Nov. 22.
- Osolin, Alfred, Shaker Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Tensioning assembly. 2,139,642; Dec. 6.
- Oswow, Adolph L., New York, N. Y. Electric cooker and toaster. 2,121,444; June 21.
- Ossing, Stanley F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Loader. 2,125,007; July 26.
- Ossing, Stanley F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Sewage shredder. 2,141,663; Dec. 27.
- Ossing, Stanley F., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Grinder. 2,141,664; Dec. 27.
- Ossing, Stanley F., and O. J. Feight, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Grinder. 2,141,662; Dec. 27.
- Osswald, Philipp, Hofheim (Taunus), assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing sulphamides. 2,117,626; May 17.
- Osswald, Philipp, Hofheim, and O. Scherer, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Chlorinating methyl-aromatic compounds. 2,132,361; Oct. 4.
- Östberg, Gunnar. (See Sundqvist, Gustav O., assignor.)
- Ostberg, Karl, Springfield, N. J. Adjusting cutting heights of lawn mowers. 2,140,760; Dec. 20.
- Östberg, Karl G., Stockholm, assignor to Fabriksaktiebolaget Haldstaxametern, Halmstad, Sweden. Shearing or cutting tool. 2,135,911; Nov. 8.
- Ostby and Barton Company. (See Dixon, Alfred E., assignor.)
- Osten, Joseph W., Wilmette, Ill. Radiator grille screen. 2,127,931; Aug. 23.
- Osten-Sacken, Irving C. (See Keckler, C. W., and Osten-Sacken.)
- Ostendorf, William L., Tiltonsville, Ohio. Grease gun. 2,124,077; July 19.
- Osteo Vitalizer Company. (See Monroe, Edward R., assignor.)
- Osteograf Co. (See Marshall, Hamilton L. J., assignor.)
- Osterberg, Arnold E., Rochester, Minn., assignor to The Chemical Foundation, Incorporated. Apparatus for intravenous administration of fluids. 2,138,936; Dec. 6.
- Ostergaard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Vapor-feed condenser and stabilizer. 2,134,836; Nov. 1.
- Ostergaard, Povl, Mount Lebanon, assignor, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Cracking hydrocarbon oil and recovering stabilized distillate. 2,134,926; Nov. 1.
- Ostergaard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Cracking hydrocarbon oils. 2,135,014; Nov. 1.
- Ostergaard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of gasoline and coke. 2,135,108; Nov. 1.
- Ostergaard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Cracking petroleum oils. 2,135,109; Nov. 1.
- Ostermann, Friedrich, Menden, assignor to Georg von Giesche's Erben, Breslau, Germany. Bright-pickling articles of copper-zinc alloys. 2,125,458; Aug. 2.
- Ostermann, Rudolf M., Kenilworth, Ill., and A. Williams, Munster, Ind., assignors to The Superheater Company, New York, N. Y. Feed water heating system. 2,105,817; Jan. 18.
- Ostermann, Walter, Wuppertal-Barmen, Germany, assignor to American Benberg Corporation, New York, N. Y. Manufacture of artificial silk. 2,127,984; Aug. 23.
- Osterr. Ung. Optische Anstalt C. P. Goerz Gesellschaft m. b. H. (See Raaber, Hans, assignor.)
- Osterstrom, Rudolph C., Kenilworth, assignor to The Pure Oil Company, Chicago, Ill. Treating hydrocarbon distillates. Re. 20,703; Apr. 19.
- Osterstrom, Rudolph C., Kenilworth, assignor to The Pure Oil Company, Chicago, Ill. Treating oil. 2,138,770; Nov. 20.
- Osterstrom, Rudolph C., and C. R. Wagner, assignors to The Pure Oil Company, Chicago, Ill. Polymerization of hydrocarbon gases. 2,121,258; June 21.
- Ostler, Ernest S., Park Ridge, assignor to Stromberg Electric Company, Chicago, Ill. Card rack. 2,112,925; Apr. 5.
- Ostline, John E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic switching apparatus. 2,137,507; Nov. 22.
- Ostman, Oskar A., Tikakoski, Kuikka, Finland. Case for cartridges. 2,131,412; Sept. 27.
- Ostrander, Charles H., Bloomfield, N. J. Compound to revivify wood. 2,137,948; Nov. 22.
- Ostrander, John K., Philadelphia, Pa. Electric cable. 2,106,060; Jan. 18.
- Ostrander, Richard G., New York, N. Y. Display support. 2,132,799; Oct. 11.
- Ostrander, Robert F., New Haven, Conn. Pressure control for hydraulic brakes. 2,136,706; Nov. 15.
- Ostrander, William. (See Kindelmann, A., Pearlman, and Ostrander.)
- Ostro Research Laboratories, Inc. (See Hill, A. J., and Fernald, assignors.)
- Ostrosky, James N., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Treatment of rustless iron. 2,104,667; Jan. 4.
- Ostwald, Ulrich. (See Neugebauer, W., Ostwald, and Sponsel.)
- Osuch, Francis J., assignor to Robot Products Corporation, Detroit, Mich. Book cover. 2,116,798; May 10.
- Osuch, Francis J., assignor, by mesne assignments, to Robot Products Corporation, Detroit, Mich. Combined juice extractor and mixer. 2,117,496; May 17.
- O'Sullivan, Denis T., West Orange, N. J. Grass clipper. 2,109,623; Mar. 1.
- O'Sullivan Rubber Co., The. (See Harty, William P., assignor.)
- Oswald, Charles L., Pontiac, Mich. Trap. 2,118,569; May 24.
- Oswald, Earl P., Oak Park, Mich. Electric clock. 2,114,501; Apr. 19.
- Oswald, Earl P., Ferndale, Mich. Dynamo-electric machine. 2,125,309; Aug. 2.
- Oswald, Frank G., Manhasset, assignor to John W. Masury & Son, Brooklyn, N. Y. Pigment vehicle for printing. 2,111,802; Mar. 22.
- Oswalt, Donald W., Memphis, Tenn. Support for dredging conduits. 2,117,008; May 10.
- Oswego Falls Corporation. (See Harris, Reed S., assignor.)
- Oswego Falls Corporation. (See Huntley, Robert F., assignor.)
- Oswego Falls Corporation. (See La Bombard, Leon E., assignor.)
- Oswego Falls Corporation. (See Lowry, Edward N., assignor.)
- Oswego Falls Corporation. (See Pierce, Lee D., assignor.)
- Oswego Falls Corporation. (See Price, John F., assignor.)
- Oswego Falls Corporation. (See Skinner, E. W., Wilcox, and Huntley, assignors.)
- Oswego Falls Corporation. (See Wilcox, Isaac L., assignor.)
- Oswell, Benjamin M., Los Angeles, Calif. Splash guard for electric mixing machines. 2,134,261; Oct. 25.
- Otis Company. (See Foss, Wilfred C., assignor.)
- Otis Elevator Company. (See Bruns, William H., assignor.)
- Otis Elevator Company. (See Eckerson, H. I., Flinn, and Margles, assignors.)
- Otis Elevator Company. (See Dunn, Edward L., assignor.)
- Otis Elevator Company. (See Dunn, E. L., and Bruns, assignors.)
- Otis Elevator Company. (See Hymans, Frederick, assignor.)
- Otis Elevator Company. (See Lindquist, David L., assignor.)
- Otis Elevator Company. (See Margles, Samuel G., assignor.)
- Otis Elevator Company. (See Margles, S. G., and Fabula, assignors.)
- Otis, Herbert C., Dallas, Tex. Well drilling head. 2,105,754; Jan. 18.
- Otis, Russell M. (See Fowler, A. A., and Otis.)
- Ottox Corporation, The. (See Snead, Sam, assignor.)
- Ott, Charles F., assignor to The Wellman Bronze and Aluminum Company, Cleveland, Ohio. Anode. 2,109,975; Mar. 1.
- Ott, Conrad L., and H. E. Balsiger, assignors to Landis Tool Company, Waynesboro, Pa. Automatic line bearing grinder. 2,105,841; Jan. 18.
- Ott, Conrad L., Detroit, and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Index safety device. 2,131,233; Sept. 27.
- Ott, Emil, Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Production of sulphur containing high molecular weight compounds and the products thereof. 2,137,584; Nov. 22.
- Ott, Emil, assignor to Hercules Powder Company, Wilmington, Del. Synthetic rubber composition. 2,138,192; Nov. 20.
- Ott, Frank J. (See Herrmann, C. S., and Ott.)
- Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,132,122; Oct. 4.
- Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,138,665; Nov. 29.
- Ott, Karl, Pavolding, and O. Storb, Leverkusen I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Improvements in the dyeing of textiles. 2,115,347; Apr. 29.
- Ottajovits, Alexander, assignor to R. Muhler, Vienna, Austria. Liquid fuel burner. 2,141,360; Dec. 24.
- Otto, Otto M., Trenton, Pa., assignor to Allegheny Steel Company. Making gold resistors. 2,107,187; Feb. 1.
- Ottley, John K., Atlanta, Ga. Crupper harness. 2,128,498; Aug. 30.



- Otto, Albert T., & Sons, Inc. (See Grant, Albert E., assignor.)
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Air conditioning. 2,107,386; Feb. 8.
- Otto, Dr. C., & Company, G. m. b. H. (See Beimann, Wilhelm, assignor.)
- Otto, Carl, Essen, Germany. Operation of regenerative ovens. 2,108,610; Feb. 15.
- Otto, Carl, Essen, Germany. Regenerative coke oven. 2,132,641; Oct. 11.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Refrigerating system. 2,112,344; Mar. 29.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Temperature regulation. 2,120,507; June 14.
- Otto, Karl F., Brookline, Pa. Building. 2,129,441; Sept. 6.
- Otto, Michael. (See Mueller-Cunradi, M., Otto, Daniel, and Werner.)
- Otto, Michael, and M. Mueller-Cunradi, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. High molecular weight iso-olefine polymers and producing the same. 2,130,507; Sept. 20.
- Otto, Stuart, New York, and L. Bruehl, Brooklyn, N. Y., assignors to Gas Refrigeration Corporation, Scranton, Pa. Automatic control of refrigerating apparatus. 2,137,060; Nov. 15.
- Otto William, and F. E. Scott, Kansas City, Mo. Core drill. 2,107,495; Feb. 8.
- Ottoson, Oscar, New York, N. Y. Teapot. 2,135,410; Nov. 1.
- Ötvös, Ervin, Budapest, Hungary. Apparatus for screening out secondary X-Rays with a continuously moved grid. 2,138,555; Nov. 29.
- Otwell, Ralph B., Pinckney, Mich. Collapsible plant container. 2,137,855; Nov. 22.
- Oualline, Jack K., Uvalde, Tex. Shearing machine. 2,139,846; Dec. 13.
- Ouellette, Alphonse, Rosemont, assignor to Consolidated Lithograph Manufacturing Co. Limited, Montreal, Quebec, Canada. Container. 2,105,953; Jan. 18.
- Ouellette, Edmond J., Duluth, Minn. Adjustable table. 2,107,579; Feb. 8.
- Ousheff, Dimiter I., Buffalo, N. Y. Solvent thinner and preparing the same. 2,117,990; May 17.
- Outboard, Marine & Manufacturing Company. (See Briggs, Stephen F., assignor.)
- Outboard Marine & Manufacturing Company. (See Conover, Warren C., assignor.)
- Outboard, Marine & Manufacturing Company. (See Harmon, Lloyd J., assignor.)
- Outboard, Marine & Manufacturing Company. (See Irgens, Finn T., assignor.)
- Outboard Motors Corporation. (See Irgens, Finn T., assignor.)
- Outserts, Incorporated. (See Brown, Robert R., assignor.)
- Ouwkerk, Han, Amsterdam, Netherlands, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Collapsible display device. 2,113,287; Apr. 5.
- Ouwkerk, Han, Amsterdam, Netherlands, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Collapsible display device. 2,113,288; Apr. 5.
- Overacker, Horace E., Palo Alto, assignor of one-half to H. N. Kalb, San Francisco, Calif. Interference attenuator. 2,132,044; Oct. 4.
- Overall, Ernest C., Gonzales, Tex. Pump. 2,122,823; July 5.
- Overbaugh, Walter V., Fishkill, assignor to The Texas Company, New York, N. Y. Continuous filtration of wax bearing oil. 2,115,211; Apr. 26.
- Overgaard, Odd. (See Nashe, L., and Overgaard.)
- Overguard, Christian A., North Olmsted, Ohio, assignor of one-half to E. Swanson. Pipe threading die or tool. 2,126,343; Aug. 9.
- Overholt, Lloyd F. (See Baker, D. B., and Overholt.)
- Overholtz, George D., assignor to The Tiffin Art Metal Company, Tiffin, Ohio. Signboard mold frame. 2,116,844; May 10.
- Overly, Elmer G., Oakmont, Pa. Mailing container. 2,104,352; Jan. 4.
- Overly, Elmer G., Greensburg, Pa., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Machine for making window envelopes. 2,126,804; Aug. 16.
- Overly, Elmer G., Oakmont, Pa. Corded edge article. 2,138,610; Nov. 29.
- Overman, Marion M. (See Barr, J. L., and Overman.)
- Overmier, Emmons, La Grange, S. E. Bates, Chicago, and T. E. Rodman, Glencoe, assignors, by mesne assignments, to Poor & Company, Chicago, Ill. Derailler. 2,138,504; Nov. 29.
- Overmyer, George J., Tulsa, Okla. Closure for jars and the like. 2,135,834; Nov. 8.
- Overpeck, Harvey M., Philadelphia, Pa. Ladder leveling attachment. 2,127,884; Aug. 23.
- Overstrom, Gustave A., Big Sur, Calif. Stretching apparatus for screen cloths. 2,136,950; Nov. 15.
- Overstrom, Gustave A., Big Sur, Calif. Vibratory structure. 2,136,951; Nov. 15.
- Oviatt, James, Los Angeles, Calif. Shirt. 2,106,412; Jan. 12.
- Oviatt, James, Los Angeles, Calif. Trousers. 2,123,060; July 5.
- Ovitz, Frank K. (See Adams, E. W., Ovitz, and Wiley.)
- Ow, Joseph W., Wilkinsburg, and E. K. Read, East Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,140,371; Dec. 13.
- Owen, Allison D., Berkeley, assignor to National Oil Seal Co., Oakland, Calif. Fluid seal. 2,123,079; July 5.
- Owen, Frederick C., Fayetteville, N. C. Transformer. 2,136,863; Nov. 15.
- Owen, Jack C., Carlsbad, N. Mex., assignor to The Guiberson Corporation, Dallas, Tex. Drilling apparatus. 2,109,828; Mar. 1.
- Owen, George W., Forest Hills, N. Y. Illuminated sign. 2,130,023; Sept. 13.
- Owen, James E., and G. W. Bryson, Asheville, N. C., assignors to American Devices, Incorporated. Loading device. 2,119,139; May 31.
- Owen, James P., Nashville, Tenn. Roller blotter. 2,118,939; May 31.
- Owen, John J. (See Richardson, R. W., and Owen.)
- Owen, William. (See Heichert, H. S., and Owen.)
- Owen, William. (See Nash, A. D., and Owen.)
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double window construction. 2,106,900; Feb. 1.
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for bending glass sheets. 2,111,370; Mar. 15.
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Store front construction. 2,114,722; Apr. 19.
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double window construction. 2,125,397; Aug. 2.
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Mirror plating apparatus. 2,128,713; Aug. 30.
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Mirror plating apparatus. 2,128,714; Aug. 30.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for case hardening glass. 2,134,797; Nov. 1.
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plate glass surfacing table. 2,134,798; Nov. 1.
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Making sheet glass. 2,137,117; Nov. 15.
- Owen, William H., Chicago, Ill. Mold and making same. 2,120,526; June 14.
- Owen, William L., Baton Rouge, La., assignor to The Lummus Company, New York, N. Y. Bacteria yeast process of bread manufacture. 2,104,054; Jan. 4.
- Owens, Bengeman B., Van Nuys, assignor to Bank of America National Trust and Savings Association, Los Angeles, Calif. Valve. 2,136,707; Nov. 15.
- Owens, Charles, Chattanooga, Tenn. Orthopedic instrument. 2,107,081; Feb. 1.
- Owens, Clifford A., F. L. White, and E. I. Beicher, assignors to The Osgood Company, Marion, Ohio. Road roller. 2,127,485; Aug. 16.
- Owens, Freeman H., New York, N. Y. Control means. 2,117,254; May 10.
- Owens-Illinois Can Company. (See Hermani, Henry, assignor.)
- Owens-Illinois Can Company. (See Leonhart, William F., assignor.)
- Owens-Illinois Glass Company. (See Anderegg, Frederick O., assignor.)
- Owens-Illinois Glass Company. (See Baird, F. J., and Simson, assignors.)
- Owens-Illinois Glass Company. (See Barnby, Herbert A., assignor.)
- Owens-Illinois Glass Company. (See Bauer, John E., assignor.)
- Owens-Illinois Glass Company. (See Benoit, Joseph P., assignor.)
- Owens-Illinois Glass Company. (See Bone, H. M., and Williams, assignors.)
- Owens-Illinois Glass Company. (See Busch, Frank B., assignor.)
- Owens-Illinois Glass Company. (See Carvalho, Leslie R. N., assignor.)
- Owens-Illinois Glass Company. (See Cone, Carroll, assignor.)
- Owens-Illinois Glass Company. (See Denelsbeck, David, assignor.)
- Owens-Illinois Glass Company. (See Desser, Michael S., assignor.)
- Owens-Illinois Glass Company. (See Forster, Alfred L., assignor.)
- Owens-Illinois Glass Company. (See Hazelton, Benjamin F., Jr., assignor.)
- Owens-Illinois Glass Company. (See Kleits, D., and Thomas, assignors.)
- Owens-Illinois Glass Company. (See Lakso, Eino E., assignor.)
- Owens-Illinois Glass Company. (See Lauck, A. G., and Johnson, assignors.)
- Owens-Illinois Glass Company. (See McBurney, James E., assignor.)
- Owens-Illinois Glass Company. (See Myers, Frank L., assignor.)



- Owens-Illinois Glass Company. (See Plummer, Jesse H., assignor.)
- Owens-Illinois Glass Company. (See Postlethwaite, Basil L., assignor.)
- Owens-Illinois Glass Company. (See Simonton, Warren R., assignor.)
- Owens-Illinois Glass Company. (See Simpson, Donald C., assignor.)
- Owens-Illinois Glass Company. (See Slayter, Games, assignor.)
- Owens-Illinois Glass Company. (See Slayter, G., and Thomas, assignors.)
- Owens-Illinois Glass Company. (See Slayter, G., and Tucker, assignors.)
- Owens-Illinois Glass Company. (See Soubier, Leonard D., assignor.)
- Owens-Illinois Glass Company. (See Tucker, Jesse L., assignor.)
- Owens-Illinois Glass Company. (See Vogt, Clarence W., assignor.)
- Owens-Illinois Glass Company. (See Welhart, Charles, assignor.)
- Owens-Illinois Glass Company. (See Zimmerman, W. P., and Holmes, assignors.)
- Owens-Illinois Pacific Coast Company. (See Griswold, Hugh T., assignor.)
- Owens, James S., J. S. Peake, and R. G. Fowler, assignors to The Dow Chemical Company, Midland, Mich. Purifying carbon or graphite. 2,117,497; May 17.
- Owens, Jesse C., Los Angeles, Calif. Carpet stretcher. 2,108,506; Feb. 15.
- Owens, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Switch mechanism. 2,141,278; Dec. 27.
- Owens, Orville R., assignor to Wells-Gardner & Company, Chicago, Ill. Round corner. Re. 20,787; July 5.
- Owens, Orville R., assignor to Wells-Gardner & Company, Chicago, Ill. Bent plywood. 2,128,783; Aug. 30.
- Owler, Albert J., Northbridge, Mass., assignor to American Supply Company, Central Falls, R. I. Hook lease reed. 2,117,909; May 17.
- Owler, Thomas D., Chicago, Ill., assignor, by mesne assignments, to S. Karpen & Bros. Revolving seat. 2,106,650; Jan. 25.
- Owsley, Ollie M., Haddon Heights, N. J., assignor to Radio Corporation of America. Oscillator. 2,117,101; May 10.
- Owsley, William D., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Cementing equipment for wells. 2,104,270; Jan. 4.
- Ox Fibre Brush Company. (See Lipps, William D., assignor.)
- Ox Fibre Brush Company. (See Morrison, John, assignor.)
- Oxford, Carl J., Detroit, and J. Nelson, Berkley, assignors to National Twist Drill & Tool Company, Detroit, Mich. Boring tool. 2,120,622; June 14.
- Oxford, Carl J., Detroit, and J. Nelson, Berkley, assignors to National Twist Drill & Tool Company, Detroit, Mich. Rotary tool. 2,120,623; June 14.
- Oxford Paper Company. (See Carpenter, L. A., and Schreiner, assignors.)
- Oxford Paper Company. (See Heritage, Clark C., assignor.)
- Oxford Paper Company. (See Sorensen, Elmar, assignor.)
- Oxford Varnish Corporation. (See Gundlach, Howard F., assignor.)
- Oxford Varnish Corporation. (See Hamant, Edward W., assignor.)
- Oxford Varnish Corporation. (See King, Orville D., assignor.)
- Oxford Varnish Corporation. (See Soule, George M., assignor.)
- Oxley, Horace F. (See Thomas, E. B., and Oxley.)
- Oxweld Acetylene Company. (See Chadwick, Cecll G., assignor.)
- Oxweld Acetylene Company. (See Dawson, Joseph R., assignor.)
- Oxweld Acetylene Company. (See Lytle, Arthur R., assignor.)
- Oxweld Railroad Service Company. (See Hunter, Percival, Jr., assignor.)
- Oxygen Equipment and Service Co. (See Straw, Clay C., assignor.)
- Oyen, Chris, Hoboken, N. J. Speed indicator. 2,111,403; Mar. 15.
- Oyen, Cornelius V., Chicago, Ill. Liquid gauge. 2,121,743; June 21.
- Oyster, Earl F. (See Spikerman, F. T., and Oyster.)
- Ozark Chemical Company. (See Abbott, F. C., and Doennecke, assignors.)
- Ozark Chemical Company. (See Davis, S. H., Doennecke, and Douglass, assignors.)
- Ozawa, Akinari, Omori ku, Tokyo, assignor to Hikari Shoji Kabushiki Kaisha, Tokyo, Japan. Making "urushi" or Japanese lacquer films having pictures or letters. 2,131,330; Sept. 27.
- Ozburn, Floyd A., Los Angeles, Calif. Fish lure. 2,125,630; July 26.
- P. I. V. Ketten and Getriebe G. m. b. H., Firm. (See Maurer, Albrecht, assignor.)
- Paasche, Fritz, Berlin Charlottenburg, Germany, assignor to General Electric Company. Sealing means for high frequency concentric cables. 2,123,061; July 5.
- Paasche, Jens A., Wilmette, Ill. Spray treating apparatus. 2,110,052; Mar. 1.
- Paasche, Jens A., Wilmette, Ill. Surface treating apparatus. 2,114,723; Apr. 19.
- Paasche, Jens A., Wilmette, Ill. Carburetor. 2,126,132; Aug. 9.
- Paasche, Jens A., Wilmette, Ill. Airbrush. 2,139,133; Dec. 6.
- Pabodie, Robert R., assignor to J. F. Pritchard & Company, Kansas City, Mo. Louver construction for cooling towers. 2,107,496; Feb. 8.
- Pacewick, Albert J., Chicago, Ill. Lock. 2,115,784; May 3.
- Pacher, Adolph C., East Hartford, Conn. Lathe dog. 2,129,476; Sept. 6.
- Pacific Alkali Company. (See Dolley, Paul T., assignor.)
- Pacific Clay Products. (See Washo, William, assignor.)
- Pacific Coast Borax Company. (See Beik, Frederick A., assignor.)
- Pacific Coast Borax Company. (See Cramer, T. M., and Connell, assignors.)
- Pacific Coast Engineering Company. (See Sjoberg, John G., assignor.)
- Pacific Electric Manufacturing Corporation. (See Brock, Arnold E., assignor.)
- Pacific Electric Manufacturing Corporation. (See Schwager, August C., assignor.)
- Pacific Electric Manufacturing Corporation. (See Schwager, A. C., and Frehner, assignors.)
- Pacific Machinery Company. (See Jepson, Percy, assignor.)
- Pacific Manifolding Book Company. (See Stevens, Harry, assignor.)
- Pacific Mills. (See Barnard, K. H., and McLean, assignors.)
- Pacific Minerals Company. (See Price, Forest W., assignor.)
- Pacific Pump Works. (See Bigelow, G. E., and Wels, assignors.)
- Pack, Herschel G., Salt Lake City, Utah. Thermoelectric converter. 2,126,656; Aug. 9.
- Package Machinery Company. (See Smith, Elmer L., assignor.)
- Package Machinery Company. (See Smith, E. L., and Wetsel, assignors.)
- Packard Motor Car Company. (See Bare, Erwin L., assignor.)
- Packard Motor Car Company. (See Best, Frank C., assignor.)
- Packard Motor Car Company. (See Bogardus, Leonard R., assignor.)
- Packard Motor Car Company. (See Brown, Robert N., assignor.)
- Packard Motor Car Company. (See Edwards, Herbert C., assignor.)
- Packard Motor Car Company. (See Griswold, Walter R., assignor.)
- Packard Motor Car Company. (See Hammerl, Jacob, assignor.)
- Packard Motor Car Company. (See Hierta, Hans, assignor.)
- Packard Motor Car Company. (See Kellogg, Ralph S., assignor.)
- Packard Motor Car Company. (See Knapp, Archer L., assignor.)
- Packard Motor Car Company. (See Krebs, Henry, assignor.)
- Packard Motor Car Company. (See Miller, Pearle N., assignor.)
- Packard Motor Car Company. (See Paton, Clyde R., assignor.)
- Packard Motor Car Company. (See Rossmann, Peter F., assignor.)
- Packard Motor Car Company. (See Thomas, Robert J., assignor.)
- Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
- Packard Motor Car Company. (See Van Ranst, Cornelius W., assignor.)
- Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
- Packard Motor Car Company. (See Ware, Marsden, assignor.)
- Packard Motor Car Company. (See Wiegman, Clarence H., assignor.)
- Packard, Roland A., assignor to Smith Paper, Inc., Lee, Mass. Paper manufacture. 2,123,958; July 19.
- Packer, Henry W., et al. (See Estes, Joseph H., assignor.)
- Packers Tar Soap, Inc. (See Webber, Calvin R., assignor.)
- Packless Metal Products Corporation. (See Guarnaschelli, Stephen, assignor.)
- Paddford, Lester E., North Arlington, and A. F. Wilson, Montclair, assignors to Central Stamping Company, Newark, N. J. Dustpan. 2,122,948; July 5.
- Paden, Alonzo E., Youngstown, assignor of one-half to J. E. Dutton, Poland, Ohio. Doorknob and plate. 2,131,037; Sept. 27.
- Paden, William L., and O. G. Saunders, Dayton, assignors, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio. Register. 2,114,502; Apr. 19.



- Paden, William L., and O. G. Saunders, Dayton, assignors, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio. Register. 2,119,684; June 7.
- Padgett, Frederick W., Ridley Park, assignor to Sun Oil Company, Philadelphia, Pa. Filtering method and apparatus. 2,111,720; Mar. 22.
- Padgett, Joseph E., Toledo, Ohio. Universal joint. 2,107,497; Feb. 8.
- Padgett, Joseph E., Toledo, Ohio. Automatic power transmitting mechanism. 2,115,212; Apr. 26.
- Padgett, Joseph E., Toledo, Ohio. Gauging apparatus. 2,126,495; Aug. 9.
- Padgett, Joseph E., Toledo, Ohio. Automatic power transmitting mechanism. 2,138,980; Dec. 6.
- Padgett, Joseph E., Toledo, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorbing means. 2,111,192; Mar. 15.
- Padgett, Joseph E., Toledo, Ohio, assignor to Automatic Drive & Transmission Company, New York, N. Y. Automatic clutch mechanism. 2,111,721; Mar. 22.
- Padgett, Joseph E., Toledo, Ohio, assignor to Automatic Drive & Transmission Company, New York, N. Y. Automatic power transmitting mechanism. 2,111,722; Mar. 22.
- Padgett, Walter C., Kansas City, Mo. Time switch. 2,126,496; Aug. 9.
- Padowicz, Henry N., Bloomfield, assignor to Sirian Wire and Contact Company, Newark, N. J. Hard metal alloy and making the same. 2,119,487; May 31.
- Padowicz, Henry N., Bloomfield, assignor to Sirian Wire and Contact Company, Newark, N. J. Alloys and making same. 2,119,488; May 31.
- Padula, Louis J. (See Hawley, George W., assignor.)
- Padula, Thomas, Jersey City, N. J. Apparatus for supplying ink in printing presses. 2,115,081; Apr. 26.
- Padva, Philip, Los Angeles, and L. J. Cannon, Taft, assignors to Cannon & Co., Los Angeles County, Calif. Automatic line tracker. 2,121,211; June 21.
- Paesani, Romolo, Detroit, Mich. Welding-electrode holder. 2,111,803; Mar. 22.
- Pagan, John W. (See Thompson, N. A. D., and Pagan.)
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Independent needle knitting machine. 2,129,148; Sept. 6.
- Page, Albert E. and F. R., Brooklyn, assignors to Scott & Williams, Incorporated, New York, N. Y. Machine and making knitted fabric. 2,117,208; May 10.
- Page, Alfred E., assignor to W. & T. Avery Limited, Birmingham, England. Automatic apparatus for weighing material flowing in a continuous stream. 2,134,669; Oct. 25.
- Page, Alphonse E., Niagara Falls, N. Y. Bowling game. 2,118,383; May 24.
- Page, Charles E., Lorain, Ohio, assignor, by mesne assignments, of part interest to Lyon Incorporated, Detroit, Mich. Tire cover. 2,109,681; Mar. 1.
- Page Displays, Inc. (See Page, Frank C. B., assignor.)
- Page, Ernest, Market Place, London, England. Window regulator. 2,114,235; Apr. 12.
- Page, Frank C. B., assignor to Page Displays, Inc., New York, N. Y. Advertising device. 2,122,153; June 28.
- Page, Frank R. (See Page, Albert E. and F. R.)
- Page, George A., Philadelphia, assignor to Autogiro Company of America, Willow Grove, Pa. Control means for aircraft with rotative wings. 2,111,804; Mar. 22.
- Page, Herbert E., Syracuse, N. Y. Typewriter mechanism. 2,129,866; Sept. 13.
- Page, James M., Jr., Casper, Wyo., assignor to Standard Oil Company, Chicago, Ill. Refining mineral lubricating oils. 2,129,282; Sept. 6.
- Page, John E., Sydney, New South Wales, Australia, assignor to president and directors of the Manhattan Company, trustee. Container. 2,115,745; May 3.
- Page, John E., Sydney, Australia, assignor to President and Directors of the Manhattan Company, as trustee for Gibson-Patent Containers, Ltd. Container cover. 2,134,984; Nov. 1.
- Page, Leslie M., assignor to Beatty-Page, Inc., New York, N. Y. Hat sweat band. 2,115,965; May 3.
- Page, Paul E., Montreal, Quebec, assignor to L. R. Desmarteaux, London, Ontario, Canada. Vacuum cleaner. 2,136,312; Nov. 8.
- Page, Ralph E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Punch. 2,107,161; Feb. 1.
- Page, Valentine, Birmingham, assignor to Tri-Velox Gears Limited, Coventry, England. Change-speed gearing for chain-driven vehicles. 2,117,116; May 10.
- Page, Walter, Scarsdale, and B. E. Taylor, Mount Vernon, assignors to The Borden Company, New York, N. Y. Apparatus for treating canned liquids. 2,119,346; May 31.
- Page, Walter, Scarsdale, and B. E. Taylor, Mount Vernon, assignors to The Borden Company, New York, N. Y. Apparatus for treating liquids. 2,119,347; May 31.
- Page, William M., Marblehead, Mass. Shoemaking. 2,126,276; Aug. 9.
- Pageman, Rudolph, et al. (See Fisher, Robert P., assignor.)
- Pagenkopf, Walter H., La Grange, assignor to Teletype Corporation, Chicago, Ill. Tool holder. 2,105,330; Jan. 11.
- Pages, André P. (See Gardere H., and Pages.)
- Paget, Bertie K., Cleveland, Ohio. Ventilator. 2,134,143; Oct. 25.
- Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Corporation. Air compressor unit. 2,122,656; July 5.
- Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,127,527; Aug. 23.
- Paggi, Louis, Belleville, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of laminated glass. 2,113,767; Apr. 12.
- Paghchoian, Garabed, Waverley, Mass. Composition of matter for artificial stone. 2,104,353; Jan. 4.
- Paige, Arthur E., Philadelphia, Pa. Underfeed fire pot. 2,106,621; Jan. 25.
- Paige, Arthur E., Philadelphia, Pa. Forming hollow articles electrolytically. 2,137,806; Nov. 22.
- Paige, Arthur E., Philadelphia, Pa. Dispensing apparatus. 2,141,015; Dec. 20.
- Paige, Richard E., Flushing, N. Y. Display device. 2,113,432; Apr. 5.
- Paige, Samuel W., Spout Spring, Va. Shade roller operating means. 2,114,568; Apr. 19.
- Pailard, E., & Cie, S. A. (See Prezioso, Giuseppe, assignor.)
- Pailard, Maurice. (See Wahl, A., and Pailard.)
- Pailin, George, Higher Openshaw, Manchester, England, assignor to General Electric Company. Cleating or anchoring system for multiple electric wires or pipes. 2,110,528; Mar. 8.
- Paine, Howard S., Chevy Chase, Md., and K. Ward, Jr., Washington, D. C., dedicated to the free use of the people of the United States. Preparation of adhesives from starchy vegetable matter. 2,124,994; July 26.
- Paine, Howard S., Chevy Chase, Md., and E. Yanovsky, Washington, D. C.; dedicated to the free use of the People of the United States of America. Sweetpotato sirup. 2,126,133; Aug. 9.
- Paine, James M., Harlingen, Tex. Greasing rack. 2,135,765; Nov. 8.
- Paine, Sumner E., McKeesport, Pa., assignor to National Tube Company. Welding. 2,133,058; Oct. 11.
- Painter, Roy S., Hannibal, Mo., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing and trimming machine. 2,108,138; Feb. 15.
- Painter, Roy S., Hannibal, Mo., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimming machine. 2,108,139; Feb. 15.
- Fairpoint Corporation, The. (See Tonelli, Ethil, assignor.)
- Paist, Walter D. (See Andersen, B., and Paist.)
- Palace Travel Coach Corporation. (See Arehart, David D., assignor.)
- Palen, Matthew A., Washington, D. C. Internal combustion engine. 2,125,195; July 26.
- Palfreeman, Herbert, Manchester, and N. V. S. Knibbs, Kent, England. Production of quinone and hydroquinone. 2,130,151; Sept. 13.
- Pallas Apparate G. m. b. H. (See Schüttler, Paul, assignor.)
- Pallas, Manuel A., New York, N. Y. Garment clasp. 2,118,475; May 24.
- Pallas, Vernon R., Cortland, N. Y. Surface abrasive and polishing machine. 2,105,612; Jan. 18.
- Palley, James L., Pittsburgh, and E. Werner, Bellevue, assignors to Palley Manufacturing Company, Pittsburgh, Pa. Cabinet and the like. 2,126,134; Aug. 9.
- Palley, James L., and E. Werner, assignors to Palley Manufacturing Company, Pittsburgh, Pa. Cabinet and the like. 2,126,135; Aug. 9.
- Palley Manufacturing Company. (See Palley, J. L., and Werner, assignors.)
- Palm, Blake, Washington, D. C. Elevator construction. 2,107,210; Feb. 1.
- Palm Bros. Decalcomania Co., The. (See Palm, Max J., Jr., assignor.)
- Palm Bros. Decalcomania Co., The. (See Shields, William H., assignor.)
- Palm, John V. O., and C. E. Swartz, Cleveland Heights, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Alloy. 2,124,589; July 26.
- Palm, Max J., Jr., assignor to The Palm Bros. Decalcomania Co., Cincinnati, Ohio. Convertible color transfer. 2,137,456; Nov. 22.
- Palmer, Adelbert E. (See Price, F., and Palmer.)
- Palmer, Alphonso T., assignor of one-half to L. P. Burch, Chicago, Ill. Rail anchor. 2,139,847; Dec. 13.
- Palmer, Arthur R., et al. (See Partin, Albert, assignor.)
- Palmer, Bartlett J., and O. A. Schierenbeck, Davenport, Iowa. Uniform speed driving apparatus. 2,131,234; Sept. 27.
- Palmer, Charles, et al. (See Segal, Samuel, assignor.)
- Palmer Company, The. (See Mitchell, Curtis P., assignor.)
- Palmer, Charles M., Brooklyn, N. Y. Eyelash curler. 2,134,731; Nov. 1.
- Palmer, Chester M., Aurora, Ill. Clutch. 2,133,830; Oct. 18.
- Palmer Electric & Manufacturing Company et al. (See Bradshaw, W. M., and Johansson, assignors.)
- Palmer Electric & Manufacturing Co., The. (See Johansson, Ernest G., assignor.)
- Palmer, George B., Grosse Ile, Mich. Material handling device. 2,110,737; Mar. 8.



- Palmer, Henry F., Akron, Ohio, and G. W. Miller, Los Angeles, Calif., assignors to The Xylos Rubber Company, Akron, Ohio. Treating rubber composition. 2,123,855; July 12.
- Palmer, John H., Greenville, assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Apparatus for determining and recording the eccentricity of lead sheaths or other conducting pipe. 2,135,675; Nov. 8.
- Palmer, Joseph, Fort Worth, Tex. Brick bond gauge. 2,140,714; Dec. 20.
- Palmer, Leroy H., Bell, Calif. Definite pole alternator. 2,117,991; May 17.
- Palmer, McKinley, Beverly Hills, Calif. Piston and cylinder construction. 2,105,494; Jan. 18.
- Palmer, McKinley, Beverly Hills, Calif. Valve construction. 2,105,495; Jan. 18.
- Palmer, McKinley, Beverly Hills, Calif. Combined ventilator and air cleaner for motor vehicles. 2,105,497; Jan. 18.
- Palmer, McKinley, Los Angeles, Calif. Vacuum operated device. 2,105,496; Jan. 18.
- Palmer, Orr J. (See Anderson, Frank W., assignor.)
- Palmer, Paul C. (See Greenleaf, R. M., and Palmer.)
- Palmer, Paul C., Orlando, Fla., assignor to Duzzel Corporation, Dover, Del. Apparatus for treating food products. 2,136,118; Nov. 8.
- Palmer, Richard E., and C. S. J. MacNeil, Jr., assignor, by mesne assignments, to Curtiss-Wright Corporation, Kenmore, N. Y. Controllable pitch propeller. 2,124,078; July 19.
- Palmer, Robert, assignor to Wheeling Stamping Company, Wheeling, W. Va. Cap and tube assembly. 2,127,268; Aug. 16.
- Palmer, Robert C., and H. J. Warmuth, assignors to Newport Industries, Inc., Pensacola, Fla. Treatment of terpene alcohol-alkali metal bisulphite reaction products. 2,117,851; May 17.
- Palmer, Verne T., Tuscarora, N. Y. Resilient mount for automobile wheels. 2,119,052; May 31.
- Palmer, Louis, Wethersfield, Conn. Loosening or tightening closures. 2,132,878; Oct. 11.
- Palmgren, Eric, Saltsjöbaden, Sweden. Drying apparatus for washing and the like. 2,136,993; Nov. 15.
- Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Göteborg, Sweden. Plain bearing. 2,126,688; Aug. 9.
- Palmgren, Per G., assignor to S K F Industries, Inc., Philadelphia, Pa. Roller bearing. 2,125,648; Aug. 2.
- Palmieri, Mario, South Glastonbury, assignor of one-half to S. D. Ehrlich, Glastonbury, Conn. Ignition and priming compound. 2,132,996; Oct. 11.
- Palmieri, Mario, Chicago, and A. J. Beck, Niles Center, assignors of one-half to the Sanitary District of Chicago, Chicago, Ill. Building material and producing the same. 2,140,850; Dec. 20.
- Paloni, Dominic, Columbia, Utah. Meat lifter. 2,117,447; May 17.
- Pamel, Christ D., et al. (See Bear, Albert B., assignor.)
- Panabaker, David D., St. Mary's, Ontario, Canada. Ratchet gear mechanism. 2,121,405; June 21.
- Panagopoulos, John, Youngstown, Ohio. Beer cooler keg. 2,105,776; Jan. 18.
- Panagopoulos, John, Youngstown, Ohio. Beer drawing and cooling system. 2,141,221; Dec. 27.
- Panama Brick & Tile Company. (See Carlisle, Pitt M., assignor.)
- Panama Pump Company. (See Shores, Roy L., assignor.)
- Pan American Engineering Corporation. (See Frazee, Doniphan H., assignor.)
- Pancher, Joseph, Melba, Idaho. Tractor cultivator. 2,124,005; July 19.
- Pancoast, William. (See Forman, L. P., and Pancoast.)
- Pancott, Roberto, Nutley, N. J., assignor to Excelsior Accordion Manufacturing Co. Inc., New York, N. Y. Accordion. 2,105,365; Jan. 11.
- Pangborn Corporation. (See Bottorff, Harry F., assignor.)
- Pangborn Corporation. (See Hamren, Eric O., assignor.)
- Pangborn Corporation. (See Keefer, Walter L., assignor.)
- Pangborn Corporation. (See Rosenberger, William A., assignor.)
- Pangborn Corporation. (See Rosenberger, W. A., and Keefer, assignors.)
- Panizzon, Leandro. (See Hartmann, M., and Panizzon.)
- Panke, William F., Detroit, Mich. Apparatus for feeding and burning fuel. 2,134,887; Nov. 1.
- Pankonin, William G. (See Weber, W. F., Boa, and Pankonin.)
- Pankonin, William G., Chicago, Ill. Staple. 2,111,404; Mar. 15.
- Pankonin, William G., Chicago, Ill. Anvil for stapling devices. 2,112,926; Apr. 5.
- Pankonin, William G., Chicago, Ill. Staple. 2,140,593; Dec. 20.
- Pankonin, William G., assignor to Ace Fastener Corporation, Chicago, Ill. Stapling device. 2,140,592; Dec. 20.
- Pannonia Bányászati és Kereskedelmi r. t. (See Wilhelm, Alexander, assignor.)
- Panos, Apostole, Long Beach, Calif. Shoe stretcher. 2,104,839; Jan. 11.
- Panther, Eugene V., assignor of one-half to J. H. Miller, Baltimore, Md. Cake and pie crust perforator. 2,127,651; Aug. 23.
- Panzegrau, Norman O. (See Baker, D. B., Rogers, and Panzegrau.)
- Panzerbieter, Hans. (See Soldan, O., Panzerbieter, and Jørgensen.)
- Paolini, Mario, and F. Perco, Trieste, Italy. Power driven knife. 2,114,569; Apr. 19.
- Paolucci, Carl J., assignor of one-half to R. K. Mitchell, Millbury, Mass. Bunch builder for spinning mules. 2,125,196; July 26.
- Pape, Clifford B., and E. N. Thayer, San Jose, and T. A. Schwarz, Menlo Park, Calif. Method and apparatus for treating dried fruits. 2,107,798; Feb. 8.
- Pape, Louis F. W., and H. Umbach, Düsseldorf-Benrath, assignors to the firm Henkel & Cie. Gesellschaft mit beschränkter Haftung, Düsseldorf, Germany. Manufacture of nondepositing liquid soaps. 2,105,366; Jan. 11.
- Papac Machine Company. (See Preston, Ward H., assignor.)
- Papello, Karl, Davos, Switzerland, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Sighting device for following aerial targets. 2,105,985; Jan. 18.
- Papello, Karl, assignor to the firm of Carl Zeiss, Jena, Germany. Camoid gearing. 2,116,323; May 3.
- Papello, Karl, assignor to the firm of Carl Zeiss, Jena, Germany. Device for transmitting electric currents. 2,135,835; Nov. 8.
- Papendick, Gustav C., University City, Mo. Baked loaf fraction package and packaging. 2,104,095; Jan. 4.
- Papendick, Inc. (See Szvargulski, Alexander N., assignor.)
- Paper & Industrial Appliances, Inc. (See Kehoe, Richard D., assignor.)
- Paper & Industrial Appliances Inc. (See Thorsen, Kristen A., assignor.)
- Paper Novelty Manufacturing Co. (See Cohen, Sol D., assignor.)
- Paper Patents Company. (See Bright, Charles G., assignor.)
- Paper Patents Company. (See Catlin, John B., assignor.)
- Paper Patents Company. (See Du Bois, Horace A., assignor.)
- Paper Patents Company. (See Fourness, Charles A., assignor.)
- Paper Patents Company. (See Kellett, William R., assignor.)
- Paper Patents Company. (See Swanson, W. H., and Porter, assignors.)
- Paper Patents Company. (See Wolthuis, H., and Fourness, assignors.)
- Paper Service Company, The. (See McBean, Douglas M., assignor.)
- Paper Service Company, The. (See Rowe, W. W., and Morris.)
- Paper Service Company, The. (See Spangler, C. L., and Morris, assignors.)
- Paper Supply Company. (See Bolyard, Charles C., assignor.)
- Papercrete Limited. (See Smith, Ewen R., assignor.)
- Papeteries Navarre. (See Rey, Emile J. F., assignor.)
- Papp, George, Maspeth, N. Y., and W. Meyer, Princeton, N. J., assignors to Peters Brothers Rubber Company, Inc., Brooklyn, N. Y. Apparatus for cutting, embossing, and adhering labels. 2,123,377; July 12.
- Papp, Stephen, Tonawanda, N. Y. Electric door lock. 2,130,559; Sept. 20.
- Papst, Max, Paris, France. Door lock. 2,120,647; June 14.
- Paquette, Emile, Putnam, Conn. Ice fishing apparatus. 2,136,864; Nov. 15.
- Paquin, Frank H., Groveland, Mass. Applicator grid for cementing machines. 2,106,854; Feb. 1.
- Paquin, Max, and O. Braun, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat-dyestuff preparations for printing textiles. 2,117,623; May 17.
- Paradise, William F., Auburn, Nebr. Furnace. 2,104,096; Jan. 4.
- Para Fabrics Corporation. (See Meyer, Aubrey E., assignor.)
- Paraffine Companies, Inc., The. (See Miller, Abraham B., assignor.)
- Paragon Die Casting Company. (See Lannert, Frank, assignor.)
- Paragon Electric Company. (See Swensen, Emil E., assignor.)
- Parallex Corporation. (See Hanna, Atto N., assignor.)
- Paramount Fireworks Company. (See Holcomb, Lester F., assignor.)
- Paramount Pictures Inc. (See Pomeroy, Roy J., assignor.)
- Parazino, Anthony, Moosup, Conn. Automobile body. 2,140,968; Dec. 20.
- Parcells, M. Lloyd. (See Kroll, Martin W., assignor.)
- Parcells, Paul, Chicago, Ill., assignor to Geo. Whiting Company. Bending rolls machine. 2,106,531; Jan. 25.
- Pardee, Frank, Jr., assignor to Anthracite Separator Company, Hazleton, Pa. Lowering apparatus. 2,109,139; Feb. 22.
- Pardee, Frank, Jr., assignor to Anthracite Separator Company, Hazleton, Pa. Car dumping apparatus. 2,121,365; June 21.



- Pardee, Frank, Jr., Hazelton, Pa., and E. Curtin, Webster Springs, W. Va., assignors to Anthracite Separator Company, Hazelton, Pa. Mountinside car transportation system. 2,131,452; Sept. 27.
- Pardee, Fred W., Jr., assignor by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Absorption of hydrochloric acid in liquids. 2,127,571; Aug. 23.
- Pardee, Lloyd W., Lakewood, assignor to The Scott & Fetzer Company, Cleveland, Ohio. Suction sweeper. 2,130,325; Sept. 13.
- Pardekooper, Garrett, Ottumwa, Iowa, assignor to Oppenheimer Casing Company, Chicago, Ill. Casing-stripping machine. 2,125,950; Aug. 9.
- Paredes, Walter J., Chicago, Ill., assignor to Arlavax Manufacturing Company. Speaker. 2,137,780; Nov. 22.
- Paredes, Walter J., Chicago, Ill., assignor to Arlavax Manufacturing Company. Magnetic speaker. 2,141,820; Dec. 27.
- Parent, Edmond H. A., Paris, France. Vertical filing device for cards and other uses. 2,125,619; Aug. 2.
- Parent, Jacques A., Paris, France. Universal driving joint. 2,133,176; Oct. 11.
- Parent, Paul A. (See White, C. E., and Parent.)
- Parfentjev, Ivan A., Nyack, assignor to Lederle Laboratories, Inc., New York, N. Y. Treatment of antitoxins and the like. 2,123,198; July 12.
- Parfex Company, The. (See Williams, William E., assignor.)
- Parham, Fletcher L., Akron, Ohio. Motor-operated shaver. 2,130,311; Sept. 13.
- Paris Cosmetics, Inc. (See Friedberg, Leonard, assignor.)
- Paris, Israel R., Washington, D. C. Game board. 2,135,411; Nov. 1.
- Paris, Robert E., assignor to International Business Machines Corporation, New York, N. Y. Record puncturing machine. 2,129,782; Sept. 13.
- Paris, William B. (See de Horvath, Z., and Paris.)
- Parish, Fred A., Newton, Iowa. Water pump for washing machines. 2,112,573; Mar. 29.
- Parish, Richard L. (See Wallach, Carl D., assignor.)
- Parisi, Joseph. (See Kundel, William, assignor.)
- Parisi, Michael, New York, assignor of one-half to M. P. Doughty, Lawrence, N. Y. Incandescent nernst lamp. 2,120,527; June 14.
- Parisini, Primo, Corona, N. Y. Spraying device for evacuation. 2,104,271; Jan. 4.
- Pariset, Jean, assignor to Compagnie Lorraine de Charbons pour l'Electricité, Paris, France. Intensive electric arc carbon. 2,140,881; Dec. 20.
- Parizot, Günther, Adolfsberg, Stockholm, Sweden. Device for cleaning and keeping artificial dentures. 2,122,583; July 5.
- Park, Carl P., assignor to U S Bobbin & Shuttle Company, Manchester, N. H. Shuttle. 2,117,352; May 17.
- Park, Carl P., assignor to U S Bobbin & Shuttle Company, Manchester, N. H. Bobbin and making the same. 2,117,353; May 17.
- Park, Carl P., assignor to U S Bobbin & Shuttle Company, Manchester, N. H. Shuttle. 2,117,354; May 17.
- Park, Carl P., Manchester, N. H., assignor to U. S. Bobbin & Shuttle Company 1929, Providence, R. I. Eye block for shuttles. 2,130,695; Sept. 20.
- Park, George A., Lakewood, Ohio. Locked compartment. 2,139,909; Dec. 13.
- Park, Peter J., Rushville, Ill. Decoy apparatus. 2,129,781; Sept. 13.
- Park, Robert E., Jr. (See Butterfield, L. B., Garrett, and Park.)
- Park, Tracy S., Houston, Tex. Grip for sport clubs. 2,115,119; Apr. 26.
- Park, Tracy S., assignor to L. A. Layne, Houston, Tex. Screen washer. 2,120,988; June 21.
- Park, Ward & Company Limited. (See Thompson, N. A. D., and Pagan, assignors.)
- Parke, Davis & Company. (See Dyson, G. M., and Renshaw, assignors.)
- Parke, Davis & Company. (See Groeling, Charles, assignor.)
- Parke, Davis & Company. (See Holmes, Harry N., assignor.)
- Parke, Davis & Company. (See Marker, Russell E., assignor.)
- Parke, Davis & Company. (See Merker, Harvey M., assignor.)
- Parke, Davis & Company. (See McCrea, Adelia, assignor.)
- Parke, Davis & Company. (See Rawlins, A. L., and Hamilton, assignors.)
- Parke, Davis & Company. (See Taylor, F. O., and Merker, assignors.)
- Parke, Davis & Company. (See Woodburn, Ralph E., assignor.)
- Parker, Agaton J., Chicago, Ill. Permanent wave protector. 2,136,887; Nov. 15.
- Parker, Arthur H. (See Sebrell, Harry, assignor.)
- Parker, Arthur L., Cleveland, Ohio. Valve mechanism. 2,109,801; Mar. 1.
- Parker, Arthur L., Cleveland, Ohio. Tube bender. 2,127,185; Aug. 16.
- Parker, Arthur L., Cleveland, Ohio. Selector valve. 2,129,231; Sept. 6.
- Parker Brothers, Inc. (See Phelps, Charles A., assignor.)
- Parker, Clyde H., assignor to The B. L. Marble Chair Company, Bedford, Ohio. Chair. 2,117,821; May 17.
- Parker, Colin R., Newport, R. I. Fishing device. 2,128,315; Aug. 30.
- Parker, Douglas S., Verdun, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyor. 2,134,373; Oct. 25.
- Parker, Frank O., assignor to Acme Steel & Malleable Iron Works, Inc., Buffalo, N. Y. Road joint forming means or the like. 2,110,738; Mar. 8.
- Parker, George B. (See Fisher, D., and Parker.)
- Parker, Harold H., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Rayon structure. 2,132,492; Oct. 11.
- Parker, Harold H., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of artificial thread. 2,133,714; Oct. 18.
- Parker, Harold H., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing artificial thread. 2,133,715; Oct. 18.
- Parker, Harold H., and G. P. Standley, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial thread and making same. 2,130,247; Sept. 13.
- Parker, Henry W., assignor to Rogers Radio Tubes Ltd., Toronto, Ontario, Canada. Voltage indicating electron discharge tube. 2,105,818; Jan. 18.
- Parker, Henry W., assignor to Rogers Radio Tubes Ltd., Toronto, Ontario, Canada. Variable coupler for electrical systems. 2,116,080; May 3.
- Parker, Hugh B., Jacksonville, Fla. Lawn sprinkler. 2,108,207; Feb. 15.
- Parker, Ira T., Tulsa, Okla. Film developing apparatus. 2,122,916; July 5.
- Parker, J. Henry S., assignor to Eastman Kodak Company, Rochester, N. Y. Light seal. 2,114,638; Apr. 19.
- Parker, James M., et al. (See Taxay, Julius, assignor.)
- Parker, John R., assignor to F. P. Higgins, Toronto, Ontario, Canada. Clasp for garment supporters. 2,112,345; Mar. 29.
- Parker, John R., assignor to F. P. Higgins, Toronto, Ontario, Canada. Clasp for garment supporters. 2,127,666; Aug. 23.
- Parker, John W., Detroit, Mich. Grinding wheel dressing unit. 2,127,614; Aug. 23.
- Parker, John W., West Barrington, R. I., assignor to Brown & Sharpe Manufacturing Company. Dial test indicator. 2,124,006; July 19.
- Parker, Joseph L., and C. H. Starns, Birmingham, Ala., assignors to Southern Cement Company. Manufacturing cementitious substance from blast furnace slag. 2,125,520; Aug. 2.
- Parker, Laurie F., Noroton, Conn. Power-mucking shield. 2,111,405; Mar. 15.
- Parker, Leslie O., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Contact assembly. 2,133,472; Oct. 18.
- Parker, Lionel D., Barrow-in-Furness, assignor to Vickers-Armstrongs Limited, Westminster, England. Apparatus for drying slurry and other materials. 2,126,029; Aug. 9.
- Parker, Louis W., Astoria, assignor to S. M. Saltzman, New York, N. Y. Intercommunicating system and apparatus therefor. 2,121,883; June 28.
- Parker, Lucian E., Wadsworth, Ohio, assignor to The Diamond Match Company, New York, N. Y. Match-strip feeding mechanism for match booking machines. 2,123,487; July 12.
- Parker, Lucian E., Wadsworth, Ohio, assignor to The Diamond Match Company, New York, N. Y. Mechanism for assembling match packets and the like. 2,141,483; Dec. 27.
- Parker, Milton E. (See Hammer, B. W., Horneman, and Parker.)
- Parker, Milton E. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
- Parker Pen Company, The. (See Tefft, Ivan D., assignor.)
- Parker Rust Proof Company. (See Gordon, Robert H., assignor.)
- Parker Rust-Proof Company. (See Tanner, Robert R., assignor.)
- Parker-Smith, A. (See Fisher, Adolph E., assignor.)
- Parker-Smith, A. (See McCollum, James H. K., and H. J. D., assignors.)
- Parker, Walter H., Pittsburgh, and N. J. Seibert, Wilkensburg, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Piston meter. 2,106,651; Jan. 25.
- Parker, Willard T., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latching mechanism. 2,130,856; Sept. 20.
- Parker, William A., Lyles, Tenn. Wrench. 2,139,600; Dec. 6.
- Parker, William M. (See Gray, J. E., and Parker.)
- Parker-Wolverine Company. (See Tanner, Robert R., assignor.)
- Parker-Wolverine Company. (See Woolens, Roy E., assignor.)
- Parkersburg Rig & Reel Company, The. (See De La Mater, Robert G., assignor.)
- Parkersburg Rig & Reel Company, The. (See Schwemlein, William, assignor.)



- Parkersburg Rig & Reel Company, The. (See Schwemlein, W., and Settle, assignors.)
- Parkes, Bertrand A. and R. C., Philadelphia, Pa. Fan or blower construction. 2,131,691; Sept. 27.
- Parkes, Deric W., and R. B. Evans, West Bromwich, assignors to Robinson Brothers Limited, Oldbury, Birmingham, England. Absorption of acidic gases. 2,106,435; Jan. 25.
- Parkes, Ralph C. (See Parkes, Bertrand A. and R. C.)
- Parkhouse, Frances A., Maquoketa, Iowa. Hog greaser. 2,110,510; Mar. 8.
- Parkhurst, Arthur C., Denver, Colo. Dry fly holder. 2,107,645; Feb. 8.
- Parkhurst, George L., assignor to Standard Oil Company, Chicago, Ill. Solvent fractionation. 2,120,810; June 14.
- Parkhurst, Malcolm K. (See Burch, L. W., and Parkhurst.)
- Parkin, Thomas D., Broomfield, near Chelmsford, England, assignor to Radio Corporation of America. Piezoelectric crystal holder. 2,137,304; Nov. 22.
- Parkin, Winfred T., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Razor. 2,116,280; May 3.
- Parkin, Windred T., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Razor with adjustable handle. 2,119,792; June 7.
- Parkins, Wright A. (See Beardsley, G. E., Jr., and Parkins.)
- Parkins, Wright A. (See Ryder, E. A., and Parkins.)
- Parkins, Wright A., West Hartford, and A. H. Marshall, West Bloomfield, Conn., assignors, by mesne assignments, to United Aircraft Corporation. Engine priming means. 2,118,570; May 24.
- Parkinson, Donald, Sutton Coldfield, England, assignor to Dunlop Tire and Rubber Corporation. Pneumatic tire. 2,108,973; Feb. 22.
- Parkinson, Edgar H., T. E. Gardner, and W. T. Vint, Bradford, England. Dam construction. 2,138,070; Nov. 29.
- Parkinson, Edgar H., T. E. Gardner, and W. T. Vint, Bradford, England. Dam. 2,138,071; Nov. 29.
- Parkinson, Robert R., and S. E. Weaver, Palo Alto, Calif. Stepladder. 2,126,805; Aug. 16.
- Parks, Albert F., deceased, Fairfield County, Conn., by D. E. Robinson, executor, Burlington, N. C. Coin-handling mechanism for vending machines and the like. 2,136,561; Nov. 15.
- Parks, Asbury S., assignor of one-half to H. R. Bennett, Houston, Tex. Well production tester. 2,113,856; Apr. 12.
- Parks-Cramer Company. (See Hodge, William B., assignor.)
- Parks, Dennis, St. Louis, Mo. Paste applying device. 2,123,313; July 12.
- Parks, Edward F., Providence, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,116,409; May 3.
- Parks, Edward F., Providence, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,116,410; May 3.
- Parks, Harry H., Huntington Park, L. A. Thomas, Maywood, and H. S. Thomas, Huntington Park, Calif. Shoe finishing apparatus. 2,107,580; Feb. 8.
- Parks, Joseph A., Jr., Milton, Mass., assignor, by mesne assignments, to Anderson Products, Incorporated. Air venting valve. 2,112,211; Mar. 22.
- Parks, Joseph A., Milton, and J. Upton, Wayland, Mass., assignors, by mesne assignments, to Anderson Products, Incorporated. Pile splicer. 2,133,563; Oct. 18.
- Parks, Paul B., Oak Park, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Adjustable metallic thermostat. 2,129,477; Sept. 6.
- Parks, Paul B., Oak Park, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Temperature control system. 2,138,505; Nov. 29.
- Parks, Paul B., Oak Park, and W. M. Smith, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Correlative temperature control system. 2,108,507; Feb. 15.
- Parks, Paul B., Oak Park, and W. M. Smith, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Thermostatic control for temperature regulating systems. 2,110,168; Mar. 8.
- Parks & Woolson Machine Company. (See Burr, Harold E., assignor.)
- Parks & Woolson Machine Company. (See Richardson, Charles G., assignor.)
- Parkton, George W., Dalton, Pa. Vacuum heating system. 2,131,901; Oct. 4.
- Parlett, Albert, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Annunciator system. 2,127,343; Aug. 16.
- Parlini, Alexander C., Woodside, N. Y. Photographic camera and focusing means therefor. 2,124,468; July 19.
- Parmelee, Albert H., Wenatchee, Wash. Face protector. 2,119,439; May 31.
- Parmelee, Howard M. (See Henke, C. O., and Parmelee.)
- Parmer, Harry W. (See Graham, G. A., and Parmer.)
- Parnell, Walter H., assignor of one-half to J. Silverstein, New York, N. Y. Brake. 2,128,013; Aug. 23.
- Parrott, Arthur N., and J. H. Holloway, Shelton, Wash., assignors to Rainier Pulp & Paper Company, San Francisco, Calif. Acetylation of wood pulp. 2,105,498; Jan. 18.
- Parrilli, Dr. Ing Roberto. (See Becquet, Denise, assignor.)
- Parrish, Alan J., assignor of one-half to M. Parrish and one-half to J. Parrish, Paris, Ill. Drainage pipe and installing the same. 2,136,151; Nov. 8.
- Parrish, Alan J., assignor of one-half to M. Parrish and one-half to J. Parrish, Paris, Ill. Installing drainage conduits. 2,136,152; Nov. 8.
- Parrish, Carl C., assignor to Porter Steel Specialties, Shelbyville, Ind. Carpet sweeper. 2,112,814; Mar. 29.
- Parrish, Cecil C., Donora, Pa., assignor to The American Steel and Wire Company of New Jersey. Motor powering system. 2,108,388; Feb. 15.
- Parrish, Frank T., Gardner, assignor to Heywood-Wakefield Company, Boston, Mass. Case construction for articles of furniture. 2,126,916; Aug. 16.
- Parrish, Frank T., and A. J. Frazee, Gardner, assignors to Heywood-Wakefield Company, Boston, Mass. Extensible table. 2,135,836; Nov. 8.
- Parrish, Jane, et al. (See Parrish, Alan J., assignor.)
- Parrish, Margaret, et al. (See Parrish, Alan J., assignor.)
- Parrot Speed Fastener Corporation. (See Crosby, Stephen A., assignor.)
- Parrott, John A., Roslyn, N. Y., assignor to American Telephone and Telegraph Company. Transmission system. 2,113,708; Apr. 12.
- Parrott, William C., Stamford, Conn. Pressure and sealing device for containers. 2,134,985; Nov. 1.
- Parry, Robert E., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Finishing composition and flattening agent for use therein. 2,125,951; Aug. 9.
- Parsell, Roy L., administrator. (See Stiennon, Louis.)
- Parshad Holding Corporation et al. (See Avery, Alfred H., assignor.)
- Parshad Holding Corporation et al. (See Sackett, Ernest D., assignor.)
- Parshad Holding Corporation, et al. (See Thoma, Andrew, assignor.)
- Parsons, Alfred H., Rockville Centre, N. Y. Applying facing material. 2,130,743; Sept. 20.
- Parsons, C. A., and Company Limited. (See Cook, Stanley S., assignor.)
- Parsons, Claude P., Duncan, assignor to Phillips Petroleum Company, Bartlesville, Okla. Method of and composition for preventing the loss of drilling fluid in well drilling operations. 2,119,829; June 7.
- Parsons, Clinton H., assignor to Swift and Company, Chicago, Ill. Sediment tester. 2,110,237; Mar. 8.
- Parsons, Clinton H., and L. D. Mink, assignors to Industrial Patents Corporation, Chicago, Ill. Removing oil from eggs. 2,109,575; Mar. 1.
- Parsons Company, The. (See McMaster, Ruben, assignor.)
- Parsons, Edward T., Upper Montclair, and H. W. Sawyer, Nutley, assignors to Thomson Machine Company, Belleville, N. J. Cover for dough working surfaces. 2,132,123; Oct. 4.
- Parsons, Fred A., Milwaukee, Wis. Thermostatic elements. 2,121,259; June 21.
- Parsons, Fred A., Milwaukee, Wis., and W. M. Pohl, Washington, D. C., assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,118,357; May 24.
- Parsons, Fred A., Milwaukee, and W. M. Pohl, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,118,358; May 24.
- Parsons, George K., assignor to Unitor Corporation, Detroit, Mich. Controlling means for washing machines. 2,112,469; Mar. 29.
- Parsons, Harold M. (See Smith, A. L., Parsons, and Quessey.)
- Parsons, James A., Jr., assignor to The Duriron Company, Inc., Dayton, Ohio. Corrosion resisting ferrous alloys. 2,134,670; Oct. 25.
- Parsons, John, Bainbridge, N. Y., assignor to American Plastics Corporation. Plastic working. 2,105,669; Jan. 18.
- Parsons, John, New York, N. Y. Apparatus for ascertaining and appraising effective temperature. 2,120,952; June 14.
- Parsons, John H., Bloomfield Hills, and L. S. Lamb, Grosse Pointe Park, Mich. Tool retainer. 2,107,581; Feb. 8.
- Parsons, John L., and D. T. Jackson, assignors to Hammermill Paper Company, Erie, Pa. Bleaching and purifying process. 2,120,678; June 14.
- Parsons, John S., Swissvale, and G. O. Harrison, Wilkesburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network system of distribution. 2,121,608; June 21.
- Parsons, Lewis A., Houston, Tex. Separator. 2,119,348; May 31.
- Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Wrapper or label for toilet packages. 2,105,367; Jan. 11.
- Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Toilet roll package. 2,105,368; Jan. 11.
- Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Towel dispensing cabinet. 2,100,108; Jan. 18.
- Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Roll wrapping machine. 2,110,814; Mar. 8.



- Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Roll wrapping machine. 2,110,815; Mar. 8.
- Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Towel dispensing cabinet. 2,114,935; Apr. 19.
- Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Package wrapping machine. 2,131,668; Sept. 27.
- Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Method and apparatus for treating cracked hydrocarbon oils. 2,105,499; Jan. 18.
- Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Furnace. 2,105,500; Jan. 18.
- Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Furnace. 2,105,819; Jan. 18.
- Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Tube still. 2,105,820; Jan. 18.
- Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Chicago, Ill. Bubble column. 2,105,501; Jan. 18.
- Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Chicago, Ill. Furnace. 2,105,821; Jan. 18.
- Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Chicago, Ill. Support for liquid treating vessels. 2,119,215; May 31.
- Parsons, Ralph M., Amagansett, N. Y., assignor, by mesne assignments, to Houdry Process Corporation, Philadelphia, Pa. Apparatus for manufacture of useful products from oil. 2,114,312; Apr. 19.
- Parsons, Ralph M., Company, The. (See Parsons, Ralph M., assignor.)
- Parsons, Raymond V., assignor to Johns-Manville Corporation, New York, N. Y. Sound absorbing unit. 2,132,642; Oct. 11.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company Inc., Albany, N. Y. Heating and ventilating system. 2,113,531; Apr. 5.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Vehicle heating. 2,126,497; Aug. 9.
- Parsons, Walter, Blue Mountain Lake, N. Y. Needle threader. 2,115,999; May 3.
- Parth, Bruno. (See Schnecko O., and Parth.)
- Partin, Albert, Jardine, Mont. Milk can sealer. 2,123,795; July 12.
- Partin, Albert, assignor of one-fifth to A. R. Palmer and one-fifth to L. Strey, Jardine, Mont. Shoe lace fastener. 2,139,315; Dec. 6.
- Partridge, Arthur F., St. Paul, Minn. Washing machine for tumblers and similar tableware. 2,104,272; Jan. 4.
- Partridge, John H., Middlesex, England, assignor to General Electric Company. Receptacle for containing glass during its manufacture. 2,141,930; Dec. 27.
- Partz, Victor A. (See Nielsen, E., and Partz.)
- Parva Products Company. (See White, Paul W., assignor.)
- Parva Products Company. (See Zetnick, Paul F., assignor.)
- Parvin, Edward G., Roselle, assignor to Synco Machine Company, Newark, N. J. Control means for web wrapping machines. 2,106,490; Jan. 25.
- Parvin, Edward G., Roselle, assignor to National Pneumatic Company, Rahway, N. J. Valve control apparatus. 2,107,874; Feb. 8.
- Parvin, Edward G., Roselle, assignor, by mesne assignments, to Synco Machine Company, Newark, N. J. Strand wrapping machine. 2,114,400; Apr. 19.
- Pascale, Pasquale, assignor to Dri-Steam Valve Corporation, New York, N. Y. Throttle valve for locomotives. 2,112,505; Mar. 29.
- Paschal, Guy, assignor, by mesne assignments, to Pleasantaire Corporation, New York, N. Y. Air conditioning machine. 2,120,208; June 7.
- Pascoe, Truman A., and R. P. Hella, Cloquet, Minn., assignors to Cellovis, Inc., Wilmington, Del. Surfacing felted fibrous material. 2,124,330; July 19.
- Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,123,254; July 12.
- Pash, Robert, assignor, by mesne assignments, to A. H. Boesch, Danbury, Conn. Method of and apparatus for handling and treating flexible bodies. 2,141,931; Dec. 27.
- Pashley, William H. (See Goodwin, V. B., and Pashley.)
- Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,107,582; Feb. 8.
- Pasman, Abram N., Milford, Conn. Convertible sink strainer. 2,107,126; Feb. 1.
- Pass, Arthur, Glen Iris, Victoria, Australia, assignor to Scott & Williams, Incorporated, New York, N. Y. Knitting machine and operating same. 2,125,197; July 26.
- Pass, Sam. (See Trubitz, Philip, assignor.)
- Pass & Seymour, Inc. (See Russell, Mark N., assignor.)
- Pass, Vernia N., Houston, Tex. Marker. 2,134,799; Nov. 1.
- Passalacqua, Diego, Rochester, N. Y. Strongbox. 2,109,928; Mar. 1.
- Passmore, George P., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lapping machine and method. 2,131,638; Sept. 27.
- Pastor, Carl T., Huls, near Krefeld, Germany. Spiral covering machine. 2,129,956; Sept. 13.
- Pastor, Santos, New York, N. Y. Insect trap. 2,122,487; July 5.
- Patai, Imre, Budapest, Hungary, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Holland. Manufacture of oxide coated cathodes. 2,134,415; Oct. 25.
- Patchett, George W., Stresovice, Prague, Czechoslovakia. Internal combustion engine. 2,139,457; Dec. 6.
- Patchogue-Plymouth Mills Corporation. (See Geller, Hugo, assignor.)
- Patco, Inc. (See Lewis, Howard B., assignor.)
- Pate, Walker M., assignor of one-half to T. F. Boyle, New Orleans, La. Monovalve cylinder head construction. 2,105,699; Jan. 18.
- Patent Button Company, The. (See Anderson, Thomas A., assignor.)
- Patent Button Company, The. (See Carley, Leonard R., assignor.)
- Patent Button Company, The. (See White, Franklin R., assignor.)
- Patent Button Company of Tennessee, The. (See Scott, Alexander A., Jr., assignor.)
- Patent Developers, Inc. (See Baker, Solomon F., assignor.)
- Patent Developers, Inc. (See Van Husen, Norman, assignor.)
- Patent Engineering Corporation. (See Rockwell, E. A., and Shively, assignors.)
- Patent License Corporation. (See Arenberg, Albert L., assignor.)
- Patent and Licensing Corporation, The. (See Dudleston, William G., assignor.)
- Patent and Licensing Corporation, The. (See Groskopf, Edwin O., assignor.)
- Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
- Patent and Licensing Corporation, The. (See Limerick, Charles T., assignor.)
- Patent and Licensing Corporation, The. (See Payne, Gerald B., assignor.)
- Patent and Licensing Corporation, The. (See Wettlaufer, Jules L., assignor.)
- Patent Products Corporation. (See Mezoff, Milton, assignor.)
- Patent Products Company. (See Shoglow, Harry, assignor.)
- Patent Protection Corporation. (See Kress, Ralph H., assignor.)
- Patents, Incorporated. (See Humphreys, Edwin S., assignor.)
- Patera, Anton J. (See Gorny, F. A., and Patera.)
- Pateras Pescara, Raul, Paris, France, assignor to Société d'Etudes et de Participations, Eau, Gaz, Electricité, Energie, S. A., Geneva, Switzerland. Fuel injection in free piston internal combustion engines. 2,132,083; Oct. 4.
- Pateron Pacific Parchment Co. (See Dodge, Wesley, assignor.)
- Pateron, William J. (See Godfrey, T. M., and Pateron.)
- Pateron, William J., Chestnut Hill, Mass., assignor to Lever Brothers Company. Hydrogenation of fatty oils. 2,123,342; July 12.
- Pates, Thomas S. (See Braden, William C., assignor.)
- Patex Société Anonyme. (See Kreidel, Hans, assignor.)
- Patey, Adelaide C., Bedford Hills, N. Y. Amusement device. 2,126,806; Aug. 16.
- Pathé Cinéma Anciens Etablissements Pathé Freres. (See Cazes, Paul G., assignor.)
- Patitz, George J., assignor, by mesne assignments, to D. M. Carter, Chicago, Ill. Process and apparatus for making high speed pasters. 2,117,676; May 17.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,105,369; Jan. 11.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,106,874; Feb. 1.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,107,082; Feb. 1.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,113,094; Apr. 5.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,126,498; Aug. 9.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,129,232; Sept. 6.
- Patria, Frank, Detroit, Mich. Signal device for automobiles. 2,110,169; Mar. 8.
- Patrick, Harry H., Los Angeles, Calif. Hot plate. 2,136,708; Nov. 15.
- Patrick, Isaac, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Four-point hydraulically operated press. 2,105,053; Jan. 11.



- Patrick, Isaac, assignor to E. W. Bliss Company, Brooklyn, N. Y. Automatic apparatus for feeding strips or sheets to presses or other machines. 2,138,306; Nov. 29.
- Patrick, Lester B., Mercury, Tex. Wagon or trailer body wagon bed. 2,133,902; Oct. 18.
- Patrick, Rollin H., Deer Park, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Work holder mechanism for machine tools and the like. 2,142,034; Dec. 27.
- Patrick, Walter A., Jr., Mount Washington, Md. Refining hydrocarbons. 2,114,313; Apr. 19.
- Patrick, Walter A., Jr., Mount Washington, Md. Treating oils and distillates thereof. 2,114,314; Apr. 19.
- Patrick, Walter A., Jr., Baltimore, Md. Chemically refining hydrocarbons. 2,114,315; Apr. 19.
- Patrick, William P., Vaughn, Wash. Magnetic recorder. 2,141,548; Dec. 27.
- Patrol Valve Company, The. (See Marvin, J. T., and Matthews, assignors.)
- Patrol Valve Company, The. (See Matthews, Birchard L., assignor.)
- Patrol Valve Company, The. (See Matthews, B. L., and Marvin, assignors.)
- Pattcy, Joseph M., assignor of thirty-five per cent to C. T. Kilmer, Poughkeepsie, N. Y. Folding handle. 2,137,457; Nov. 22.
- Patten, Doris T., Bloomfield Hills, Mich. Doll house assembly. 2,124,352; July 19.
- Patten, Leslie A., Mankato, Minn. Stock licking salt block. 2,139,910; Dec. 13.
- Patten, Merwin G., Cranston, R. I., assignor to The J. C. Hall Company. Pastel holder. 2,118,384; May 24.
- Patterson, Albert C., Roselle, N. J., assignor to Standard Oil Development Company. Cracking process. 2,121,978; June 28.
- Patterson, Charley T., Springfield, Mo. Fastening device. 2,120,470; June 14.
- Patterson, Edgar W., assignor of one-half to C. M. O'Leary, Jr., Los Angeles, Calif. Perforating oil well casing. 2,116,465; May 3.
- Patterson, Gordon D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated product and process whereby prepared. 2,128,961; Sept. 6.
- Patterson, Gordon D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated objects. 2,128,962; Sept. 6.
- Patterson, Gordon D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,136,313; Nov. 8.
- Patterson, Gordon D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide pigments and producing same. 2,138,118; Nov. 29.
- Patterson, Herbert F. (See Fishburn, O. E., Patterson, and Aland.)
- Patterson, Herbert F., assignor to Chrysler Corporation, Detroit, Mich. Power transmission. 2,105,755; Jan. 18.
- Patterson, Herbert F., St. Clair Shores, assignor to Chrysler Corporation, Detroit, Mich. Power transmission. 2,122,488; July 5.
- Patterson, James C. (See Stark, W. E., and Patterson.)
- Patterson, James M. (See Apel, G. E., and Patterson.)
- Patterson, Joseph A., Brave, Pa. Nonrefillable bottle. 2,107,083; Feb. 1.
- Patterson, Joseph W., assignor to Volume Sprayer Mfg. Co., Inc., Tulsa, Okla. Liquid sprayer. 2,109,548; Mar. 1.
- Patterson, Joseph W., assignor to Volume Sprayer Manufacturing Company, Inc., Tulsa, Okla. Sprayer. 2,127,006; Aug. 16.
- Patterson, Robert A., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 2,135,239; Nov. 1.
- Patterson, William G., and R. G. Dixon, assignors to Siemens Brothers & Company Limited, London, England. Telephone system. 2,108,140; Feb. 15.
- Patterson, Robert C., assignor of one-third to M. L. Masinter, Roanoke, Va. Rotary compressor. 2,131,453; Sept. 27.
- Pattison, Herbert J., Detroit, and W. K. Barton, Grosse Pointe Park, assignors to Briggs Manufacturing Company, Detroit, Mich. Portable grinding or filing machine. 2,104,436; Jan. 4.
- Pattison, Herbert J., Detroit, and W. K. Barton, Grosse Pointe Park, assignors to Briggs Manufacturing Company, Detroit, Mich. Portable polishing machine. 2,106,535; Jan. 25.
- Pattison, Wayne W., and F. J. Sandner, assignors to Bohn Aluminum & Brass Corporation, Detroit, Mich. Making railway car axle journal bearings. 2,109,890; Mar. 1.
- Pattison, William S., Johnson County, Kans. Stair tread. 2,135,837; Nov. 8.
- Patton, Clement B., Columbus, Ohio. Apparatus for drilling wells. 2,133,564; Oct. 18.
- Patton, Hugh L., Houston, Tex. Apparatus for severing pipe. 2,120,114; June 7.
- Patton, Inman L., Eldorado, Ill. License plate holder. 2,129,149; Sept. 6.
- Patton, Winifred M., Chicago, Ill. Typewriter. 2,140,330; Dec. 13.
- Patts, Nicholas J., Dallas, Tex. Condiment holder. 2,121,711; June 21.
- Patzelt, Julius. (See Bretling, E., and Patzelt.)
- Patzter, William, Chicago, Ill. Coin and token separator. 2,139,381; Dec. 6.
- Patzwaldt, Karl, Gladbach-Rheydt, Germany. Sound permeable picture projection screen and making same. 2,130,704; Sept. 20.
- Paul, David, Brooklyn, N. Y. Fuel controlling device. 2,120,866; June 14.
- Paul, David, Brooklyn, N. Y. Brush attaching device for mops. 2,133,148; Oct. 11.
- Paul, George F., Struthers, Ohio. Edge guide for strip mills. 2,111,054; Mar. 15.
- Paul, George F., Struthers, Ohio. Apparatus for and method of disposing of crop ends in strip mills. 2,117,009; May 10.
- Paul, George F., Struthers, Ohio. Apparatus for piling sheets and plates. 2,128,316; Aug. 30.
- Paul, Hans E. (See Berndt, W., and Paul.)
- Paul, Harold S., deceased, Wyoming, by P. C. Rodgers, administrator, assignor to J. P. Stacey, Cincinnati, Ohio. Thumb guard. 2,127,421; Aug. 16.
- Paul, Henri, Montreal, Quebec, Canada. Light diffusing glass. 2,107,833; Feb. 8.
- Paul, Henry, Philadelphia, Pa. Traffic signaling device. 2,136,804; Nov. 15.
- Paul, Irvin J., Gary, Ind., assignor to American Sheet and Tin Plate Company. Apparatus for coating. 2,108,389; Feb. 15.
- Paul, Julius, assignor of one-half to R. M. Sellwood, Duluth, Minn. Deep well pump. 2,121,927; June 28.
- Paul, Lawrence A., Los Angeles, Calif. Dispenser. 2,105,370; Jan. 11.
- Paul, Leon R., Brooklyn, assignor to J. J. Daly, New York, N. Y. Double identity liquid dispenser for bottles. 2,109,750; Mar. 1.
- Paul, Masie, Juneau, Alaska. Oven door. 2,140,433; Dec. 13.
- Paul, Peter, Inc. (See Flint, Clarence H., assignor.)
- Paul, Ralph H., West Kensington, London, England. Game scorer. 2,106,466; Jan. 25.
- Paul, Richard C., Los Angeles, Calif. Dance shoe protector. 2,110,890; Mar. 15.
- Paul, Talbert W., Moline, Ill., assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor wheel. 2,108,346; Feb. 15.
- Paul, Thorolf. (See Le Fevre, A. W., and Paul.)
- Paul, Thorolf, assignor to Stewart-Warner Corporation, Chicago, Ill. Magnetic speedometer. 2,141,445; Dec. 27.
- Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Electric circuit breaker. 2,134,572; Oct. 25.
- Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Electric circuit breaker. 2,134,573; Oct. 25.
- Paulding, John L., Inc. (See Johnson, Arthur A., assignor.)
- Pauls, Lemon B. (See Young, W. M., and Pauls.)
- Paulin, Georges A., Malakoff, France. Convertible body for vehicles, and particularly for motor vehicles. 2,105,293; Jan. 11.
- Pauling, Harry, Berlin, Germany. Manufacture of calcium nitrate from ammoniacal gases. 2,136,994; Nov. 15.
- Pauly, Frank G., Newark, N. J., assignor to Hellige, Inc., New York, N. Y. Method and apparatus for amplifying and recording electrical currents. 2,124,208; July 19.
- Pauloski, Jacob, Jane, and Jean, Wooster, Ohio. Lock. 2,110,094; Mar. 1.
- Pauloski, Jane. (See Pauloski, Jacob, Jane, and Jean.)
- Pauloski, Jean. (See Pauloski, Jacob, Jane, and Jean.)
- Paulsen, Reginald, Oslo, Norway. Ship's hull. 2,136,562; Nov. 15.
- Paulsen, Thomas R., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Wheeled scraper. 2,106,759; Feb. 1.
- Paulson, George M., New York, N. Y. Igniter for internal combustion engines. 2,130,365; Sept. 20.
- Paulson, George M., assignor to The R. G. Corporation, New York, N. Y. Spark plug. 2,135,240; Nov. 1.
- Paulson, Nils I., assignor to Halsam Products Company, Chicago, Ill. Roof and gable construction for toy buildings. 2,125,580; Aug. 2.
- Paulson, Nils I., assignor to Halsam Products Company, Chicago, Ill. Toy building construction. 2,127,830; Aug. 23.
- Paulson, Nils I., assignor to Halsam Products Company, Chicago, Ill. Toy building block. 2,132,757; Oct. 11.
- Paulson, Paul M., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Abrasive material. 2,111,272; Mar. 15.
- Paulson, Paul M., and L. D. Chambers, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process of cleaning. 2,123,434; July 12.
- Paulsson, Nils A. V. (See Kalling, B. M. S., and Paulsson.)
- Paulus, Charles L. (See Alexander, D. E., Henney, and Paulus.)
- Pava, Jack R., Los Angeles, Calif. Arch support. 2,139,971; Dec. 13.
- Pavek, Edward, Minneapolis, Minn. Mop wringing device. 2,127,045; Aug. 16.
- Pavecka, Frank E., San Antonio, Tex. Game apparatus. 2,107,211; Feb. 1.



- Pavelka, Frank E., San Antonio, Tex. Window lock. 2,110,940; Mar. 15.
- Pavelka, Joseph, Sr. (See McCullough, Paul J., assignor.)
- Pavelka, Joseph. (See McCullough, P. J., and Pavelka, assignors.)
- Pavelka, Joseph, Jr. (See McCullough, P. J., and Pavelka.)
- Pavlecka, John, Detroit, Mich. Engine structure. 2,117,117; May 10.
- Pavlecka, John, Detroit, Mich. Engine frame. 2,117,118; May 10.
- Pawlikowski, Rudolf, Goerlitz, Germany. Oil catcher. 2,123,959; July 19.
- Pawlitschek, Franc, New York, N. Y. Ash receiver. 2,111,480; Mar. 15.
- Pawstat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Mudguard support. 2,130,696; Sept. 20.
- Pawstat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Bicycle luggage carrier. 2,130,928; Sept. 20.
- Pawstat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Luggage carrier for bicycles and the like. 2,135,217; Nov. 1.
- Pawstat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Support for mud guards. 2,135,218; Nov. 1.
- Pawsey, Joseph L. (See Cork, E. C., and Pawsey.)
- Pawsey, Joseph L. (See Blumlein, A. D., Cork, and Pawsey.)
- Paxton, Gerald C., Santa Ana, assignor to Food Machinery Corporation, San Jose, Calif. Slat feed. 2,119,054; May 31.
- Paxton, Gerald C., Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box ejector. 2,121,820; June 28.
- Paxton, Gerald C., Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Continuous transverse roller fruit conveyor. 2,135,838; Nov. 8.
- Paxton, Gerald C., H. D. Benson, and C. H. Johnson, Santa Ana, Calif., assignors, by mesne assignments, to Food Machinery Corporation. Box lid pressing and nailing machine. 2,140,851; Dec. 20.
- Paxton, Hale, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Lidding machine. 2,108,548; Feb. 15.
- Paxton, Hale, Santa Ana, assignor to Food Machinery Corporation, San Jose, Calif. Automatic control for nailing machines. 2,113,530; Apr. 5.
- Paxton, Hale, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box lidding and stamping machine. 2,119,053; May 31.
- Paxton, Hale, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Planetary brusher. 2,119,869; June 7.
- Paxton, Hale, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box ejector. 2,121,821; June 28.
- Paxton, Hale, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Stack dumper. 2,127,007; Aug. 16.
- Paxton, Hale, Santa Ana, assignor to Food Machinery Corporation, San Jose, Calif. Box ladder feed. 2,128,963; Sept. 6.
- Paxton, Hale, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Coating material applying device. 2,141,550; Dec. 27.
- Paxton, Hale, Redlands, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Automatic box ladder. 2,114,724; Apr. 19.
- Paxton, Hale, Redlands, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Lidding machine. 2,141,549; Dec. 27.
- Paxton, Hale, Santa Ana, and C. E. O'Donnell, Placentia, Calif., assignors, by mesne assignments, to Food Machinery Corporation. Method of and apparatus for packaging fresh whole fruits and the like. 2,132,516; Oct. 11.
- Paxton, Robert, Drexel Hill, Pa., assignor to General Electric Company. Electric switch gear. 2,106,061; Jan. 18.
- Payden, Claude D., Fremont, Ohio. Automatic ventilator. 2,138,427; Nov. 29.
- Payne, Alcott. (See MacCarthy, Florence B., assignor.)
- Payne, Amos O., East St. Louis, Ill. Tube for transferring fluids and valve mechanism therefor. 2,110,941; Mar. 15.
- Payne, Claron R., Allentown, assignor to The Atlas Mineral Products Company, Mertztown, Pa. Protective coating. 2,134,837; Nov. 1.
- Payne, Elmer H., Wood River, assignor to Standard Oil Company, Chicago, Ill. Viscometer. 2,116,765; May 10.
- Payne, Frank E., Glencoe, assignor to Crane Packing Company, Chicago, Ill. Sealing revolvable door handles. 2,120,039; June 7.
- Payne, Frank E., Glencoe, assignor to Crane Packing Company, Chicago, Ill. Plastic packing with braided asbestos jacket. 2,134,671; Oct. 25.
- Payne, Frank R., Peru, Ind. Paves trough hanger. 2,137,781; Nov. 22.
- Payne, Frederick S., River Edge, N. J., and F. W. Broderick, New Brighton, assignors to Reynolds Metals Company, New York, N. Y. Book display box. 2,126,407; Aug. 9.
- Payne, Gerald B., Scranton, Pa., assignor to The Patent and Licensing Corporation, Boston, Mass. Shingle. 2,117,624; May 17.
- Payne, John H. (See Ley, G. J., Payne, and Akau.)
- Payne, John H., Ballston Spa, N. Y., assignor to General Electric Company. Sealing receptacles. 2,141,932; Dec. 27.
- Payne, Lambert M., Detroit, Mich. Automobile body heater structure. 2,119,140; May 31.
- Payne, Lambert M., Detroit, Mich. Automobile body heater. 2,132,045; Oct. 4.
- Payne, Lyle L. (See Neuhaus, R., Smith, and Payne.)
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pile cutter for double fabric looms. 2,123,255; July 12.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tube frame for axminster looms. 2,135,143; Nov. 1.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam and making. 2,141,665; Dec. 27.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking motion for looms. 2,141,666; Dec. 27.
- Payne, Ralph B. (See Anderson, C. I., and Payne.)
- Payne, Raymond L., and B. B. Dunn, Denver, Colo. Blower with adjustable housing. 2,116,539; May 10.
- Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Driving mechanism for printing apparatus and the like. 2,122,536; July 5.
- Payne, William H., La Grange, Ill. Draft connection for trailers. 2,131,068; Sept. 27.
- Payne, William H., La Grange, Ill. Clamp for electric arc furnace electrodes. 2,133,305; Oct. 18.
- Paynter, Horace J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Viscosity control. 2,121,045; June 21.
- Paysee, Robert B., Oak Park, Ill. Iron. 2,118,820; May 31.
- Payson Manufacturing Co., The. (See Smith, Harry, assignor.)
- Payson, Peter, New York, N. Y. Alloy steel. 2,141,016; Payton, Harry A., San Luis Obispo, Calif. Recovering submarine deposits. 2,132,800; Oct. 11.
- Payzant, Henry H., assignor to General Timber Service, Inc., St. Paul, Minn. Building frame construction. 2,117,070; May 10.
- Pazdernick, William, Freedom, Mo. Automatic tube closure. 2,140,247; Dec. 13.
- Peace, Harvey W., Toronto, Ontario, assignor to Canada Cycle & Motor Company, Limited, Weston, Ontario, Canada. Bicycle. 2,107,251; Feb. 1.
- Peacock A. & A., Limited. (See Wheeler, Nelson, assignor.)
- Peacock, Theodore A., Birmingham, Ala. Key holder. 2,115,278; Apr. 26.
- Peak, Robert E., Berlin, Conn. Driveway rake. 2,137,982; Nov. 22.
- Peake, John S. (See Nelson, C. E., and Peake.)
- Peake, John S. (See Owens, J. S., Peake, and Fowler.)
- Peakes, Ralph W. (See Reichert, J. S., and Peakes.)
- Peale-Davis Company. (See Davis, Kenneth, assignor.)
- Peale, Richard, trustee, et al. (See Bradford, C., and Scollon, assignors.)
- Pearce, Edwin S., Indianapolis, Ind. Apparatus for conditioning air. 2,125,581; Aug. 2.
- Pearce, Edwin S., assignor to Railway Service & Supply Corporation, Indianapolis, Ind. Apparatus for and treating fibrous waste for journal box use. 2,105,094; Jan. 11.
- Pearce, Edwin S., assignor to Railway Service & Supply Corporation, Indianapolis, Ind. Apparatus for treating fibrous waste for journal box use. 2,106,986; Feb. 1.
- Pearce, Edwin S., and E. C. Karibo, assignors to Transportation Devices Corporation, Indianapolis, Ind. Speedometer. 2,105,158; Jan. 11.
- Pearce, George C. (See Alexander, D. F., and Pearce.)
- Pearce, George C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Motor control. 2,105,005; Jan. 11.
- Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,116,909; May 10.
- Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,119,959; June 7.
- Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,129,867; Sept. 13.
- Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,134,056; Oct. 25.
- Pearce, Gilbert J., Westbury, England. Glove. 2,119,177; May 31.
- Pearce, Leo J., et al. (See Kaster, Raymond C., assignor.)
- Pearce, William L., Houston, Tex. Drill. 2,119,349; May 31.



- Pearcy, Noah C., Park Ridge, Ill., assignor to Westinghouse Electric & Manufacturing Company. Space-current device. 2,106,855; Feb. 1.
- Pearl, James W., Chicago, Ill. Combination of a chain, scraper, and conveyor. 2,138,678; Nov. 29.
- Pearl, John W., Yeadon, Pa., assignor to The Barrett Company, New York, N. Y. Waterproofing sheet material. 2,117,355; May 17.
- Pearlman, Julius. (See Kindelmann, A., Pearlman, and Ostrander.)
- Pearlman, Julius, New York, and A. Kindelmann, Floral Park, assignors to International Projector Corporation, New York, N. Y. Motion-picture film magazine. 2,118,896; May 31.
- Pearmain, William J., assignor to Twin Disc Clutch Company, Racine, Wis. Hydraulically operated reversing mechanism. 2,117,852; May 17.
- Pearne, Frank Y., Alhambra, and G. P. Fack, Los Angeles, Calif., assignors to Gladding-McBean & Co. Terra cotta grinding machine. 2,120,570; June 14.
- Pearson, Karl H. (See Akers, J., and Pearson.)
- Pearson, Albert, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article supporting rack for plating. 2,129,868; Sept. 13.
- Pearson, Arthur L., High Point, N. C. Sanding wheel head. 2,120,624; June 14.
- Pearson, August. (See Hunter, A. P., and Pearson.)
- Pearson, Axel B., Munhall, Pa. Disk rolling apparatus. 2,118,224; May 24.
- Pearson, Axel B., Munhall, Pa. Disk rolling apparatus. 2,135,643; Nov. 8.
- Pearson, Charles, Ingersoll, assignor of one-half to G. W. Mallory, Blenheim, Ontario, Canada. Antirattling device and lock for windows. 2,129,957; Sept. 13.
- Pearson, Eric G., Roselle, N. J. Fountain pen. 2,119,645; June 7.
- Pearson, Gustav C., assignor to Gardner-Denver Company, Denver, Colo. Rock drill. 2,115,231; Apr. 26.
- Pearson, Harry A., Brooklyn, and E. C. Nicholides, Bronx, assignors to Sonotone Corporation, New York, N. Y. Hearing aid. 2,105,296; Jan. 11.
- Pearson, Henry N., St. Louis, Mo. Detachable heel. 2,129,099; Sept. 6.
- Pearson, John L. (See Nonhebel, G., and Pearson.)
- Pearson, John M., Aldan, assignor to Sun Oil Company, Philadelphia, Pa. Electrical measuring method and apparatus. 2,123,545; July 12.
- Pearson, Ragnar, Chicago, Ill. Automatic safety lock. 2,114,084; Apr. 12.
- Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Co. Inc., New York, N. Y. Apparatus for feeding molten glass. 2,134,732; Nov. 1.
- Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Co. Inc., New York, N. Y. Suction gatherer. 2,134,733; Nov. 1.
- Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Co. Inc., New York, N. Y. Suction gatherer. 2,134,734; Nov. 1.
- Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Co. Inc., New York, N. Y. Skimming device for glass tanks or furnaces. 2,134,838; Nov. 1.
- Pease, Bernard S., Evanston, Ill., assignor to The American Steel and Wire Company of New Jersey. Partition. 2,119,889; June 7.
- Pease, Bernard S., Evanston, Ill., assignor to The American Steel and Wire Company of New Jersey. Partition. 2,119,890; June 7.
- Pease, C. F., Company, The. (See Brunk, H. J., and Dickason, assignors.)
- Pease, C. F., Company, The. (See Brunk, H. J., and Doerrich, assignors.)
- Pease, Earl E., Oak Park, assignor to Battery Patents Corporation, Chicago, Ill. Bicycle frame or the like. 2,132,317; Oct. 4.
- Pease, Harlow. (See Coe, Simeon M., assignor.)
- Pease, John W., Rochester, N. Y. Apple paring and trimming machine. 2,107,339; Feb. 8.
- Pease, Maurice H., New Britain, and D. A. Keating, Bridgeport, assignors to The Stanley Works, New Britain, Conn. Rolling mill drive. 2,131,541; Sept. 27.
- Pease, William A., Cincinnati, Ohio, assignor to The Ohio Truss Company. Truss. 2,130,697; Sept. 20.
- Peaslee, Willets, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Dowel pin former. 2,142,035; Dec. 27.
- Peate, George A., Montreal, assignor of one-third to B. H. Bietzeke, Westmount, Quebec, Canada. Tuner for string instruments. 2,130,248; Sept. 13.
- Pechy, William, Elizabeth, N. J., assignor to American Can Company, New York, N. Y. Pressure gauge device. 2,128,265; Aug. 30.
- Peck, Creasey L., Fort Worth, Tex. Apparatus for cutting semisolids. 2,116,845; May 10.
- Peck, Earl. (See Helman, B., and Peck.)
- Peck, Edward B., Elizabeth, N. J., assignor to Standard Oil Development Company. Purification of hydrogen halides. 2,137,095; Nov. 15.
- Peck, Matt R., Gardena, assignor of one-half to B. E. Bertran and one-half to J. A. Bertran, Los Angeles, Calif. Undercutting bucket. 2,122,584; July 5.
- Peck, Robert H. (See Davis, C. F., Brush, and Peck.)
- Peck, Ruth F., assignor to Winget Kickernick Company, Minneapolis, Minn. Brassiere top. 2,115,588; Apr. 26.
- Peck, Ruth F., assignor to Winget Kickernick Company, Minneapolis, Minn. Hose-supporting foundation bloomer garment. 2,136,250; Nov. 8.
- Peck, Stow & Wilcox Company, The. (See Mohr, William H., assignor.)
- Peck, William W., Muncie, Ind. Combustion device. 2,118,104; May 24.
- Peck, William W., Muncie, Ind. Draft control for fuel burners. 2,140,761; Dec. 20.
- Peckenpaugh, Charles E., Aylsham, Saskatchewan, Canada. Lifting jack. 2,120,625; June 14.
- Pecker, Joseph S., Philadelphia, Pa. Jig. 2,140,762; Dec. 20.
- Pecker, Louis, Newark, N. J. Comfort. 2,138,745; Nov. 29.
- Peckham, George C., Los Angeles, Calif. Oil cracking process. 2,135,876; Nov. 8.
- Peckham, Ida B., Wethersfield, Conn. Darning last. 2,110,916; Mar. 15.
- Peco Holding Maatschappij N. V. (See Plön, Max, assignor.)
- Pecora Paint Company. (See Seeburger, Fred B., assignor.)
- Pedatella, Frank, assignor to W. C. Black, New Kensington, Pa. Change-over assembly. 2,138,478; Nov. 29.
- Pedatella, Frank, assignor to W. C. Black, New Kensington, Pa. Change-over assembly. 2,138,479; Nov. 29.
- Peddicoord, Jasper B., St. Bernard, La. Spout for sealed metal containers. 2,125,805; Aug. 2.
- Peddicoord, Paul G., Piqua, Ohio, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing apparatus. 2,121,349; June 21.
- Peddle, Mary I., Pawtucket, R. I. Hair curler and waver. 2,105,371; Jan. 11.
- Pedersen, Charles J. (See Downing, F. B., and Pedersen.)
- Pedersen, Gunner F. M., assignor to Dansk Crown-Cork Fabrik ved Aage Weybye-Lassen, Copenhagen, Denmark. Capsule stopper for bottles, jars, glasses, and the like. 2,133,565; Oct. 18.
- Pedersen, Hother S. (See Worden, N. P., and Pedersen.)
- Pedery, Joseph, New York, N. Y. Tobacco pipe. 2,140,649; Dec. 20.
- Pedlar, Sylvia S., New York, N. Y. Combination garment. 2,109,867; Mar. 1.
- Pedler, Ivor A. D. (See Whitby, E., Pedler, Selston, Newman, and Lester.)
- Pedlow, John W. (See Humphrey, J. W., and Pedlow.)
- Pedrick, Irene P., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Washer. 2,107,340; Feb. 8.
- Peebles, David D., Eureka, Calif. Manufacture of stable powdered food products containing milk sugar. 2,126,807; Aug. 16.
- Peebles, David D., Eureka, P. D. V. Manning, Berkeley Woods, and A. H. Potbury, Berkeley, assignors to F. E. Booth Company, Inc., San Francisco, Calif. Fish cooking apparatus and method. 2,131,902; Oct. 4.
- Peebles, George H., Vancouver, British Columbia, Canada. Illuminated sign unit. 2,125,687; Aug. 2.
- Peebles, Ruth B., Williamsburg, Va. Character doll. 2,113,532; Apr. 5.
- Peek, Paul, B. Johansson and E. Marcard, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio receiver control. 2,128,561; Aug. 30.
- Peek, Horace H., Sr., Chattanooga, Tenn. Boiler. 2,116,211; May 3.
- Peel, Frederick W. (See Roberts, D., and Peel.)
- Peel, Frederick W. (See Roberts, D., Scott, and Peel.)
- Peel, Frederick W., Baltimore, Md., assignor to Rubatex Products, Inc., New York, N. Y. Manufacturing rubber. 2,110,400; Mar. 8.
- Peel, Frederick W., Bedford, Va., assignor to Rubatex Products, Inc., New York, N. Y. Gas expanded rubber. 2,138,877; Dec. 6.
- Peerless Chain Company. (See Bambenek, Joseph B. and D. C., assignors.)
- Peerless Film Processing Corporation. (See Krupa, Victor, assignor.)
- Peerless of America. (See Kritzer, R. W., and Hoessel, assignors.)
- Peerless Roll Leaf Co. (See Grupe, William F., assignor.)
- Peerless Roll Leaf Co. (See Wickwire, Arthur M., Jr., assignor.)
- Peerless Sample Card Co. Inc. (See Damber, Joseph, assignor.)
- Peerless Weighing and Vending Machine Corporation. (See Hakanson, Alfred, assignor.)
- Peerless Wire Goods Co. (See Schweller, S. M., and Schilling, assignors.)
- Peerson, Earl D., Chicago, Ill. Supplementary air mixer for internal combustion engines. 2,113,925; Apr. 12.
- Peery, Elmer J. (See Garrard, G. W., and Peery.)
- Peet, Charles H. (See Heckert, L. C., and Peet.)
- Peet, Gerald D., Montclair, assignor to Wallace & Tierman Products, Inc., Belleville, N. J. Making air vapor mixtures. 2,141,875; Dec. 27.
- Peet, Robert B. (See Burke, W. E., Allen, Peet, Ritchie, and Gale.)
- Peffer, Anton T., St. Cloud, Minn. Holy water dispenser. 2,119,055; May 31.



- Peffer, Albert N., Ossining, N. Y. Bell ringing device for electric toy trains. 2,129,233; Sept. 6.
- Pehlke, John, Detroit, Mich. Junction box mechanism. 2,129,442; Sept. 6.
- Pehrson, Alfred P. (See Knibbs, N. V. S., and Pehrson.)
- Pehrson, Johan M., and R. V. Pehrson, Stockholm, Sweden. Pneumatic drying plant and device. 2,115,645; Apr. 26.
- Pehrson, Johan M. and R. V., Stockholm, Sweden. Drying material sensitive to overheating. 2,117,822; May 17.
- Pehrson, Ragnar V. (See Pehrson, Johan M. and R. V.)
- Peik, Louis D. (See Wean, R. J., and Peik.)
- Peik, Louis D., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrading apparatus. 2,104,055; Jan. 4.
- Peik, Paul G., Cleveland, Ohio. Muffler. 2,118,056; May 24.
- Peil, Joseph, Detroit, Mich. Arch support. 2,124,496; July 19.
- Peiler, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Device for blowing and cooling glassware. 2,123,145; July 5.
- Peiler, Karl E., and W. T. Barker, Jr., West Hartford, assignors to Hartford-Empire Company, Hartford, Conn. Forehearth for molten glass. 2,139,770; Dec. 13.
- Peiler, Karl E., and W. T. Barker, Jr., West Hartford, assignors to Hartford-Empire Company, Hartford, Conn. Forehearth for molten glass. 2,139,911; Dec. 13.
- Pellert, Friedrich W., Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckan, Germany. Sluice gate. 2,139,458; Dec. 6.
- Pell, Douglas M., and N. Macintyre, Glasgow, Scotland. Lamp for road vehicles. 2,123,435; July 12.
- Peirce, Charles L., Jr., Pittsburgh, Pa., assignor of one-half to Hubbard and Company. Solderless connector. 2,135,623; Nov. 8.
- Peirce, William B., Pittsburgh, and N. J. Kouche, assignors to Flannery Bolt Company, Bridgeville, Pa. Staybolt and manufacturing the same. 2,121,979; June 28.
- Pekor, Richard B. (See Richardson, N. C., and Pekor.)
- Pekrol, John, assignor to S. Allocca, Newark, N. J. Brush holder. 2,129,150; Sept. 6.
- Pelayo, Pastor R. (See Garcia, Nestor, assignor.)
- Pele, Joseph J., Chicago, Ill. Production of alcohols from petroleum. 2,110,816; Mar. 8.
- Pelich, Eduard, Brno, Czechoslovakia. Fluid measurement apparatus. 2,123,577; July 12.
- Pelkus, Henry L., Jr. (See Pelkus, Leo C. and H. L.)
- Pelkus, Leo C. and H. L., Jr., Boston, Mass. Dental fluoroscopic instrument. 2,140,269; Dec. 13.
- Pell-Walpole, William T. (See Hanson, D., and Pell-Walpole.)
- Pellegrini, Albert, Staten Island, N. Y. Dress form. 2,136,888; Nov. 15.
- Pellerin, Fabienne, assignor to Flip-Top, Ltd., New York, N. Y. Shoe bag. 2,119,490; May 31.
- Pelletier, Philippe, and P. Vaillancourt, Beupre, Quebec, Canada. Rail joint. 2,104,165; Jan. 4.
- Pellett, Fred G., Schenectady, N. Y., assignor to General Electric Company. Abradant. 2,123,062; July 5.
- Pellett, Jackson S., Franklin, N. J., assignor to The New Jersey Zinc Company, New York, N. Y. Classification. 2,105,126; Jan. 11.
- Pellette, Clara, Lebanon, Ind. Pipe cleaner. 2,114,236; Apr. 12.
- Pellkofer, Joseph, Regensburg, Germany. Sterilizing apparatus for surgical and dental appliances and the like. 2,127,932; Aug. 23.
- Pelly, Bernard B. (See Schwarz, Harvey G., assignor.)
- Pelmulder, Chester, San Francisco, and H. O. Storm, Palo Alto, assignors to Globe Wireless Ltd., San Francisco, Calif. Remote tuning of radio receivers. 2,112,446; Mar. 29.
- Pelouch, James J. (See Schultz, P. I., and Pelouch.)
- Peltier, Frank D., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,134,888; Nov. 1.
- Pelton, Edward A., Newark, N. J., assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making a glass seal. 2,104,166; Jan. 4.
- Pelton, Frank, administrator. (See Ward, Julian P.)
- Pelton, George E., Alexandria, Va., and E. L. Jester, Washington, D. C.; said Jester assignor to said Pelton. Supplying ink to ink transfer members. 2,104,469; Jan. 4.
- Peltz, Gordon M., Elmhurst, assignor, by mesne assignments, to H. M. Brooks, New York, N. Y., W. T. Gardiner, Augusta, Maine, and J. H. Nissley, Mannheim, Pa., as trustees. Stoker for solid fuel. 2,127,933; Aug. 23.
- Pemberton, Cecil R., Silver Spring, Md. Composite plaster base and insulating unit. 2,141,821; Dec. 27.
- Pemberton, J. R. (See Weisgerber, Edwin C. R., assignor.)
- Penberthy Injector Company. (See Byram, Frederick C., assignor.)
- Penberthy Injector Company. (See Yoder, Howard D., assignor.)
- Pendleton, Louis B., St. Louis, Mo. Movable auto top. 2,118,520; May 24.
- Pendleton, M. B., et al. (See Stevens, R. L., and Dallas, assignors.)
- Penglase, Joseph, Rogers City, Mich. Rivet set retaining collar. 2,114,503; Apr. 19.
- Penick, Arthur J. (See Penick, Kirby T., and A. J.)
- Penick, Arthur J. and K. T., Houston, Tex. Deep well pump. 2,130,598; Sept. 20.
- Penick & Ford, Ltd. (See Kesler, Carl C., assignor.)
- Penick, Kirby T. (See Penick, Arthur J. and K. T.)
- Penick, Kirby T. and A. J., Houston, Tex. Stuffing box. 2,141,404; Dec. 27.
- Penley, Benjamin S., Yeadon, Pa., assignor to The Barrett Company, New York, N. Y. Apparatus for surfacing roofing. 2,133,473; Oct. 18.
- Penn, Carl, assignor to Penn Electric Switch Co., Des Moines, Iowa. Variable temperature burner control system. 2,136,753; Nov. 15.
- Penn Electric Switch Co. (See Henning, Malcolm E., assignor.)
- Penn Electric Switch Co. (See Penn, Carl, assignor.)
- Penn Electric Switch Co. (See Persons, Lawrence M., assignor.)
- Penn Electric Switch Co. (See Shaw, Burton E., assignor.)
- Penn Metal Company. (See Redding, E. T., and Spinosa, assignors.)
- Penn Metal Company. (See Spinosa, Arthur V., assignor.)
- Penn Metal Corporation of Penna. (See Sagendorph, F. E., 2nd, and Baittinger, assignors.)
- Penn, William D., Dallas, Tex. Hearing aid apparatus and method. 2,110,817; Mar. 8.
- Penn, William D., Dallas, Tex. Hearing aid apparatus. 2,123,119; July 5.
- Penn, William D., Dallas, Tex. Hearing aid apparatus. 2,140,969; Dec. 20.
- Pennant Knitting Mills. (See Safflas, Samuel, assignor.)
- Pennell, Ford, Webster Groves, Mo. Coupling for electric conductors. 2,132,967; Oct. 11.
- Pennell, Lawrence P., and W. F. Stone, Chicago, Ill., and W. E. Naylor, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Conveyor scale. 2,104,546; Jan. 4.
- Penney, Gaylord W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve control system. 2,125,083; July 26.
- Penney, Gaylord W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical precipitator for atmospheric dust. 2,129,783; Sept. 13.
- Penniman, William B. D., Baltimore, Md. Making oxidized products. 2,112,250; Mar. 29.
- Penniman, William B. D., Baltimore, Md., assignor to Ellis-Foster Company. Motor fuel. 2,132,968; Oct. 11.
- Penning, Frans M., M. C. Teves, and H. Lems, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken Photoelectric tube. 2,112,975; Apr. 5.
- Pennington, Harry, San Antonio, Tex. Rotary. 2,115,279; Apr. 26.
- Pennino, Oreste, New York, N. Y. Combination clip and brooch structure. 2,119,178; May 31.
- Pennow, Willis A., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode feed mechanism for searchlights. 2,140,372; Dec. 13.
- Pennrich, Henry C., Brussels, Belgium. Cracking of hydrocarbons such as for the production of high grade so-called antiknock motor fuel. 2,111,223; Mar. 15.
- Pennrich, Henry C., Brussels, Belgium. Cracking hydrocarbon oils. 2,123,960; July 19.
- Pennsylvania Coal Products Company. (See Lofton, W. M., Jr., and Burroughs, assignors.)
- Pennsylvania Coal Products Company. (See Lofton, W. M., Jr., Jones, Pyle, and Hoffman, assignors.)
- Pennsylvania Crusher Company. (See Borton, George W., assignor.)
- Pennsylvania Crusher Company. (See Buchanan, Gordon, assignor.)
- Pennsylvania Crusher Company. (See Campbell, Herbert F., assignor.)
- Pennsylvania Furnace & Iron Co. (See Andersen, Christian S., assignor.)
- Pennsylvania Furnace & Iron Co. (See Cray, Horace A., assignor.)
- Pennsylvania Industrial Chemical Corporation. (See Corkery, Frank W., assignor.)
- Pennsylvania Lawn Mower Works. (See Braun, William F. H., assignor.)
- Pennsylvania Petroleum Research Corporation. (See Fenske, Merrell R., assignor.)
- Pennsylvania Petroleum Research Corporation. (See Fenske, M. R., and McCluer, assignors.)
- Pennsylvania Petroleum Research Corporation. (See McCluer, Wilbert B., assignor.)
- Pennsylvania Pump and Compressor Company. (See Raymond, Ward, assignor.)
- Pennsylvania Railroad Company, The. (See Brenner, Benjamin H., assignor.)
- Pennsylvania Railroad Company. (See Elsey, W. R., and Meyer, assignors.)
- Pennsylvania Railroad Company. (See Grindall, W. H., and Billstein, assignors.)
- Pennsylvania Railroad Company, The. (See Hill, Ernest R., assignor.)
- Pennsylvania Railroad Company, The. (See Hoke, Harry A., assignor.)
- Pennsylvania Railroad Company, The. (See Lowry, R. G. F., and Nonemaker, assignors.)



- Pennsylvania Railroad Company, The. (See Madden, William J., assignor.)
- Pennsylvania Railroad Company, The. (See Seider, Leo J., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Lehmann, Rudolph, assignor.)
- Pennsylvania Salt Manufacturing Company. (See Schmidt, Heinrich, assignor.)
- Pense, Walter. (See Asch, W., Janz, Pense, and Voss.)
- Pense, Walter. (See Hess, F., Hager, and Pense.)
- Pensky, Irving, Brooklyn, N. Y. Handle for tooth brushes. 2,114,149; Apr. 12.
- Pentecost, Stephen J., et al. (See Hall Archibald John, assignor.)
- Pentecost, William, et al. (See Blalock, Eugene M., assignor.)
- Penton, Joseph T., Los Angeles, Calif. Enameled article. 2,130,631; Sept. 20.
- Peo, Ralph F. (See Lautz, C. F., and Peo.)
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Governor clutch. 2,107,341; Feb. 8.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Air conditioning evaporator unit. 2,116,981; May 10.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Link assembly. 2,126,408; Aug. 9.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Oil separator for evaporators. 2,139,459; Dec. 6.
- Peo, Ralph F., C. F. Lautz, and G. M. Magrum, assignors to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber valve structure. 2,139,912; Dec. 13.
- People in the territory of the United States of America, Dedicated to the free use of the. (See Rose, W. G., and Haller.)
- People of the United States, Dedicated to the free use of. (See Markwood, Louis N., assignor.)
- People of the United States, Dedicated to the free use of. (See Paine, H. S., and Ward.)
- People of the United States, Dedicated to the free use of the. (See Dearborn, Frederick E.)
- People of the United States, Dedicated to the free use of the. (See Emery, Walter T.)
- People of the United States, Dedicated to the Free Use of the. (See Flynn, T. P., and Neils.)
- People of the United States, Dedicated to the free use of the. (See Goodhue, Lyle D., assignor.)
- People of the United States, dedicated to the free use of the. (See Hopkins, Edwin F.)
- People of the United States, Dedicated to the free use of the. (See Ley, G. J., Payne, and Akau.)
- People of the United States, Dedicated to the free use of the. (See Monteith, John, Jr.)
- People of the United States, Dedicated to the free use of the. (See Swenson, Theodore L.)
- People of the United States, Dedicated to the free use of the. (See Thurber, Francis H.)
- People of the United States, Dedicated to the free use of the. (See Vivian, D. L., and Haller.)
- People of the United States, Dedicated to the free use of the. (See Webb, B. H., and Ramsdell.)
- People of the United States, Free use of the. (See McKinney, Robert S.)
- People of the United States of America. (See Blanck, F. C., Swenson, Mortern, Goresline, and Nelson.)
- People of the United States of America. (See McKinney, Robert S.)
- People of the United States of America, Dedicated to the free use of the. (See Barber, George W., assignor.)
- People of the United States of America, Dedicated to the free use of the. (See Goodhue, Lyle D.)
- People of the United States of America, Dedicated to the free use of the. (See Leatherman, Martin.)
- People of the United States of America, Dedicated to the free use of the. (See Paine, H. S., and Yanovsky.)
- People of the United States of America, Dedicated to the free use of the. (See Smith, Lloyd E.)
- People of the United States of America, Dedicated to the free use of the. (See Whittier, E. O., and Gould.)
- People of the United States of America, Dedicated to the free use of the. (See Wilson, H. L., and Johnson.)
- People of the United States of America, Free use of the. (See La Bell, Oldric J.)
- Peoples, James E., Alva, Okla. Air conditioner. 2,136,631; Nov. 15.
- Peplin, Charles H. (See Bessom, E. A., and Peplin.)
- Peplin, Charles H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt hold-down for sole attaching machines. 2,130,366; Sept. 20.
- Peppas, Sam, Elyria, Ohio, Chair. 2,124,893; July 26.
- Peppas, Sam, Elyria, Ohio, Chair. 2,136,058; Nov. 8.
- Pepper, Byron J. (See Janch, R. J., and Pepper.)
- Pepperell Manufacturing Company. (See Russell, Frank H., assignor.)
- Peppiatt, Ralph, Freeport, N. Y. Tack container. 2,134,927; Nov. 1.
- Peppin, Joseph Moners, N. Y. Rail fastening device and guard. 2,110,818; Mar. 8.
- Peppler, Leslie A. (See Wery, A. G., and Peppler.)
- Peraut, Joseph A., Brooklyn, N. Y. Medicated filler sole. 2,109,657; Mar. 1.
- Perazzoli, Henry J., Philadelphia, Pa. Transmission mechanism. 2,106,918; Feb. 1.
- Perazzoli, Henry J., Philadelphia, Pa. Grinding machine. 2,114,454; Apr. 19.
- Perazzoli, Henry J., Philadelphia, Pa. Track grinder. 2,118,621; May 24.
- Perazzoli, Henry J., Philadelphia, Pa. Mechanism for clamping mobile units to rails. 2,132,861; Oct. 11.
- Perazzoli, Henry J., Philadelphia, Pa. Grinding equipment. 2,137,305; Nov. 22.
- Perazzoli, Henry J., Philadelphia, Pa. Cutting or grinding equipment. 2,137,306; Nov. 22.
- Percival, Johanna M., administratrix. (See Klahn, Emil.)
- Percival, John H., De Kalb, Mo. Aeroplane. 2,111,988; Mar. 22.
- Pereyra, José A., Lima, Peru. Vote registering apparatus. 2,133,755; Oct. 18.
- Percival, William S. (See Bowman-Manifold, M., and Percival.)
- Percival, William S. (See White, E. L. C., and Percival.)
- Percival, William S., Hanwell, and E. L. C. White, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, England. Feeder and the like for electric currents of high frequency. 2,127,088; Aug. 16.
- Perco, Francesco. (See Paolini, M., and Perco.)
- Percy, Earl N. (See Rea, J. C., and Percy.)
- Percy, Earl N., assignor to Dry Fruit Products Company, Oakland, Calif. Controlling consistency of dry fruit. 2,110,170; Mar. 8.
- Percy, Earl N., assignor to Dry Fruit Products Company, Oakland, Calif. Drying fruit. 2,118,324; May 24.
- Peremi, Edmund, and L. Toth, Manhasset, N. Y. Window construction. 2,111,224; Mar. 15.
- Peremi, Edmund, and L. Toth, Manhasset, N. Y. Glazing strip. 2,119,685; June 7.
- Perfect Circle Company, The. (See Given, Fred H., assignor.)
- Perfect Circle Company, The. (See Teetor, Ralph R., assignor.)
- Perfection Stove Company. (See Chadwick, L. S., and Focke, assignors.)
- Perkins, Albert E., London, England. Binding of booklets, catalogues, or the like. 2,119,511; June 7.
- Perkins, Albert G., Warsaw, N. Y. Feed apparatus for pipe coating machines and the like. 2,108,319; Feb. 15.
- Perkins, B. F., & Son, Inc. (See Shorrock, James P., assignor.)
- Perkins, Benjamin F., Holyoke, Mass. Package of pliable articles. 2,111,723; Mar. 22.
- Perkins, Clarence B. (See Cuno, C. H., and Perkins.)
- Perkins, Edwin A., et al. (See Crum, Roland R., assignor.)
- Perkins, Floyd R., Chicago, Ill. Sealed package and closure therefor. 2,123,546; July 12.
- Perkins, Frank P., assignor to Michael Yundt Company, Waukesha, Wis. Conveying machinery. 2,131,816; Oct. 4.
- Perkins, Frank P., assignor to Michael Yundt Company, Waukesha, Wis. Conveyor. 2,141,876; Dec. 27.
- Perkins, Granville A. (See Chitwood, H. C., and Perkins.)
- Perkins, James H., Winchester, Ky. Adjustable knife. 2,134,839; Nov. 1.
- Perkins, Julian L., West Springfield, Mass. Machine for forming gears. 2,112,996; Apr. 5.
- Perkins, Julian L., West Springfield, Mass. Wringer. 2,112,997; Apr. 5.
- Perkins, Julian L., West Springfield, Mass. Drainboard. 2,116,363; May 3.
- Perkins, Julian L., West Springfield, Mass. Wringer head. 2,127,186; Aug. 16.
- Perkins, Julian L., West Springfield, Mass. Wringer. 2,133,566; Oct. 18.
- Perkins, Julian L., West Springfield, Mass. Wringer. 2,133,567; Oct. 18.
- Perkins, Julian L., West Springfield, Mass. Wringer head. 2,133,568; Oct. 18.
- Perkins, Karl D., Providence, R. I. Ventilating enclosures. 2,140,055; Dec. 13.
- Perkins, Leslie R. (See Swift, W., and Perkins.)
- Perkins, Ralph P. (See Arnold, J. B., and Perkins.)
- Perkins, Ralph P. (See Britton, E. C., Coleman, and Perkins.)
- Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Alkylating phenols. 2,125,310; Aug. 2.
- Perkins, Ralph P., and A. J. Dietzler, assignors to The Dow Chemical Company, Midland, Mich. Vapor phase hydrolysis of halogenated hydrocarbons. 2,107,710; Feb. 8.
- Perkins, Robert L., East Aurora, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Manufacture of iron oxide products. 2,105,670; Jan. 18.
- Perkins, Theodore R., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Regulation of magnetic electron multipliers. 2,130,152; Sept. 13.
- Perley, George A. (See Doyle, E. D., and Perley.)



- Perley, George A., assignor to Leeds & Northrup Company, Philadelphia, Pa. Apparatus for measuring ion-concentration. 2,108,293; Feb. 15.
- Perlman, Charles. (See Swanton, Frederick V. W., assignor.)
- Perlman, David, New York, N. Y. Time control device. 2,115,280; Apr. 26.
- Perlmutter, Henry A., New York, N. Y., assignor to Artistic Lamp Manufacturing Company, Inc. Lamp joint. 2,133,923; Oct. 18.
- Perma Corporation. (See Rogge, Albert C., assignor.)
- Permanent Mothproof Company. (See Nederman, Harold J., assignor.)
- Permatex Company. (See Benoit, Constant A., assignor.)
- Permutit Company, The. (See Bowers, H. L., and Riley, assignors.)
- Permutit Company, The. (See Bruce, W. M., and Riley, assignors.)
- Permutit Company (1934), The. (See Clark, Thomas B., assignor.)
- Permutit Company, The. (See Goetz, Paul C., assignor.)
- Permutit Company, The. (See Pick, Eric, assignor.)
- Permutit Company, The. (See Riley, Ray, assignor.)
- Permutit Company, The. (See Schinman, Edward P., assignor.)
- Perner, Charles F., Yonkers, N. Y. Nursing bottle holder. 2,111,724; Mar. 22.
- Peron, Anthony, New York, N. Y. Manufacture of cooking utensils. 2,108,409; Feb. 15.
- Peropat, Anthony F., assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Sheet feeding mechanism. 2,131,967; Oct. 4.
- Perquin, Johannes N. J., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Polymerization of olefines. 2,117,498; May 17.
- Perr, Martin, Newark, N. J. Support coupler for gaseous vapor electric lamps. 2,138,013; Nov. 29.
- Perr, Martin, assignor of one-half to W. H. Rabinowitz, Newark, N. J. Quill brush holder. 2,138,012; Nov. 29.
- Perrault, Amos, Detroit, Mich. Golf practice device. 2,141,250; Dec. 27.
- Perrault, Josephat. (See Guillon, E., and Perrault.)
- Perrault, Jules A., et al. (See Eaton, Roland D., assignor.)
- Perreault, George E. (See Barrett, B. A., and Perreault.)
- Perret, Albert E., New York, assignor, by mesne assignments, to Electro-Mechanical Research Inc., Brooklyn, N. Y. Condenser structure. 2,112,815; Mar. 29.
- Perrin, Jay C., Los Angeles, Calif., assignor to Towlsaver, Inc. Towel dispenser. 2,105,928; Jan. 18.
- Perrin, Lloyd J., assignor to O. Heath, Casper, Wyo. Bacon rinder. 2,129,234; Sept. 6.
- Perrin, René, assignor to Société d'Electrochimie d'Electrometallurgie et des Aciéries Electriques d'Ugine, Paris, France. Dephosphorizing metals. 2,123,658; July 12.
- Perrine, Emmett B., Minneapolis, Minn. Fishing reel. 2,129,443; Sept. 6.
- Perron, Walter C., Hastings, Minn., assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Dusting machine. 2,112,603; Mar. 29.
- Perrott, Laurence F., Revere, Mass., assignor to General Electric Company, Cathode. 2,141,933; Dec. 27.
- Perruca, Felix, St.-Etienne, assignor to Société à responsabilité limitée "La Filière Unicum," Paris, France. Variable speed gearing. 2,132,801; Oct. 11.
- Perry, Bertel T., Franklin, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Testing machine. 2,114,029; Apr. 12.
- Perry, Edward D., Watertown, Conn., assignor, by mesne assignments, to Stern-Brown, Inc., Long Island City, N. Y. Sadiron. 2,140,852; Dec. 20.
- Perry, Ira D., Chicago, Ill., assignor to E. G. Clements, Washington, D. C. Resilient valve for bladders and the like. 2,136,520; Nov. 15.
- Perry, James M., Lake Charles, La. Dice game accessory. 2,104,375; Jan. 4.
- Perry, John A., Toronto, Ontario, Canada. Hydraulic brake mechanism. 2,120,294; June 14.
- Perry, Joseph, St. Louis, Mich. Bird band. 2,138,040; Nov. 29.
- Perry, Nelson I., Chicago, Ill. Combined foot brake and accelerator. 2,125,952; Aug. 9.
- Perry, Richard Gilbert. (See Finlayson, D., and Perry.)
- Perry, Robert E., Chicago, Ill. Dispensing device. 2,105,892; Jan. 18.
- Perry, Robert L., Chicago, Ill. Electric sign. 2,120,259; June 14.
- Perry, Walter M. (See Drain, J. A., Jr., and Perry.)
- Perry, Walter M., assignor to Sperry Products, Inc., Brooklyn, N. Y. Track recorder mechanism. 2,118,105; May 24.
- Perry, Walter M., assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,135,050; Nov. 1.
- Perry, William H., Ocean Beach, Calif. Fluid fuel burner. 2,117,356; May 17.
- Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Speed control mechanism. 2,108,410; Feb. 15.
- Persch, Walther. (See Bockmühl, M., Dörzbach, and Persch.)
- Perseguiti, Joseph G., New York, N. Y. Ornamentation work. 2,104,547; Jan. 4.
- Pershall, Ralph H., Bremerton, assignor to Sanicut Mfg. Co., Port Orchard, Wash. Combined shearing device and closure for liquid dispensers. 2,133,772; Oct. 18.
- Pershing, Howell T., Jr., Denver, Colo. Electric motor. 2,124,672; July 26.
- Person, Alfred. (See Westrope, F. J., and Person.)
- Person, Alfred. (See Westrope, F. J., Haberstump, and Person.)
- Person, George W., and S. F. Prescott, assignors to Norton Company, Worcester, Mass. Abrasive device for truing spherical surfaces. 2,130,987; Sept. 20.
- Persons, Charles A., assignor to Persons-Majestic Mfg. Company, Worcester, Mass. Reflector. 2,124,793; July 26.
- Persons, Charles A., assignor to Persons-Majestic Mfg. Company, Worcester, Mass. Bicycle pedal. 2,141,446; Dec. 27.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Air circulating system. 2,127,046; Aug. 16.
- Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Room temperature controlling system. 2,131,295; Sept. 27.
- Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Evacuating thermostat assemblies. 2,135,839; Nov. 8.
- Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Expanding power means. 2,139,034; Dec. 6.
- Persons-Majestic Mfg. Company. (See Persons, Charles A., assignor.)
- Persson, Ernst, assignor to The International Postal Supply Company, Brooklyn, N. Y. Postage printing and metering machine. 2,104,668; Jan. 4.
- Perugia, Andre, Paris, France. Shoe. 2,136,084; Nov. 8.
- Pesaresi, Fritz, Grundschoffel, assignor to the firm: Eisen-u. Stahlwerk Walter Pevinghaus, Egge, Germany. Bearing. 2,134,621; Oct. 25.
- Pesark, John, Brooklyn, N. Y. Device for applying sealing wax. 2,118,415; May 24.
- Pesch, Oliver F., assignor to Mission Springs Water Company, Ltd., Los Angeles, Calif. Water cooler. 2,112,379; Mar. 29.
- Peskin, Leonard C., and H. R. Rice, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Rail fastening. 2,119,512; June 7.
- Pestaloza, Ugo, assignor to Società Italiana Pirelli, Milan, Italy. Manufacture of rubber thread. 2,127,070; Aug. 16.
- Pestardini, Giuseppe M., Turin, Italy. Direct current dynamo-electric machine. 2,138,666; Nov. 29.
- Pestardini, Joseph M., Grant City, Staten Island, N. Y. Electric current converter. 2,106,014; Jan. 18.
- Pestardini, Joseph M., Grant City, Staten Island, N. Y. Electric direct current transformer. 2,107,740; Feb. 8.
- Pestardini, Joseph M., Grant City, Staten Island, N. Y. Direct current electrical generator. 2,112,604; Mar. 29.
- Pestardini, Joseph M., Grant City, Staten Island, N. Y. Constant current motor system. 2,115,536; Apr. 26.
- Pestardini, Joseph M., Grant City, Staten Island, N. Y. Electrical machine of the kind called metadyne, operating at an adjustable constant speed. 2,122,237; June 28.
- Pestardini, Joseph M., Grant City, Staten Island, N. Y. Amplifier of space displacements. 2,122,917; July 5.
- Pestardini, Joseph M., Staten Island, N. Y. Electrical equipment. 2,125,806; Aug. 2.
- Pestardini, Joseph M., Turin, Italy. Direct current commutating type dynamo-electric machine. 2,138,667; Nov. 29.
- Pestco Laboratories, Inc. (See Foote, James W., assignor.)
- Pestel, Arthur, New York, N. Y. Eraser appliance. 2,132,643; Oct. 11.
- Peteler, Adolph, Freeport, N. Y. Shock absorber valve. 2,136,460; Nov. 15.
- Peter, Albin, assignor to the firm Chemical Works, formerly Sandoz, Basel, Switzerland. Dyestuffs of the anthraquinone series and their manufacture. 2,117,569; May 17.
- Peter, Albin, assignor to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Anthraquinone dyestuffs and their manufacture. 2,121,928; June 28.
- Peter, Charles. (See Giger, W., and Peter.)
- Peter, Edmund W. A., Vancouver, British Columbia, Canada. Index device. 2,115,537; Apr. 26.
- Peter, Hans, Liestal, assignor to the firm of Schneeräumungsmaschinen A. G., Niedergerlafingen, Switzerland. Snow plow. 2,124,927; July 26.
- Peter, Hans K., Liestal, Switzerland. Driving device provided with endless track chains for motor vehicles. 2,124,708; July 26.
- Peter, John P. C., Westfield, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Plaster with retarded suction effect. 2,112,302; Mar. 29.
- Peter, William J., and B. J. Yanchenko, assignors to Aqua Systems Incorporated, New York, N. Y. Liquid dispenser. 2,128,499; Aug. 30.
- Peterman, Theodore A., Tacoma, Wash. Wheel construction. 2,124,469; July 19.
- Petermichl, Franz, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,130,999; Sept. 20.



- Petermichl, Franz, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,131,000; Sept. 20.
- Peters, Alfred. (See Brodersen, K., and Peters.)
- Peters, Anna L., administratrix. (See Peters, Nicholas.)
- Peters Brothers Rubber Company. (See Papp, G., and Meyer, assignors.)
- Peters, Charles F., Great Kills, Staten Island, N. Y. Automatic time and program selector. 2,122,779; July 5.
- Peters, Charles L. (See Hensler, B. A., and Peters.)
- Peters, Edward B., assignor to Standard Sports Mfg. Co., Chicago, Ill. Inflatable ball. 2,118,325; May 24.
- Peters, Elmer P. (See Kent, J. W., and Peters.)
- Peters, Fred J., St. Louis, Prince Edward Island, assignor of one-half to F. C. Ramsey, Albertson, Prince Albert Island, Canada. License plate fastener. 2,123,796; July 12.
- Peters, Frederick F., and C. A. Stenger, Glenndonville, Mo. Automobile jack mechanism. 2,126,972; Aug. 16.
- Peters, Frederick W., Cleveland, Ohio. Sealing means. 2,121,299; June 21.
- Peters, George E., and L. E. Russell, assignors to Peters & Russell, Inc., Springfield, Ohio. Horn ring for automobiles. 2,131,542; Sept. 27.
- Peters, Henry W., West Roxbury, Mass. Ornamenting pipe bowls and the like. 2,133,209; Oct. 11.
- Peters, Jacob C. Jr. (See Stein, I. M., and Peters.)
- Peters, John, Teaneck, N. J., and H. M. Crosby, Jackson Heights, assignors to News Syndicate Co. Inc., New York, N. Y. Apparatus for drying printing plates. 2,120,471; June 14.
- Peters, John F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brush for high intensity arc searchlights. 2,125,171; July 26.
- Peters, John F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Remote control system. 2,130,899; Sept. 20.
- Peters, Leo R., Garfield Heights, Ohio, assignor to General Electric Company. Manufacturing an electric device. 2,107,903; Feb. 8.
- Peters, Leo R., Cleveland, Ohio, assignor to General Electric Company. Resistance welding apparatus. 2,123,063; July 5.
- Peters, Leslie E., and L. H. Handy, San Francisco, Calif. Beverage dispenser. 2,127,615; Aug. 23.
- Peters, Martin J., assignor to Moore Brothers Company, New York, N. Y. Dispensing device. 2,110,713; Mar. 8.
- Peters, Melville F., Riverdale, Md. Booster switch system. 2,110,171; Mar. 8.
- Peters, Melville F., Beltsville, Md. Detecting defects in ignition shielding. 2,123,910; July 19.
- Peters, Nicholas, deceased, by A. L. Peters, administratrix, Cleveland, Ohio. Slack eliminator for shoe patching machines. 2,138,981; Dec. 6.
- Peters, Oscar A., Phoenix, N. Y., and W. H. Maynard, assignors to Porter Screen Company, Winooski, Vt. Extensible window screen. 2,113,310; Apr. 5.
- Peters, Ralph W. (See Lane, G. T., and Peters.)
- Peters, Rupert P. (See Gabbott, E. P., and Peters.)
- Peters & Russell, Inc. (See Peters, G. E., and Russell, assignors.)
- Peters, William F., Seattle, Wash. Foldable card table. 2,124,007; July 19.
- Peters, William H., Flat Rock, assignor to Ford Motor Company, Dearborn, Mich. Headlamp construction. 2,104,437; Jan. 4.
- Peters, William J. (See Hartog, Stephen D., assignor.)
- Petersen, Anker, Boston, assignor to J. J. Lannon, West Newton, Mass. Braided fabric and making same. 2,111,639; Mar. 22.
- Petersen, Anker, Boston, assignor to J. J. Lannon, West Newton, Mass. Braiding machine. 2,122,291; June 28.
- Petersen, Anker, Boston, assignor to J. J. Lannon, West Newton, Mass. Carrier for braiding machines. 2,122,292; June 28.
- Petersen, Carl M., deceased, Morrisville, Pa.; S. W. Petersen, executrix. Switch mechanism. 2,139,561; Dec. 6.
- Petersen, Edgar G., Jackson, and F. E. Beach, Detroit, assignors to Ryerson & Haynes, Inc., Jackson, Mich. Shutter construction. 2,133,924; Oct. 18.
- Petersen, Hans. (See Wilms, G. O., and Petersen.)
- Petersen, Imfried, Wolfen, and A. Zehetmayr, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing ammonium nitrate of low weight per unit of volume. 2,123,661; July 12.
- Petersen, James, St. Louis, Mo. Separator. 2,111,725; Mar. 22.
- Petersen, John E., Oak Park, Ill. Radio receiving set. 2,135,144; Nov. 1.
- Petersen, Leslie T., Denison, Iowa. Heated tank for livestock. 2,126,657; Aug. 9.
- Petersen, Marius E. (See Zachariasen, A., and Petersen.)
- Petersen, Peter C., assignor to Viking Pump Company, Cedar Falls, Iowa. Reversibly associated rotary pump and valve device. 2,131,968; Oct. 4.
- Petersen, Soren F. D., Webster City, Iowa. Thresher screen. 2,105,986; Jan. 18.
- Petersen, Stella W., executrix. (See Petersen, Carl M., assignor.)
- Petersen, Thorvald, assignor, by mesne assignments, to Reed Manufacturing Company, Erie, Pa. Vise. 2,127,008; Aug. 16.
- Petersen, William H., assignor to J. J. Ingels, Chicago, Ill. Metal joint for sheets or pipe. 2,126,499; Aug. 9.
- Petersen, William L., Springfield, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,112,177; Mar. 22.
- Petersime Incubator Company, The. (See Petersime, Ira M., assignor.)
- Petersime, Ira M., assignor to The Petersime Incubator Company, Gettysburg, Ohio. Electrothermo bath. 2,108,268; Feb. 15.
- Peterson, Aage V., Copenhagen, Denmark, assignor to F. L. Smith & Company, New York, N. Y. Alternating current apparatus. 2,106,556; Jan. 25.
- Peterson, Adolphe C., Edina, Minneapolis, Minn. Charge stratification dual charging internal combustion engine. 2,118,571; May 24.
- Peterson, Alfred G., Milton, Mass. Portable partition. 2,105,095; Jan. 11.
- Peterson, Alfred J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Remote indicating system. 2,114,857; Apr. 19.
- Peterson, Alfred T., St. Paul, assignor of one-half to H. V. Mercer, Minneapolis, Minn. Double acting shock absorber. 2,123,961; July 19.
- Peterson, Arthur W., North Attleboro, assignor to Metals & Controls Corporation, Attleboro, Mass. Alloy. 2,141,156; Dec. 20.
- Peterson, Arthur W., North Attleboro, assignor to Metals & Controls Corporation, Attleboro, Mass. Alloy. 2,141,157; Dec. 20.
- Peterson, Ben L., Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War. Fish ladder assembly. 2,119,555; June 7.
- Peterson, Ben L., Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War. Water supply and drainage system for fishlocks. 2,125,311; Aug. 2.
- Peterson, Bernard A., Detroit, Mich. Combustion chamber. Re. 20,866; Sept. 20.
- Peterson, Bernard A., Detroit, Mich. Combustion chamber. 2,136,635; Nov. 15.
- Peterson, Bert L., Wooster, Ohio. Well drill pipe. 2,117,357; May 17.
- Peterson, Burleigh B., Duluth, Minn., assignor to Talon, Inc., Meadville, Pa. Applying slide fasteners to articles. 2,124,079; July 19.
- Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Yarn clearer. 2,122,989; July 5.
- Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Warp-drawing machine. 2,127,616; Aug. 23.
- Peterson, Carl D., Toledo, Ohio. Flexible clutch shaft construction for automotive power plants. 2,104,669; Jan. 4.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Synchronizing clutch. 2,113,709; Apr. 12.
- Peterson, Carl H., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Helical spring machine. 2,119,513; June 7.
- Peterson, Carroll. (See Taylor, E. W., and Peterson.)
- Peterson, Charles W., assignor, by mesne assignments, to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator. 2,131,522; Sept. 27.
- Peterson, Chester, Maplewood, N. J., assignor to The H. A. Wilson Company. Contact. 2,141,113; Dec. 20.
- Peterson, Chester, Maplewood, N. J., assignor to The H. A. Wilson Company. Contact. 2,141,114; Dec. 20.
- Peterson, David. (See Moore, Edward, assignor.)
- Peterson, David H., Marion, Ohio. Device for holding fishing rods or poles. 2,130,650; Sept. 20.
- Peterson, Edward A., assignor to The Geo. F. Cram Company, Indianapolis, Ind. Illuminated globe. 2,115,372; Apr. 26.
- Peterson, Eric W., Endwell, N. Y. Container. 2,138,708; Nov. 29.
- Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Esters of pine wood pitch and producing. 2,138,193; Nov. 29.
- Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductance device. 2,130,508; Sept. 20.
- Peterson, Freeman O., Warren, Pa. Telescopic sight mount. 2,119,925; June 7.
- Peterson, Gust W., Long Beach, Calif. Method of and apparatus for waving hair. 2,123,378; July 12.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency compensator for an oscillation generator. 2,105,096; Jan. 11.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic volume control. 2,108,899; Feb. 22.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Ultrashort wave oscillation generator circuit. 2,108,000; Feb. 22.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna support. 2,126,030; Aug. 9.



- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Ultra-high-frequency communication system. 2,127,572; Aug. 23.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna system. 2,130,675; Sept. 20.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Idle time keying. 2,132,124; Oct. 4.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic volume control circuit. 2,135,599; Nov. 8.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal controlled oscillation generator. 2,135,730; Nov. 8.
- Peterson, Hartin F. (See Mussey, W. H., Murphy, and Peterson, assignors.)
- Peterson, Howard G., New York, N. Y. Distillate treating process. 2,141,798; Dec. 27.
- Peterson, J. Earl. (See Monroe, Spencer F., assignor.)
- Peterson, Joel D. (See Ketay, M. F., and Peterson.)
- Peterson, Johann G., West Hartford, Conn. Electric switch. 2,121,569; June 21.
- Peterson, Johann G., West Hartford, Conn. Electric switch. 2,121,570; June 21.
- Peterson, Johann G., West Hartford, Conn. Electric switch. 2,121,571; June 21.
- Peterson, John B., Bethesda, Md. Gyro magnetic compass. 2,135,552; Nov. 8.
- Peterson, John H. (See Dreblow, Alvin J., J. C., and R. O., and Peterson.)
- Peterson, John J., Cleveland, Ohio. Garbage truck. 2,130,099; Sept. 13.
- Peterson, John M., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Production of chlorine containing derivatives of rubber. 2,140,715; Dec. 20.
- Peterson, John T., Chicago, Ill. Making a spray gun. 2,119,056; May 31.
- Peterson, Jonas P., Hallock, Minn., assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Lock. 2,113,121; Apr. 5.
- Peterson, Joseph A. (See Olsen, C. E., and Peterson.)
- Peterson, Joseph O., Chicago, Ill. Surgical instrument. 2,112,447; Mar. 29.
- Peterson, Juel L. (See Smith, C., and Peterson.)
- Peterson, Liss C., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Space discharge amplifier circuit. 2,126,917; Aug. 16.
- Peterson, Oscar A., Albert Lea, Minn. Grease pump. 2,134,622; Oct. 25.
- Peterson, Oscar R., Low Moor, Iowa. Animal crate. 2,113,741; Apr. 12.
- Peterson, Peter, New Lisbon, Wis., assignor to E. Edelmann & Co., Chicago, Ill. Syringe hydrometer. 2,124,080; July 19.
- Peterson, Ralph F. (See Castner, J. B., and Peterson.)
- Peterson, Ruben O., Glen Ellyn, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer with molded housing. 2,114,908; Apr. 19.
- Peterson, Ruben O., Glen Ellyn, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Coating for gaskets and the like. 2,116,000; May 3.
- Peterson, Russell G. (See Osgood, G. H., and Peterson.)
- Peterson, Seth E., Galva, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,131,568; Sept. 27.
- Peterson, Willard D. (See Mannes, L. D., Godowsky, and Peterson.)
- Petit, Jean E., Levallois-Perret, France. Device for exerting a frictional action. 2,136,314; Nov. 8.
- Petit, William H., Dayton, Ohio, and E. S. Hinelein, assignors to Folmer Graflex Corporation, Rochester, N. Y. Photographically recording voting machine indications. 2,123,151; July 5.
- Petitcolas, Pierre, Rouen, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France. Water-insoluble azo dyestuffs. 2,141,667; Dec. 27.
- Petitcolas, Pierre, Rouen, and R. F. M. Sureau, Mont St-Aignan, assignors to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France. Azo dyestuff and the manufacture thereof. 2,134,642; Oct. 25.
- Petrea, Norfleet O., Mount Pleasant, N. C. Bottom roll clearer for textile machines. 2,126,500; Aug. 9.
- Petrie, William B., San Francisco, Calif. Straightedge tool. 2,127,617; Aug. 23.
- Petri, Peter, Pittsburgh, Pa. Spring curtain threader. 2,121,712; June 21.
- Petricek, Gustav J. (See Sturm, F. A., and Petricek.)
- Petrie, Peter S. (See Nutting, H. S., and Petrie.)
- Petrie, Gregory A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Fluid meter. 2,105,127; Jan. 11.
- Petrie, Gregory A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Valve mechanism. 2,139,937; Dec. 6.
- Petrolator Corporation. (See Svenson, Ernest J., assignor.)
- Petroleum Conversion Corporation. (See Colony, Myron W., assignor.)
- Petroleum Conversion Corporation. (See Holland, William W., assignor.)
- Petroleum Conversion Corporation. (See Sachs, Albert P., assignor.)
- Petroleum Engineering Inc. (See Raigorodsky, Paul M., assignor.)
- Petroleum Engineering, Incorporated. (See Stover, William A., assignor.)
- Petroleum Iron Works Company of Ohio, The. (See Shanor, Edgar E., assignor.)
- Petroleum Machinery Corporation. (See Campbell, William J., assignor.)
- Petroleum Processes Corporation, The. (See Stanton, Robert E., assignor.)
- Petroleum Processes Corporation, The. (See Tears, Claude F., assignor.)
- Petroleum Rectifying Company of California. (See Cage, John M., assignor.)
- Petroleum Rectifying Company of California. (See Cottrell, Frederick G., assignor.)
- Petroleum Rectifying Company of California. (See Fisher, Harmon F., assignor.)
- Petroleum Rectifying Company of California. (See Roberts, Claudius H. M., assignor.)
- Petroleum Rectifying Company of California. (See Sauer, Arthur G., assignor.)
- Petroleum Rectifying Company of California. (See Woelflin, William, assignor.)
- Petruchkin, Julio, Buenos Aires, Argentina. Grain harvester. 2,110,471; Mar. 8.
- Petrus-Blumberger, José S., Delft, Netherlands, assignor to General Aniline Works, Inc., New York, N. Y. Disazo dyestuffs. 2,128,537; Aug. 30.
- Petruzzelli, Dominick, et al. (See Indrieli, Alexander F., assignor.)
- Petsche, Gustav B. (See Fischer, A. K., and Petsche.)
- Petsche, Joseph D., and V. Bezjak, Cleveland, Ohio. Electric vehicle jack. 2,131,296; Sept. 27.
- Petskeyes, Charles H., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Wrapping machine. 2,105,159; Jan. 11.
- Petskeyes, Charles H., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Wrapping machine. 2,113,239; Apr. 5.
- Petskeyes, Charles H., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Wrapper feed mechanism for wrapping machines. 2,136,521; Nov. 15.
- Petskeyes, Charles H., assignor to Micro-Westco, Incorporated, Bettendorf, Iowa. Feed mechanism for slicing machines. 2,131,256; Sept. 27.
- Petter, Charles G., Paris, France. Automatic pistol. 2,139,203; Dec. 6.
- Pettit, Fred E., Jr., Beverly Hills, Calif. Combined marine gearset and reduction gear. 2,106,958; Feb. 1.
- Pettit, Ralph E., assignor to Aluminum Colors Incorporated, Indianapolis, Ind. Coloring oxide-coated aluminum surfaces. 2,127,885; Aug. 23.
- Pettit, Walter R., London, England. Machine for breaking concrete. 2,136,315; Nov. 8.
- Petty, George E., assignor to Blackburn Aircraft Limited, Brough, near Hull, England. Construction of wings, surfaces, and fuselages for aircraft. 2,136,265; Nov. 8.
- Petty, Joseph, Port Chester, N. Y. Stretching and fitting device. 2,121,822; June 23.
- Petty, Joseph, Port Chester, N. Y. Stretching and fitting device. 2,123,199; July 12.
- Petty, Kirk F., Phoenix, Ariz. Alignable tile. 2,111,003; Mar. 15.
- Petty, William S., assignor to R. and W. Young, Denver, Colo. Marking machine. 2,136,461; Nov. 15.
- Petty, Zach A., Becklev, W. Va. Bar. 2,125,807; Aug. 2.
- Petz, John L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,111,125; Mar. 15.
- Petz, John L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,135,948; Nov. 8.
- Petzoldt, Karl. (See Köhler, H., and Petzoldt.)
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Lubricating oil. 2,119,718; June 7.
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Pour point reducer. 2,121,326; June 21.
- Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Lubricating oil. 2,138,771; Nov. 29.
- Pew, Arthur E., Jr., Bryn Mawr, Pa., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Conversion and treatment of mineral oils. 2,121,046; June 21.
- Peycru, Louis, Paris, France. Apparatus for atomizing. 2,121,300; June 21.
- Peyer, Eduard, assignor to the firm Durand & Huguenin S. A., Basel, Switzerland. Sulphonated coeruleins and their manufacture. 2,137,143; Nov. 15.
- Peyinghaus, Walter. (See Bary, Victor A., assignor.)
- Peyinghaus, Walter, Egge, near Volmarstein-on-the-Ruhr, Germany. Lubricated axle bearing. 2,115,746; May 3.
- Peyrebrune, Henri E., Elmwood Park, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Rotary sheet transfer mechanism. 2,128,317; Aug. 30.
- Peyser, Joseph, Mount Vernon, N. Y. Producing matchbooks. 2,112,862; Apr. 5.



- Peyser, Joseph, Mount Vernon, N. Y. Assembling articles. 2,125,357; Aug. 2.
- Peyton, Harlan I., Spokane, Wash. Rotary cooking appliance. 2,122,780; July 5.
- Peyton, William C., New York, N. Y., and H. P. Anderson, Erie, Pa., assignors to The Standard Stoker Company, Inc. Stoker conveyor. 2,119,086; May 31.
- Pfaff, Henry C., Jr., East Orange, N. J. Sign holding device. 2,110,555; Mar. 8.
- Pfaff, Walter, Berlin-Zehlendorf, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,137,412; Nov. 22.
- Pfannenstiehl, Harry, Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical drive. 2,120,989; June 21.
- Pfau, Anton, Portland, Oreg. Whipping roller coaster. 2,136,019; Nov. 8.
- Pfau, Arnold. (See Ring, J. J., Nichols, and Pfau.)
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 2,112,251; Mar. 29.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Valve structure. 2,132,835; July 12.
- Pfaudler Co., The. (See Goecke, Rudolph F., assignor.)
- Pfaudler Co., The. (See Greene, Otto W., assignor.)
- Pfaudler Co., The. (See Sanford, Elbert A., assignor.)
- Pfauter, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Hydraulic pump. 2,138,194; Nov. 29.
- Pfeffer, Edward C., Jr., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Producing coated sheet metal articles. 2,122,537; July 5.
- Pfeiffer, Frank E. (See Pfeiffer, William C. and F. E.)
- Pfeiffer, Frederick, Freeport, N. Y. Electric plug. 2,121,713; June 21.
- Pfeiffer, Howard T., Woodlawn, Md. Brake. 2,123,379; July 12.
- Pfeiffer, Jacob F., Zurich, Switzerland, assignor to Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges., Schönan, near Chemnitz, Germany. Typewriting machine. 2,139,095; Dec. 6.
- Pfeiffer, Paul, Altona-Hamburg, Germany. Diesel pile driver. 2,126,409; Aug. 9.
- Pfeiffer, Wilhelm, Tepl, near Karlsbad, Czechoslovakia. Steam baking oven. 2,105,863; Jan. 18.
- Pfeiffer, William. (See Libovitz, H., Mueller, and Pfeiffer.)
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Manifold machine. 2,120,766; June 14.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Autographic register. 2,127,750; Aug. 23.
- Pfeiffer, William C., and F. E. Pfeiffer, assignors to The Egly Register Company, Dayton, Ohio. Autographic register. 2,108,564; Feb. 15.
- Pfeil, Leonard B., Edgbaston, Birmingham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Manufacture of alloys. 2,138,459; Nov. 29.
- Pfiffner, Albert F. (See Plekenbrock, Anthony E., assignor.)
- Pfister, Alfred, Englewood, N. J. Reducing composition. 2,109,708; Mar. 1.
- Pfister, Arthur, Woodside, Long Island, N. Y. Sound propagating device. 2,135,840; Nov. 8.
- Pfister, Arthur, Woodside, N. Y., assignor to Radio Corporation of America. Variable acoustical reverberation system. 2,104,811; Jan. 11.
- Pfister, William A. (See Price, E., and Pfister.)
- Pfister, Willy, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Starting apparatus for internal combustion engines. 2,115,671; Apr. 26.
- Pfister, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Car truck. 2,106,359; Jan. 25.
- Pfister, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway car structure. 2,109,275; Feb. 22.
- Pfister, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway vehicle structure. 2,109,276; Feb. 22.
- Pfister, Harry M., St. Louis, assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,127,934; Aug. 23.
- Pfister, Harry M., St. Louis, Mo., and E. S. Beckett, East St. Louis, assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,127,935; Aug. 23.
- Pfanz, Ernest L., Glencoe, Ill. Filter. 2,115,232; Apr. 26.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,105,260; Jan. 11.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 2,114,909; Apr. 19.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch control apparatus. 2,117,677; May 17.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,123,962; July 19.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,123,963; July 19.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,126,658; Aug. 9.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,126,659; Aug. 9.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,130,470; Sept. 20.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,132,125; Oct. 4.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,133,177; Oct. 11.
- Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,133,306; Oct. 18.
- Pfeghar, Alfons, assignor to Elektro-Bohner G. m. b. H., Stuttgart-Bad Cannstatt, Germany. Sheet metal canner. 2,107,212; Feb. 1.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Float construction. 2,127,667; Aug. 23.
- Pfeger, Joseph, and M. Marrapese, Cleveland, Ohio. Paper roll holder. 2,141,314; Dec. 27.
- Pfohl, Anthony J. (See Burchenal, W., and Pfohl.)
- Phaneuf, Leo F., New Bedford, Mass. Signal system for storage tanks. 2,127,422; Aug. 16.
- Phaneuf, Wilrose J., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Broach. 2,114,607; Apr. 19.
- Pharma Chemical Corporation. (See Markush, Eugene A., assignor.)
- Pharma Chemical Corporation. (See Markush, E. A., Mayzner, and Miller, assignors.)
- Pharma Chemical Corporation. (See Markush, E. A., and Miller, assignors.)
- Phebus, William C., Berwyn, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,124,709; July 26.
- Phelps, Charles A., assignor to Parker Brothers, Inc., Salem, Mass. Amusement device. 2,130,289; Sept. 13.
- Phelps, Clyde H., Mount Vernon, N. Y., assignor to The Lantz Phelps Corporation, Dayton, Ohio. Apparatus for determining the frequency of electrical currents. 2,112,574; Mar. 29.
- Phelps, Clyde H., Mount Vernon, N. Y., assignor, by mesne assignments, to The Master Electric Company, Dayton, Ohio. Steering wheel supporting device for Testing apparatus. 2,137,949; Nov. 22.
- Phelps Dodge Copper Products Corporation. (See Beach, Harold K., assignor.)
- Phelps Dodge Copper Products Corporation. (See Mitchell, Earle A., assignor.)
- Phelps Dodge Copper Products Corporation. (See Palmer, John H., assignor.)
- Phelps Dodge Copper Products Corporation. (See Sirois, Benoit J., assignor.)
- Phelps Dodge Copper Products Corporation. (See Staples, Horace A., assignor.)
- Phelps Dodge Corporation. (See Fowler, M. G., and Barker, assignors.)
- Phelps Dodge Corporation. (See Klein, Leonard, assignor.)
- Phelps Dodge Corporation. (See Kuzell, Charles R., assignor.)
- Phelps Dodge Corporation. (See Winkler, F. W., Mooney, Kuzell, and Mounts, assignors.)
- Phelps, George M., and W. Nance, Los Angeles, Calif. Replenishable metal brush. 2,113,742; Apr. 12.
- Phelps, Guy W., R. Bradley, and D. C. Pierle, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of cream. 2,137,899; Nov. 22.
- Phelps, Hugh C., Milwaukee, Wis. Surgical pump. 2,105,200; Jan. 11.
- Phelps, Letha L., Spokane, Wash. Pan lifter. 2,137,458; Nov. 22.
- Philad Company, The. (See Decker, George, assignor.)
- Philadelphia Drying Machinery Company, The. (See Allison, T., and Sibson, assignors.)
- Philadelphia Drying Machinery Company, The. (See Sibson, Walter W., assignor.)
- Philadelphia Lawn Mower and Mfg. Co. (See Hassenbruch, Hermann H., assignor.)
- Philadelphia Quartz Company. (See Vall, James G., assignor.)
- Philadelphia Quartz Company. (See Vall, J. G., and Baker, assignors.)
- Philadelphia Quartz Company of California, Ltd. (See Baker, Chester L., assignor.)
- Philadelphia and Reading Coal and Iron Company, The. (See Jennings, Burgess H., assignor.)
- Philadelphia Screen Mfg. Company. (See Mearkle, Harold O., assignor.)
- Philadelphia Storage Battery Company. (See Brown, Reynolds D., Jr., assignor.)
- Philco Radio and Television Corporation. (See Barton, Loy E., assignor.)
- Philco Radio and Television Corporation. (See Campbell, Richard L., assignor.)



- Philco Radio & Television Corporation. (See Clark, Edwin L., assignor.)
- Philco Radio & Television Corporation. (See Eisenmann, Frederick A., assignor.)
- Philco Radio & Television Corporation. (See Snyder, William J., assignor.)
- Philco Radio and Television Corporation. (See Thompson, Elmer O., assignor.)
- Philco Radio & Television Corporation. (See Thompson, Milton L., assignor.)
- Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,111,675; Mar. 22.
- Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,114,768; Apr. 19.
- Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,115,120; Apr. 26.
- Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerator apparatus. 2,117,570; May 17.
- Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,120,185; June 7.
- Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,133,039; Oct. 11.
- Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,134,089; Oct. 25.
- Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,136,316; Nov. 8.
- Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,138,611; Nov. 29.
- Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,138,612; Nov. 29.
- Philippe, Eugene, assignor to Societe Ch. Philippe & Cie, Menil-Thillot (Vosges), France. Manufacture of fabrics with bias weft. 2,113,492; Apr. 5.
- Phillippi, Dale M. (See Geyer, H. D., Flower, and Phillippi.)
- Phillips, Goddie F., Battle Creek, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Forming a valve. 2,138,528; Nov. 29.
- Phillips, Malcolm T., Henley Beach, Australia. Valve for controlling pressure and rate of supply of fluids. 2,132,215; Oct. 4.
- Phillips, Eli W. (See Sheehan, T., and Phillips.)
- Phillipson, Stanley J., Forest Hills, Long Island, N. Y. Advertising device. 2,116,411; May 3.
- Phillips, Albert J. (See Betterton, J. O., and Phillips.)
- Phillips, Albert J. (See Betterton, J. O., Phillips, and Allen.)
- Phillips, Albert J., Metuchen, N. J. Apparatus for casting metal. 2,126,808; Aug. 16.
- Phillips, Anthony J., Lower Southampton Township, Bucks County, Pa. Baling sheet metal. 2,134,529; Oct. 25.
- Phillips, Arthur H., Hempstead, N. Y., and W. Allan, Jr., Ridgefield Park, N. J., assignors, by mesne assignments, to American Sales Book Company, Inc. Multiform stationery. 2,108,595; Feb. 15.
- Phillips, Arthur H., Hempstead, N. Y., and W. Allan, Jr., Ridgefield Park, N. J., assignors, by mesne assignments, to American Sales Book Company, Inc. Manifold assembly. 2,118,655; May 24.
- Phillips, Bernard C., Detroit, Mich., assignor to F. A. Kane, Astoria, Long Island, N. Y. Compression control. 2,134,889; Nov. 1.
- Phillips & Buttorff Mfg. Co. (See Whitaker, William T., assignor.)
- Phillips, Charles, Salinas, Calif. Method and apparatus for refrigerating freight cars. 2,113,493; Apr. 5.
- Phillips, Charles E., Logan, W. Va. Agricultural machine. 2,120,040; June 7.
- Phillips, Charles H., Richmond, Va. Buckle. 2,117,980; May 17.
- Phillips, Charles H., assignor to The Fairway Real Estate Company, Incorporated, Richmond, Va. Writing instrument. 2,108,442; Feb. 15.
- Phillips, Charles R., Mannington, W. Va. Tubing and casing stripper for wells. 2,128,593; Aug. 30.
- Phillips, Charles S. (See Morse, J. W., and Phillips.)
- Phillips, Cleopatra L. E. O. H. T. and E. B., Walmer, England. Machine for closing and sealing cartons. 2,104,908; Jan. 11.
- Phillips, Edward W., Flint, Mich. Electric heater. 2,126,918; Aug. 16.
- Phillips, Eileen B. (See Phillips, Cleopatra L. E. O. H. T. and E. B.)
- Phillips, Fred C., Stoughton, Mass. Apparatus for securing calks to athletic shoe soles. 2,120,711; June 14.
- Phillips, George B., Easthampton, Mass. Reeding apparatus used in textile manufactures. 2,116,766; May 10.
- Phillips, George F. (See McMurtry, W. F., and Phillips.)
- Phillips, George I., Alexandria, Pa. Net. 2,115,082; Apr. 26.
- Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Inner piston ring. 2,113,857; Apr. 12.
- Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Internal gauge for cylinders and the like. 2,134,262; Oct. 25.
- Phillips, Harry A., Chicago, Ill. Valve. 2,123,020; July 5.
- Phillips, Harry A., Chicago, Ill. Refrigeration system. 2,123,021; July 5.
- Phillips, Hollie H. (See Thomas, T. E., and Phillips.)
- Phillips, J. R., et al. (See Hingle, James A., assignor.)
- Phillips, James A., Hopkinsville, Ky., assignor to The Ford Meter Box Company, Wabash, Ind. Key. 2,107,834; Feb. 8.
- Phillips, John, Oakland, Calif. Positive pressure compressor. 2,106,959; Feb. 1.
- Phillips, John W., San Antonio, Tex. Building construction and block therefor. 2,124,430; July 19.
- Phillips, John X. (See Hill, E. G., and Phillips.)
- Phillips-Jones Corporation. (See Rosenbloom, Moses, assignor.)
- Phillips, Laurance V. (See Lauer, V. E., and Phillips.)
- Phillips, Noel, Bexleyheath, England. Plastic plug. 2,110,053; Mar. 1.
- Phillips, Omi G., Los Angeles, Calif. Fluid transmission apparatus. 2,115,121; Apr. 26.
- Phillips Packing Company. (See Winterling, William F., assignor.)
- Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting construction. 2,121,260; June 21.
- Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting device. 2,128,470; Aug. 30.
- Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Globe type explosionproof fixture. 2,131,117; Sept. 27.
- Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Reflector cover. 2,137,026; Nov. 15.
- Phillips Petroleum Company. (See Chaney, L. V., and Buell, assignors.)
- Phillips Petroleum Company. (See Drennan, Harry E., assignor.)
- Phillips Petroleum Company. (See Durkee, J. D., and Yonkers, assignors.)
- Phillips Petroleum Company. (See Fitch, L. H., Jr., and Frey, assignors.)
- Phillips Petroleum Company. (See Frey, Frederick E., assignor.)
- Phillips Petroleum Company. (See Frey, F. E., and Bury, assignors.)
- Phillips Petroleum Company. (See Frey, F. E., Fitch, and Snow, assignors.)
- Phillips Petroleum Company. (See Frey, F. E., and Hepp, assignors.)
- Phillips Petroleum Company. (See Frey, F. E., and Snow, assignors.)
- Phillips Petroleum Company. (See Harlow, Frederick J., assignor.)
- Phillips Petroleum Company. (See Hiatt, William G., assignor.)
- Phillips Petroleum Company. (See Lerch, W. B., and White, assignors.)
- Phillips Petroleum Company. (See McQuiston, Horace L., assignor.)
- Phillips Petroleum Company. (See Nutter, I. E., Martin, and McCullough, assignors.)
- Phillips Petroleum Company. (See Parsons, Claude P., assignor.)
- Phillips Petroleum Company. (See Reid, J. A., and Short, assignors.)
- Phillips Petroleum Company. (See Schulze, Walter A., assignor.)
- Phillips Petroleum Company. (See Snow, Robert D., assignor.)
- Phillips Petroleum Company. (See Snow, R. D., and Hepp, assignors.)
- Phillips Petroleum Company. (See Thomas, Rosswell W., assignor.)
- Phillips Petroleum Company. (See Thomas, R. W., and MacSporran, assignors.)
- Phillips Petroleum Company. (See Youker, Malcolm P., assignor.)
- Phillips, Ralph E. (See Baruch, M., and Phillips.)
- Phillips, Ralph T. (See Shaffer, J. W., and Phillips.)
- Phillips, Ray G., Port Huron, Mich. Refrigerator control. 2,124,375; July 19.
- Phillips, Ray V., Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Track switch for toy railroads. 2,113,768; Apr. 12.
- Phillips, S. A., et al. (See Chaplin, Hershel W., assignor.)
- Phillips, Trevor W., assignor to one-half to Vacseal Containers Limited, London, England. Closure for canisters, boxes, cans, jars, and the like containers. 2,130,651; Sept. 20.
- Phillips, William B., Birmingham, Mich., assignor to General Motors Corporation, Detroit, Mich. Nickel anode and container. 2,104,812; Jan. 11.
- Phillips, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Pipe working machine. 2,137,762; Nov. 22.
- Philo, Frank A., Hermosa Beach, assignor to General Tile Corporation, El Segundo, Calif., and The Mosaic Tile Company. Tunnel kiln. 2,132,831; Oct. 11.



- Philpott, La Verne R., Washington, D. C., and C. E. Haller, Owensboro, Ky., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Translating apparatus. 2,134,530; Oct. 25.
- Philpott, Tyra A., Phoenix, Ariz. Dust and dirt collecting and disposal machine for mines. 2,127,985; Aug. 23.
- Phinney, Edward D., Mount Vernon, N. Y. Communication system. 2,122,918; July 5.
- Phinney, Edward D., Mount Vernon, N. Y., assignor to Radio Corporation of America. Reproducing optical images at a distance. 2,110,172; Mar. 8.
- Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Traffic direction controlling system for railroads. 2,109,153; Feb. 22.
- Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,111,513; Mar. 15.
- Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,132,126; Oct. 4.
- Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,138,878; Dec. 6.
- Phinney, Robert M., and W. H. Hoppe, assignors to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,141,551; Dec. 27.
- Phipps, Carl A., Sioux Rapids, Iowa. Fence connecting means. 2,113,743; Apr. 12.
- Phipps, Guilla, et al. (See Johnston, Clarence S., assignor.)
- Phipps, J. B., Jr., et al. (See Johnston, Clarence S., assignor.)
- Phipps, John T. (See Smith, H. C., and Phipps.)
- Phipps, John T., Huntington Park, Calif., assignor to Halliburton Oil Well Cementing Company. 2,122,751; July 5.
- Phipps, John T., Huntington Park, assignor to Herman C. Smith, Whittier, Calif. Bit. 2,132,493; Oct. 11.
- Phipps, Richard F. (See Stryker, A. R., and Phipps.)
- Phoenix Glass Company, The. (See Stewart, Andrew H., assignor.)
- Phoenix Hosiery Company. (See Carley, Russell W., assignor.)
- Phoenix Hosiery Company. (See Wickert, John A., assignor.)
- Phoenix Metal Cap Co. (See Crabbe, Lindsay T., assignor.)
- Phoenix Metal Cap Company. (See Kowal, Walter, assignor.)
- Phosphate Recovery Corporation. (See Crago, Arthur, assignor.)
- Phosphate Recovery Corporation. (See Tartaron, Francis X., assignor.)
- Photo-Cylinder Corporation. (See Huggins, Owen R., assignor.)
- Photostat Corporation. (See Brorsen, Willard A., assignor.)
- Photostat Corporation. (See Landrock, Paul, assignor.)
- Photostat Corporation. (See Landrock, P., and Caps, assignors.)
- Photostat Corporation. (See Landrock, P., and Murchison, assignors.)
- Photo-Vox, Inc. (See Fowler, Herman J., assignor.)
- Piazza, Thomas E., assignor to Milprint Products Corporation, Milwaukee, Wis. Method of and apparatus for perforating. 2,127,960; Aug. 23.
- Picard, John B., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Belt tightener. 2,111,514; Mar. 15.
- Picard, Leo, San Antonio, Tex. Temporary binder. 2,108,508; Feb. 15.
- Picard, René, Paris, and A.-M. Oriol, St.-Just-des-Marais, France, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial thread. 2,120,990; June 21.
- Picard, René, Lyon, and R. Fays, Villeurbanne, France, assignors to Societe Alsa in Basle. Making tubular artificial textile threads. 2,136,462; Nov. 15.
- Picard, René, Lyon, and R. Fays, Villeurbanne, France, assignors to Societe Alsa in Basle. Preparing tubular artificial textile threads. 2,136,463; Nov. 15.
- Picard, René, Lyon, and R. Fays, Villeurbanne, France, assignors to Societe Alsa in Basle. Preparing tubular artificial textile threads. 2,136,464; Nov. 15.
- Piccard, Jean, Swarthmore, Pa. Plaster for the production of surgical casts. 2,116,910; May 10.
- Piccardi, Alfred W., New York, N. Y. Swimming glove. 2,139,601; Dec. 6.
- Picha, Emil H., St. Paul, Minn. Sod cutting tool. 2,127,751; Aug. 23.
- Pichinino, James R. (See Sargent, O. E., and Pichinino.)
- Pick, Eric, assignor to The Permutit Company, New York, N. Y. Hardness testing in water softeners. 2,122,824; July 5.
- Pickard, Closson H., assignor to The S. E. Hyman Company, Fremont, Ohio. Seat pad. 2,119,023; May 31.
- Pickard, Frank W., et al. (See McCullum, Claud T., assignor.)
- Pickard, Joseph, Chicago, Ill. Burglar alarm switch. 2,105,006; Jan. 11.
- Pickens, John D., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polishing composition. 2,118,521; May 24.
- Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Goldfield, Edwin R., assignor.)
- Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Goldfield, E. R., and Horsley, assignors.)
- Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Graves, Edward B., assignor.)
- Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Horsley, C. B., and Goldfield, assignors.)
- Pickering, Carl S. (See Shevlin, Joseph P., assignor.)
- Pickett, Earl H. (See Toncray, M. H., and Pickett.)
- Pickett, Francis N., Westminster, London, England, assignor to United States Rubber Company, New York, N. Y. Treatment of rubber. 2,119,600; June 7.
- Pickett, Francis N., London, England, assignor to United States Rubber Products, Inc., New York, N. Y. Production of organic deodorized solvents. 2,126,277; Aug. 9.
- Pickford, Albert, Leicester, England, assignor to United Shoe Machinery Corp., Paterson, N. J. Machine for effecting relative movement between shoes and their lasts. 2,133,397; Oct. 18.
- Pickles, John. (See Pickles, Robert and J.)
- Pickles, Robert and J., Burnley, England. Spinning solutions and the production of elastic yarns therefrom. 2,118,897; May 31.
- Pickup, George E., assignor, by mesne assignments, to Florence-Wehrle Stove Co., Newark, Ohio. Cabinet heater. 2,120,941; June 14.
- Pickup, George E., assignor to The Florence-Wehrle Stove Co., Newark, Ohio. Utility cabinet for solid fuel cook stoves. 2,122,489; July 5.
- Pickup, George E., assignor, by mesne assignments, to Florence-Wehrle Stove Co., Newark, Ohio. Fluid control means. 2,129,100; Sept. 6.
- Pickup, George E., assignor, by mesne assignments, to Florence-Wehrle Stove Co., Newark, Ohio. Automatic lighter system for vapor fuel stoves. 2,131,903; Oct. 4.
- Picut, Frederick C., assignor to Economy Faucet Co., Newark, N. J. Dispensing faucet handle. 2,139,204; Dec. 6.
- Pidel, Frank, Yonkers, N. Y. Device for applying dye and other liquids from containers. 2,119,646; June 7.
- Pidgeon, Elmer F. (See Draper, L. O., and Pidgeon.)
- Pie, Paul F., Jr., Newark, assignor to Darco Corporation, Wilmington, Del. Treating carbonaceous material. 2,111,436; Mar. 15.
- Pieck, Carl E., Covington, Ky. Container closure. 2,108,692; Feb. 15.
- Piekenbrock, Anthony E., Dubuque, Iowa, assignor to A. F. Pfaffner, Chicago, Ill. Shoe construction. 2,137,459; Nov. 22.
- Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Engine frame. 2,117,036; May 10.
- Pieper, Alphonse F., et al. (See Ries, Edward J., assignor.)
- Pieper, Alphonse F., Brighton, N. Y. Dental syringe. Re. 20,704; Apr. 19.
- Pieper, Alphonse F., Rochester, N. Y. Dental syringe. 2,104,670; Jan. 4.
- Pieper, Alphonse F., Rochester, N. Y. Fluid control device. 2,110,339; Mar. 8.
- Pieper, Alphonse F., Rochester, N. Y. Fluid control device. 2,124,747; July 26.
- Pieper, Chester R. (See Heinrich, W. A., and Pieper.)
- Pieper, Chester R., La Crosse, Wis. Heat exchanger. 2,104,813; Jan. 11.
- Pieper, Conrad C., St. Louis, Mo. Brake. 2,141,723; Dec. 27.
- Pieper, Oscar H., et al. (See Ries, Edward J., assignor.)
- Pieper, Oscar H., Rochester, N. Y. Cord strain relief means. 2,131,297; Sept. 27.
- Pieper, Oscar H., Rochester, N. Y. Dental unit. 2,133,332; Oct. 18.
- Pieper, Oscar H., Rochester, N. Y. Regulator apparatus for X-ray machines. 2,140,299; Dec. 13.
- Pier, Mathias. (See Krauch, C., and Pier.)
- Pier, Mathias, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Splitting of hydrocarbons. 2,113,162; Apr. 5.
- Pier, Mathias, Heidelberg, W. Hirschberger, and H. Lemme, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Lubricating oils. 2,104,097; Jan. 4.
- Pier, Mathias, and A. Eisenhut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of highly viscous oils. 2,106,960; Feb. 1.
- Pier, Mathias, Heidelberg, and B. Engel, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of assistants for the textile and related industries. 2,108,901; Feb. 22.
- Pier, Mathias, Heidelberg, and W. Kroenig, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Non-knocking motor fuels. 2,116,081; May 3.
- Pier, Mathias, Heidelberg, W. Kroenig, Ludwigshafen-on-the-Rhine, and F. Dornig, Mannheim, Germany, assignors to Standard L. G. Company, Linden, N. J. Descriptive hydrogenation of distillable carbonaceous material. 2,118,940; May 31.



- Pier, Mathias, Heidelberg, and E. Donath, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cracking of liquid hydrocarbon products. 2,119,350; May 31.
- Pier, Mathias, Heidelberg, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable hydrocarbons. 2,119,647; June 7.
- Pier, Mathias, Heidelberg, and E. Donath, Mannheim, Germany, assignors to Standard-I. G. Company, Linden, N. J. Destructive hydrogenation of carbonaceous materials. 2,120,295; June 14.
- Pier, Mathias, Heidelberg, and E. Anthes and H. Schappert, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Heating up carbonaceous material. 2,120,296; June 14.
- Pier, Mathias, Heidelberg, and P. Jacob and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Carrying out catalytic reactions. 2,127,382; Aug. 16.
- Pier, Mathias, Heidelberg, and P. Jacob and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Carrying out catalytic reactions. 2,127,383; Aug. 16.
- Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of lubricating oils. 2,130,024; Sept. 13.
- Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of lubricants. 2,140,545; Dec. 20.
- Pierce, Alan E. (See Lecher, H. Z., and Pierce.)
- Pierce, Ambrose R., Lorain, Ohio, assignor to American Stove Company, St. Louis, Mo. Pot type of range. 2,138,556; Nov. 29.
- Pierce, George W., Cambridge, Mass. Electrical system. 2,112,863; Apr. 5.
- Pierce, George W., Cambridge, Mass. Electrical system. 2,133,642; Oct. 18.
- Pierce, George W., Cambridge, Mass. Electrical system and apparatus. 2,133,643; Oct. 18.
- Pierce, George W., Cambridge, Mass. Electrical system. 2,133,644; Oct. 18.
- Pierce, George W., Cambridge, Mass. Electrical system. 2,133,645; Oct. 18.
- Pierce, George W., Cambridge, Mass. Electrical system. 2,133,646; Oct. 18.
- Pierce, George W., Cambridge, Mass. Electromechanical vibrator. 2,133,647; Oct. 18.
- Pierce, George W., Cambridge, Mass. Electrical system. 2,133,648; Oct. 18.
- Pierce Governor Company. (See Benjamin, Walter E., assignor.)
- Pierce Governor Company. (See Kemp, William E., assignor.)
- Pierce, Harold C., Anaheim, Calif., assignor to Food Machinery Corporation. Box stacking machine. 2,113,926; Apr. 12.
- Pierce, James E., assignor to The Dow Chemical Company, Midland, Mich. Preparation of ethyl chloride. 2,140,927; Dec. 20.
- Pierce, James J. (See Howie, John W., assignor.)
- Pierce, Jefferson F., Tampa, Fla. Internal combustion engine. 2,132,802; Oct. 11.
- Pierce, John B., Foundation. (See Davison, Robert L., assignor.)
- Pierce, John B., Foundation. (See Groeniger, William C., assignor.)
- Pierce, John B., Foundation. (See Strong, William E. S., assignor.)
- Pierce, John S., Georgetown, Ky. Antiseptic products. 2,118,225; May 24.
- Pierce, Lee D., Fulton, N. Y. Knock-down container. 2,126,136; Aug. 9.
- Pierce, Lee D., assignor to Oswego Falls Corporation, Fulton, N. Y. Capping head for applying closures to milk bottles and the like. 2,104,671; Jan. 4.
- Pierce, Melbourne H., Watertown, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade. 2,136,823; Nov. 15.
- Pierce, Melbourne H., Watertown, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade. 2,137,124; Nov. 15.
- Pierce, Milo F., assignor to Western United Gas and Electric Company, Aurora, Ill. Ground rod connector. 2,107,835; Feb. 8.
- Pierce, Paul, assignor to Pierce Wrapping Machine Company, Chicago, Ill. Wrapping machine. 2,137,585; Nov. 22.
- Pierce, Paul, assignor to Pierce Wrapping Machine Company, Chicago, Ill. Wrapping machine guide means. 2,137,586; Nov. 22.
- Pierce, Ralph S., Hinsdale, Ill. Tamperproof seal and production. 2,108,942; Feb. 22.
- Pierce, Raymond C., Bronxville, N. Y., assignor, by mesne assignments, to United Aircraft Corporation. Brake. 2,115,083; Apr. 26.
- Pierce, Raymond C., and W. C. Hedgcock, Chicago, Ill., assignors, by mesne assignments, to R. C. Pierce. Snubber spring. 2,136,908; Nov. 15.
- Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Wire winding apparatus. 2,127,936; Aug. 23.
- Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Manufacture of core elements. 2,131,069; Sept. 27.
- Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Manufacture of weather-strip elements. 2,137,697; Nov. 22.
- Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Manufacture of resilient springs. 2,137,698; Nov. 22.
- Pierce, Robert E., and F. R. Linda, assignors to Bemis Bro. Bag Co., St. Louis, Mo. Registering apparatus. 2,119,024; May 31.
- Pierce, Stephen C., Jr. (See Larmour, H. M., and Pierce.)
- Pierce, William B., Detroit, Mich., assignor to Aluminum Company of America, Pittsburgh, Pa. Producing metal grilles. 2,135,766; Nov. 8.
- Pierce, William L. (See Cox, W. R., Morris, and Pierce.)
- Pierce, Winslow S., Jr., Bayville, N. Y. Center finding device. 2,109,976; Mar. 1.
- Pierce Wrapping Machine Company. (See Pierce, Paul, assignor.)
- Pierie, Donald C. (See Phelp, G. W., Bradley, and Pierie.)
- Pierpoint, William, deceased, Yonkers, by W. C. Pierpoint, administrator, Kingston, N. Y., assignor to Pierpoint-Urzaiz Co. Inc. Battery clasp. 2,128,888; Aug. 30.
- Pierpoint, William C., administrator. (See Pierpoint, William.)
- Pierpoint-Urzaiz Co. Inc. (See Pierpoint, William, assignor.)
- Pierre, Anders B., Jarpen, A. G. Johansson, Nalden, and S. Bergstrom, Stockholm, Sweden. Means for soaking wood, lumber, and the like. 2,130,025; Sept. 13.
- Pierre, Claude D., Fort Worth, Tex. Dough kneader. 2,112,927; Apr. 5.
- Pierre, Max, Marseille, France. Dynamo kinematic transformer. 2,130,143; Sept. 13.
- Piersen, Edwin H., and J. C. Anderson, Los Angeles, Calif., assignors to Unitype Engineering Company, Reno, Nev. Building structure. 2,124,519; July 19.
- Piersol, Robert J., Urbana, Ill. Briquetting press. 2,119,243; Mar. 31.
- Pierson, Carl W., Rockford, Ill. Air conditioner. 2,104,209; Jan. 4.
- Pierson, Charles M., and H. W. McPherson, assignors to Crane Co., Chicago, Ill. Shutter for enclosures. 2,113,240; Apr. 5.
- Pierson, Roy N., and L. W. Smith, assignors to Russell-Miller Milling Company, Minneapolis, Minn. Bag in-tucking machine. 2,115,176; Apr. 26.
- Pierson, Willett C., East Orange, N. J., assignor to National Products Corporation, Washington, D. C. Plastic material. 2,126,344; Aug. 9.
- Pierson, William D., assignor to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. Belt driven wire spooler. 2,141,934; Dec. 27.
- Pierson, William D., and G. W. Jackman, assignors to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. High speed wiredrawing machine. 2,107,799; Feb. 8.
- Piesen, Maurice, Brooklyn, N. Y. Game. 2,116,687; May 10.
- Piesker, Bruno, and W. Goy, assignors to Präzisions-Werkstätten Seeger & Co. G. m. b. H., Frankfurt-on-the-Main, Germany. Time delay relay. 2,134,951; Nov. 1.
- Pieter, E. & Co. Inc. (See Poeter, Edward, assignor.)
- Pieth, Peter. (See Straub, F., Pieth, and Schneider.)
- Pietzsch, Frank H. (See Campbell, S. H., and Pietzsch.)
- Piggly Wiggly Corporation. (See Gray, Richard E., assignor.)
- Piggott, Henry A. (See Baldwin, A. W., and Piggott.)
- Piggott, Henry A. (See Knight, A. H., and Piggott.)
- Piggott, Henry A. (See Lawrie, L. G., Reynolds, and Piggott.)
- Piggott, Henry A., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of sulphonium compounds. 2,121,823; June 28.
- Piglia, Charles M., assignor to Plant Protectors, Inc., Los Angeles, Calif. Plant cover. 2,141,484; Dec. 27.
- Piglia, Charles M., assignor to Plant Protectors, Inc., Los Angeles, Calif. Plant cover setter. 2,141,485; Dec. 27.
- Piglia, Charles M., assignor to Plant Protectors, Inc., Los Angeles, Calif. Apparatus for cultivating celery with white stalks. 2,141,486; Dec. 27.
- Pikarchuk, Lina. (See Pikarchuk, Michael and L.)
- Pikarchuk, Michael and L. P., Nicholson, Ontario, Canada. Railroad frog. 2,110,633; Mar. 8.
- Pike, Harold S., Fanwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling fixture. 2,129,869; Sept. 13.
- Pike, Henry L., Greensboro, N. C., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Automatic clutch operating means. 2,110,675; Mar. 8.
- Pike, Henry L., Greensboro, N. C., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Automatic clutch. 2,123,911; July 19.
- Pike, Robert D., Piedmont, assignor to Kalif Corporation, Emeryville, Calif. Making bearings. 2,123,659; July 12.
- Pike, Robert D., Piedmont, assignor to Kalif Corporation, Emeryville, Calif. Making bearings. 2,123,660; July 12.



- Pike, Robert D., Piedmont, assignor to Kalif Corporation, Emeryville, Calif. Making bearings. 2,127,937; Aug. 23.
- Piker, Maurice L. (See Pool, S. C., and Piker.)
- Pikul, Joseph H., assignor to The Reece Button Hole Machine Company, Boston, Mass. Button sewing machine. 2,131,387; Sept. 27.
- Pilant, Charles D., Alhambra, Calif. Metal window. 2,112,634; Mar. 29.
- Pilat, Stanislaw, and M. Godlewicz, Lwow, Poland, assignors to Shell Development Company, San Francisco, Calif. Dewaxing process. 2,141,361; Dec. 27.
- Pilates, Joseph H., New York, N. Y. Exercising apparatus. 2,132,862; Oct. 11.
- Pilblad, Eric J., et al. (See Strange, Charles C., assignor.)
- Pilblad, Eric J., Rockville Centre, assignor of seventeen and one-half per cent to C. C. Strange, Port Richmond, Staten Island, N. Y., seventeen and one-half per cent to B. Aaronson, Meriden, Conn., seventeen and one-half per cent to A. J. McIntosh, seventeen and one-half per cent to A. L. Barach, and twelve and one-half per cent to E. J. Barach, New York, N. Y. Vulcanizing device. 2,138,585; Nov. 29.
- Pilcher, Edward K., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Molding strip. 2,116,846; May 10.
- Pilcher, Edward K., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Flexible screen. 2,116,847; May 10.
- Pilgrim Badge and Label Corporation. (See Rosenthal, Sidney, assignor.)
- Pilkington Brothers Limited. (See Forbes, Lewis J-B., assignors.)
- Pilkington Brothers Limited. (See Slocombe, Frank E., assignor.)
- Pilkington Brothers Limited. (See Waldron, Frederic B., assignor.)
- Pilkington Brothers Limited. (See Waldron, F. B., and Griffin, assignors.)
- Pilkington, Norman. (See Wilkinson, H., and Pilkington.)
- Pilkington, William. (See Sansone, Ralph D., assignor.)
- Pillar, Oscar C., Philadelphia, assignor of one-half to G. R. Stull, Moylan-Rose Valley, Pa. Ringless piston. 2,113,628; Apr. 12.
- Pilling, Charles J., Lansdowne, and B. L. Gordon, Jr., assignors to The George P. Pilling & Son Company, Philadelphia, Pa. Surgical decompression apparatus. 2,140,113; Dec. 13.
- Pilling, George P., & Son Company, The. (See Pilling, C. J., and Gordon, assignors.)
- Pilliod Cabinet Company, The. (See Pilliod, T. J., and Müller, assignors.)
- Pilliod, Thomas J., and F. C. H. Müller, assignors to The Pilliod Cabinet Company, Swanton, Ohio. Display cabinet. 2,105,550; Jan. 18.
- Pilliod, Thomas J., and F. C. H. Müller, assignors to The Pilliod Cabinet Company, Swanton, Ohio. Display case. 2,123,022; July 5.
- Pilliod, Thomas J., and F. C. H. Müller, assignors to The Pilliod Cabinet Company, Swanton, Ohio. Article display cabinet. 2,123,023; July 5.
- Pilliod, Thomas J., and F. C. H. Müller, assignors to The Pilliod Cabinet Company, Swanton, Ohio. Display case. 2,132,318; Oct. 4.
- Pilnick, Jacob, Cleveland, Ohio. Thread gauge adapter for micrometers. 2,114,936; Apr. 19.
- Pim, Joane, Johannesburg, Union of South Africa. Heel support. 2,136,980; Nov. 15.
- Pimpiano, John. (See Mansfield, William R., assignor.)
- Pinard, Henry, Manchester, N. H. Pivoted axle for motor vehicles. 2,135,291; Nov. 1.
- Pinecock, Douglas F., Ogden, Utah. Hypodermic syringe. 2,134,144; Oct. 25.
- Pinecock, Douglas F., Ogden, Utah. Ampule. 2,134,145; Oct. 25.
- Pindell, Oliver P., Columbus, Ohio. Safety match packet. 2,105,842; Jan. 18.
- Pinder, Ernest L. (See Dummer, E. J., and Pinder.)
- Pinell, Walter, Falkensee, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, near Berlin, Germany. Telephone system. 2,122,490; July 5.
- Pineo, Orrin W., Milo, Maine, assignor to The Calco Chemical Company, Inc., Bridgewater Township, Somerset County, N. J. Spectrophotometer. 2,107,836; Feb. 8.
- Pineo, Orrin W., Milo, Maine, assignor to The Calco Chemical Company, Inc., Bridgewater Township, N. J. Spectrophotometer. 2,126,410; Aug. 9.
- Pines, Herman. (See Ipatieff, V., and Pines.)
- Pineur, I. S., et al. (See Holland, Hal B., assignor.)
- Pink, Clarence E., Cambridge, Md. Multistrand spiral fabric. Re. 20,897; Oct. 25.
- Pink, Clarence E., Cambridge, Md. Trough conveyer. 2,114,237; Apr. 12.
- Pinker, Ray H. (See Smith, C. C., and Piker.)
- Pinham, Le Roy S., Santa Barbara, Calif. Combined film cradle and drying rack. 2,122,723; July 5.
- Pinkle, Emma B., East Cleveland, Ohio, assignor to General Electric Company. Electric incandescent lamp. 2,134,574; Oct. 25.
- Pinney, Byron R., assignor, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa. Miniature demonstration set. 2,127,047; Aug. 16.
- Pinson, Martin L., Phoenix, Ariz., assignor of one-half to Rap A. Pinson, Charlotte, Mich. Load indicator device. 2,106,652; Jan. 25.
- Pinson, Rap A. (See Pinson, Martin L., assignor.)
- Pinter, Frank V., assignor to Briggs Manufacturing Company, Detroit, Mich. Guard for scraper devices. 2,122,263; June 28.
- Pinto, Armie, Detroit, Mich. Curtain and shade bracket. 2,125,084; July 26.
- Pintsch, Julius, Aktiengesellschaft. (See von Mihály, Dénes, assignor.)
- Pintsch, Julius, Kommanditgesellschaft. (See Dallenbach, Walter, assignor.)
- Pioch, William F., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Fastener. 2,141,222; Dec. 27.
- Pioneer Instrument Company. (See Leifheit, Paul, assignor.)
- Pioneer Instrument Company. (See Urfer, Adolf, assignor.)
- Pioneer Tea Company. (See Cooper, Roger G., assignor.)
- Pioneer Timber Co. (See McKone, Archie, assignor.)
- Piore, Emanuel R., Philadelphia, Pa., and L. Malter, Oaklyn, N. J., assignors to Radio Corporation of America. Electrode for electric discharge devices. 2,123,024; July 5.
- Piotrowski, John B., Chippewa Falls, Wis. Attachment for toe softening apparatus. 2,126,345; Aug. 9.
- Piper, Frederick, Portland, Oreg. Window lock and alarm. 2,139,848; Dec. 13.
- Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Apparatus for making concrete structures. 2,119,648; June 7.
- Piper, William B., assignor to Gasmold Sign Corporation, Memphis, Tenn. Illuminated sign. 2,122,657; July 5.
- Pipes, Joseph E., Olney, Tex. Well cementing plug. 2,124,710; July 26.
- Pipes, Walter L., Elizabeth, N. J., assignor to United States Rubber Products Inc., New York, N. Y. Rubber sole and heel. 2,124,986; July 26.
- Pipia, Giuseppe, Woodside, assignor to Cerami Self-Closing Device Corporation, New York, N. Y. Door closing device. 2,114,455; Apr. 19.
- Pipkin, Marvin. (See Wright, J. G. E., and Pipkin.)
- Piqua Hosiery Company, The. (See Flesh, Alfred L., assignor.)
- Piquerez, Emile, St. Cloud, France. Apparatus for emptying drums containing very thick lubricants or other viscous materials. 2,105,160; Jan. 11.
- Piquerez, Emile, Saint-Cloud, France. Apparatus for emptying packages or receptacles having flexible walls. 2,109,549; Mar. 1.
- Piquerez, Emile, St. Cloud, France. Roller conveyer. 2,110,942; Mar. 15.
- Piquerez, Emile, Saint Cloud, France. Greasing apparatus. 2,113,333; Apr. 5.
- Piquerez, Emile, St. Cloud, France. Device for automatically controlling the filling of reservoirs, tanks, and the like. 2,122,949; July 5.
- Piquerez, Emile, Saint Cloud, France. Apparatus for emptying flexible walled packages of viscous materials. 2,126,973; Aug. 16.
- Piquerez, Emile, Saint-Cloud, France. Installation for the washing of vehicles. 2,139,096; Dec. 6.
- Piquerez, Emile, Saint-Cloud, France. Dispensing device. 2,139,097; Dec. 6.
- Pirani, Marcello. (See Alterthum, H., and Pirani.)
- Pirani, Marcello, Berlin-Wilmersdorf, and A. Fehse, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,116,710; May 10.
- Pirani, Marcello, and M. Reger, Berlin, Germany, assignors to General Electric Company. Lighting system including electrical discharge tubes. 2,122,436; July 5.
- Pirelli-General Cable Works Limited. (See Tobia, Vincent, assignor.)
- Pirich, Nikola B. (See Kristich, J. N., and Pirich.)
- Pirich, George, Minneapolis, Minn. Garden tool. 2,106,037; Jan. 18.
- Pirich, George, Minneapolis, Minn. Gas-generating oil burner. 2,136,727; Nov. 15.
- Pirie, Harold, Runcorn, England, assignor to Imperial Chemical Industries Limited. Emulsions and process of making same. 2,136,020; Nov. 8.
- Pirie, John, Lynbrook, N. Y. Golf club. 2,132,219; Oct. 4.
- Pirmov, Paul S., Cambridge, assignor, by mesne assignments, to M. B. Kibbeck and himself, Boston, Mass., trustees. Photographic enlarging and printing machine. 2,124,954; July 26.
- Piro, Philip J., assignor of one-half to A. J. Austin, New Orleans, La. Figure toy. 2,140,056; Dec. 13.
- Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Slack limiting device. 2,136,563; Nov. 15.
- Piron, Emil H., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Journal bearing assembly. 2,137,543; Nov. 22.
- Piron, Emil H., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Wheel. 2,138,506; Nov. 29.
- Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Hand locke linkage. 2,140,144; Dec. 13.



- Pisciotta, Immacolata, New York, N. Y. Curtain and drape bracket. 2,138,507; Nov. 29.
- Pistor, Werner. (See Görlich, P., Görisch, and Pistor.)
- Pistorius, Conrad, Chicago, Ill. Culinary utensil. 2,141,223; Dec. 27.
- Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Willow Grove, Pa. Sustaining rotor for aircraft. 2,114,808; Apr. 19.
- Pitcher, Harry C., Cleveland, Ohio. Neck wear appliance. 2,110,054; Mar. 1.
- Pitchers, Archibald R. and R. J., Godalming, England. Tool for use in knitting machines. 2,131,331; Sept. 27.
- Pitchers, Robert J. (See Pitchers, Archibald R. and R. J.)
- Pitman, Earle C., Lincroft, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and method for joining surfaces. 2,117,209; May 10.
- Pitman, Earle C., Lincroft, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carpet seam. 2,118,522; May 24.
- Pitman, Henry L., Westfield, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,115,870; May 3.
- Pitman, Henry L., Westfield, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,118,860; May 31.
- Pitman, Henry L., Westfield, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,118,861; May 31.
- Pitman, Herman E., St. Louis, Mo. Production of rubber from poinsettia serum. 2,133,040; Oct. 11.
- Pitman, Louis K., New York, N. Y. Medical instrument. 2,118,523; May 24.
- Pitman-Moore Company. (See Fisk, Frank B., assignor.)
- Pitman-Moore Company. (See Jenkins, Glenn L., assignor.)
- Pitner, Marion W., assignor to The National Mineral Company, Chicago, Ill. Spacer for hair curlers. 2,136,196; Nov. 8.
- Pitney-Bowes Meter Co. (See Ogden, Jacob W., assignor.)
- Pitney-Bowes Postage Meter Co. (See Rouan, Francis J., assignor.)
- Pitney-Bowes Postage Meter Co. (See Wheeler, W. H., and Ogden, assignors.)
- Pitney-Bowes Postage Meter Co. (See Wheeler, W. H., Jr., Ogden, and Rouan, assignors.)
- Pitney, Earl H., Excelsior, Minn. Crank construction for reels. 2,107,875; Feb. 8.
- Pitsch, Helmut, Berlin-Steglitz, Germany, assignor to Radio Corporation of America. Transmitter modulation. 2,135,198; Nov. 1.
- Pitsch, Helmut, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic receiver gain control circuits. 2,115,871; May 3.
- Pitt, Hubert L., Westcliffe-on-Sea, England. Controlling aeroplanes when in flight. 2,111,481; Mar. 15.
- Pittler, Lila, New York, N. Y. Serving dish. 2,117,102; May 10.
- Pittman, Ralph R., Pine Bluff, Ark. Pole fitting. 2,106,305; Jan. 25.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Conductor protecting tap clamp. 2,107,061; Feb. 1.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. High duty fuse switch. 2,109,090; Feb. 22.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Electrical protective device. 2,109,733; Mar. 1.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Circuit switching device. 2,123,256; July 12.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Wire holder. 2,139,332; Dec. 6.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Sealed screw wire holder. 2,139,333; Dec. 6.
- Pittman, Thomas C., Stuart, Fla. Oil conduit. 2,134,004; Oct. 25.
- Pitts, Chester A., Booker, Tex. Cutting apparatus. 2,111,989; Mar. 22.
- Pitts, Joseph E., Oakland, and E. A. Gould, San Bruno, Calif. Book sewing machine. 2,125,459; Aug. 2.
- Pittsburgh Annealing Box Company. (See Deahl, Kenneth J., assignor.)
- Pittsburgh Crucible Steel Company. (See Ferm, John F., assignor.)
- Pittsburgh Dry Stencil Company. (See Greenslade, Grover R., assignor.)
- Pittsburgh Equitable Meter Company. (See MacLean, Allen D., assignor.)
- Pittsburgh Equitable Meter Company. (See MacLean, A. D., and Niesemann, assignors.)
- Pittsburgh Equitable Meter Company. (See McGay, John R., assignor.)
- Pittsburgh Equitable Meter Company. (See Niesemann, Fritz, assignor.)
- Pittsburgh Equitable Meter Company. (See Parker, W. H., and Seibert, assignors.)
- Pittsburgh Plate Glass Company. (See Allen, Edward M., assignor.)
- Pittsburgh Plate Glass Company. (See Allen, E. M., and Lynn, assignors.)
- Pittsburgh Plate Glass Company. (See Bristow, Clyde J., assignor.)
- Pittsburgh Plate Glass Company. (See Clause, Robert L., assignor.)
- Pittsburgh Plate Glass Company. (See Fox, John H., assignor.)
- Pittsburgh Plate Glass Company. (See Galey, Henry J., assignor.)
- Pittsburgh Plate Glass Company. (See Gaskell, Joseph, assignor.)
- Pittsburgh Plate Glass Company. (See Gelstharp, Frederick, assignor.)
- Pittsburgh Plate Glass Company. (See Gwinn, William B., assignor.)
- Pittsburgh Plate Glass Company. (See Halbach, Howard L., assignor.)
- Pittsburgh Plate Glass Company. (See Harrington, Alfred L., assignor.)
- Pittsburgh Plate Glass Company. (See Hartwick, Otto J., assignor.)
- Pittsburgh Plate Glass Company. (See Heichert, Herman S., assignor.)
- Pittsburgh Plate Glass Company. (See Heichert, H. S., and Owen, assignors.)
- Pittsburgh Plate Glass Company. (See Hitner, Harry F., assignor.)
- Pittsburgh Plate Glass Company. (See Hoffmann, Gilbert F., assignor.)
- Pittsburgh Plate Glass Company. (See Koupal, W. G., and Hitner, assignors.)
- Pittsburgh Plate Glass Company. (See Lytle, William O., assignor.)
- Pittsburgh Plate Glass Company. (See Marshall, Philip P., assignor.)
- Pittsburgh Plate Glass Company. (See Mason, Martin W., assignor.)
- Pittsburgh Plate Glass Company. (See Muskat, Irving E., assignor.)
- Pittsburgh Plate Glass Company. (See Nash, A. D., and Owen, assignors.)
- Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
- Pittsburgh Plate Glass Company. (See Toney, Edward F., assignor.)
- Pittsburgh Plate Glass Company. (See Waldeck, William F., assignor.)
- Pittsburgh Plate Glass Company. (See Watt, James B., assignor.)
- Pittsburgh Plate Glass Company. (See West, George L., assignor.)
- Pittsburgh Reflector Company. (See Hoeveler, John A., assignor.)
- Pittsburgh Research Corporation. (See Moore, William E., assignor.)
- Pittsburgh Research Corporation. (See Moore, W. E., and Wallis, assignors.)
- Pittsburgh Rolls Corporation. (See Merten, William J., assignor.)
- Pittsburgh Steel Company. (See Chartener, Victor, assignor.)
- Pittsburgh Steel Company. (See Protin, Edward J., assignor.)
- Pittsburgh Steel Drum Company. (See Jesser, Alert E., assignor.)
- Pittsburgh Tag Company. (See Magidson, Frank, assignor.)
- Pityo, Albert F. (See Rue, H. E., Pityo, and Jonassen.)
- Pityo, Albert F., Clifton, assignor to Tri State Cap & Cap Machinery Co., Inc., Newark, N. J. Web feeding mechanism. 2,128,964; Sept. 6.
- Pivoto, Felix L., Liberty, Tex. Plug valve casing head. 2,134,200; Oct. 25.
- Piwowsky, Eugen, Aachen, Germany. Centrifugally casting pipes in chilled molds. 2,129,382; Sept. 6.
- Pixley, Milton A., and E. H. McCloud, Columbus, Ohio. Sealing means. 2,113,744; Apr. 12.
- Placco, Oscar F., Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Ornament and mounting therefor. 2,117,823; May 17.
- Placco, Oscar, Cranston, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Ornamental device. 2,140,594; Dec. 20.
- Place, Bion C., et al. (See Lavigne, Joseph P., assignor.)
- Place, Bion C., Detroit, Mich. Garment hanger. 2,123,797; July 12.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Spring fastener. 2,104,239; Jan. 4.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Carpet fastener. 2,109,402; Feb. 22.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,109,576; Mar. 1.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Molding fastener. 2,117,571; May 17.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing trim panel. 2,120,942; June 14.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,136,981; Nov. 15.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,138,195; Nov. 29.
- Place, Claude W., La Grange, Ill., assignor to General Electric Company. Automatic control system. 2,110,714; Mar. 8.



- Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Communication system. 2,117,358; May 17.
- Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Receiving apparatus for communication systems. 2,124,806; July 26.
- Place, Willard P., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,131,388; Sept. 27.
- Place, Willard P., Wilkinsburg, P. N. Bossart, West Deer Township, Allegheny County, and L. O. Grondahl, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication systems. 2,134,416; Oct. 25.
- Placer Development Limited. (See Storsand, Björn R., assignor.)
- Placke, Everett H. (See Shipley, B. M., Sburlino, and Placke.)
- Placke, Everett H., and G. H. Tasker, assignors to The National Cash Register Company, Dayton, Ohio. Paper feed mechanism for cash registers. 2,127,652; Aug. 23.
- Plageman, William H., Cleveland, Ohio. Package opening device. 2,119,793; June 7.
- Plahn, August P., Brooklyn, N. Y. Lens system for color photography and cinematography. 2,109,596; Mar. 1.
- Plaine, George H. (See Christensen, M., Plaine, Trainer, and Hodge.)
- Plaistowe, Donald L., East Sheen, England, assignor to Radio Corporation of America. Thermionic amplifier. 2,137,413; Nov. 22.
- Plane, John F., Long Beach, Calif. Kite string rider. 2,105,128; Jan. 11.
- Planeta, Anthony W., Linden, N. J. Shade supporting frame. 2,115,966; May 3.
- Planskoy, Leonti, Paris, France. Production of composite images. 2,130,777; Sept. 20.
- Plantinga, Oliver S. (See Kokatnur, V. R., and Plantinga.)
- Plant Liquidation Corporation. (See Pratt, Verneur E., assignor.)
- Plant Liquidation Corporation. (See Pratt, V. E., and Takats, assignors.)
- Plant Protectors, Inc. (See Piglia, Charles M., assignor.)
- Plaskon Company Incorporated. (See Ellis, Carleton, assignor.)
- Plaskon Company. (See Ellis, Carleton, Jr., assignor.)
- Plaskon Company. (See Howald, Arthur M., assignor.)
- Plaskon, Incorporated. (See Eisenmann, K., and Scheuermann, assignors.)
- Plastergon Wall Board Company. (See Fletcher, John, assignor.)
- Plastic Binding Corporation. (See Nelson, C. B., and Spinner, assignors.)
- Plastridge, Le Forrest C. (See Gardner, J. H., and Plastridge.)
- Plate Manufacturing Company. (See Unwin, Gennette, assignor.)
- Platin, Gösta A., Kalmar, Sweden. Door lock. 2,128,014; Aug. 23.
- Platt, Arthur G., Edgewood, Iowa. Power apparatus. 2,135,110; Nov. 1.
- Platt Brothers and Company Limited. (See Wilkinson, H., and Pilkington, assignors.)
- Platt, Herbert. (See Dreyfus, C., Platt, and Lyem.)
- Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Marking device. 2,107,424; Feb. 8.
- Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Textile fabric of mixed fibers. 2,112,303; Mar. 29.
- Platt, Herbert, and A. W. Bergeron, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of textile materials comprising organic derivatives of cellulose. 2,111,225; Mar. 15.
- Platt-Hepworth, Robert, Paddington, near Sydney, Australia. Sound and picture reproducing apparatus. 2,130,010; Sept. 13.
- Platt Iron Works, Inc. (See Wells, Edward C., assignor.)
- Platt, Leland H., Jr. (See Platt, Leland H. and L. H., Jr.)
- Platt, Leland H. and L. H., Jr., Los Angeles, Calif. Washer for fruits, vegetables, and the like. 2,141,362; Dec. 27.
- Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Handle for implements, utensils, and the like. 2,105,161; Jan. 11.
- Plattner, Edgar, Pine Ridge, Oreg. Saw set. 2,141,695; Dec. 27.
- Platz, Carl. (See Steindorff, A., Platz, and Rosenbach.)
- Platz, Ford D., Fort Wayne, assignor to C. G. Conn, Ltd., Elkhart, Ind. Key mechanism for woodwind instruments. 2,107,583; Feb. 8.
- Platz, Henry T., assignor to Briggs Manufacturing Company, Detroit, Mich. Welding electrode. 2,138,388; Nov. 29.
- Platz, Otto. (See Hansch, August C. (assignor) and H. E.)
- Plauson, Hermann, Hamburg, assignor to Ribm & Hnas Company, Philadelphia, Pa. Polymerization of vinyl esters and their derivatives or homologues or mixtures of these substances. 2,127,135; Aug. 16.
- Plax Corporation. (See Ferngren, Enoch T., assignor.)
- Pleasant, Herman E., Grand Rapids, Mich., and C. H. Nauert, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Light fixture for cabinet structures. 2,122,293; June 28.
- Pleasantaire Corporation. (See Paschal, Guy, assignor.)
- Pleasure, Max A., Elmhurst, Fushing, N. Y. Artificial denture. 2,141,487; Dec. 27.
- Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Superheterodyne receiving system. 2,135,051; Nov. 1.
- Plechner, Walter W., Plainfield, N. J., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Preparation of metallic soaps. 2,132,997; Oct. 11.
- Plechner, Walter W., Piney River, Va., and A. W. Hixson, Leonia, N. J., assignors to National Lead Company, New York, N. Y. Preparation of pure titanium dioxide. 2,113,945; Apr. 12.
- Plechner, Walter W., Metuchen Township, Middlesex County, and A. W. Hixson, Leonia Township, Bergen County, N. J., assignors to National Lead Company, New York, N. Y. Preparation of pure titanium dioxide. 2,113,946; Apr. 12.
- Plechner, Walter W., and J. M. Jarmus, Metuchen, N. J., assignors, by mesne assignments, to National Lead Company, New York, N. Y. Pigment suspension and preparing the same. 2,130,560; Sept. 20.
- Plauss, Walter H., Ludington, Mich. Towel rack. 2,109,032; Feb. 22.
- Plengemeier, Matthew, assignor to Adler Manufacturing Company, Louisville, Ky. Sander. 2,125,460; Aug. 2.
- Plensler, Alexander W., assignor to Belmont Radio Corporation, Chicago, Ill. Automatic electrical radio broadcast and wave selector. 2,114,068; Apr. 12.
- Plensler, Alexander W., Chicago, Ill., assignor to Belmont Radio Corporation. Tuning device for radio receivers. 2,130,153; Sept. 13.
- Plensler, Alexander W., assignor to Resistelite Corporation, Chicago, Ill. Electrical resistance and making same. 2,138,938; Dec. 6.
- Plesé, Michael J., Brooklyn, N. Y. Impact indicator for gold clubs. 2,111,249; Mar. 15.
- Pless, Ernst, Mauer, near Vienna, Austria, assignor of one-half to H. Dannowski, Jackson Heights, and A. W. Moser, N. Y. Film developing device. 2,112,605; Mar. 29.
- Pless, Ernst, Mauer, near Vienna, Austria, assignor of one-half to H. Dannowski, Jackson Heights, N. Y. Film development spool. 2,112,606; Mar. 29.
- Pletcher, Clarence B., St. Joseph, Mich. Blast gun. 2,107,084; Feb. 1.
- Pletcher, Harry, M. Bishop, and B. C. Jones, assignors to The Moore Corporation, Joliet, Ill. Broiler. 2,106,506; Jan. 25.
- Pletcher, Harry S., M. Bishop, and B. C. Jones, assignors to The Moore Corporation, Joliet, Ill. Broiler. 2,139,382; Dec. 6.
- Pletcher, Theodore. (See Schoen, H., and Pletcher.)
- Plett, Edgar M., assignor to The Lauson Company, New Holstein, Wis. Motor mounting. 2,126,919; Aug. 16.
- Pleuthner, Charles, assignor to Martin & Schwartz, Inc., Buffalo, N. Y. Gasoline dispenser. 2,106,679; Jan. 25.
- Plew, James E., Valparaiso, Fla. Convertible settee-bed. 2,115,646; Apr. 26.
- Plews, George, Berkeley, Calif., assignor to C. K. Williams & Co., Easton, Pa. Producing iron oxide pigments. 2,111,726; Mar. 22.
- Plews, George, Berkeley, Calif., assignor to C. K. Williams & Co., Easton, Pa. Iron oxide pigment. 2,111,727; Mar. 22.
- Plews Processes, Inc. (See Plews, William J., assignor.)
- Plews, William J., Niagara Falls, N. Y., assignor to Plews Processes, Inc. Apparatus for the explosive treatment of materials. 2,116,212; May 3.
- Plews, William J., Niagara Falls, N. Y., assignor to Plews Processes, Inc. Treatment of materials. 2,124,746; July 26.
- Plibrico Jointless Firebrick Company. (See Putnam, Joseph W., Jr., assignor.)
- Plint, Joseph. (See Gorton, W. S., Nyberg, and Plint.)
- Plitt, Albert F., Canton, Ohio. Detachable handle. 2,140,165; Dec. 13.
- Plösch, John H. (See Beckman, R. H., and Plösch, assignors.)
- Ploen, Curtis W., Chicago, Ill., and A. R. Ayers, Shaker Heights, Cleveland, Ohio, assignors to The Okadee Company, Chicago, Ill. Cylinder cock. 2,136,952; Nov. 15.
- Ploetz, Ernst. (See Koerberle, K., and Ploetz.)
- Ploetz, Ernst. (See Ulrich, H., and Ploetz.)
- Ploetz, Walter F., assignor to Chrysler Corporation, Detroit, Mich. Clutch. 2,127,344; Aug. 16.
- Plön, Johannes. (See Griesel, Werner, assignor.)
- Plön, Max, Basel, Switzerland. Stick handled appliance for the care of floors and stairs. 2,127,886; Aug. 23.
- Plön, Max, Basel, Switzerland, assignor to the firm of Pezo Holding Maatschappij N. V., Amsterdam, Netherlands. Releaseable handle fastening device on tools. 2,113,904; Apr. 12.
- Plokin, Joseph H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Hand luggage. 2,126,206; Aug. 9.
- Plokin, Joseph H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Hand luggage. 2,126,207; Aug. 9.
- Plow Wake Corporation, The. (See Russell, Thomas K., assignor.)



- Plumb, Walter G., Ridgewood, N. Y., assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal can body. 2,109,802; Mar. 1.
- Plume & Atwood Manufacturing Company, The. (See Hurlbut, Gordon B., assignor.)
- Plummer, Charles C., Mexico, D. F., Mexico, dedicated to the free use of the Public in the Territory of the United States of America. Insecticide. 2,138,557; Nov. 29.
- Plummer, Jesse H., Newark, Ohio, assignor to Owens-Illinois Glass Company. Heat insulation. 2,134,340; Oct. 25.
- Plummer, Richard W. (See Brill, J. L., and Plummer.)
- Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Polymerizing hydrocarbon gases. Re. 20,950; Dec. 13.
- Plumstead, Joseph E., Wilmington, Del., assignor, by mesne assignments, to The Jessup & Moore Paper Co., Philadelphia, Pa. Producing puffed pulp. Re. 20,752; June 7.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 2,124,353; July 19.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 2,124,354; July 19.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 2,124,355; July 19.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 2,138,586; Nov. 29.
- Plym, Francis J., and J. G. Hoffer, assignors to The Kawneer Company, Niles, Mich. Bow construction for an automobile roof. 2,138,508; Nov. 29.
- Plymouth Cordage Company. (See Drew, R. L., and Reed, assignors.)
- Pneuman, Fred A. (See Greene, G. G., and Pneuman.)
- Pneumatic Scale Corporation. (See Brautigam, Otto G., assignor.)
- Pneumatic Scale Corporation. (See Everett, Arthur C., assignor.)
- Pneumatic Scale Corporation. (See Howard, Stanley R., assignor.)
- Pneumatic Scale Corporation. (See Joplin, William A., assignor.)
- Pneumatic Scale Corporation. (See Lindholm, Arthur W., assignor.)
- Pneumatic Scale Corporation. (See Tiano, Dominic W., assignor.)
- Pneumatic Scale Corporation. (See Vergobbi, John G., assignor.)
- Poage, Marlin Z. (See Poage, Robert A. and M. Z.)
- Poage, Robert A., Panhandle, Tex., and M. Z. Poage, Tallahassee, Fla. V-type brake for motor vehicles. 2,109,648; Mar. 1.
- Pobirs, Albert I., Providence, R. I. Sanitary guard for inhalers. 2,127,136; Aug. 16.
- Pocell, Fred, Chicago, assignor to E. E. Barthell, Winnetka, Ill. Amusement device. 2,135,292; Nov. 1.
- Poch, Waldemar J., Collingswood, N. J., assignor to Radio Corporation of America. Television receiver. 2,122,990; July 5.
- Poch, Waldemar J., C. C. Martinelli, West Collingswood, and A. H. Turner, Collingswood, N. J., assignors to Radio Corporation of America. Oscillator. 2,109,752; Mar. 1.
- Poché, John M., assignor of one-third to W. C. Gonthier and one-third to C. J. Meunier, New Orleans, La. Dredge or excavator. 2,132,184; Oct. 4.
- Pociecha, Michael, assignor to S. and H. Szoplikowska, East Berlin, Conn. Lawn mower. 2,110,071; Mar. 1.
- Podany, Edward J., Detroit, assignor to The Murray Corporation of America. Electric welding apparatus. 2,115,084; Apr. 26.
- Podany, Edward J., Detroit, assignor to The Murray Corporation of America. Apparatus for forming and treating sinuous springs. 2,123,798; July 12.
- Podbielniak, Walter J., Chicago, Ill. Apparatus for effecting counter-current contact between fluids. 2,109,375; Feb. 22.
- Podbielniak, Walter J., Chicago, Ill. Heat treatment of hydrocarbon gases. 2,123,799; July 12.
- Podel, Abraham, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealed package. 2,131,969; Oct. 4.
- Podel, Abraham, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap and package. 2,135,731; Nov. 8.
- Podgurski, Walter, Philadelphia, Pa. Truing tool for watch balance wheels. 2,106,653; Jan. 25.
- Podolsky, Jacob, Dorchester, Mass. Float valve silencer. 2,129,958; Sept. 13.
- Podwyszynski, Thaddeus K., Brooklyn, N. Y. Dispenser. 2,122,695; July 5.
- Poe, Alfred L., Jacksonville, Fla. Adjustable carton cleat. 2,106,654; Jan. 25.
- Poel, Willem F. (See Bikkers, Alexander, assignor.)
- Poelman, Armand J. J., Saint-Maurice, and R. Schneider, Paris, France. Air filter. 2,122,111; June 28.
- Poeschmann, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Hosiery inspecting device. 2,116,478; May 3.
- Poeter, Edward, assignor to E. Poeter & Co. Inc., Irvington, N. J. Handbag frame. 2,104,098; Jan. 4.
- Poeymiron, Henri. (See Boudin, L., and Poeymiron.)
- Poffenberger, Noland, assignor to The Dow Chemical Company, Midland, Mich. Separation of phenols. 2,137,587; Nov. 22.
- Pogue, George D., New York, N. Y., assignor to General Motors Corporation. Spring type vibration isolating apparatus. 2,126,660; Aug. 9.
- Pogue, William F., Spokane, Wash. Heating stove. 2,124,120; July 19.
- Pohl, Ernest, Kiel, Germany. Stand, more particularly for Röntgen apparatus. 2,125,586; Aug. 2.
- Pohl, Robert, Berlin, Germany, assignor to General Electric Company. Laminated core for electrical apparatus. 2,129,535; Sept. 6.
- Pohl, Walter M. (See Parsons, F. A., and Pohl.)
- Pohl, Walter M., and J. B. Armitage, Wauwatosa, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control. 2,110,173; Mar. 8.
- Pohle, Albert, Brooklyn, N. Y. Gravity press. 2,120,679; June 14.
- Pöhler, Bruno, Kamenitz, in Saxony, Germany. Cylinder machine. 2,105,261; Jan. 11.
- Pohontsch, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tube changing device. 2,115,373; Apr. 26.
- Poindexter, Charles F. (See Poindexter, Charles W. and C. F.)
- Poindexter, Charles W. and C. F., near Yadkinville, N. C. Safety appliance for airplanes. 2,115,932; May 3.
- Pointer, Delbert, Farmer City, Ill. Valve stem clearance jig. Re. 20,721; May 10.
- Pointer, Delbert, Farmer City, Ill. Valve stem clearance jig. 2,105,502; Jan. 18.
- Poirette Corsets, Inc. (See Robbins, Philip H., assignor.)
- Poirier, Alphonse, Dutton, Mont. Candy puller. 2,107,213; Feb. 1.
- Poirier, Maurice, Burbank, Calif. Rear wheel suspension. 2,110,819; Mar. 8.
- Poirier, Maurice, Burbank, Calif. Motor vehicle wheel suspension. 2,114,937; Apr. 19.
- Poitras, Edward J., Jackson Heights, and J. D. Tear, Great Neck, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Yieldable drive coupling. 2,134,488; Oct. 25.
- Poix, G. M., Inc. (See Yerkes, Gabrielle M. P., assignor.)
- Pokorny, Karl. (See Gschöpf, R., and Pokorny.)
- Pol, John B., La Porte, Ind., and W. F. Krenzke, assignors to Jacobsen Manufacturing Company, Racine, Wis. Power lawn mower with side cutter units. 2,104,719; Jan. 4.
- Polák, Bohumil, Prague, Czechoslovakia. Hair slide. 2,111,328; Mar. 15.
- Polak, James J., Arnhem, and J. G. Weeldenburg, Ede, Netherlands, assignors to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,125,031; July 26.
- Polan Katz & Company. (See Sobotka, Phillip S., assignor.)
- Poland, Frank F. (See Lindner, K. A., and Poland.)
- Poland, Frank F., New Brunswick, N. J. Apparatus for casting metal. 2,131,070; Sept. 27.
- Poland, Frank F., New Brunswick, and K. A. Lindner, Rahway, N. J. Casting metal. 2,136,394; Nov. 15.
- Poland, Richard A. (See Kidwell, J. C., and Poland.)
- Polcha, Jacob V., Scranton, Pa. Textile machine attachment. 2,108,509; Feb. 15.
- Polden, R. E., Limited. (See Polden, R. E., and Hawkings, assignors.)
- Polden, Reginald E., Tolworth, and W. C. Hawkings, Hook, Surbiton, assignors to R. E. Polden, Limited, London, England. Spectacle frame joint. 2,121,572; June 21.
- Poliakoff, Alexander, London, England. Sound reproducing apparatus. 2,131,669; Sept. 27.
- Poling, Clyde, assignor to West Virginia Lighting Co., Inc., Fairmont, W. Va. Electric light fixture. 2,129,335; Sept. 6.
- Politis, Leon A., North Adams, assignor to C. W. Ransom, Pittsfield, Mass., and himself. Spinal adjustment apparatus. 2,109,577; Mar. 1.
- Polk, Henry H., Jr., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,107,162; Feb. 1.
- Polk, Ralph, Jr. (See Polk, Ralph, Sr., and R., Jr.)
- Polk, Ralph, Jr. (See Polk, Ralph B., and R. Polk, Jr.)
- Polk, Ralph, Jr., Haines City, Fla. Apparatus for segmenting integument free fruit segments. 2,129,101; Sept. 6.
- Polk, Ralph B., and R. Polk, Jr., Haines City, Fla. Segregating integument-free fruit segments. 2,121,097; June 21.
- Polk, Ralph B., and R. Polk, Jr., Haines City, Fla. Apparatus for segmenting fruit. 2,121,098; June 21.
- Polk, Ralph, Sr., Miami, and R. Jr., Haines City, Fla. Extracting fruit juices. 2,137,414; Nov. 22.
- Polk, Robert H., Hapeville, Ga. Switch. 2,119,286; May 31.
- Polki, Jalmar, Chicago, Ill. Lock. 2,114,684; Apr. 19.
- Polkinghorn, Frank A. (See Feldman, C. B. H., and Polkinghorn.)
- Pöll, Hans. (See Suida, H., Pöll, and Nowak.)
- Pollack, Nathan. (See Pollack, Paul and N.)



- Pollack, Paul and N., Brooklyn, N. Y. Heating apparatus for the oil in the crankcase and water in the cooling system of internal combustion engines. 2,122,585; July 5.
- Pollak, Alfred, Woodmere, N. Y. Preparing bread conditioners. 2,137,027; Nov. 15.
- Pollak, Fritz, Vienna, Austria. Production of moldable compositions. 2,134,235; Oct. 25.
- Pollak, Julius. (See Nuding, J. J., and Pollak.)
- Pollapas Patents Limited. (See de Rouge, Charles R. A. M., assignor.)
- Pollard, Carl L., Himrod, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for cutting wood heels. 2,136,522; Nov. 15.
- Pollard, Charles E., Hobokus, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing system. 2,115,148; Apr. 26.
- Pollard, Gurdon T., Denver, Colo. Power transmission. 2,130,632; Sept. 20.
- Pollard, John A., Edmonton, Alberta, Canada. Target. 2,106,655; Jan. 25.
- Pollard, John H., assignor of one-half to A. S. Barron and one-half to R. Burdick, Dallas, Tex. Producing characters. 2,122,043; June 28.
- Pollard, Joseph F., Newburyport, assignor, by mesne assignments, to The International Leather Company, Boston, Mass. Treating leather board. 2,121,668; June 21.
- Pollard, Walter, Romford, England, assignor to A. B. Dick Company, Chicago, Ill. Separating and feeding sheets. 2,108,549; Feb. 15.
- Pollies, Herbert R., New Haven, Conn., assignor to United States Rubber Company, New York, N. Y. Machine for compacting rubber shoe uppers. 2,112,976; Apr. 5.
- Pollina, Frank, Detroit, Mich. Accordion. 2,114,085; Apr. 12.
- Pollinger, Morris D., Stamford, Conn. Shoe display easel. 2,107,306; Feb. 8.
- Pollitt, Stanley D. (See Appleyard, K. C., and Pollitt.)
- Pollitzer, Franz, Grosshesselohe, near Munich, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Process and apparatus for the separation of gas mixtures. 2,122,238; June 28.
- Pollock, Adolph E., New York, N. Y. Umbrella. 2,105,225; Jan. 11.
- Pollock, Albert E., New York, N. Y. List finding device. 2,141,761; Dec. 27.
- Pollock, Gordon B., Los Angeles, Calif. Camera. 2,129,959; Sept. 13.
- Pollock, Max. (See Friedman, H. L., and Pollock.)
- Pollock Paper & Box Company. (See Sullivan, Dan, assignor.)
- Pollapas Patents, Ltd. (See Montrose-Oster, Louis E. W., assignor.)
- Pollapas Patents Limited. (See Rocard, Yves A., assignor.)
- Polly Prentiss, Inc. (See White, Murl A., assignor.)
- Polson, Irl L., Oklahoma City, Okla. Combination ironing board and bench for breakfast table. 2,117,499; May 17.
- Polson, Virgil L., East Moline, Ill. Photographic print drier. 2,106,931; Feb. 1.
- Polster, Philip, Waupun, Wis. Automobile license plate holder. 2,106,015; Jan. 18.
- Polston, John R., assignor to Stanolind Pipe Line Company, Tulsa, Okla. Sampling device. 2,122,991; July 5.
- Polta, Sylvan J., and H. V. Holz, Sandusky, Ohio. Circuit closer. 2,130,290; Sept. 13.
- Polydoroff, Wladimir J., assignor to Johnson Laboratories, Inc., Chicago, Ill. High-frequency inductance device. 2,113,603; Apr. 12.
- Polydoroff, Wladimir J., Wilmette, and D. V. Sinniger, assignors to Johnson Laboratories, Inc., Chicago, Ill. High-frequency coil. 2,135,841; Nov. 8.
- Polymerization Process Corporation. (See Robinson, G. W., and Roberts, assignors.)
- Polymet Manufacturing Company. (See Huffer, J. P., and Wood, assignors.)
- Polymet Manufacturing Corporation. (See Lasky, M., and Wood, assignors.)
- Polymet Manufacturing Corporation. (See Wood, Clarence P., assignor.)
- Polysius, G., Aktiengesellschaft. (See Hasselbach, Alexander, assignor.)
- Polysius, G., Aktiengesellschaft. (See Hoffmann, Joseph H., assignor.)
- Polysius, G., Aktiengesellschaft. (See Schmidt, Theo., assignor.)
- Polzer, Fridolin, South Norwalk, Conn. Staple driving machine. 2,117,741; May 17.
- Polzer, Fridolin, South Norwalk, Conn. Staple driving machine. 2,117,742; May 17.
- Polzer, Fridolin, South Norwalk, Conn. Staple driving machine. 2,117,743; May 17.
- Polzer, Fridolin, South Norwalk, Conn. Staple driving machine. 2,117,744; May 17.
- Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple driving machine. 2,117,741; May 17.
- Pomeroy, Roy J., Los Angeles, Calif., assignor to Paramount Pictures Inc. Making composite pictures. Re. 20,867; Sept. 20.
- Pomeroy, Timothy C., Long Beach, Calif. Hydraulic jack. 2,119,440; May 31.
- Pommer, Erwin, Vienna, Austria. Capping device. 2,129,359; Sept. 6.
- Ponce, Lucien G., Follansbee, W. Va., assignor to Liberty Mirror Works. Ball joint for a rear view mirror. 2,104,099; Jan. 4.
- Ponce, Lucien G., Follansbee, W. Va., assignor to Liberty Mirror Works. Universal mounting. 2,112,656; Mar. 29.
- Poncelet, Arthur J., Arlington, Calif. Sand blasting mechanism. 2,133,149; Oct. 11.
- Pond, Paul J. (See Hinds, James W., assignor.)
- Ponemah Mills. (See Staples, Willard F., assignor.)
- Ponte, Maurice, and L. M. Elie, Paris, France, assignors to Compagnie Generale de Telegraphic Sans Fil. Magnetron modulation system. 2,135,199; Nov. 1.
- Pontikis, James, et al. (See Bear, Albert B., assignor.)
- Pontis, William G., Dayton, Ohio. Fishing rod handle. 2,116,158; May 3.
- Pontis, William G., W. A. Chryst, C. H. Kindl, and B. D. Kunkle, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Compressor. 2,117,448; May 17.
- Pontius, George W., Jr., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Liquid fuel burner. 2,108,141; Feb. 15.
- Pontius, George W., Jr., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,111,297; Mar. 15.
- Poock, Louis F., and W. F. Aller, assignors to The Sheffield Gage Corporation, Dayton, Ohio. Gauging device. 2,139,282; Dec. 6.
- Pool, Austin R., Wetmore, Kans. Safety folding step. 2,125,085; July 26.
- Pool, Austin R., assignor of one-third to O. E. Pool, Wetmore, and one-third to R. S. Lenge, Kansas City, Mo. Safety holder for tank wagon receptacles. 2,117,992; May 17.
- Pool, Enrico, and G. Bonhôte, Basel, and C. Apotheker, Riehen, near Basel, assignors to firm of Society of Chemical Industry in Basle, Basel, Switzerland. Producing fast dyes on the fiber. 2,112,864; Apr. 5.
- Pool, Esson J., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Metal container for radio sets. 2,133,789; Oct. 18.
- Pool, John A., Merchantville, N. J., assignor to Radio Corporation of America. Antenna system. 2,110,715; Mar. 8.
- Pool, Joseph H., Cranwell, assignor to Irving Air Chute of Great Britain Limited, Leitchworth, England. Parachute construction. 2,125,198; July 26.
- Pool, Orville E., et al. (See Pool, Austin R., assignor.)
- Pool, Stephen C., and M. L. Piker, assignors to Eastman Kodak Company, Rochester, N. Y. Removal of cellulose derivatives from suspension containing them. 2,124,894; July 26.
- Pool, William. (See Bennett, J. W., Hale, and Pool.)
- Pool, William O. (See Ralston, A. W., and Pool.)
- Pool, William O., assignor to Armour and Company, Chicago, Ill. Separating nitrile-hydrocarbon mixtures. 2,107,904; Feb. 8.
- Poole, Arthur B., assignor to H. C. Thompson Clock Company, Bristol, Conn. Synchronous timing device. 2,111,193; Mar. 15.
- Poole Foundry & Machine Company. (See Morgan, Merton W., assignor.)
- Poole, Jesse V., Abington, assignor to Puritan Manufacturing Company, Boston, Mass. Sewing machine with roller feed. 2,105,097; Jan. 11.
- Poole, Jesse V., Abington, assignor to Puritan Manufacturing Company, Boston, Mass. Trimming machine. 2,115,786; May 3.
- Poole, John W., Jaffrey, N. H. Producing asphalt in solvent refinement of petroleum substances. 2,128,885; Aug. 30.
- Poole, Lora E., Anderson, and E. W. Beekman, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Grid casting machine. 2,113,033; Apr. 5.
- Poole, Ralph, Bredbury, England, assignor to General Electric Company. Heat transmitting element. 2,112,743; Mar. 29.
- Poole, Roy B., Dayton, Ohio. Slide rule. 2,138,879; Dec. 6.
- Poole, Samuel A. (See Dixon, Fete, assignor.)
- Poole, William C., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for filling oils in containers. 2,140,811; Dec. 20.
- Pooley, Frederick W., Brooklyn, N. Y. Lever mechanism. 2,112,607; Mar. 29.
- Pooley, Wilber G., et al. (See McGrath, Richard B., assignor.)
- Poor & Company. (See Armstrong, Victor C., assignor.)
- Poor & Company. (See DeLox, James G., assignor.)
- Poor & Company. (See Overmier, E., Bates, and Rodman, assignors.)



- Poor & Company. (See Schermerhorn, Edwards F., assignor.)
- Poor & Company. (See Warr, Harold G., assignor.)
- Poor & Company. (See Warr, H. G., and McLaughlin, assignor.)
- Poor & Company. (See Wolhaupter, David P., assignor.)
- Pope, Colbert C., and H. T. Slaton, Mineral Wells, Tex. Tooth powder dispenser. 2,121,047; June 21.
- Pope, Dudley B., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 2,124,928; July 26.
- Pope, Howard L., and G. R. Squibb, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Broaching machine. 2,132,540; Oct. 11.
- Pope, Thomas J. (See Harrison, H. C., and Pope.)
- Pope, Walter E., Port Dickinson, N. Y. Box forming machine. 2,110,423; Mar. 8.
- Popham, Frederick J. (See Stevens, H. P., and Popham.)
- Popmatic Manufacturing Company. (See Roach, Floyd I., assignor.)
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Switch. 2,124,337; July 19.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electrical switch. 2,128,731; Aug. 30.
- Popp, Walter H., and E. A. Ebert, Buffalo, N. Y. Vibratory screen. 2,126,031; Aug. 9.
- Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Process and machine for making window bags. 2,104,814; Jan. 11.
- Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Process and machine for making bags. 2,124,209; July 19.
- Poppen, John R., U. S. Navy. Method and apparatus for controlling the distribution and pressure of certain human body fluids and contents. 2,104,758; Jan. 11.
- Porcelain Enamel & Manufacturing Company, The of Baltimore. (See Craven, H. E., Jr., and Knudsen, assignors.)
- Porcelain Enamel and Manufacturing Company of Baltimore. (See Turk, Karl, assignor.)
- Porcelain Enamel and Manufacturing Company of Baltimore, The. (See Turk, Richard H., assignor.)
- Porche, Robert J. (See Johnson, A. C., and Porche.)
- Porrman, Richard. (See Uhl, J., and Porrman.)
- Porsche, Ferdinand, Stuttgart, Germany. Springing means for vehicles. 2,112,112; Mar. 22.
- Porsche, Dr. Ing. h. c. F., G. m. b. H. (See Rabe, K., and (Boxan, assignor).)
- Port, William E., Richmond Heights, assignor to Coca Cola Bottling Company, St. Louis, Mo. Bottle refrigerating and vending machine. 2,112,448; Mar. 29.
- Portable Lamp & Equipment Co. (See Warden, Charles A., assignor.)
- Portable Lamp & Equipment Company. (See Wilbur, William K., assignor.)
- Portable Rig Company. (See Hodges, Lester E., assignor.)
- Porteous, William K., Twickenham, assignor of fifteen per cent to W. T. Towler, London, England. Sewage disposal. 2,131,711; Sept. 27.
- Porter, Albert L., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon soles. 2,128,318; Aug. 30.
- Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Well pumping apparatus. 2,107,498; Feb. 8.
- Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Stirrup bearing for pitmans. 2,107,499; Feb. 8.
- Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Straight lift pumping unit. 2,113,281; Apr. 5.
- Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Straight lift pumping jack. 2,115,872; May 3.
- Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Walking beam saddle. 2,116,932; May 10.
- Porter, Donald C. (See Swanson, W. H., and Porter.)
- Porter, Edwin S., New York, N. Y. Film magazine for amateur motion picture cameras. Re. 20,622; Jan. 11.
- Porter, Emily W. (See Porter, John E., assignor.)
- Porter, Everett M. (See Githens, O. W., Kende, and Porter.)
- Porter, Frank. (See Bardwell, D. C., and Porter.)
- Porter, Frank, assignor to The Solvay Process Company, Syracuse, N. Y. Phthalic anhydride production. 2,117,359; May 7.
- Porter, George J., Watrous, Pa. Combination book holder, writing and study board. 2,104,524; Jan. 4.
- Porter, George M., Brooklyn, N. Y. Gauge feeding means for cutting machines. 2,118,941; May 31.
- Porter, George R. (See Chico, R., Porter, and Webb.)
- Porter, H. K., Inc. (See Geddies, John W., assignor.)
- Porter, H. K., Inc. (See Lind, F. T., and Webster, assignors.)
- Porter, Harry O., Anderson Township, Hamilton County, Ohio. Noose device. 2,122,264; June 28.
- Porter, Howard C., La Grange, assignor to Signode Steel Strapping Company, Chicago, Ill. Cutting tool. 2,113,769; Apr. 12.
- Porter, John E., assignor to E. W. Porter, Sewickley, Pa. Fuel feed mechanism. 2,115,684; Apr. 26.
- Porter, Kirk E., assignor to The Buckeye Aluminum Company, Wooster, Ohio. Cooking utensil. 2,141,822; Dec. 27.
- Porter, Michael H., Brookline, Mass. Reversible dress. 2,117,449; May 17.
- Porter, Richard C., Wakefield, Mass. Tool support. 2,130,965; Sept. 20.
- Porter Screen Company. (See Maynard, William H., assignor.)
- Porter Screen Company. (See Peters, O. A., and Maynard, assignors.)
- Porter Steel Specialties. (See Parrish, Carl C., assignor.)
- Porter, William A., Brisbane, Australia. Extensible and collapsible mandrel. 2,114,785; Apr. 19.
- Portland Company, The. (See Kimball, Samuel F., assignor.)
- Portmann, August, assignor to the firm Schweizerische Lokomotiv- & Maschinenfabrik, Winterthur, Switzerland. Cylinder head for two-cycle double-bore-cylinder internal combustion engines. 2,142,004; Dec. 27.
- Portner, Louis, Buffalo, N. Y. Key holder. 2,111,493; Mar. 15.
- Porro, Attilio V., Calexico, Calif. Pan lifter. 2,137,180; Nov. 15.
- Porwoll, Frank J., St. Cloud, Minn. Device for securing objects to walls and similar structures. 2,111,034; Mar. 15.
- Possenti, Aurelio, Rome, Italy. Sparking plug. 2,113,516; Apr. 5.
- Posey, Vernon C., Liberty, Tex. Reversing tool. 2,111,076; Mar. 15.
- Post, Charles B. (See Post, Norman R. and C. R.)
- Post, Claude L., Chicago, Ill. Calendar. 2,131,482; Sept. 27.
- Post, Ferdinand C., assignor to Compagnie des Produits Chimiques et Charbons Actifs Edouard Urbain, Paris, France. Gas purifying material. 2,124,260; July 19.
- Post Glover Electric Company, The. (See De Bois, Marvin A., assignor.)
- Post, Harry, Brooklyn, N. Y. Manufacture of fur coats and the product thereof. 2,120,152; June 7.
- Post, Norman R. and C. R., Santa Ana, Calif., assignors to American Tractor Equipment Corp. Earth scraper. 2,138,820; Dec. 6.
- Postal Telegraph-Cable Company (New York). (See Hall-den, F. G., and Wishart, assignors.)
- Poster Products, Inc. (See Burke, Lawrence J., assignor.)
- Poster Products, Inc. (See Engert, Caspar F., assignor.)
- Posthuma, Meindert, Worcester, Mass. Gauge for measuring angles. 2,105,054; Jan. 11.
- Posthumus, Klaas. (See Boumeester, H. G., and Posthumus.)
- Posthumus, Klaas. (See van der Pol, B., and Posthumus.)
- Posthumus, Klaas, Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifying device. 2,119,351; May 31.
- Posthumus, Klaas, Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifying arrangement comprising thermionic tubes having more than one grid. 2,119,514; June 7.
- Postlethwaite, Archibald E. (See Carington, C. M., and Postlethwaite.)
- Postlethwaite, Basil L., Newark, Ohio, assignor to Owens-Illinois Glass Company. Waterproof and oilproof binder. 2,131,750; Oct. 4.
- Postlewait, Clifford G., Oak Park, Ill. Embalming apparatus. 2,124,121; July 19.
- Postma, Frank, Ridgewood, N. J. Abrading device. 2,127,528; Aug. 23.
- Postma, Frank, Ridgewood, N. J. Abrading liner. 2,141,823; Dec. 27.
- Poston, Emmett V., Springfield, Ill. Fabricated brick construction. 2,105,613; Jan. 18.
- Poston, Emmett V., Springfield, Ill. Fabricated brick wall panel construction. 2,122,696; July 5.
- Potapenko, Gennady, Pasadena, Calif., assignor to Geo-Frequenta Corporation. Geophysical prospecting. 2,139,460; Dec. 6.
- Potash Company of America. (See Weinig, Arthur J., assignor.)
- Potbury, Alfred H. (See Peebles, D. D., Manning, and Potbury.)
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Making bags. 2,115,281; Apr. 26.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for use in connection with the making of bags. 2,115,282; Apr. 26.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for treating waxed webs. 2,115,283; Apr. 26.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag. 2,119,216; May 31.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 2,126,920; Aug. 16.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 2,126,921; Aug. 16.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 2,134,057; Oct. 25.
- Potdevin, Adolph, Garden City, and G. E. Hampton, New York, assignors to Potdevin Machine Company, Brooklyn, N. Y. Bag. 2,138,119; Nov. 29.
- Potdevin Machine Company. (See Ertl, Joseph, assignor.)
- Potdevin Machine Company. (See Potdevin, Adolph, assignor.)
- Potdevin Machine Company. (See Potdevin, A., and Hampton, assignors.)



- Poté, Alfred J., Chelsea, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Lamp switching mechanism. 2,106,413; Jan. 25.
- Potez, Henry C. A., Meaulte, France. Wing for aircraft. 2,133,668; Oct. 18.
- Pothier, Jules, Quebec, Quebec, Canada. Fastener for corsets and the like. 2,135,597; Nov. 8.
- Pott, Alfred, Essen-on-the-Ruhr, Germany. Preparing a powdered carbonaceous material for combustion engines. 2,114,456; Apr. 19.
- Pott, Alfred, Essen-on-the-Ruhr, Germany. Production of extracts from carbonaceous material. 2,141,615; Dec. 27.
- Pott, Alfred, and H. Broche, Essen-Ruhr, Germany. Producing extracts from solid carbonaceous materials. 2,123,380; July 12.
- Potteiger, Roy V., Rochester, N. Y. Aligner for manifold sheaves. 2,137,588; Nov. 22.
- Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Windshield operating device. 2,109,256; Feb. 22.
- Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Windshield operating device. 2,109,257; Feb. 22.
- Potter, Charles M., Glendale, assignor to Standard Oil Company, San Francisco, Calif. Instrument carrier. 2,122,697; July 5.
- Potter, Charles P., Toronto, Ontario, Canada. Game apparatus. 2,138,821; Dec. 6.
- Potter, Duane L., Dalton, Pa. Rear control. 2,136,754; Nov. 15.
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 2,139,205; Dec. 6.
- Potter, Frank M., Rome, assignor to General Cable Corporation, New York, N. Y. Electric cable. 2,140,270; Dec. 13.
- Potter, Frederick T., Whitinsville, assignor to Stark Tool Company, Waltham, Mass. Lathe. Re. 20,797; July 12.
- Potter, Harry O., Lake Placid, N. Y. Ski pole. 2,117,010; May 10.
- Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Electric circuit arrangement. Re. 20,859; Sept. 13.
- Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Vacuum tube with tank circuits. 2,107,387; Feb. 8.
- Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Wave amplifier. 2,122,538; July 5.
- Potter, Rowland S., Brightford Heights, assignor to Defender Photo Supply Company, Incorporated, Rochester, N. Y. Color photography structure. 2,126,137; Aug. 9.
- Potter, Sydney W. (See Woodcock, R. B., and Potter.)
- Potter, Thomas I. (See Bronaugh, L. J., and Potter.)
- Potter, Thomas I., Buffalo, N. Y. Refrigerator. 2,107,763; Feb. 8.
- Potter, William W. (See Curtis, Myron S., assignor.)
- Potter, William W., and M. S. Curtis, Pawtucket, R. I.; said Curtis assignor to said Potter. Machine tool. 2,118,024; May 17.
- Pottish, Morris, New York, N. Y. Automatic meter control. 2,113,947; Apr. 12.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Start-stop regenerative repeater. 2,104,273; Jan. 4.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Two-color ribbon mechanism. 2,107,044; Feb. 1.
- Potts, Louis M., Evanston, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Line coating and composing machine. 2,121,048; June 21.
- Potts, Louis M., Evanston, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Line casting and composing machine. 2,123,200; July 12.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selective control system and apparatus. 2,134,005; Oct. 25.
- Potts, Thomas E., Los Angeles, Calif. Burner. 2,107,646; Feb. 8.
- Porta, William F., Kansas City, Mo. Raking apparatus. 2,126,573; Aug. 9.
- Poult, Robert, Issy-les-Moulineaux, France. Flying machine. 2,138,326; Nov. 29.
- Pouliot, Alex., Chicago, Ill. Suction plunger. 2,126,689; Aug. 9.
- Poulsen, Arnold, Charlottenlund, near Copenhagen, Denmark, and O. K. Kolb, A. S. Pratt, and D. W. Boston, assignors to British Acoustic Films Limited, London, England. Photographic sound record and recording. 2,140,200; Dec. 13.
- Pounder, Donald W. (See Murphy, E. A., Madge, Taylor, and Pounder.)
- Poussel, Leopold, assignor to Etablissements Favart, St. Henri, Marseille, France. Automatic cutting machine for bricks or the like. 2,134,374; Oct. 25.
- Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Machine for forming separable fasteners. 2,129,444; Sept. 6.
- Povandra, Frank, Deadwood, S. Dak. Vehicle spring. 2,112,786; Mar. 29.
- Povenz, Friedrich, Rheinfelden/Baden, and A. Rieche, Wolfen, Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purifying chlorinated hydrocarbons. 2,106,158; Jan. 25.
- Povlacs, Lawrence, Jr. (See Killian, E. S., and Povlacs.)
- Powderco, Inc. (See Van Law, Durbin, assignor.)
- Powell, Alan R., and E. C. Davies, assignors to Johnson, Matthey & Company, Limited, London, England. Electrode position of silver. 2,113,517; Apr. 5.
- Powell, Edward R., Cleveland Heights, Ohio, assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y. Process and furnace for making mineral wool. Re. 20,828; Aug. 16.
- Powell, Edward R., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Making a thermal insulating unit. 2,114,353; Apr. 19.
- Powell, Edward R., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Shaping felts of frangible fibers. 2,116,663; May 10.
- Powell, Edward R., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Making mineral wool. 2,126,411; Aug. 9.
- Powell, Edwin L., et al. (See Tufts, Carl R., assignor.)
- Powell, Grace A., Hollywood, Calif. Asparagus cooker. Re. 20,664; Mar. 1.
- Powell, Henry K., Chicago, Ill., assignor, by mesne assignments, to president and directors of the Manhattan Company, New York, N. Y., trustee for Gibson Patent Containers Ltd. Carton assembling mechanism. 2,122,044; June 28.
- Powell, Herbert S., Utica, N. Y. Muffler. 2,104,376; Jan. 4.
- Powell, Jerrell R., Lancaster, Tex. Combined cigarette and pipe lighter. 2,134,462; Oct. 25.
- Powell, Joe. (See Holland, Hal B., assignor.)
- Powell, John D. (See Harris, William E., assignor.)
- Powell, John E., Issaquah, assignor to National Poultry Equipment Co., Seattle, Wash. Making abrasive elements. 2,139,206; Dec. 6.
- Powell, Henry K. (See Lebold, S. N., and Powell.)
- Powell, Laurence C., Portsmouth, Va. Distortion check for welding apparatus. 2,106,987; Feb. 1.
- Powell, Lawrence J., assignor to General Porcelain Enameling & Manufacturing Company, Chicago, Ill. Paneling structure. 2,137,508; Nov. 22.
- Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric system and control apparatus therefor. 2,115,827; May 3.
- Powell, Robert, Rupert, assignor of one-half to V. J. Smith, Burley, Idaho. Microscope. 2,110,653; Mar. 8.
- Powell, Ross C. (See Wolf, O., and Powell.)
- Powell, Ross C., Forest Hills, assignor to The Texas Company, New York, N. Y. Distilling hydrocarbon oils. 2,136,172; Nov. 8.
- Powell, Stanley C., Chicago, Ill., assignor to International Harvester Company. Making mower guards. 2,127,048; Aug. 16.
- Powell, Virgil S., Cedar Rapids, Iowa. Identification device for motor vehicles and operators. 2,123,800; July 12.
- Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,113,383; Apr. 5.
- Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Centralizing traffic controlling system for railroads. 2,114,255; Apr. 12.
- Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,122,112; June 28.
- Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Polar impulse repeater system. 2,124,848; July 26.
- Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,126,208; Aug. 9.
- Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Train describer system. 2,138,880; Dec. 6.
- Powell, Winfred T., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,116,178; May 3.
- Powell, Winfred T., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Train describer system. 2,122,229; June 28.
- Powell, Winfred T., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Automatic train control system. 2,134,952; Nov. 1.
- Powell, Winfred T., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Railway track circuit. 2,135,527; Nov. 8.
- Powell, Zella, et al. (See Holland, Hal B., assignor.)
- Power, James R., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Rectifier system. 2,113,220; Apr. 5.
- Power, James T., assignor to Atlas Powder Company, Wilmington, Del. Print roll composition. 2,121,131; June 21.
- Power, James T., Wilmington, Del., and K. R. Brown, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Acceleration of gelatinization of cellulose nitrate and liquid nitric esters and the product thereof. 2,106,188; Jan. 25.



- Power Patents Company. (See Brandt, David G., assignor.)
- Power Patents Company. (See Forney, William E., assignor.)
- Power Patents Company. (See Morgan, John D., assignor.)
- Powers Accounting Machines Limited. (See McClure, Ernest C., assignor.)
- Powers, Augustin J., New York, N. Y., and J. E. Van Pelt, Maywood, N. J.; said Van Pelt assignor to said Powers. Hat holder. 2,111,371; Mar. 15.
- Powers & Company. (See Powers, Frank M.)
- Powers and Company. (See Powers, Thomas C., assignor.)
- Powers, Donald H. (See Calcott, W. S., Downing, and Powers.)
- Powers, Eugene S., Haddonfield, N. J. Floor construction or the like. 2,132,220; Oct. 4.
- Powers, Frank M., assignor to Powers & Company, Chicago, Ill. Tent. 2,118,572; May 24.
- Powers, Frank T., Douglaston, N. Y. Process camera. 2,115,233; Apr. 26.
- Powers, Frank T., Glen Cove, N. Y. Cooler. 2,116,711; May 10.
- Powers, Frank T., Glen Cove, N. Y. Identifying roentgenograms. 2,120,074; June 7.
- Pownall, George L., New Richmond, Ohio. Mechanical refrigerator. 2,132,879; Oct. 11.
- Powers, George H., et al. (See Hilton, Everett S., assignor.)
- Powers, Milton A., Detroit, Mich., assignor, by mesne assignments, to The Timken-Detroit Axle Company. Carbureting ring structure for wall flame burners. 2,107,800; Feb. 8.
- Powers, Milton A., Detroit, Mich., assignor, by mesne assignments, to The Timken-Detroit Axle Company. Igniting device for liquid fuel burners. 2,115,873; May 3.
- Powers, Milton A., Detroit, Mich., assignor, by mesne assignments, to The Timken-Detroit Axle Company. Liquid fuel burning apparatus. 2,130,471; Sept. 20.
- Powers, Milton A., and J. A. Wilson, Detroit, Mich., assignors, by mesne assignments, to The Timken-Detroit Axle Company. Apparatus for burning liquid fuels. 2,119,830; June 7.
- Powers, Milton A., and J. A. Wilson, Detroit, Mich., assignors, by mesne assignments, to The Timken-Detroit Axle Company. Apparatus for burning liquid fuels. 2,120,626; June 14.
- Powers, Paul H., assignor of one-half to C. C. Nall, Chickasaw, Ala. Carrier. 2,139,849; Dec. 13.
- Powers Regulator Company, The. (See Crump, Alvin L., assignor.)
- Powers Regulator Company, The. (See Klages, Frank E. P., assignor.)
- Powers Regulator Company, The. (See Snediker, Morton O., assignor.)
- Powers Regulator Company, The. (See Young, Howard J., assignor.)
- Powers, Rolla E., Westfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Phase sequence apparatus. 2,121,609; June 21.
- Powers, Thomas C., Upper Darby, assignor to Powers and Company, Philadelphia, Pa. Tent construction. 2,139,033; Dec. 6.
- Powers, W. F., Company, The. (See Powers, William S., assignor.)
- Powers, William S., assignor to The W. F. Powers Company, New York, N. Y. Device for displaying merchandise. 2,123,290; July 12.
- Power Transmission Company, The. (See Ljungstrom, Olof, assignor.)
- Pradier, Enogat. (See Lafitte, T. J. B., and Pradier.)
- Pradt, Alan E. (See Mull, A. B., and Pradt.)
- Pradt, Alan E., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Easel display support. 2,115,448; Apr. 26.
- Pradt, Alan E., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Display support. 2,115,449; Apr. 26.
- Prag, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Broach. 2,120,041; June 7.
- Praeger, Frank H., Tulsa, Okla., assignor, by mesne assignments, to Alcorn Combustion Company, Philadelphia, Pa. Method of and apparatus for heating oil or petroleum to elevated temperatures. 2,129,589; Sept. 6.
- Praeger, Melville, New York, N. Y. Scaffold horse. 2,131,356; Sept. 27.
- Prairie Farm Service Company. (See Holt, Gus A., assignor.)
- Prance, Alvin W., Pleasant Ridge, assignor to Briggs Manufacturing Company, Detroit, Mich. Dome light assembly. 2,116,324; May 3.
- Prange, Charles H., Lyndhurst, N. J., assignor to Austenal Laboratories, Inc., New York, N. Y. Cast metal denture. Re. 20,877; Oct. 4.
- Prange, Charles H., Lyndhurst, N. J., assignor to Austenal Laboratories, Inc., New York, N. Y. Denture. 2,135,600; Nov. 8.
- Prange, Charles H., Lyndhurst, N. J., and E. H. Zahn, Port Washington, assignors to Austenal Laboratories, Inc., New York, N. Y. Swaged denture and making the same. 2,106,809; Feb. 1.
- Pranger, Albert. (See Guiberson, W. R., and Pranger.)
- Pranger, Albert, assignor to The Guiberson Corporation, Dallas, Tex. Stuffing box. 2,119,244; May 31.
- Pranger, Albert, and H. F. Carrington, assignors to The Guiberson Corporation, Dallas, Tex. Oil saver. 2,136,465; Nov. 15.
- Prangle, Marshall F., Transvaal, Union of South Africa. Bead runner. 2,110,401; Mar. 8.
- Prasch, Aloysius L., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,110,573; Mar. 8.
- Prat-Daniel Corporation. (See Whiton, Louis C., Jr., assignor.)
- Prather, Clare. (See Bennett, H. T., and Prather.)
- Prather, Duane. (See Russell, Clarence W., assignor.)
- Prati, Armando, Brooklyn, N. Y. Clamping pin device for smoothing and tightening fabrics for cutting goods for clothing. 2,128,758; Aug. 30.
- Pratt, A. W. (See Belcher, Walter E., assignor.)
- Pratt, Albert S. (See Poulsen, A., Koib, Pratt, and Boston.)
- Pratt, Charles A., Ysleta, Tex. Drainage channel cleaner. 2,136,982; Nov. 15.
- Pratt, Edward J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic device. 2,140,139; Dec. 13.
- Pratt, Francis G., Seattle, Wash. Group test strip. 2,105,226; Jan. 11.
- Pratt, Jabez H. (See Hunt, F. B., Pratt, Tirrell, and Turner.)
- Pratt, James H., G. E. Manley, and A. H. G. Girling, Birmingham, England. Internally expanding brake. 2,133,669; Oct. 18.
- Pratt & Lambert, Inc. (See Hoffman, C. W., Schmidt, and Flowers, assignors.)
- Pratt, Nathaniel P., Atlanta, Ga. Utilizing the energy of fuel charges in internal combustion engines. 2,113,601; Apr. 12.
- Pratt, Nathaniel P., Atlanta, Ga. Internal combustion engine. 2,113,602; Apr. 12.
- Pratt, Raymond C., assignor, by mesne assignments, to H. B. Dodge and Company, Chicago, Ill. Spring controlled Venetian blind. 2,128,163; Aug. 23.
- Pratt, Raymond C., assignor to H. B. Dodge and Company, Chicago, Ill. Window blind. 2,133,113; Oct. 11.
- Pratt, Robert H., Milwaukee, Wis., assignor, by mesne assignments, to Oak Manufacturing Company, Chicago, Ill. Indexing mechanism. 2,115,284; Apr. 26.
- Pratt, Robert J., Cochrane, Alberta, Canada. Pneumatic tire gauge. 2,119,287; May 31.
- Pratt, Verneur E., Stamford, Conn., assignor, by mesne assignments, to Plant Liquidation Corporation. Projection apparatus. 2,130,561; Sept. 20.
- Pratt, Verneur E., Stamford, Conn., assignor, by mesne assignments, to Plant Liquidation Corporation. Selecting and indicating device. 2,130,562; Sept. 20.
- Pratt, Verneur E., Stamford, Conn., and Z. Takats, Leonia, N. J., assignors, by mesne assignments, to Plant Liquidation Corporation. Projection device. 2,125,582; Aug. 2.
- Pratt, Ward E., East Orange, N. J. Centrifugal pump. 2,117,011; May 10.
- Pratt, William A., Watford, England, assignor to The F. P. Rosback Company, Benton Harbor, Mich. Wire stitching machine. 2,105,372; Jan. 11.
- Pratt, William B., Wellesley Hills, Mass. Treating cotton. 2,126,809; Aug. 16.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Induction watt-hour meter. 2,115,589; Apr. 26.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Color changing indicator. 2,123,743; July 12.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Load loss meter. 2,125,124; July 26.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Watt-hour meter. 2,132,271; Oct. 4.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Multiple element meter. 2,134,575; Oct. 25.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Volt-ampere-hour meter. 2,136,251; Nov. 8.
- Prausnitz, Paul, assignor to firm Jenaer Glaswerk Schott & Gen., Jena, Germany. Making porous filter bodies of particles of glass. 2,114,748; Apr. 19.
- Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,107,584; Feb. 8.
- Praytor, Nora L., Birmingham, Ala. Hair drying shield. 2,124,431; July 19.
- Prazak, Emil, Elizabeth, N. J. Sewing machine. 2,121,884; June 28.
- Prazisions-Werkstätten Seeger & Co. G. m. b. H. (See Piesker, B., and Goy, assignors.)
- Prebilt Housing Corporation. (See Corbett, H. W., and Hasenburger, assignors.)
- Prebluda, Harry J., Baltimore, Md. Vanadyl lactate and making it. 2,135,111; Nov. 1.
- Precision Dental Mfg. Co. (See Van Dorn, W. E., and Terrell, assignors.)
- Precision Radiograph. (See Struck, George R., assignor.)
- Precision Scientific Company. (See Canuteson, Irving L., assignor.)



- Preddey, Walter G., San Francisco, Calif. Marquee. 2,114,639; Apr. 19.  
 Preferred Utilities Company. (See Vidalie, Rene M., assignor.)  
 Preissner, Edmund, New Britain, Conn. Mop holder. 2,104,331; Jan. 4.  
 Preist, Thomas P. (See Renshaw, A. P. B., and Preist.)  
 Preist, Thomas P., Poulton, Wallasey, assignor, by mesne assignments, to Automatic Telephone & Electric Company, Limited, London, England. Traffic signal control system. 2,117,981; May 17.  
 Preiswerk, Max, assignor to Aluminum-Industrie-Aktien-Gesellschaft, Neuhausen, Switzerland. Vibration damper. 2,132,319; Oct. 4.  
 Premier Crystal Laboratories, Inc. (See Thomas, William A., assignor.)  
 Premier Electric Heaters, Limited. (See Newton, Albert E., assignor.)  
 Premier Manufacturing and Sales Company, et al. (See Lofstedt, William J., assignor.)  
 Premier Metal Etching Co. (See Lehrfeld, Robert W., assignor.)  
 Premier-Pabst Corporation. (See Baker, Gerald C., assignor.)  
 Premier-Pabst Corporation. (See Ribble, Harry W., assignor.)  
 Premo Rubber Company Limited. (See Levy, Arnold, assignor.)  
 Prendergast, Pierce, Pittsburgh, Pa. Fuse plug. 2,106,109; Jan. 18.  
 Prendes, Joaquina, New York, N. Y. Coin operated vending device. 2,122,265; June 28.  
 Preneta, Joseph, Hartford, Conn. Gun holster. 2,109,734; Mar. 1.  
 Prentice, Allan L., Cleveland, Ohio, assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe key. 2,138,196; Nov. 29.  
 Prentice, G. E., Manufacturing Company. (See Legat, Robert C., assignor.)  
 Prentice, George E., Berlin, Conn. Making fastener units. 2,116,712; May 10.  
 Prentice, George M. (See Bidwell, P. W., and Prentice.)  
 Prentice, James M. (See Hano, E., and Prentice.)  
 Prentiss, Polly, Inc. (See Bradwell, Robert H., assignor.)  
 Prentiss, Polly, Inc. (See Windham, R. H., and White, assignors.)  
 Prentiss Wabers Products Co. (See Wiltrout, Richard E., assignor.)  
 Prentiss-Wabers Products Co. (See Yeager, Anton J., assignor.)  
 Presbrey, Otis F., Brooklyn, N. Y. Dynamometer or/and testing apparatus for motor vehicles. 2,130,900; Sept. 20.  
 Presburg, Maurice, et al. (See Krasselt, Theodor, assignor.)  
 Presby, Harry A., assignor of thirty-seven and a half per cent to F. M. Smith and twenty-five per cent to B. P. Craig, Sacramento, Calif. Rotary compressor. 2,129,960; Sept. 13.  
 Presby, Leroy Q., Melrose, assignor to American Stay Company, East Boston, Mass. Printing press. 2,107,647; Feb. 8.  
 Presby, Leroy Q., Melrose, assignor to American Stay Company, East Boston, Mass. Apparatus for making shoe trimmings and the like. 2,123,488; July 12.  
 Prescott, Arthur T., East Orange, N. J., assignor to R. E. Ogden, Mountville, N. Y. Door. 2,118,942; May 31.  
 Prescott, Charles H., Jr., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron emitting cathode and preparation. 2,115,828; May 3.  
 Prescott, Ford L., Dayton, Ohio. Record sheet holder. 2,122,437; July 5.  
 Prescott, Frank H. (See Doane, H. C., Prescott, and Michel.)  
 Prescott, Henry T., Chicago, Ill. Reed for musical instruments. 2,106,016; Jan. 18.  
 Prescott, Henry T., Chicago, Ill. Culture device. 2,118,684; May 24.  
 Prescott, Ralph F., assignor to The Dow Chemical Company, Midland, Mich. Preparation of 2,4-dinitro-6-cyclohexylphenol. 2,112,543; Mar. 29.  
 Prescott, Sherwood F. (See Person, G. W., and Prescott.)  
 President and Board of Trustees of St. Louis University. (See Dolsy, E. A., and Katzman, assignors.)  
 Press, Carl, South Bend, Ind. Brake. 2,105,297; Jan. 11.  
 Press, Carl, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,109,091; Feb. 22.  
 Press, Carl, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,118,106; May 24.  
 Press, Carl, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,130,857; Sept. 20.  
 Pressed Steel Car Company. (See Anderson, John P., assignor.)  
 Pressed Steel Car Company. (See Blest, M. C., and Koch, assignors.)  
 Pressed Steel Company Limited. (See Simmle, Walter S., assignor.)  
 Pressed Steel Tank Company. (See Conkley, William E., assignor.)  
 Pressed Steel Tank Company. (See Newton, Howard L., assignor.)  
 Pressed Steel Tank Company. (See Newton, H. L., and Merker, assignors.)  
 Pressed & Welded Steel Products Company. (See Haskin, Walter E., assignor.)  
 Pressel, Friedrich. (See Bauer, K., and Pressel and Medweth.)  
 Pressler, Hermann, and H. Richter, Leipzig, Germany, assignors to Radio Patents Corporation, New York, N. Y. Electric discharge lamp. 2,138,197; Nov. 29.  
 Pressley, Augusta M., Concord, N. C. Quill chute. 2,116,039; May 3.  
 Prestage, Edwin, London, England. Hinge. 2,133,307; Oct. 18.  
 Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Bracelet cord clasp. 2,131,454; Sept. 27.  
 Prestinari, Eugen, Summit, N. J., assignor to The Hadley Company, Inc., Providence, R. I. Clasp construction. 2,141,251; Dec. 27.  
 Presto Lock Corporation. (See Levine, Abraham, assignor.)  
 Prest-O-Lite Battery Company. (See Simmons, Herbert G., assignor.)  
 Prest-O-Lite Company, The. (See De Motte, Maurice P., assignor.)  
 Prest-O-Lite Storage Battery Corporation. (See Hopkins, Mark A., assignor.)  
 Preston, Charles F., Sr., Harrison, assignor to Lignose, Inc., Mamaroneck, N. Y. Treating wood. 2,111,494; Mar. 15.  
 Preston, Charles I., and H. M. Hammill, Williamsport, Pa., assignors to Aviation Manufacturing Corporation, Chicago, Ill. Controllable pitch propeller. 2,105,843; Jan. 18.  
 Preston, Edward S., Hinsdale, assignor to Chicago, Electric Manufacturing Company, Chicago, Ill. Heating appliance. 2,120,220; June 7.  
 Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Handle for heating appliances. 2,120,221; June 7.  
 Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Fan structure. 2,122,919; July 5.  
 Preston, Edward S., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Rubber bladed fan. 2,123,146; July 5.  
 Preston, Frank W., Butler, Pa. Structural glass. 2,126,574; Aug. 9.  
 Preston, Frank W., Paterson, N. J. Narrow ware loom. 2,132,758; Oct. 11.  
 Preston, Frank W., Paterson, N. J. Marionette for narrow ware looms. 2,134,201; Oct. 25.  
 Preston, George C. (See Wakeman, John E., assignor.)  
 Preston, George W., San Leandro, Calif. Feed mechanism for metal spray. 2,130,698; Sept. 20.  
 Preston, Gerald H., North Linthicum, assignor of twenty-four per cent to H. W. Allers and J. A. Cochran, and twenty-five per cent to A. N. Anderson, Baltimore, Md. Garment. 2,138,041; Nov. 29.  
 Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Stoker grate block. 2,133,114; Oct. 11.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,107,163; Feb. 1.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,116,177; May 3.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Train describer system. 2,122,358; June 28.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,122,379; June 28.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,126,209; Aug. 9.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,126,210; Aug. 9.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,126,211; Aug. 9.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Train dispatching system for railroads. 2,129,182; Sept. 6.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Railway track circuit and relay therefor. 2,135,528; Nov. 8.  
 Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,139,562; Dec. 6.  
 Preston, Neil D., and F. R. Hitchcock, assignors to General Railway Signal Company, Rochester, N. Y. Centralized traffic control system. 2,129,183; Sept. 6.  
 Preston, Sam B., Birmingham, Ala. Searl. 2,131,118; Sept. 27.  
 Preston, Ward H., assignor to Papee Machine Company, Shortsville, N. Y. Ensilage cutting machine. 2,115,234; Apr. 26.  
 Preston, Ward H., assignor to Papee Machine Company, Shortsville, N. Y. Hammer mill. 2,122,658; July 5.  
 Pretot, Armand V. (See Shipway, G. E., and Pretot.)  
 Pretot, Armand V., New Providence, N. J., assignor to Johns Manville Corporation, New York, N. Y. Wall assembly. 2,137,677; Nov. 22.



- Preuss, Ernst Gustav. (See Loewenstein, Carl A., assignor.)
- Preussische Bergwerks- und Hütten-Aktiengesellschaft. (See Haase, K., and Werth, assignors.)
- Preussische Bergwerks- und Hütten-Aktiengesellschaft. (See Haase, K., Werth, and Probst, assignors.)
- Previn, Arthur G. (See Ligh, C. G., and Previn.)
- Prezioso, Giuseppe, assignor to E. Paillard & Cie, S. A., Yverdon, Switzerland. Portable typewriter. 2,140,092; Dec. 13.
- Pribble, John W. (See Robb, Cecil H., assignor.)
- Pribyl, Elmer L., Wymore, Nebr. Auger. 2,107,958; Feb. 8.
- Pribyl, Rudolph, Salt Lake City, Utah. Rinsing and wringing machine. 2,119,686; June 7.
- Price, Arthur E., assignor to Hinckley-Myers Company, Jackson, Mich. Differential pinion gauge. 2,117,854; May 17.
- Price, Bailey E., Dallas, Tex. Fluid meter. 2,105,262; Jan. 11.
- Price Brothers, Inc. (See Hammer, Hyman C., assignor.)
- Price, Carl M., assignor to E. M. Markell, Berkeley, Calif. Manufacturing aggregates. 2,112,380; Mar. 29.
- Price, Earl R. (See Price, Harold W. and E. R.)
- Price, Edward T., assignor to Cadillac Malleable Iron Company, Cadillac, Mich. Wheeled attachment for motor vehicles. 2,137,699; Nov. 22.
- Price, Emil, and W. A. Pfister, Los Angeles, Calif. Shower head. 2,118,943; May 31.
- Price, Floyd, and A. F. Palmer, Wellsboro, Pa. Milk can conveyor. 2,107,500; Feb. 8.
- Price, Forest W., assignor to Pacific Minerals Company, Ltd., Richmond, Calif. Roofing material and making the same. 2,118,898; May 31.
- Price, Fronso A., Ansted, W. Va. Portable roller bender. 2,125,688; Aug. 2.
- Price, Harold W., assignor to Bendix Products Corporation, South Bend, Ind. Valve for brakes. 2,106,017; Jan. 18.
- Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,118,226; May 24.
- Price, Harold W. and E. R., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,127,752; Aug. 23.
- Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,134,576; Oct. 25.
- Price, Harold W. and E. R., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,137,544; Nov. 22.
- Price, Howard W., assignor, by mesne assignments, to J. M. Huber Corporation, Borger, Tex. Apparatus for treating finely divided powders. 2,127,137; Aug. 16.
- Price, Jacob R. (See Flick, Z. E., Price, and Seacat.)
- Price, James E., Manhattan Beach, Calif., assignor to Burdette Lock Company. Combined lock and latch. Re. 20,639; Jan. 25.
- Price, Jesse. (See Randall, Donald, assignor.)
- Price, John F., assignor to Oswego Falls Corporation, Fulton, N. Y. Apparatus for accurately positioning work relative to a tool. 2,109,849; Mar. 1.
- Price, John F., assignor to Oswego Falls Corporation, Fulton, N. Y. Slip cover construction. 2,141,447; Dec. 27.
- Price, Joseph, West New Brighton, assignor to The Griscom-Russell Company, New York, N. Y. Method and apparatus for making heat exchangers. 2,119,960; June 7.
- Price, Joseph W., Jr. (See Light, R. A., and Price.)
- Price, Laurence L., and O. Dittmann, Los Angeles, Calif. Towel for towel cabinets. 2,110,238; Mar. 8.
- Price, Laurence L., Los Angeles, and M. E. Maltby, Bell, Calif. Paper towel dispenser and timer. 2,135,767; Nov. 8.
- Price, Mitchell D., Miami, Fla. Game and projectile therefor. 2,109,120; Feb. 22.
- Price, Nathan C., Berkeley, Calif. Control system. 2,106,414; Jan. 25.
- Price, Nathan C., Berkeley, Calif. Control. 2,112,750; Mar. 29.
- Price, Nathan C., Berkeley, Calif., assignor to Sirius Corporation. Boiler regulation. 2,119,245; May 31.
- Price, Nathan C., Berkeley, assignor to Universal Engine and Propeller Co., Alameda, Calif. Fluid actuated valve mechanism. 2,133,569; Oct. 18.
- Price, Nathan C., and M. Lothrop, Berkeley, Calif. Engine. 2,107,389; Feb. 8.
- Price, Nathan H., assignor of one-half to Mrs. A. Schoettlin, Birmingham, Ala. Rifle. 2,119,441; May 31.
- Price, Osborne I., Frederick, Md. Portable rewinding machine. 2,132,698; Oct. 11.
- Price, Osborne I., Frederick, Md., assignor, by mesne assignments, to General Motors Corporation, Dayton, Ohio. Refrigeration apparatus. 2,121,049; June 21.
- Price, Ralph E. (See Ott, C. L., and Price.)
- Price, Ralph H. (See Shankland, R. V., and Price.)
- Price, Ralph H., Galveston, Tex., and V. Voorhees, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,119,401; May 31.
- Price, Robert B., Oakland, assignor to American Tractor Equipment Corporation. Earth moving device. 2,107,119; Feb. 1.
- Price, Robert H., Colorado Springs, Colo. Dry cleaning liquid and making same. 2,111,571; Mar. 22.
- Price, Rufus H., Carrizo Springs, Tex. Windmill pump attachment. 2,135,112; Nov. 1.
- Price, Stanley, La Grange, Ill., W. R. Hummel, Maplewood, N. J., and A. A. Bureau, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Package. 2,134,375; Oct. 25.
- Price, Stanley D., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas testing. 2,114,401; Apr. 19.
- Price, Walter, Ridgewood, N. J. Box loom. 2,134,953; Nov. 1.
- Price, Whitfield, Charleston, W. Va., assignor, by mesne assignments, to Westvaco Chlorine Products Corporation, New York, N. Y. Stabilizing chlorinated hydrocarbons. 2,108,390; Feb. 15.
- Prickett, Thomas B. (See Houdry, E. J., and Prickett.)
- Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Apparatus for treating fluids. 2,108,076; Feb. 15.
- Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Converter having heat exchange members or wells for recording elements. 2,127,529; Aug. 23.
- Priddy, Thomas R., Richmond, Va., assignor, by mesne assignments, to The American Tobacco Company, New York, N. Y. Stemming machine. 2,114,457; Apr. 19.
- Pride, George H., New York, N. Y. Lift truck or the like. 2,122,992; July 5.
- Pride, George H., New York, N. Y. Lift truck or the like. 2,127,938; Aug. 23.
- Pride, William A., Medford, Mass. Hollow wall building construction. 2,139,461; Dec. 6.
- Priftl, Spiro, Chicago, Ill. Window. 2,107,711; Feb. 8.
- Priestman, Neil Y. (See Flegal, J. R., and Priestman.)
- Priest, Wilmer M. (See Linke, H., and Priest.)
- Priester, Remmet, assignor to Naamlooze Vennootschap Industriële Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Resins and making same. 2,117,255; May 10.
- Priester, Remmet, assignor to Naamlooze Vennootschap Industriële Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Manufacturing driers. 2,128,732; Aug. 30.
- Priewe, Hans. (See Schoeller, W., Serini, Gehrke, Priewe, Strassberger, and Logemann.)
- Prime, Phoebe P. (See Hood, D. J., and Winterburg, assignors.)
- Primm, Joseph P., Rome, Ga. Knitted fabric. 2,105,987; Jan. 18.
- Primographic Company, Limited, The. (See Prinz, L., and Morgenstern, assignors.)
- Primos, Andrew. (See Giardina, V., and Primos.)
- Prina, Frank R. (See Apostoluk, S., and Prina.)
- Prina, Frank R., New York, N. Y., assignor to New York Clasp Corporation. Suspenders. 2,139,517; Dec. 6.
- Prince, Betty E., Charleston, W. Va. Bathtub. 2,112,409; Mar. 29.
- Prince, Charles S., Washington, D. C. Guard for drinking glasses. 2,136,755; Nov. 15.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Electroresponsive device. 2,110,676; Mar. 8.
- Prince, Earl S., Sterling, Ill. Liquid mixing apparatus. 2,131,190; Sept. 27.
- Prince, Frank N., Brooklyn, and O. G. Jakob, St. Albans, assignors to Continental Can Company, Inc., New York, N. Y. Container and wiper therefor. 2,109,803; Mar. 1.
- Prince, James D. (See Butler, K. H., Gagnon, and Prince.)
- Prince, James D. (See Hanahan, M. L., and Prince.)
- Prince, Leon M., Jr., New York, N. Y. Lane marker. 2,117,982; May 17.
- Princeton, Inc. (See Fleisher, Harry, assignor.)
- Principessa, Tito, Ellwood City, Pa. Clothes drier. 2,117,627; May 17.
- Prindle, Karl E., Shaker Heights, assignor to The Dobeckmun Company, Cleveland, Ohio. Decorative material. 2,124,210; July 19.
- Prindle, Karl E., Shaker Heights, assignor to The Dobeckmun Company, Cleveland, Ohio. Textile. 2,129,504; Sept. 6.
- Prindle, Karl E., Shaker Heights, assignor to The Dobeckmun Company, Cleveland, Ohio. Package. 2,141,252; Dec. 27.
- Pringle, William A. (See Sheppard, J. F., Manuel, and Pringle.)
- Pringle, William A., Niagara Falls, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Record assembly. 2,108,510; Feb. 15.
- Pringle, William L., assignor to United States Gypsum Company, Chicago, Ill. Lacquer-undercoat protective coating. 2,104,240; Jan. 4.
- Prins, Leendert, Wassenaar, Netherlands. Advertising device. 2,116,638; May 10.
- Prinz, Dietrich G., Wembley, Middlesex, assignor to The General Electric Company Limited, London, England. Electric discharge device. 2,117,993; May 17.
- Prinz, Leopold, London, and P. Morgenstern, Vienna, assignors to The Primographic Company Limited, London, England. Process for the photomechanical production of single- or multicolor pictures or writing on hard material. 2,131,298; Sept. 27.



- Prior, Alfred C., Deptford, London, England. Packing machine. 2,117,625; May 17.
- Pritchard, J. F., & Company. (See Pabodie, Robert R., assignor.)
- Pritchard, William T., Belvidere, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lubricating device. 2,133,831; Oct. 18.
- Pritham, Charles H., Philadelphia, Pa. Pyrotechnic compositions. 2,123,201; July 12.
- Pritschow, Karl, and H. Dopheide, assignors to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic camera. 2,106,622; Jan. 25.
- Prive, Alfred A., Manchester, N. H., assignor to George E. Stevens, Melrose, Mass. Building construction. 2,132,832; Oct. 11.
- Privett, Percy E., Wimbledon, London, England, assignor to Radio Corporation of America. Cooling means for thermionic valves. 2,110,774; Mar. 8.
- Probst, Hermann. (See Haase, K., Werth, and Probst.)
- Process Machine Corporation. (See Klopfenstein, Jesse D., assignor.)
- Process Management Company Inc. (See Atwell, Harold V., assignor.)
- Process Management Company. (See Cooke, Horace B., assignor.)
- Process Management Company. (See Keith, Percival C., Jr., assignor.)
- Prochaska, Carroll W., Mount Vernon, N. Y. Measuring apparatus. 2,121,980; June 28.
- Prochnow, Felix E., assignor to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,130,001; Sept. 20.
- Prochnow, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver of telephonic or telegraphic signals. 2,125,953; Aug. 9.
- Procter & Gamble Company, The. (See Burt, R. V., Duncan, and Short, assignors.)
- Procter & Gamble Company, The. (See Coith, H. S., Richardson, and Votaw, assignors.)
- Procter & Gamble Company, The. (See Duncan, Robert A., assignor.)
- Procter & Gamble Company, The. (See Epstein, A. K., and Harris, assignors.)
- Procter & Gamble Company, The. (See Faulkner, Seymour, assignor.)
- Procter & Gamble Company, The. (See Harris, Benjamin R., assignor.)
- Procter & Gamble Company, The. (See Kieffer, R. S., and Schenke, assignors.)
- Procter & Gamble Company, The, et al. (See McAllister, Walter H., assignor.)
- Procter & Gamble Company, The. (See McAllister, W. H., Duncan, and Quimby, assignors.)
- Procter & Gamble Company, The. (See Mills, Victor, assignor.)
- Procter & Gamble Company, The. (See Reynolds, M. C., Harris, and Epstein, assignors.)
- Procter & Gamble Company, The. (See Richardson, Albert S., assignor.)
- Procter & Gamble Company, The. (See Richardson, A. S., Coith, and Votaw, assignors.)
- Procter & Gamble Company, The. (See Richardson, A. S., and Eckey, assignors.)
- Procter & Gamble Company, The. (See Suter, Chester M., assignor.)
- Procter & Gamble Company, The. (See Tucker, Nathaniel B., assignor.)
- Proctor, B. A., Company. (See Proctor, Barton A., assignor.)
- Proctor, B. A., Company, Inc. (See Proctor, B. A., and Thiede, assignors.)
- Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Phonographic turntable. 2,104,241; Jan. 4.
- Proctor, Barton A., Larchmont, assignor, by mesne assignments, to News Projection Corporation, New York, N. Y. Machine for co-operating with record receiving tapes. 2,118,057; May 24.
- Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Sound recording and reproducing mechanism. 2,133,333; Oct. 18.
- Proctor, Barton A., Larchmont, and F. C. W. Thiede, Hempstead, assignors to B. A. Proctor Company, Inc., New York, N. Y. Making phonographic records. 2,106,623; Jan. 25.
- Proctor, John R. (See Campbell, R., and Proctor.)
- Proctor, John R., assignor to Atlas Steel Barrel Corporation, Bayonne, N. J. Clamping ring. 2,125,808; Aug. 2.
- Proctor, Ralph R. (See Ridenour, Ralph O., assignor.)
- Proctor & Schwartz, Incorporated. (See Allen, T. W., Senior, Bokum, and Richl, assignors.)
- Proctor & Schwartz, Incorporated. (See Bogarty, Hermann S., assignor.)
- Proctor & Schwartz, Incorporated. (See Hershey, Herbert T., assignor.)
- Proctor & Schwartz, Incorporated. (See Huxthal, Alpheus O., assignor.)
- Proctor & Schwartz, Inc. (See Myers, Joseph W., assignor.)
- Proctor & Schwartz, Incorporated. (See Schwartz, Walter M., assignor.)
- Proctor & Schwartz, Incorporated. (See Wannamaker, Harry F., assignor.)
- Produce Conditioners, Inc. (See Coulter, Marion D., assignor.)
- Product Development and Engineering Corporation. (See Trofimov, Lev A., assignor.)
- Productive Inventions, Inc. (See Anderson, John W., assignor.)
- Productive Inventions, Inc. (See Bidwell, Earl E., assignor.)
- Productive Inventions, Inc. (See Sowers, Harry L., assignor.)
- Products Protection Corporation. (See Haddad, Labeeb B., assignor.)
- Products Protection Corporation. (See Olving, Bror G., assignor.)
- Proehl, Howard. (See Seitz, E., and Proehl.)
- Proffitt, Russell P., Chicago, Ill., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 2,118,767; May 24.
- Progress Corporation. (See Grodka, Frederick, assignor.)
- Prohaska, Albert E. (See Wilson, A. L., Prohaska, and Schmidt.)
- Progressive Service Company. (See Deubel, Carl G., assignor.)
- Prolamine Products Incorporated. (See Hansen, Donald W., assignor.)
- Promisel, Nathan. (See Egeberg, B., and Promisel.)
- Prompt, Lucien L. J., Colombes, France. Control mechanism. 2,121,445; June 21.
- Propello Inventions Limited. (See Yoxall, Joseph, assignor.)
- Proply-lac-tic Brush Company. (See Talbot, William F., assignor.)
- Proportioners, Inc. (See Corydon, J., Jr., and Lowe, assignors.)
- Prosen, Emil M., assignor to Mobilium Products, Inc., Philadelphia, Pa. Alloy. 2,128,847; Aug. 30.
- Proskouriakoff, Avenir P., Lansdowne, Pa. Recording apparatus for blood sedimentation tests. 2,104,525; Jan. 4.
- Prosperity Company Inc., The. (See Braun, P. N., and Davis, assignors.)
- Prosperity Company, The. (See Davis, Ernest, assignor.)
- Prosperity Company, The. (See Faber, John, Jr., assignor.)
- Prosperity Company Inc., The. (See Zimarik, Louis, assignor.)
- Prosperity Company Inc., The. (See Zimarik, Louis, assignor.)
- Pross, Bernhard, Bocholt, Germany. Method of and device for producing slubbing on drawing frames. 2,136,923; Nov. 14.
- Protex Products Company. (See Schwartzman, Isidor W., assignor.)
- Protex Weather-Strip Mfg. Co. (See Klecan, Charles E., assignor.)
- Protin, Edward J., Charleroi, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Metal threading apparatus. 2,116,639; May 10.
- Protze, Curt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Monitor. 2,107,425; Feb. 8.
- Protzen, Hans. (See Corsepius, R., and Protzen.)
- Proudfit, William S., Lincoln, Nebr. Photographic copying stand. 2,112,449; Mar. 29.
- Prout, Herbert L., Villa Park, Ill. Line squaring device. 2,104,377; Jan. 4.
- Providence Stock Company. (See Myrberg, Sven O., assignor.)
- Providence Stock Company. (See Myrberg, S. O., and Meyer, assignors.)
- Provinson, Robert D., Pittsburgh, Pa. Air brake system for automotive vehicles. 2,126,661; Aug. 9.
- Provost, Euzebe, Houston, Tex. Serving tray. 2,123,257; July 12.
- Prucha, Otto J., Denver, Colo. Universal easel table. 2,108,295; Feb. 15.
- Prudden, Theodore M., Hingham, Mass. Perforate sheet resistant to tearing and pack therefrom. 2,115,122; Apr. 26.
- Pruden, Harold M., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,138,613; Nov. 29.
- Prudhomme, Eugene A., Krenlin Biecre, France, assignor, by mesne assignments, to Carboxhyd Ltd., Geneva, Switzerland. Process of and apparatus for manufacturing saccharose from formaldehyde. 2,121,981; June 28.
- Pruss, Hugo E., Berkeley, assignor to Snow Removal Equipment Company, San Francisco, Calif. Plow. 2,139,625; Dec. 6.
- Prüss, Max, Essen, Germany. Clarification plant. Re 20,761; June 11.
- Prussing, Walter, New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube enameling machine. 2,108,443; Feb. 15.
- Pruitt, Carl F., East Cleveland, assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubrication. 2,119,556; June 7.
- Pruitt, Carl F., Cleveland Heights, assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricants. 2,121,824; June 28.
- Pruitt, Carl F., assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricants. 2,121,825; June 28.



- Pruett, Carl F., Cleveland, and A. K. Smith, Shaker Heights, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,137,782; Nov. 22.
- Pruett, Carl F., East Cleveland, and A. K. Smith, Shaker Heights, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant. 2,137,783; Nov. 22.
- Pruett, Carl F., Cleveland Heights, and A. K. Smith, Shaker Heights, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant and lubricating. 2,137,784; Nov. 22.
- Pruett, Daniel H., Cleveland, Ohio. Deflector means. 2,135,842; Nov. 8.
- Pruzan, Barney, New York, N. Y. Safety removable fastener slide. 2,111,004; Mar. 15.
- Pryale, Harry M., Pontiac, Mich. Protective device for athletic wear. 2,140,716; Dec. 20.
- Pryale, Harry M., S. C. Clark, and W. S. Vrooman, assignors to Baldwin Rubber Company, Pontiac, Mich. Apparatus for forming coverings and the like. 2,109,908; Mar. 1.
- Pryale, Harry M., S. C. Clark, and D. R. Cotterman, Pontiac, Mich. Saddle seat. 2,115,177; Apr. 26.
- Pryale, Harry M., S. C. Clark, and W. S. Vrooman, assignors to Baldwin Rubber Company, Pontiac, Mich. Forming coverings and the like. 2,132,185; Oct. 4.
- Pryor, Elmer E., Fullerton, Calif. Fishing tool. 2,128,430; Aug. 30.
- Pryor, James N., Baltimore, Md. Coin controlled mechanism. 2,108,943; Feb. 22.
- Prytherch, William E. (See Houghton, J. L., and Prytherch.)
- Przyborowski, Stanislaus, Tonawanda, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Making a radiator ribbon. 2,137,348; Nov. 22.
- Psihas, Alex. (See Estrats, E. D., Psihas, and Lesfakis.)
- Public, Dedicated to the free use of the. (See Shaw, T. M., and Alexander, assignors.)
- Public in the United States, Dedicated to the free use of the. (See Dearborn, Frederick E.)
- Public in the Territory of the United States of America, Dedicated to the Free Use of the. (See Plummer, Charles C., assignor.)
- Public in the Territory of the United States of America, Dedicated to the free use of the. (See Vivian, D. L., and Haller.)
- Public of the United States of America, Dedicated to the free use of the. (See Holman, Henry K.)
- Publisher Inc. (See Stein, Jacob, assignor.)
- Puc Vojtech. (See Schafer, Friedrich, assignor.)
- Puc, Vojtech, Prague-Vinohrady, Czechoslovakia, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slider for separable fasteners. 2,119,352; May 31.
- Puckett, John B., Robstown, Tex. Dental device. 2,125,809; Aug. 2.
- Puckle, Owen S., Highbury Grove, assignor to A. C. Cossor Limited, London, England. Condenser relaxation circuit. 2,114,938; Apr. 19.
- Pudelko, Hermann, assignor to Dürkoppwerke Aktiengesellschaft, Bielefeld, Germany. Bobbin-case controlling device. 2,138,939; Dec. 6.
- Pudelko, Riccard, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Motor driven switch. 2,112,044; Mar. 22.
- Pudelko, Richard, Zug, assignor to Landis & Gyr, A.-G., Switzerland. Electricity meter. 2,137,807; Nov. 22.
- Puderbaugh, David G., Altoona, Pa. Painter's guide. 2,126,501; Aug. 9.
- Pudlich, Carl W., San Diego, Calif. Croquette mold. 2,108,233; Feb. 15.
- Puening, Franz, Essen, Germany. Coke oven with internally heated heating walls. 2,135,529; Nov. 8.
- Puetzer, Bruno, Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Guanidino and biguanidino derivatives of cyclic ether compounds. 2,107,712; Feb. 8.
- Puffer, Samuel R., Saugus, Mass., assignor to General Electric Company. Seal for combustion engines. 2,112,045; Mar. 22.
- Puffer, Samuel R., Saugus, Mass., assignor to General Electric Company. Aircraft. 2,119,402; May 31.
- Pugatz, Samuel J., Hurleyville, N. Y. Automatic chlorinator. 2,136,776; Nov. 15.
- Pugh, Alexander L., Jr., assignor to International Resistance Company, Philadelphia, Pa. Inking apparatus and method of supplying ink to a dielectric body. 2,126,810; Aug. 16.
- Pugh, Charles H., Limited. (See Leitch, George A., assignor.)
- Puglise, John. (See Oliva, Domenic, assignor.)
- Pugsley, Edwin, assignor to Winchester Repeating Arms Company, New Haven, Conn. Try-gun outfit. 2,121,982; June 28.
- Pugsley, Edwin, New Haven, Conn., assignor to Winchester Repeating Arms Company. Firearm frame and making same. 2,137,808; Nov. 22.
- Pugsley, Edwin, et al., executors. (See Sedgley, Reginald F.)
- Pugsley, William H., Minneapolis, Minn. Door check. 2,108,511; Feb. 15.
- Pulejo, Carlo, and J. Staub, Lausanne, Switzerland. Burner for liquid fuel. 2,110,963; Mar. 15.
- Pulfrich, Hans. (See Wiegand, E., Meyer, and Pulfrich.)
- Pulgar, Mary, New York, N. Y. Skin treatment. 2,138,428; Nov. 29.
- Pullen, Ovid, Harmony, N. C. Cotton chopper. 2,120,867; June 14.
- Pullen, Rodney S., Akron, Ohio. Match packet. 2,139,036; Dec. 6.
- Pullen, Rodney S., Akron, Ohio. Packet boxing machine and method. 2,141,448; Dec. 27.
- Puller, Rudolf, Berlin-Siemensstadt, and H. Kann, Berlin-Charlottenburg, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for electric locomotives. 2,112,046; Mar. 22.
- Pulles, Cornelis A. J. (See Van Mierlo, S., Pulles, Smets, and Devaux.)
- Pulleyblank, Harper E. (See Hammond, C. F., Jr., and Pulleyblank.)
- Pulleyblank, Harper E., assignor to Gemmer Manufacturing Company, Detroit, Mich. Steering wheel switch. 2,119,752; June 7.
- Pullis, George A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,113,221; Apr. 5.
- Pullis, George A., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for compensating for differences in potential. 2,133,832; Oct. 18.
- Pullman Company, The. (See Crawford, D. A., McKinnon, and Apel, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Mussey, W. H., and Blomberg, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Mussey, W. H., Murphy, and Peterson, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Shaver, Milton E., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Shaver, Raymond M., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Stout, W. B., and Wright, assignors.)
- Pulp Products Company. (See Heymann, Roy D., assignor.)
- Puls, Alfred E., Cleveland, Ohio, assignor to Metropolis Bending Company, Metropolis, Ill. Folding chair. 2,107,764; Feb. 8.
- Pulse, Lysle J., assignor to Hawkeye Pearl Button Company, Muscatine, Iowa. Mechanism for feeding blanks. 2,130,291; Sept. 13.
- Pulver, Harold L., Providence, R. I. Separable brooch. 2,128,319; Aug. 30.
- Pulvis Aktiengesellschaft. (See Ågren, Ernst M., assignor.)
- Puma, John, Newark, N. J. Sound reproducing mechanism. 2,124,673; July 26.
- Pummill, Evert T., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Utilization of spent reagents. 2,114,354; Apr. 19.
- Pungs, Leo, Brunswick, Germany. Telephonic transmitter. Re. 20,691; Apr. 5.
- Punnett, Elton B. (See Foster, H. B., and Punnett.)
- Punnett, Elton B., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Catalytic synthesis of amines. 2,113,241; Apr. 5.
- Punnett, Elton B., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Purification of maleic anhydride. 2,134,531; Oct. 25.
- Punnett, Elton B., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Recovery of maleic anhydride. 2,140,140; Dec. 13.
- Punte, William F. (See O'Neill, J. H., and Punte.)
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Side seam for metal can bodies. 2,106,656; Jan. 25.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Easy opening sheet metal container. 2,120,186; June 7.
- Puppe, Heinz, Neunkirchen, Germany. Rolling mill. 2,121,929; June 28.
- Purcell, Thomas E., Mount Lebanon, and I. E. Church, Bethel Township, Allegheny County, Pa. Tube coating means. 2,112,212; Mar. 22.
- Purcker, William J., Buffalo, N. Y. Slicing machine. 2,132,699; Oct. 11.
- Purdue Research Foundation. (See Hass, H. B., and McBee, assignors.)
- Purdue Research Foundation. (See Hass, H. B., and Vanderbilt, assignors.)
- Purdue Research Foundation. (See Lippincott, Samuel B., assignor.)
- Purdue Research Foundation. (See Vanderbilt, Byron M., assignor.)
- Purdy, Chester A., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Control mechanism. 2,118,944; May 31.
- Purdy, Chester A., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Revolving chair. 2,139,462; Dec. 6.
- Purdy, Earl L. (See Cox, C. C., and Purdy.)
- Purdy, Frederick A., Scarsdale, N. Y. Closure operator. 2,127,376; Aug. 16.
- Purdy, Neil B., and H. A. Schneider, Milwaukee, Wis., said Purdy assignor to said Schneider. Lighter and fuel therefor. 2,107,546; Feb. 8.
- Purdy, William C., Tallulah, La. Fumigating device. 2,105,551; Jan. 18.
- Pure Carbon Company. (See Eynon, H. B., and Burr, assignors.)



- Pure Fruit Juices, Inc. (See Robison, Floyd W., assignor.)
- Pure Oil Company, The. (See Anderson, Harry J., assignor.)
- Pure Oil Company, The. (See Carr, Richard H., assignor.)
- Pure Oil Company, The. (See Maschwitz, Percy A., assignor.)
- Pure Oil Company, The. (See Osterstrom, Rudolph C., assignor.)
- Pure Oil Company, The. (See Osterstrom, R. C., and Wagner, assignors.)
- Pure Oil Company, The. (See Schutt, Hermann C., assignor.)
- Pure Oil Company, The. (See Sowers, Wesley H., assignor.)
- Pure Oil Company, The. (See Suthard, James G., assignor.)
- Pure Oil Company, The. (See Terrell, Charles F., Jr., assignor.)
- Pure Oil Company, The. (See Throckmorton, John W., assignor.)
- Pure Oil Company, The. (See Watson, Cornelius B., assignor.)
- Purifoy, Absolom D., Mobile, Ala. Vermin eliminating device. 2,121,406; June 21.
- Purington, Ellison S., assignor to J. H. Hammond, Jr., Gloucester, Mass. Torpedo. 2,121,446; June 21.
- Purinton, Bernard S., East Liverpool, Ohio. Method and apparatus for the molding of covered ceramic receptacles. 2,106,415; Jan. 25.
- Puritan Engineering Corp. (See Johnson, John A., assignor.)
- Puritan Manufacturing Company. (See Poole, Jesse V., assignor.)
- Puritan Manufacturing Company. (See Valentine, Percy W., assignor.)
- Puritan Mills, Inc. (See Wilhartz, L. J., and Brooke, assignors.)
- Puritz, Mario, Piccadilly, London, England, assignor to Societa Italiana Pirelli, Milan, Italy. Electric cable and repairing the same. 2,133,398; Oct. 18.
- Puritz, Mario, London, England, assignor to Societa Italiana Pirelli, Milan, Italy. Electric cable and repairing the same. 2,133,399; Oct. 18.
- Purma Cameras Limited. (See Mayo, Alfred C., assignor.)
- Purma Cameras Limited. (See Mayo, A. C., and Terrett, assignors.)
- Purpura, August C., Chicago, Ill. Toaster. 2,107,358; Feb. 8.
- Purpura, August C., Chicago, Ill. Toaster. 2,129,360; Sept. 6.
- Purtell, William A., Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Knurled socketed screw. 2,133,465; Oct. 18.
- Purtell, William A., Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Method and apparatus for making knurled socketed screws. 2,133,467; Oct. 18.
- Purtell, William A., West Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Method of and apparatus for making knurled socketed screws. 2,133,466; Oct. 18.
- Purtle, Albert D., Marietta, Ohio, and J. R. Broadwater, Toll Gate, W. Va. Oil and gas saving bailer. 2,130,026; Sept. 13.
- Purweet, Julius E., Maspeth, Long Island, N. Y. Spring assembly. 2,120,528; June 14.
- Puschin, Albert J. (See McGowan, W. I., and Puschin.)
- Putman, Claude A., and C. F. Robbins, assignors to Markem Machine Company, Keene, N. H. Type wheel. 2,106,306; Jan. 25.
- Putnam, Henry V., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,109,221; Feb. 22.
- Putnam, Palmer C., Harwich, Mass. Aero-electric generation system. 2,106,557; Jan. 25.
- Putnam, Charles P., Lockhaven, Pa., assignor to Beloit Iron Works, Beloit, Wis. Unwinder and winder mechanism for paper machinery. 2,141,315; Dec. 27.
- Putnam, James R. (See Dorr, W. C., and Putnam.)
- Putnam, Joseph F., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Helical feed mechanism. 2,112,865; Apr. 5.
- Putnam, Joseph W., Jr., Evanston, assignor to Pihlbrico Jointless Firebrick Company, Chicago, Ill. Boiler. 2,136,728; Nov. 15.
- Putnam, Mabel C., assignor to Clamp Nail Company, Chicago, Ill. Clamp nail or fastener. 2,134,765; Nov. 1.
- Putnam, Warren C., Los Angeles, Calif. Treadle switch. 2,134,800; Nov. 1.
- Putney, Philip F., Newport, N. Y. Caramel cutting machine. 2,104,623; Jan. 4.
- Putt, Harlie O., Elkhardt, Ind., assignor to The Adlake Company. Electric lantern. 2,118,656; May 24.
- Putt, Harlie O., Elkhardt, Ind., assignor to The Adlake Company. Electric lantern. 2,118,657; May 24.
- Putt, Roy R., Portage Lakes, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for coating articles. 2,135,601; Nov. 8.
- Putter, Erich. (See Langer, H., and Putter.)
- Puttermann, Benjamin, Brooklyn, N. Y., assignor to Yankee Metal Products Corp., Norwalk, Conn. Automobile lamp. 2,107,648; Feb. 8.
- Puttermann, Benjamin, Brooklyn, N. Y., assignor to Yankee Metal Products Corp., Norwalk, Conn. Mirror device. 2,121,099; June 21.
- Puttermann, Benjamin, Brooklyn, N. Y., and D. E. Reed, assignors to Yankee Metal Products Corp., Norwalk, Conn. Mirror device. 2,138,808; Nov. 29.
- Pützer, Alfred, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrode system. 2,134,577; Oct. 25.
- Pyatt, James C., assignor of one-half to J. L. Bossard, Dayton, Ohio. Tent. 2,113,118; Apr. 5.
- Pyatt, Valdis M., Great Falls, Mont. Ash and cigarette butt receiver. 2,113,745; Apr. 12.
- Pychlau, Herbert, Freiburg, Germany. Output dose meter. 2,104,378; Jan. 4.
- Pye, David J. (See Bender, H., and Pye.)
- Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Magnetogenerator. 2,135,843; Nov. 8.
- Pyle, Arthur K. (See Lofton, W. M., Jr., Jones, Pyle, and Hoffmann.)
- Pyle, Charles W., Milwaukee, Wis. Boat. 2,141,799; Dec. 27.
- Pyle, Marie Bruce, Dallas, Tex. Table. 2,106,436; Jan. 25.
- Pyle-National Company, The. (See McDowell, Thomas E., assignor.)
- Pyle-National Company, The. (See McDowell, T. E., and Howard, assignors.)
- Pyle-National Company, The. (See McDowell, T. E., and Wulle, assignors.)
- Pyle, Thomas M., Oklahoma City, Okla. Well reamer. 2,107,547; Feb. 8.
- Pyrodyne Corporation. (See Guth, Fred O., assignor.)
- Pyrodyne Corporation. (See Kelley, Shawl J., assignor.)
- Pym, Arthur F. (See Pym, Charles F.)
- Pym, Charles F., deceased, Beverly, by A. F. Pym, executor, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Operating on shoes. 2,104,137; Jan. 4.
- Pym, Charles F., deceased, Beverly, by A. F. Pym, executor, Swampscott, Mass., assignor to United States Shoe Machinery Corporation, Paterson, N. J. Method of and machine for use in manufacturing shoes. 2,140,546; Dec. 20.
- Pyman, Frank L., and H. H. L. Levene, assignors to Boot's Pure Drug Company Limited, Nottingham, England. Tetra n-alkyl long chain alkylene diamines and preparing them. 2,121,509; June 21.
- Pyman, Frank L., B. Garforth, and L. Anderson, assignors to Boots' Pure Drug Company Limited, Nottingham, England. Glucoside of 3,3'-diamino-4,4'-dihydroxy arsenobenzene-sodium formaldehyde sulphoxalate and a process of making it. 2,140,717; Dec. 20.
- Pyne, Albert H., Beckenham, Kent, England. Clothes washing installation. 2,133,903; Oct. 18.
- Pyrate Corporation of Nevada, The. (See Richard, C., and Ruth, assignors.)
- Pyrate Corporation of Nevada, The. (See Ruth, Harold M., assignor.)
- Pyrene Company Limited, The. (See Field, Walter S., assignor.)
- Pyrene Manufacturing Company. (See Breitmann, Leo S., assignor.)
- Pyrene Manufacturing Company. (See Crowder, William A., assignor.)
- Pyrene Manufacturing Company. (See Dodelin, Fred A., assignor.)
- Pyrene Manufacturing Company. (See Ferguson, George E., assignor.)
- Pyrene Manufacturing Company. (See Hunter, John N., assignor.)
- Pyrene Manufacturing Company. (See MacGregor, Peter G., assignor.)
- Pyrene-Minimax Corporation. (See Betzler, Martin, assignor.)
- Pyrene-Minimax Corporation. (See Timpson, Lewis G. M., assignor.)
- Pyridium Corporation. (See Renshaw, R. R., and Tisza, assignors.)
- Pyridium Corporation. (See Tisza, Edmund T., assignor.)
- Pyroxilin Products, Inc. (See Trolander, E. W., and Wilson, assignors.)
- Pyroxilin Products Incorporated. (See Wilson, W. C., and Fawkes, assignors.)
- Pyzel, Robert, assignor to Universal Oil Products Company, Chicago, Ill. Reactivation of solid phosphoric acid catalysts. 2,120,712; June 14.
- Pyzel, Robert, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,127,009; Aug. 16.
- Pyzel, Robert, assignor to Universal Oil Products Company, Chicago, Ill. Hydrogenation. 2,138,881; Dec. 6.
- Quackenbush, Cleveland H., Glendale, Calif., assignor to General Electric Company. Welding machine. 2,137,181; Nov. 15.
- Quad Pneumatic Lift Company. (See Bissell, David J., assignor.)
- Quadrex Corporation. (See Leathers, Ward, assignor.)
- Quaedvlieg, Matthias. (See Brodersen, K., and Quaedvlieg.)
- Quaedvlieg, Matthias. (See Brodersen, K., Quaedvlieg, Schneider, and Gensel.)
- Quaedvlieg, Matthias. (See Rieche, A., Brodersen, Quaedvlieg, and Maler-Bode.)



- Quagliotti, William R., Victoria, British Columbia, Canada. Cardboard carton. 2,124,955; July 26.
- Quaid, James I. (See Davenport, John J., assignor.)
- Quaid, Ralph J. (See Baker, L. S., Morgan, and Quaid.)
- Quaker City Iron Works. (See Jensen, James A., assignor.)
- Quaker Hosiery Company. (See Smetana, Otto F., assignor.)
- Quaker Oats Company. (See Brownlee, Harold J., assignor.)
- Qualls, Dewey L. (See Shannon, James C., assignor.)
- Quam, James P., assignor to Quam-Nichols Company, Chicago, Ill. Loudspeaker. 2,124,338; July 19.
- Quam, James P., assignor to Quam-Nichols Company, Chicago, Ill. Electrical coil. 2,132,833; Oct. 11.
- Quam-Nichols Company. (See Quam, James P., assignor.)
- Quam, Sidney N. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker.)
- Quanbeck, Henry T. (See Johnson, Endre O., assignor.)
- Quandt, Lloyd E., and C. Lanehart, Baltimore, Md. Liquid flow gauge. 2,111,298; Mar. 15.
- Quarg, Hermann, Berlin-Tegel, assignor to Mix & Genest Aktiengesellschaft, Berlin-Schöneberg, Germany. Telephone system. 2,137,626; Nov. 22.
- Quarles, C. R. (See Thomas, E. T., and Phillips, assignors.)
- Quarnstrom, Bert L., Grosse Pointe Farms, Mich. Tubing clip. 2,108,347; Feb. 15.
- Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. High pressure tube and making same. 2,104,884; Jan. 11.
- Quatremaisons, Alexis E. (See Rossignol, A. A. A., Quatremaisons, and Rossignol.)
- Quattlebaum, William M., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Artificial resins. 2,124,630; July 26.
- Quave, George M. (See Norburn, C. S., and Quave.)
- Quave, George M., West Asheville, N. C. Pipe organ. 2,116,040; May 3.
- Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Hand lift truck. 2,110,424; Mar. 8.
- Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Co., Stamford, Conn. Hand lift truck. 2,121,764; June 21.
- Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Co., Stamford, Conn. All-welded skid platform. 2,126,278; Aug. 9.
- Queen City Textile Corporation. (See Winkler, Max W., assignor.)
- Queen, Walter K., Needham Heights, Mass. Valve structure. 2,117,853; May 17.
- Quehl, Kurt, assignor to Chemische Fabrik Theod. Rotta, Zwickau, Germany. Production of molecular compounds. 2,116,640; May 10.
- Queneau, Bernard R., Millburn, N. J., assignor to United States Steel Corporation, New York, N. Y. Case hardening. 2,128,621; Aug. 30.
- Quentin, Alberto, Florence, Italy. Process and device for tempering glass. 2,137,061; Nov. 15.
- Query, Thurman, Columbus, Ind. Headlight attachment. 2,107,801; Feb. 8.
- Quesada, Rodolfo C., Marianao, Cuba. Engineer transit. 2,130,814; Sept. 20.
- Quessy, Randall. (See Smith, A. L., Parsons, and Quessy.)
- Quick, Cecil G. (See Mills, T. J., and Quick.)
- Quick, Cecil G., D. A. Ball, and W. A. Whitehead, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Mechanism for delivering articles in counted bundles. 2,109,050; Feb. 22.
- Quick, Cecil G., D. A. Ball, and W. A. Whitehead, London, England, assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Delivery mechanism for use in delivering the products of printing machines in counted batches. 2,111,728; Mar. 22.
- Quick, Cecil G., D. A. Ball, and W. A. Whitehead, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Delivery mechanism for use with printing machines. 2,121,327; June 21.
- Quick, Cecil G., D. A. Ball, and W. A. Whitehead, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Delivery mechanism for use with printing machines. 2,134,532; Oct. 25.
- Quick, Charles H., Worcester, and M. F. Beecher, Holden, assignors to Norton Company, Worcester, Mass. Making articles of ceramic bonded granular material. 2,140,650; Dec. 20.
- Quick, John B., assignor of one-half to E. S. Clanton, Fresno, Calif. Combustible gas detecting system. 2,122,070; June 28.
- Quick, Raymond B., Garden City, N. J., assignor of thirty-five and two-tenths per cent to J. H. Crosman, III, Haverford, Pa., two per cent to M. H. Vernon, New York, N. Y., and two and eight-tenths per cent to J. C. Kunkel, Harrisburg, Pa. Stopping rotation of propellers. 2,141,091; Dec. 20.
- Quidas, Frederick W., New York, N. Y. Advertising device. 2,108,828; Feb. 22.
- Quigan, Frank J., Bayside, N. Y. Making handbag frames. 2,119,500; May 31.
- Quigley Company. (See Knotte, John M., assignor.)
- Quimby, Oscar T. (See McAllister, W. H., Duncan, and Quimby.)
- Quinn, Ada, Ogden, Utah. Apron. 2,115,396; Apr. 26.
- Quinn, Ada, Ogden, Utah. Apron. 2,123,314; July 12.
- Quinn, Ada, Ogden, Utah. Apron. 2,136,983; Nov. 15.
- Quinn, Clara E., Mount Vernon, Ill., assignor to Broquinda, Inc., Wilmington, Del. Water ice refrigerator. 2,122,752; July 5.
- Quinn, Clara E., and J. R. Lassiter, Jr., New York, N. Y., assignors, by mesne assignments, to Broquinda, Inc., St. Petersburg, Fla. Refrigerating apparatus and method. 2,130,027; Sept. 13.
- Quinn, Edward, Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Shoemaking method. 2,107,501; Feb. 8.
- Quinn, Edward, Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Inseam trimming machine. 2,107,502; Feb. 8.
- Quinn, George W., Reedsburg, Wis. Ladder. 2,113,282; Apr. 5.
- Quinn, Lawrence, Oil City, Pa. Game. 2,118,359; May 24.
- Quinn, Leo F., Vina, Calif. Paring knife. 2,132,320; Oct. 4.
- Quist, Oscar. (See Christensen, N. V., and Quist.)
- Quinn, Nelson J., Toledo, assignor of one-half to H. B. Fay, Shaker Heights, Ohio. Abrasive projecting apparatus. 2,131,143; Sept. 27.
- Quinn, Ralph E., Moffett Field, Calif. Automatic airship valve regulator. 2,128,266; Aug. 30.
- Quintavalle, Umberto, assignor to Fabbrica Italiana Magneti Marelli Soc. An., Milan, Italy. Ignition magneto. 2,108,924; Feb. 22.
- Quintavalle, Umberto, assignor to Fabbrica Italiana Magneti Marelli Soc. An., Milan, Italy. Ignition magneto. 2,131,523; Sept. 27.
- Quirico, Patrizia, New York, N. Y. Hand machine for washing clothes. 2,120,921; June 14.
- Quirk, Justin P., St. Louis County, assignor to United Wood Heel Company, St. Louis, Mo. Shank stiffener. 2,135,844; Nov. 8.
- Quirke, Edward F., Brooklyn, N. Y. Materials for treatment for hydrocarbons. 2,137,727; Nov. 22.
- Quisling, Sverre, Madison, Wis. Electric fuse cut-out. 2,115,428; Apr. 26.
- Quisling, Sverre, Madison, Wis. Fuse indicator. 2,115,469; Apr. 26.
- Quisling, Sverre, Madison, Wis. Arch support and blank therefor. 2,116,124; May 3.
- Quisling, Sverre, Madison, Wis., assignor to Talon, Inc. Slide fastener. 2,111,729; Mar. 22.
- Quittner, Heinrich, assignor to The firm Löwit & Comp., Vienna, Austria. Collapsible tube container. 2,119,926; June 7.
- R-B-M Manufacturing Company. (See Catron, H., Clayton, and Dashner, assignors.)
- R-B-M Manufacturing Co. (See Catron, H., Dashner, and Morris, assignors.)
- R-B-M Manufacturing Company. (See Dashner, Ralph L., assignor.)
- R-B-M Manufacturing Company. (See Dotterer, Frank A., assignor.)
- R. C. Can Company. (See Rutkowski, Walter L., assignor.)
- R. G. N. Development Corporation. (See Reiman, Clara K. O. Studios, Inc. (See Cunningham, Harry G., assignor.)
- Raaber, Hans, Purkersdorf, near Vienna, Austria, assignor to Aktiengesellschaft C. P. Goerz Optische Anstalt Avtlova Spolecnost K. P. Goerz opticky ustav Bratislava, Czechoslovakia. Bomb sight. 2,113,199; Apr. 5.
- Raaber, Hans, Purkersdorf, near Vienna, assignor to Österr. Ung. Optische Anstalt C. P. Goerz Gesellschaft m. b. H., Vienna, Austria. Bomb sight. 2,138,307; Nov. 29.
- Rabald, Willy, Leipzig, Germany. Hair clipping machine. 2,125,748; Aug. 2.
- Rabald, Willy, Leipzig, Germany. Sound record for talking machines. 2,137,307; Nov. 22.
- Rabatel, Henri A., Paris, France. Cooling system. 2,114,238; Apr. 12.
- Rabe, Hans, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Substances producing fluorescence. 2,111,126; Mar. 15.
- Rabe, Karl, Stuttgart, Germany. Making splined shafts. 2,110,275; Mar. 8.
- Rabe, Karl, Stuttgart, Germany. Differential mechanism for motor vehicles and the like. 2,123,684; July 12.
- Rabe, Karl, Stuttgart, Germany. Springing of wheels. 2,130,431; Sept. 20.
- Rabe, Karl, Stuttgart, Germany. Wheel supporting means. 2,132,759; Oct. 11.
- Rabe, Karl, Stuttgart, Germany, assignor to A. Rosenberger, Paris, France. Drawing instrument. Re. 20,834; Aug. 23.
- Rabe, Karl, Stuttgart, Germany, assignor to A. Rosenberger, Paris, France. Drawing instrument. 2,112,113; Mar. 22.
- Rabe, Karl, and W. Boxan; said Boxan assignor to Dr. Ing. h. c. F. Porsche G. m. b. H., Stuttgart, Germany. Motor vehicle chassis. 2,133,633; Oct. 18.
- Rabenda, Edward J. (See Mills, A. W., and Rabenda.)
- Rabenda, Edward J. (See Mills, A. W., Rabenda, and Furman.)



- Rabens, Fred T., and G. P. Wild, St. Paul, Minn. Dispensing device. 2,111,730; Mar. 22.
- Rabensdorf, Alice M., Cleveland, Ohio, assignor of one-half to S. J. Sternberger, Indianapolis, Ind. Boneless foundation garment. 2,117,103; May 10.
- Rabazzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Combustion chamber for internal combustion engines. 2,113,629; Apr. 12.
- Rabazzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Radio shielded spark plug. 2,129,961; Sept. 13.
- Rabazzana, Hector, assignor to General Motors Corporation, Detroit, Mich. Spark plug. 2,129,962; Sept. 13.
- Rabazzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug. 2,135,624; Nov. 8.
- Rabazzana, Hector, and S. Kalmar, Flint, assignors to General Motors Corporation, Detroit, Mich. Double ignition combustion chamber. 2,111,601; Mar. 22.
- Rabner, Louis. (See Nichols, H. E., and Rabiner.)
- Rabinowitz, Sidney H. (See Kern, Lillian M., assignor.)
- Rabinowitz, William H. (See Perr, Martin, assignor.)
- Rabkin, Samuel, Cincinnati, Ohio. Smoker's pipe and cigar holder. 2,136,824; Nov. 15.
- Rabkin, William, New York, N. Y. Coin controlled dispensing apparatus. 2,109,868; Mar. 1.
- Rabkin, William, New York, N. Y. Strength testing machine. 2,140,331; Dec. 13.
- Rabkin, William, New York, N. Y. Strength testing machine. 2,140,332; Dec. 13.
- Rabl, Hans E. A., assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Coffee mill. 2,138,204; Nov. 29.
- Rable, Hans E. A., assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Food chopper. 2,138,203; Nov. 29.
- Racen, Ferdinand, Webster Groves, assignor to W. G. Shelton Company, St. Louis, Mo. Exothermic device. 2,110,677; Mar. 8.
- Rach, John C., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Cover interlocking device for safety switches. 2,134,986; Nov. 1.
- Rack, Alois J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplitude modulation system. 2,129,870; Sept. 13.
- Racklyeff, John W., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Clutch for ironing machine mechanism. 2,134,202; Oct. 25.
- Ractliffe, Edwin M., Nottingham, England. Magnetic lock and key. 2,121,301; June 21.
- Racusin, Eli. (See Habe, Frank J., assignor.)
- Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,123,590; July 12.
- Radeleff, Howard C., Delano, Calif. Safety ball and socket trailer coupling. 2,130,705; Sept. 20.
- Rader, Harold K., and J. E. Gray, assignors to Mueller Brass Co., Port Huron, Mich. Sprinkler head. 2,128,552; Aug. 30.
- Rader, Myrtle, administratrix. (See Rader, Walter.)
- Rader, Thomas D., Glendale, assignor of one-half to R. Macintosh, Los Angeles, Calif. Quick relining brake. 2,107,503; Feb. 8.
- Rader, Walter, Milwaukee, Wis., by M. Rader, administratrix. Garment hanger. 2,137,824; Nov. 22.
- Radetzky, Irving, New York, N. Y. Container for toilet materials. 2,141,616; Dec. 27.
- Radford, George S., assignor to Hat Corporation of America, Norwalk, Conn. Product and process for the manufacture thereof. 2,110,371; Mar. 8.
- Radford, George S., assignor to Hat Corporation of America, Norwalk, Conn. Sweat band for hats. 2,116,082; May 3.
- Radice, Primo, Milan, Italy, and H. Schwerdt, Berlin-Falkensee, assignors to the firm Adrema Maschinenbauges m. b. H., Berlin, Germany. Sheet conveying device for printing machines. 2,113,902; Apr. 12.
- Radin, Max, and A. Appelbaum, Brooklyn, N. Y. Counter display change tray. 2,115,538; Apr. 26.
- Radioaktiengesellschaft D. S. Loewe. (See Schlesinger, Kurt, assignor.)
- Radioaktiengesellschaft D. S. Loewe. (See von Ardenne, Manfred, assignor.)
- Radio Condenser Company. (See Noller, Friedrich C., assignor.)
- Radio Corporation of America. (See Albright, J. B., and Carlson, assignors.)
- Radio Corporation of America. (See Anderson, Leslie J., assignor.)
- Radio Corporation of America. (See Artzt, Maurice, assignor.)
- Radio Corporation of America. (See Bakker, A., and Van Duuren, assignors.)
- Radio Corporation of America. (See Ballantine, Stuart, assignor.)
- Radio Corporation of America. (See Banks, George B., assignor.)
- Radio Corporation of America. (See Barton, Frederick C., assignor.)
- Radio Corporation of America. (See Barton, Loy E., assignor.)
- Radio Corporation of America. (See Butcher, John C., assignor.)
- Radio Corporation of America. (See Baylis, Adelaide B., assignor.)
- Radio Corporation of America. (See Beanland, Charles P., assignor.)
- Radio Corporation of America. (See Bedford, Alda V., assignor.)
- Radio Corporation of America. (See Bedford, A. V., and Kell, assignors.)
- Radio Corporation of America. (See Beers, George L., assignor.)
- Radio Corporation of America. (See Belar, Herbert, assignor.)
- Radio Corporation of America. (See Beverage, Harold H., assignor.)
- Radio Corporation of America. (See Beverage, H. H., Carter, and Wickizer, assignors.)
- Radio Corporation of America. (See Bierwirth, Rudolph A., assignor.)
- Radio Corporation of America. (See Blancha, Felix C., assignor.)
- Radio Corporation of America. (See Blodgett, Edward D., assignor.)
- Radio Corporation of America. (See Bloomenthal, Sidney, assignor.)
- Radio Corporation of America. (See Bokovoy, Samuel A., assignor.)
- Radio Corporation of America. (See Bokovoy, S. A., and Gerber, assignors.)
- Radio Corporation of America. (See Braden, Rene A., assignor.)
- Radio Corporation of America. (See Brailsford, Joseph D., assignor.)
- Radio Corporation of America. (See Brett, G. F., and Wright, assignors.)
- Radio Corporation of America. (See Brodton, Lynn, assignor.)
- Radio Corporation of America. (See Brown, Charles H., assignor.)
- Radio Corporation of America. (See Brown, C. H., and Roberts, assignors.)
- Radio Corporation of America. (See Brown, G. H., and Luck, assignors.)
- Radio Corporation of America. (See Burt, Alexander D., assignor.)
- Radio Corporation of America. (See Campbell, Richard L., assignor.)
- Radio Corporation of America. (See Carlson, Wendell L., assignor.)
- Radio Corporation of America. (See Carson, B. R., and Zimmerman, assignors.)
- Radio Corporation of America. (See Carter, Philip S., assignor.)
- Radio Corporation of America. (See Charrier, George M., assignor.)
- Radio Corporation of America. (See Chittick, Kenneth A., assignor.)
- Radio Corporation of America. (See Clarke, Herbert A., assignor.)
- Radio Corporation of America. (See Clatworthy, Buell E., assignor.)
- Radio Corporation of America. (See Clay, Murray G., assignor.)
- Radio Corporation of America. (See Clough, N. H., and Green, assignors.)
- Radio Corporation of America. (See Cobb, Howard L., assignor.)
- Radio Corporation of America. (See Collings, Rupert H. P., assignor.)
- Radio Corporation of America. (See Collins, Milford E., assignor.)
- Radio Corporation of America. (See Conklin, James W., assignor.)
- Radio Corporation of America. (See Conklin, J. W., and Hansell, assignors.)
- Radio Corporation of America. (See Cook, Ellsworth D., assignor.)
- Radio Corporation of America. (See Craymer, Henry J., assignor.)
- Radio Corporation of America. (See Crosby, Murray G., assignor.)
- Radio Corporation of America. (See Davis, Lewis H., assignor.)
- Radio Corporation of America. (See Davis, N. E., and Ainsley, assignors.)
- Radio Corporation of America. (See de Boer, J. H., and van Geel.)
- Radio Corporation of America. (See Dimmick, Glenn L., assignor.)
- Radio Corporation of America. (See Ditcham, William T., assignor.)
- Radio Corporation of America. (See Dolbear, Benjamin L., assignor.)
- Radio Corporation of America. (See Doolittle, Franklin M., assignor.)
- Radio Corporation of America. (See Douden, William L., assignor.)
- Radio Corporation of America. (See Dow, Orville E., assignor.)
- Radio Corporation of America. (See Dowsett, H. M., and Cadzow, assignors.)
- Radio Corporation of America. (See Drake, Frederick H., assignor.)
- Radio Corporation of America. (See Dreyer, John F., Jr., assignor.)
- Radio Corporation of America. (See Duttern, William S., assignor.)



- Radio Corporation of America. (See Dyson, Horace R., assignor.)
- Radio Corporation of America. (See Eddison, Clifford, assignor.)
- Radio Corporation of America. (See Eddison, C., and Widell, assignors.)
- Radio Corporation of America. (See Emmert, Rodger J., assignor.)
- Radio Corporation of America. (See Erichsen, Ruth J., assignor.)
- Radio Corporation of America. (See Evans, John, assignor.)
- Radio Corporation of America. (See Falloon, Shirley W. H. W., assignor.)
- Radio Corporation of America. (See Farnham, Paul O., assignor.)
- Radio Corporation of America. (See Flaherty, Mark, assignor.)
- Radio Corporation of America. (See Foster, Dudley E., assignor.)
- Radio Corporation of America. (See Foster, D. E., and Mountjoy, assignors.)
- Radio Corporation of America. (See Fowler, Lester T., assignor.)
- Radio Corporation of America. (See Franklin, Charles S., assignor.)
- Radio Corporation of America. (See Franks, Christopher J., assignor.)
- Radio Corporation of America. (See Frantz, S. G., and McCutchen, assignors.)
- Radio Corporation of America. (See George, Douglas F., assignor.)
- Radio Corporation of America. (See George, Roscoe H., assignor.)
- Radio Corporation of America. (See George, R. H., and Heim, assignors.)
- Radio Corporation of America. (See George, R. W., and Trevor, assignors.)
- Radio Corporation of America. (See Goldsborough, Thaddeus R., assignor.)
- Radio Corporation of America. (See Goldsmith, Alfred N., assignor.)
- Radio Corporation of America. (See Goldstine, Hallan E., assignor.)
- Radio Corporation of America. (See Goodrich, Robert R., 2d, assignor.)
- Radio Corporation of America. (See Green, Ernest, assignor.)
- Radio Corporation of America. (See Grundmann, Gustave L., assignor.)
- Radio Corporation of America. (See Guedon, Emile C., assignor.)
- Radio Corporation of America. (See Haines, Donald G., assignor.)
- Radio Corporation of America. (See Haines, D. G., and Bucklin, assignors.)
- Radio Corporation of America. (See Haller, Cecil E., assignor.)
- Radio Corporation of America. (See Hansell, Clarence W., assignor.)
- Radio Corporation of America. (See Hansel, C. W., and Lindenblad, assignors.)
- Radio Corporation of America. (See Harris, William A., assignor.)
- Radio Corporation of America. (See Hathaway, Jarrett L., assignor.)
- Radio Corporation of America. (See Hawk, Henry W. N., assignor.)
- Radio Corporation of America. (See Heacock, Ralph H., assignor.)
- Radio Corporation of America. (See Henriquez, V. C., and Tellegen, assignors.)
- Radio Corporation of America. (See Henry, Thomas J., assignor.)
- Radio Corporation of America. (See Herbst, Philip J., assignor.)
- Radio Corporation of America. (See Herbst, P. J., Heacock, and Bindloss, assignors.)
- Radio Corporation of America. (See Herold, Edward W., assignor.)
- Radio Corporation of America. (See Hirmann, Julius, assignor.)
- Radio Corporation of America. (See Hoehn, John J., assignor.)
- Radio Corporation of America. (See Hollingsworth, R. Lee, assignor.)
- Radio Corporation of America. (See Holmes, Ralph S., assignor.)
- Radio Corporation of America. (See Holst, Poul F. G., assignor.)
- Radio Corporation of America. (See Holst, P. F. G., and Kirkwood, assignors.)
- Radio Corporation of America. (See Hopkins, Lloyd C., Jr., assignor.)
- Radio Corporation of America. (See Hunt, Seymour, assignor.)
- Radio Corporation of America. (See Hunter, James H., assignor.)
- Radio Corporation of America. (See Hutchens, Raymond D., assignor.)
- Radio Corporation of America. (See Iams, Harley A., assignor.)
- Radio Corporation of America. (See Jarvis, Kenneth W., assignor.)
- Radio Corporation of America. (See Jones, John T., assignor.)
- Radio Corporation of America. (See Junken, Lawrence H., assignor.)
- Radio Corporation of America. (See Karns, Milvin E., assignor.)
- Radio Corporation of America. (See Karolus, August, assignor.)
- Radio Corporation of America. (See Keall, Oswald E., assignor.)
- Radio Corporation of America. (See Kellogg, Edward M., assignor.)
- Radio Corporation of America. (See Kendall, James M., assignor.)
- Radio Corporation of America. (See Kimball, C. N., and Wilby, assignors.)
- Radio Corporation of America. (See Kimmich, William, assignor.)
- Radio Corporation of America. (See Klinedinst, M. S., Gunby, and Belar, assignors.)
- Radio Corporation of America. (See Knight, Robert W., assignor.)
- Radio Corporation of America. (See Koch, Earl L., assignor.)
- Radio Corporation of America. (See Koch, Winfield R., assignor.)
- Radio Corporation of America. (See Kroger, Fred H., assignor.)
- Radio Corporation of America. (See Ladner, Alan W., assignor.)
- Radio Corporation of America. (See Landon, Vernon D., assignor.)
- Radio Corporation of America. (See Landon, V. D., and Reid, assignors.)
- Radio Corporation of America. (See Latimer, C. W., Finch, and Beverage, assignors.)
- Radio Corporation of America. (See Lederer, Ernst A., assignor.)
- Radio Corporation of America. (See Lester, Paul S., assignor.)
- Radio Corporation of America. (See Leverenz, Humboldt W., assignor.)
- Radio Corporation of America. (See Lindenblad, Nils E., assignor.)
- Radio Corporation of America. (See Linder, Ernest G., assignor.)
- Radio Corporation of America. (See Linsell, Alfred A., assignor.)
- Radio Corporation of America. (See Loomis, F. J., and Reynolds, assignors.)
- Radio Corporation of America. (See Loughlin, W. D., and Franks, assignors.)
- Radio Corporation of America. (See Lovelady, Maurice J., assignor.)
- Radio Corporation of America. (See Lowell, Percival D., assignor.)
- Radio Corporation of America. (See Luck, David G. C., assignor.)
- Radio Corporation of America. (See Luck, D. G. C., and Norton, assignors.)
- Radio Corporation of America. (See Maginnis, William P., assignor.)
- Radio Corporation of America. (See Maloff, Ioury G., assignor.)
- Radio Corporation of America. (See Malter, Louis, assignor.)
- Radio Corporation of America. (See Malter, L., Rajchman, and Goodrich, assignors.)
- Radio Corporation of America. (See Mandusky, Edwin, assignor.)
- Radio Corporation of America. (See Massa, Ernest A., Jr., assignor.)
- Radio Corporation of America. (See Massa, E. A., Jr., and Malter, assignors.)
- Radio Corporation of America. (See Massa, Frank, assignor.)
- Radio Corporation of America. (See Mathieu, Gaston A., assignor.)
- Radio Corporation of America. (See Mavrogenis, Aristote, assignor.)
- Radio Corporation of America. (See Meier, Wilber L., assignor.)
- Radio Corporation of America. (See Miessner, Benjamin F., assignor.)
- Radio Corporation of America. (See Minorsky, Nicolai, assignor.)
- Radio Corporation of America. (See Mitchell, Loris E., assignor.)
- Radio Corporation of America. (See Morehouse, Terry B., assignor.)
- Radio Corporation of America. (See Morris, R. M., and Sweeney, assignors.)
- Radio Corporation of America. (See Moullin, Eric B., assignor.)
- Radio Corporation of America. (See Mountjoy, Garrard, assignor.)
- Radio Corporation of America. (See Mountjoy, G., and Foster, assignors.)
- Radio Corporation of America. (See Murphy, Francis M. G., assignor.)
- Radio Corporation of America. (See Nelson, Herbert, assignor.)
- Radio Corporation of America. (See Nergaard, Leon S., assignor.)



Radio Corporation of America. (See Newman, William E., assignor.)  
 Radio Corporation of America. (See Nicholson, Madison G., Jr., assignor.)  
 Radio Corporation of America. (See Olson, Harry F., assignor.)  
 Radio Corporation of America. (See Olson, H. F., and Kreuzer, assignors.)  
 Radio Corporation of America. (See Olson, H. F., and Massa, assignors.)  
 Radio Corporation of America. (See Orth, Richard T., assignor.)  
 Radio Corporation of America. (See Owsley, Oille M., assignor.)  
 Radio Corporation of America. (See Parkin, Thomas D., assignor.)  
 Radio Corporation of America. (See Perkins, Theodore B., assignor.)  
 Radio Corporation of America. (See Peterson, Harold O., assignor.)  
 Radio Corporation of America. (See Pfister, Arthur, assignor.)  
 Radio Corporation of America. (See Phinney, Edward D., assignor.)  
 Radio Corporation of America. (See Piore, E. R., and Malter, assignors.)  
 Radio Corporation of America. (See Pitsch, Helmut, assignor.)  
 Radio Corporation of America. (See Plaistowe, Donald L., assignor.)  
 Radio Corporation of America. (See Poch, Waldemar J., assignor.)  
 Radio Corporation of America. (See Poch, W. J., Martinielli, and Turner, assignors.)  
 Radio Corporation of America. (See Pool, John A., assignor.)  
 Radio Corporation of America. (See Posthumus, Klaas, assignor.)  
 Radio Corporation of America. (See Privett, Percy E., assignor.)  
 Radio Corporation of America. (See Ramberg, Edward G., assignor.)  
 Radio Corporation of America. (See Reid, John D., assignor.)  
 Radio Corporation of America. (See Reinartz, John L., assignor.)  
 Radio Corporation of America. (See Ringel, Abraham S., assignor.)  
 Radio Corporation of America. (See Roberts, Walter V., assignor.)  
 Radio Corporation of America. (See Roberts, Walter van B., assignor.)  
 Radio Corporation of America. (See Robins, Ben W., assignor.)  
 Radio Corporation of America. (See Roys, Henry E., assignor.)  
 Radio Corporation of America. (See Runge, Frank E., assignor.)  
 Radio Corporation of America. (See Rust, Noël M., assignor.)  
 Radio Corporation of America. (See Rust, N. M., and Brailsford, assignors.)  
 Radio Corporation of America. (See Rust, N. M., and O'Neill, assignors.)  
 Radio Corporation of America. (See Sachtleben, Lawrence T., assignor.)  
 Radio Corporation of America. (See Schade, Otto H., assignor.)  
 Radio Corporation of America. (See Schantz, Joseph D., assignor.)  
 Radio Corporation of America. (See Scheldorf, Marvel W., assignor.)  
 Radio Corporation of America. (See Searing, H. R., and Shipstedt, assignors.)  
 Radio Corporation of America. (See Seeley, Stuart W., assignor.)  
 Radio Corporation of America. (See Seeley, S. W., and Scofield, assignors.)  
 Radio Corporation of America. (See Shardlow, Lawrence R., assignor.)  
 Radio Corporation of America. (See Shrader, Terry M., assignor.)  
 Radio Corporation of America. (See Shepard, Francis H., Jr., assignor.)  
 Radio Corporation of America. (See Sinnett, C. M., and Guedon, assignors.)  
 Radio Corporation of America. (See Smalts, Franklin W., assignor.)  
 Radio Corporation of America. (See Smith, Bowell R., assignor.)  
 Radio Corporation of America. (See Smith, John P., assignor.)  
 Radio Corporation of America. (See Smith, Newell R., assignor.)  
 Radio Corporation of America. (See Smith, Rogers M., assignor.)  
 Radio Corporation of America. (See Smith, S. B., and Wright, assignors.)  
 Radio Corporation of America. (See Sternberg, Theodore A., assignor.)  
 Radio Corporation of America. (See Stevens, Clifford E., assignor.)  
 Radio Corporation of America. (See Stocker, Arthur C., assignor.)

Radio Corporation of America. (See Stose, Harold F., assignor.)  
 Radio Corporation of America. (See Suomala, John B., assignor.)  
 Radio Corporation of America. (See Tellegen, Bernardus D. H., assignor.)  
 Radio Corporation of America. (See Thomas, Adolph A., assignor.)  
 Radio Corporation of America. (See Thompson, Browder J., assignor.)  
 Radio Corporation of America. (See Thompson, Harry C., assignor.)  
 Radio Corporation of America. (See Tiedje, John Q., assignor.)  
 Radio Corporation of America. (See Tihanyi, Kalman, assignor.)  
 Radio Corporation of America. (See Timmer, Anton L., assignor.)  
 Radio Corporation of America. (See Tolson, William A., assignor.)  
 Radio Corporation of America. (See Trevor, Bertram, assignor.)  
 Radio Corporation of America. (See Trevor, B., and George, assignors.)  
 Radio Corporation of America. (See Tunick, Harry, assignor.)  
 Radio Corporation of America. (See Turner, Alfred H., assignor.)  
 Radio Corporation of America. (See Umbreit, Stanton, assignor.)  
 Radio Corporation of America. (See Unk, Jacob M., assignor.)  
 Radio Corporation of America. (See Usselman, George L., assignor.)  
 Radio Corporation of America. (See Vance, Arthur W., assignor.)  
 Radio Corporation of America. (See van der Pol, B., and Posthumus.)  
 Radio Corporation of America. (See van der Ven, Adrianus J. H., assignor.)  
 Radio Corporation of America. (See van Geel, William C., assignor.)  
 Radio Corporation of America. (See van Loon, Carel J., assignor.)  
 Radio Corporation of America. (See van Slooten, Jacob, assignor.)  
 Radio Corporation of America. (See Volk, Joseph A., assignor.)  
 Radio Corporation of America. (See von Ardenne, Manfred, assignor.)  
 Radio Corporation of America. (See Vose, Charles H., assignor.)  
 Radio Corporation of America. (See Wagner, Herbert M., assignor.)  
 Radio Corporation of America. (See Warnke, Herbert R., assignor.)  
 Radio Corporation of America. (See Wassell, Harold J. H., assignor.)  
 Radio Corporation of America. (See Watson, Samuel H., Jr., assignor.)  
 Radio Corporation of America. (See Weathers, Paul, assignor.)  
 Radio Corporation of America. (See Weinberger, Julius, assignor.)  
 Radio Corporation of America. (See Wendt, Karl R., assignor.)  
 Radio Corporation of America. (See Whistlecroft, Arthur W., assignor.)  
 Radio Corporation of America. (See Wilson, James T., assignor.)  
 Radio Corporation of America. (See Wolff, Irving, assignor.)  
 Radio Corporation of America. (See Wright, George M., assignor.)  
 Radio Corporation of America. (See Wright, G. M., and Rust, assignors.)  
 Radio Corporation of America. (See Yolles, Jacob, assignor.)  
 Radio Corporation of America. (See Young, Charles J., assignor.)  
 Radio Corporation of America. (See Young, Lloyd L., assignor.)  
 Radio Corporation of America. (See Young, L. L., and Finch, assignors.)  
 Radio Corporation of America. (See Zimmerman, Arthur G., assignor.)  
 Radio Corporation of America. (See Zottu, P. D., Nergaard, and Haef, assignors.)  
 Radio Corporation of America. (See Zworykin, Vladimir K., assignor.)  
 Radio Inventions, Inc. (See Hogan, John V. L., assignor.)  
 Radio Inventions, Inc. (See Rosser, Hugh C., assignor.)  
 Radio Patents Corporation. (See Bier, Walter, assignor.)  
 Radio Patents Corporation. (See Herrmann, Werner, assignor.)  
 Radio Patents Corporation. (See Laub, J. J., and Kirschstein, assignors.)  
 Radio Patents Corporation. (See Lora, Luis A., assignor.)  
 Radio Patents Corporation. (See Plehanski, Joget, assignor.)  
 Radio Patents Corporation. (See Pressler, H., and Richter, assignors.)  
 Radio Patents Corporation. (See von Ardenne, Manfred, assignor.)



- Radio Time Table Co. Inc. (See Davis, Howard A., assignor.)
- Radley, Jack A. (See Hill, F., and Radley.)
- Radtke, Albert A., Chicago, Ill., assignor, by mesne assignments, to Radtke Patents Corporation, New York, N. Y. Optically reproducing sound. 2,114,939; Apr. 19.
- Radtke, Bruno, assignor to Exhibit Supply Company, Chicago, Ill. Telltale device. 2,127,753; Aug. 23.
- Radtke, Bruno, and C. R. Kirk, assignors to Exhibit Supply Co., Chicago, Ill. Coin controlled device. 2,125,689; Aug. 2.
- Radtke, Edwin J. (See Gebhardt, W. A., and Radtke.)
- Radtke Patents Corporation. (See Radtke, Albert A., assignor.)
- Raduner & Co. A.-G. (See Bener, Christian, assignor.)
- Raduns, Solomon, Brooklyn, N. Y. Metallic bed. 2,106,657; Jan. 25.
- Raduns, Solomon, Brooklyn, N. Y. Bedspring construction. 2,131,071; Sept. 27.
- Rae, John, Ellwood City, Pa., assignor to National Tube Company. Internal diameter micrometer. 2,135,912; Nov. 8.
- Raech, Max, Dessau-Haideburg, in Anhalt, and W. Keller, Dessau, in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Green ortho-hydroxyazo dyes. 2,140,763; Dec. 20.
- Raeth, Curt, Radebeul, near Dresden, and R. Gebauer, Dresden, assignors to Chemische Fabrik von Heyden, A. G., Radebeul, Germany. Pyridine derivatives of barbituric acids. 2,134,672; Oct. 25.
- Rafetto, Herbert C., Wayne, Pa. Treating raw clay materials. 2,128,848; Aug. 30.
- Raffles, Frank. (See Howell, Hugh A., assignor.)
- Raffold Process Corporation. (See Rafton, Harold R., assignor.)
- Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Beams and the like for building construction. 2,122,698; July 5.
- Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Stud and rafter. 2,129,624; Sept. 6.
- Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Stud and rafter. 2,129,625; Sept. 6.
- Rafter Machine Company. (See Rafter, Albert, assignor.)
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Pigment manufacture. 2,105,503; Jan. 18.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,115,747; May 3.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,117,256; May 10.
- Rafuse, Irad S. (See Keller, A. C., and Rafuse.)
- Ragan Knitting Company et al. (See Coleman, Robert H., assignor.)
- Ragan, Thomas M., and C. E. Burt, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Hydraulically controlled cement retainer. 2,121,050; June 21.
- Ragan, Thomas M., and C. E. Burt, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Cement retainer. 2,121,051; June 21.
- Ragatz, Edward G. (See Aldridge, B. G., and Ragatz.)
- Ragatz, Edward G., assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for stabilizing hydrocarbons. 2,109,201; Feb. 22.
- Ragatz, Edward G., assignor to Union Oil Company of California, Los Angeles, Calif. Fractionating column. 2,116,933; May 10.
- Ragatz, Edward G., assignor to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for refrigeration. 2,119,258; May 31.
- Ragland, Douglas, Houston, Tex., assignor to Standard Oil Development Company. Method and apparatus for deflecting a bore hole. 2,114,476; Apr. 19.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Structural assembly. Re. 20,689; Apr. 5.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sleeping car construction. 2,126,690; Aug. 9.
- Ragsdale, Earl J. W., Norristown, and C. B. Conwell, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Mast. 2,122,380; June 28.
- Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Box section beam. 2,125,690; Aug. 2.
- Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal beam. 2,125,691; Aug. 2.
- Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Beam structure. 2,125,692; Aug. 2.
- Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car body. 2,129,235; Sept. 6.
- Ragsdale, John B., Whittier, assignor to Globe Oil Tools Company, Los Nietos, Calif. Roller cutter mounting. 2,109,909; Mar. 1.
- Ragsdale, John B., Whittier, and R. G. Goodwin, Fullerton, assignors to Globe Oil Tools Company, Los Nietos, Calif. Method useful in the manufacture of tools and the like. 2,124,236; July 19.
- Rahn, William J., Chicago, Ill. Cycle calendar. 2,134,928; Nov. 1.
- Rahr, Chester E., assignor to Certain-Teed Products Corporation, New York, N. Y. Covering material. 2,137,308; Nov. 22.
- Rahr, William, Two Rivers, assignor to Carlier & Rahr, Inc., Manitowoc, Wis. Corn popper. 2,125,749; Aug. 2.
- Raiche, Paul A., Providence, R. I., assignor to Davol Rubber Co. Apparatus for the manufacture of rubber tubing. 2,106,018; Jan. 18.
- Raigorodsky, Paul M., assignor to Petroleum Engineering Inc., Tulsa, Okla. Recovering hydrocarbons. 2,138,218; Nov. 29.
- Railley Corporation. (See Hildebrand, Otto G., assignor.)
- Railroad Accessories Corporation. (See Deems, Edward M., assignor.)
- Railway and Industrial Engineering Company. (See Kirk, Ralph L., assignor.)
- Railway and Industrial Engineering Company. (See Rudd, Harold H., assignor.)
- Railway Maintenance Corporation. (See McWilliams, James B., assignor.)
- Railway Service & Supply Corporation. (See Pearce, Edwin S., assignor.)
- Rainbolt, Katherine D., Bloomington, Ind. Roofing calculator. 2,112,114; Mar. 22.
- Rainbolt, Katherine D., Bloomington, Ind. Humidifier for dwellings. 2,138,709; Nov. 29.
- Rainer, Osborne S., Montgomery, Ala. Automatic liquid feed for storage batteries. 2,104,672; Jan. 4.
- Raines, Claude H., Portland, and J. C. Raines, Lacombe, Oreg. Compass saw. 2,128,471; Aug. 30.
- Raines, James C. (See Raines, Claude H. and J. C.)
- Rainford Potteries Limited. (See Grundy, Francis W., assignor.)
- Rainier Pulp & Paper Company. (See Parrett, A. N., and Holloway, assignors.)
- Rainville, Maurice, Manville, R. I. Hinge. 2,114,402; Apr. 19.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Apparatus for treating material including solids and vaporizable material. 2,104,526; Jan. 4.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,107,127; Feb. 1.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,110,309; Mar. 8.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Apparatus for treating material. 2,119,601; June 7.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,122,491; July 5.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,122,492; July 5.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,124,122; July 19.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,125,737; Aug. 2.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,128,431; Aug. 30.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,128,472; Aug. 30.
- Raisch, William, Forest Hills, assignor to Municipal Sanitary Service Corporation, New York, N. Y. Filtering sewage and the like. 2,130,249; Sept. 13.
- Raisch, William, Forest Hills, assignor to Municipal Sanitary Service Corporation, New York, N. Y. Making screen plates. 2,134,146; Oct. 25.
- Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,138,120; Nov. 29.
- Raith, David L., London, England. Chain. 2,132,803; Oct. 11.
- Raiziss, George W., and L. W. Clemence, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. B-methyl butyl cresols. 2,106,760; Feb. 1.
- Raiziss, George W., and L. W. Clemence, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. Bismuth alkyl phthalates. 2,110,472; Mar. 8.
- Raiziss, George W., and H. Brahni, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. Powder insufflator. 2,131,817; Oct. 4.
- Raizner, Nathan, New York, N. Y. Advertising device. 2,123,801; July 12.
- Rajchman, Jan A. (See Malter, L., Rajchman, and Goodrich.)
- Rajki, Stephen, Cleveland, Ohio. Necktie. 2,118,416; May 24.
- Rakos, Alexander J., Chicago, Ill. Alarm system. 2,106,658; Jan. 25.
- Rakov, William, Syracuse, N. Y. Gauge attachment for sewing machines. 2,130,446; Sept. 20.



- Raleigh, John, Peshtigo, Wis. Apparatus for extinguishing forest fires. 2,119,962; June 7.
- Ralph, Sydney J., Point Pleasant, Wandsworth, London, assignor to The Aluminum Plant and Vessell Company Limited, Wandsworth, England. Manufacture of electrodes. 2,124,261; July 19.
- Ralph, Walter J. Jr., Oakland, Calif. Dessert freezer. 2,125,693; Aug. 2.
- Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Reacting nitriles with phosphorus pentasulphide. 2,116,472; May 3.
- Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Extreme pressure lubricant. 2,125,851; Aug. 2.
- Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Sulphur monochloride-nitrile reaction products and process of preparing them. 2,125,853; Aug. 2.
- Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Extreme pressure lubricant. 2,141,142; Dec. 20.
- Ralston, Anderson W., and S. T. Bauer, assignors to Armour and Company, Chicago, Ill. Hydroxylated fish oil fatty acids and preparing the same. 2,107,062; Feb. 1.
- Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Chlorinated aralkyl ketones. 2,107,905; Feb. 8.
- Ralston, Anderson W., and S. T. Bauer, assignors to Armour and Company, Chicago, Ill. Treating fish oils. 2,119,141; May 31.
- Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Concentrating ores. 2,122,659; July 5.
- Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Concentrating ores and flotation agents therefor. 2,125,852; Aug. 2.
- Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Separating nitrile-hydrocarbon mixtures. 2,133,007; Oct. 11.
- Ralston, Anderson W., and S. T. Bauer, assignors to Armour and Company, Chicago, Ill. Dicarboxylic acids and preparing the same. 2,133,008; Oct. 11.
- Ralston, Eldon K., assignor to Circo Products Company, Cleveland, Ohio. Water separator. 2,134,840; Nov. 1.
- Ralston, Gavin, Weybridge, England. Two-stroke cycle internal combustion engine. 2,118,899; May 31.
- Ralston, George L., et al. (See Findon, Frederick H. Jr., assignor.)
- Ralston, Harley C., Cleveland, T. D. Williams, Garfield Heights, and F. Mako, Cleveland, Ohio, assignors to The American Steel and Wire Company of New Jersey. Reeling device. 2,135,913; Nov. 8.
- Ralston, Hurley D., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Work table. 2,129,384; Sept. 6.
- Ralston, Hurley D., Oak Park, and O. Felix, assignors to Sears, Roebuck and Co., Chicago, Ill. Upright loose-leaf catalogue or file. 2,138,848; Dec. 6.
- Ramage, William D., Berkeley, Calif. Purification of beverages. 2,105,700; Jan. 18.
- Ramage, William D., Berkeley, Calif. Purification of beverages. 2,105,701; Jan. 18.
- Ramage, William D., Berkeley, Calif. Clarification and removal of iron from beverages. 2,128,432; Aug. 30.
- Ramakers, Eduard W. L., Bandoeng, Java, Dutch East Indies. Electric accumulator. 2,132,186; Oct. 4.
- Ramas, Jules F., Chatou, France. Device for making oneself a tie knot. 2,107,619; Feb. 8.
- Ramberg, Edward G., Haddon Heights, N. J., assignor to Radio Corporation of America. Electron multiplier. 2,125,570; Aug. 2.
- Rambo, Ingar G. (See Beatty, D. E., and Rambo.)
- Rambo, Ingar G. (See Uecker, R. A., Rambo, and Beatty.)
- Rambo, Ingar G. (See Uecker, R. A., Rambo, and Simpson.)
- Rambo, Ingar G., Wauwatosa, and F. H. Graser, Milwaukee, Wis., assignors, by mesne assignments, to Safeway Steel Scaffolds Co. of America, Wilmington, Del. Caster. 2,126,811; Aug. 16.
- Rambold, Adolf, Dresden, Germany. Machine for making, filling, closing, and wrapping bags. Re. 20,881; Oct. 11.
- Rambold, Adolf, Dresden, Germany. Stapling apparatus. 2,139,316; Dec. 6.
- Rambush, Niels E., and P. A. Andrews, Stockton-on-Tees, England. Making jacketed vessels, particularly steam jacketed boiling pans. 2,117,500; May 17.
- Ramet Corporation of America. (See Balke, Clarence W., assignor.)
- Ramey, Harry M., et al. (See Stirn, Lewis O., assignor.)
- Ramirez, Emmanuel, Miraflores, Lima, Peru. Demountable rim. 2,123,025; July 5.
- Ramsay, Erskine, Birmingham, Ala. Mining coal. 2,105,504; Jan. 18.
- Ramsay, Erskine, Birmingham, Ala. Mining machine. 2,105,505; Jan. 18.
- Ramsay, James W. (See Shipp, V. L., Boenau, and Ramsay.)
- Ramsay, Samuel R., Santa Cruz, Calif. Liquor aging means. 2,114,009; Apr. 12.
- Ramsay, W. Beattie. (See McNally, Malcolm R., assignor.)
- Ramsdell, Guy A. (See Webb, B. H., and Ramsdell.)
- Ramsdell, Leroy P., La Porte, Ind. Demonstrating device. 2,121,212; June 21.
- Ramsdell, Robert A., Syosset, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Package and method of producing same. 2,119,963; June 7.
- Ramser, Hans. (See Moos, J., and Ramser.)
- Ramser, Hans. (See Terres, E., Moos, and Ramser.)
- Ramser, Hans. (See Terres, E., Saegebarth, Moos, and Ramser.)
- Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., assignor.)
- Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Cross arm mounting hanger. 2,108,348; Feb. 15.
- Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Cut-out. 2,108,993; Feb. 22.
- Ramsey, Clifford H., Glen Rock, N. J. Take-up mechanism. 2,123,744; July 12.
- Ramsey, Clifford H., Glen Rock, N. J. Motor control system. 2,126,812 Aug. 16.
- Ramsey, Clifford H., Glen Rock, N. J. Tensioning device. 2,139,913; Dec. 13.
- Ramsey, Edgar L., assignor, by mesne assignments, to A. B. Carter Incorporated, Gastonia, N. C. Knotter. 2,114,685; Apr. 19.
- Ramsey, Fred C. (See Peters, Fred J., assignor.)
- Ramsey, Fred J., Harrisburg, Pa. Hydraulic transmission. 2,126,662; Aug. 9.
- Ramsey, George, Brooklyn, N. Y., assignor to Valley Mould & Iron Corporation, Hubbard, Ohio. Ingot mold. 2,138,121; Nov. 29.
- Ramsey Joseph M., Wilmar, Calif. Animal feeder. 2,121,407; June 21.
- Ramsey, William P. (See Kennedy, J. W., Ramsey, and Lee.)
- Ramstad, George E., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Starting gear for internal combustion engines. 2,135,768; Nov. 8.
- Ramstedt, Frederick, New York, N. Y., assignor to General Paper Products Corp., Boston, Mass. Ground coffee holder. 2,109,624; Mar. 1.
- Ranap Company Inc. (See Foster, Fred L., assignor.)
- Ranault, Louis. (See Saives, Leon, assignor.)
- Ranco Incorporated. (See Osborne, Frederick H., assignor.)
- Ranco Incorporated. (See Raney, Eldon D., assignor.)
- Ranco Incorporated. (See Raney, Estel C., assignor.)
- Ranco Incorporated. (See Van Dyke, Henry A., assignor.)
- Rand, James H., Jr., Stamford, Conn., and R. E. Benner, Buffalo, N. Y., assignors, by mesne assignments, to General Shaver Corporation, Bridgeport, Conn. Dry shaver mechanism. 2,132,644; Oct. 11.
- Rand Rubber Company. (See French, Edward M., assignor.)
- Rand, Rufus R., Jr., Minneapolis, Minn. Aeroplane structure. 2,117,360; May 17.
- Rand, Rufus R., Jr., Minneapolis, Minn. Aerial traveling device. 2,132,187; Oct. 4.
- Randa, Conrad, et al., executors. (See Lederer, Anton.)
- Randa, General C., et al., executors. (See Lederer Anton.)
- Randa, General Conrad, et al., executors. (See Lederer, Anton.)
- Randall, Arthur E., Sterling, Colo. Automatic control attachment for permanent waving machines. 2,110,820; Mar. 8.
- Randall, Chester J., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for manufacturing rubber strips. 2,141,405; Dec. 27.
- Randall, Donald J., deceased; M. Randall, special administratrix, assignor to J. Price, Los Angeles, Calif. Display rack. 2,133,925; Oct. 18.
- Randall, Harry, Hilden, Germany. Production of grinding rings and grinding cylinders from emery and a binding medium of raw rubber. 2,113,142; Apr. 5.
- Randall, Harry and W. Chicago, Ill. Automobile towing device. 2,139,693; Dec. 13.
- Randall, James W. H., and H. Van Grunenberg, New York, N. Y. Deodorizing material. 2,131,235; Sept. 27.
- Randall, John T. (See McKeag, A. H., and Randall.)
- Randall, John T., and J. W. Ryde, Middlesex, England, assignors to General Electric Company. Device for producing visible light. 2,135,732; Nov. 8.
- Randall, Marguerite, special administratrix. (See Randall, Donald J.)
- Randall, Meredith S. (See Woodall, H. J., and Randall.)
- Randall, Meredith S., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated panel. 2,129,308; Sept. 6.
- Randall, William. (See Randall, Harry and W.)
- Randazzo, August, San Jose, Calif. Automatic cigarette dispenser. 2,112,057; Mar. 29.
- Randel, Bo E., San Diego, Calif. Removing gases from liquids. 2,104,759; Jan. 11.
- Randel, Bo E., San Diego, Calif. Method and apparatus for refrigeration. 2,109,502; Mar. 1.
- Randel, Bo E., San Diego, Calif. Heating and cooling apparatus. 2,114,316; Apr. 19.
- Randel, Bo E., San Diego, Calif. Pneumatic tire. 2,119,557; June 7.
- Randel, Bo E., San Diego, Calif. Apparatus for refrigeration. 2,136,395; Nov. 15.
- Randel, Glenn T., Marmaduke, Ark. Motor vehicle transmission control. 2,126,032; Aug. 9.



- Randol, Glenn T., Cape Girardeau, Mo. Control mechanism for automobile transmissions. 2,126,033; Aug. 9.
- Randolph, Alan F. (See Macht, M. L., and Randolph.)
- Randolph, Cary H., St. Louis, Mo. Music chart. 2,108,208; Feb. 15.
- Randolph, Spottiswoode W., Baltimore, Md., assignor, by mesne assignments, to Koppers Company. Apparatus for transporting molten materials. 2,115,213; Apr. 26.
- Randrup, John. (See Maage, F. W., and Randrup.)
- Raney, Ben B., Linton, Ind. Cassette filter. 2,120,908; June 14.
- Raney, Ben B., Linton, Ind. Filter for X-rays and similar rays. 2,139,098; Dec. 6.
- Raney, Clemma R., Riverside, Ill., assignor to International Harvester Company. Sickle drive for harvesters. 2,123,547; July 12.
- Raney, Clemma R., Riverside, and A. B. Welty, Moline, Ill., assignors to International Harvester Company. Border scraper for harvester-threshers. 2,136,637; Nov. 15.
- Raney, Eldon D., assignor to Ranco Incorporated, Columbus, Ohio. Thermoresponsive control switch. 2,141,825; Dec. 27.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Refrigerating apparatus. 2,109,202; Feb. 22.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,129,151; Sept. 6.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,133,400; Oct. 18.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Refrigerator control switch. 2,137,728; Nov. 22.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,138,244; Nov. 29.
- Raney, Estel C., Columbus, Ohio, assignor to Ranco Incorporated. Multiple control switch. 2,138,509; Nov. 29.
- Raney, Murray, Chattanooga, Tenn. Reclaiming catalytic material from spent catalytic material. 2,139,602; Dec. 6.
- Ranger, Halleck G., Seattle, Wash. Tennis racket. 2,141,824; Dec. 27.
- Ranger, Richard W., Newark, N. J. Musical instruction. 2,123,258; July 12.
- Ranke, Hans. (See Schuftan, P., and Ranke, assignors.)
- Rankin, Donald A. (See Nollan, E. H., and Rankin.)
- Rankin, Lanning P., Lawrence, Kans., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin and rosin esters. 2,117,572; May 17.
- Rankin, Renville S., Chicago, Ill., assignor to The Dorr Company, Inc., New York, N. Y. Sewage system. 2,137,966; Nov. 22.
- Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Control device. 2,130,901; Sept. 20.
- Ranney, Leo, Massillon, Ohio. Method of and apparatus for recovering water from and supplying water to subterranean formations. 2,126,575; Aug. 9.
- Ranney, Leo, Morro Bay, Calif. Apparatus for and method of boring into and treating earth material. 2,126,576; Aug. 9.
- Ranney, William G., South Hills, Pa. Mechanical toy. 2,137,950; Nov. 22.
- Ranoe, Matthew O., Minneapolis, Minn. Optical fusion-meter. 2,139,850; Dec. 13.
- Ransohoff, Nathan, Cincinnati, Ohio. Tumbling mill. 2,118,227; May 24.
- Ransom, Albert, Jr., Chicago, Ill. Device for cleaning receptacles. 2,124,748; July 26.
- Ransom, C. W. (See Politis, Leon A., assignor.)
- Ransom, Samuel H., Jr., and G. C. Fairbairn, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Heat treatment of welded joints. 2,133,926; Oct. 18.
- Ransome Concrete Machinery Company. (See Faber, John P., assignor.)
- Ransome Concrete Machinery Company. (See Williams, Joseph R., assignor.)
- Ransome, Stafford M., assignor to Barber-Colman Company, Rockford, Ill. Precision motion-transmission mechanism. 2,109,033; Feb. 22.
- Ranson Interlocking Marking System Inc., The. (See Ranson, Thomas W., assignor.)
- Ranson, Thomas W., Cleveland, Ohio, assignor to The Ranson Interlocking Marking System Inc. Child identification device. 2,125,052; July 26.
- Rapid Mfg. Co. (See Henschell, Ferdinand A., assignor.)
- Rapid Mold Company, The. (See Gay, Arthur W., assignor.)
- Rapid Roller Company. (See Rapport, David M., assignor.)
- Rapids Equipment Co. (See Ribble, Harry W., assignor.)
- Rapinwax Paper Company. (See Bohn, Stewart, assignor.)
- Rapisarda, Edward D., Agawam, assignor of one-half to G. E. Byford, Winchester, Mass. Press mechanism. 2,104,308; Jan. 4.
- Rapley, Harold H., Redford, England, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Belt conveyor for newspapers and like articles. 2,140,595; Dec. 20.
- Rapp, Axel G. J., Evanston, and A. C. Christensen, assignors to H. S. Simpson, Chicago, Ill. Sand mixer. Re. 20,849; Sept. 6.
- Rapp, Theodore, Los Angeles, Calif. Weighing and packaging machine. 2,116,934; May 10.
- Rappaport, Fannie. (See Kaparin, O. A., and Rappaport, assignors.)
- Rappaport, Simon. (See Kaparin, O. A., and Rappaport.)
- Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner arm. 2,122,802; Jan. 5.
- Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,134,954; Nov. 1.
- Rapport, David M., assignor to Rapid Roller Company, Chicago, Ill. Roller. 2,119,491; May 31.
- Rapraeger, Bert F. (See Massey, P. J., Thiele, and Rapraeger.)
- Rapuano, Henry J., New Haven, Conn. Switch-operating device for steering-wheels. 2,109,550; Mar. 1.
- Rare Chemicals, Inc. (See Dirscherl, Wilhelm, assignor.)
- Rasch, Henry, Hohokus, assignor to Chaincraft, Inc., Hackensack, N. J. Brassière. 2,132,128; Oct. 4.
- Rascher & Betzold, Inc. (See Betzold, M. F., Rascher, and Torp, assignors.)
- Rascher, Charles. (See Betzold, M. F., Rascher, and Torp.)
- Rasey, Walter H. (See Hiser, Romey W., assignor.)
- Rasmussen, Charles H. (See Eisen, J. B., and Rasmussen.)
- Rasmussen, Charles H., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Dispensing package. 2,108,902; Feb. 22.
- Rasmussen, Chester A., and C. R. Butler, assignors to Trobas, Inc., Long Beach, Calif. Casing head. 2,122,071; June 28.
- Rasmussen, Christian A., Cleveland, Ohio. Electric controller construction. 2,107,045; Feb. 1.
- Rasmussen, Christian A., Cleveland, Ohio. Speed responsive electrical contactor. 2,136,252; Nov. 8.
- Rasmussen, Frank H., assignor to Magill-Weinsheimer Company, Chicago, Ill. Advertising device and mailing tube. 2,108,349; Feb. 15.
- Rasmussen, Hans J. M., Chicago, Ill. Faucet. 2,105,331; Jan. 11.
- Rasmussen, John A., assignor of forty-nine one hundredths to R. G. Doege, Salem, Oreg. Trailer hitch. 2,130,100; Sept. 13.
- Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake wheel cylinder packing. 2,120,922; June 14.
- Rasmussen, Olaf, and G. K. Hause, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Internal brake. 2,138,205; Nov. 29.
- Rasmussen, Olaf, and R. C. Rike, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Slack adjuster. 2,138,206; Nov. 29.
- Rasmussen, Robert P., Chicago, Ill. Conveyor. 2,128,594; Aug. 30.
- Rasmussen, Robert P., Chicago, Ill. Conveyor. 2,128,595; Aug. 30.
- Rasmussen, Wilfred C. (See Szabó, Basil V., assignor.)
- Rasnek, Edward. (See Cowen, Milam A., assignor.)
- Raspe, Friedrich. (See Weise, P., and Raspe.)
- Raspe, Friedrich, and H. Giese, Leverkusen I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial cellulosic material. 2,121,408; June 21.
- Rassmann, Hugo C., Beaver Dam, Wis. Seeder. 2,106,901; Feb. 1.
- Rassmann, Hugo C., Beaver Dam, Wis. Hill dropping seeder. 2,141,044; Dec. 20.
- Rassow, Horst, Berlin-Friedenau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Method and arrangement for synchronizing of printing telegraphs. 2,140,596; Dec. 20.
- Rast, Frederick Q., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Weighing and indicating mechanism. 2,111,127; Mar. 15.
- Rast, Frederick Q., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Parcel post machine. 2,111,128; Mar. 15.
- Rast, Frederick Q., assignor to International Business Machines Corporation, New York, N. Y. Weight controlled machine. 2,120,373; June 14.
- Ratajczak, Stephen. (See Strenzy, August F. P., assignor.)
- Ratcliff, Freeman R. (See Sammons, Paul R., assignor.)
- Ratcliff, Peary F., Shreveport, La. Deep grease fryer. 2,125,862; Aug. 2.
- Rathbun, Merrill L., Jamestown, N. Y. Closed receptacle or case. 2,112,658; Mar. 29.
- Rathbun, Merrill L., Jamestown, N. Y. Closed receptacle or case. 2,141,449; Dec. 27.
- Rather, Maxwell F., Cleveland, Ohio, assignor to Johnson Service Company, Milwaukee, Wis. Control for air conditioning systems. 2,109,649; Mar. 1.
- Rather, Maxwell F., Cleveland, Ohio, assignor to Johnson Service Company, Milwaukee, Wis. Control for air conditioning systems. 2,109,650; Mar. 1.
- Ratié, Pierre P., assignor to Société d'Etudes pour l'Aviation (S. E. P. A.), Montrouge, France. Variable pitch airscrew. 2,141,552; Dec. 27.
- Ratkowski, Thomas A., Chicago Heights, Ill., assignor to The American Brake Shoe and Foundry Company. Dipper door for excavating buckets. 2,107,342; Feb. 8.
- Ratliff, Karl, Midland, Tex., assignor to Manning, Bowman & Co., Meriden, Conn. Electric waffle iron. 2,116,688; May 10.
- Ratliff, R. R. (See Snell, Owens C., assignor.)



- Ratti, Aldin, Ann Arbor, Mich. Combined ignition and gear shift locking device. 2,140,812; Dec. 20.
- Ratti, Roger. (See Müller, M., and Ratti.)
- Ratti, Roger, assignor to firm Durand & Huguenin S. A., Basel, Switzerland. Producing stable sulphuric acid ester salts of leuco-vat-dyestuffs in dry state. 2,122,113; June 28.
- Rau, Cedric C. (See Sweeney, J. A., and Rau.)
- Rau, David W., Kirkwood, Mo. Photographic enlarging machine. 2,137,028; Nov. 15.
- Rau, Justin L., Kirkwood, Mo. Cellular plastic material and making the same. 2,132,969; Oct. 11.
- Rau, Martin. (See Wolf, B., Kling, and Rau.)
- Rauen, Carl F. (See Rauen, John T. and C. F.)
- Rauen, Carl F., Grosse Pointe, Mich. Sprag clutch. 2,123,202; July 12.
- Rauen, Carl F., Grosse Pointe, Mich. Muffler. 2,138,510; Nov. 29.
- Rauen, Carl F., Grosse Pointe, and A. E. Kilpela, Detroit, Mich., assignors, by mesne assignments, to Borg-Warner Corporation. Automatic transmission. 2,134,316; Oct. 25.
- Rauen, John T. and C. F., Grosse Pointe, Mich. Engine brake. 2,124,081; July 19.
- Rauer, Philip, New York, and P. Torrington, Jr., Forest Hill, N. Y., assignors, by mesne assignments, to Soyseil Process Corporation. Preparing a protein material. 2,132,434; Oct. 11.
- Rauh, Frederic H., South Orange, assignor to J. Wiss & Sons Co., Newark, N. J. Bumper for hedge shears. 2,105,332; Jan. 11.
- Rauh, Herbert H., Beloit, Wis. Lock. 2,111,515; Mar. 15.
- Raulston, George W. and M. W., Newport, Tenn. Yarn changer for knitting machines. 2,122,845; July 5.
- Rausch, Frank A., Trenton, N. J. Resiliently mounted leg rest. 2,112,678; Mar. 29.
- Raussendorf, Hermann, Saxony, Germany. Threshing machine frame. 2,106,123; Jan. 18.
- Rauston, Morris W. (See Raulston, George W. and M. W.)
- Ravenna, Joseph, Philadelphia, Pa. Oil burner. 2,118,228; May 24.
- Raver, Francis M., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration apparatus. 2,120,767; June 14.
- Ravkind, Edna. (See Frankfurt, E., and Ravkind.)
- Ravut, Camille, and L. Godeau, assignors to Societe Industrielle des Telephones (Constructions Electriques, Caoutchouc, Cables), Paris, France. Transmission control circuit. 2,141,553; Dec. 27.
- Ravven, Leo L., Boston, assignor to Air-O-Matic Ventilator Company, Roxbury, Mass. Ventilator. 2,141,762; Dec. 27.
- Rawling, Francis G., Piedmont, W. Va., assignor, by mesne assignments, to West Virginia Pulp & Paper Company, New York, N. Y. Producing sized papers. 2,114,809; Apr. 19.
- Rawlings, Arthur D., Barnes, England. Cigarette or cigar. 2,106,062; Jan. 18.
- Rawlings, George W., Park Hill, Kenilworth, England. Electric generator. 2,104,707; Jan. 4.
- Rawlings, Charles C., Waverley, Va. Locking means for guard standards of vehicle bodies. 2,139,317; Dec. 6.
- Rawlings Manufacturing Company. (See Scudder, Mason, assignor.)
- Rawlins, Albert L., Detroit, and H. C. Hamilton, Grosse Ile, assignors to Parke, Davis & Company, Detroit, Mich. Polyhydroxy poly secondary alkyl phenol germicides. 2,107,307; Feb. 8.
- Rawlins, Herbert L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,108,550; Feb. 15.
- Rawlinson, George H., Portland, Oreg. Garment pressing machine. 2,126,577; Aug. 9.
- Rawlplug Company, The. (See Schulte, Max L., assignor.)
- Rawls, Paul C., Des Moines, assignor to Webb-Glade Pump Association, Fontanelle, Iowa. Rotary pump. 2,117,573; May 17.
- Rawson, Emanuel, Chicago, Ill., and A. Williams, Munster, Ind., assignors to The Superheater Company, New York, N. Y. Feed water heating system. 2,105,822; Jan. 18.
- Ray, Arthur B., Bayside, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Solvent recovery. 2,114,810; Apr. 19.
- Ray, Don., Los Angeles, Calif. Bottle hooding machine. 2,124,674; July 26.
- Ray Engineering Company. (See Rafield, Charles L., assignor.)
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of shoes. 2,115,978; May 3.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,128,320; Aug. 30.
- Ray, Frederick A., West Hollywood, Calif. Buckle. 2,114,355; Apr. 19.
- Ray, Frederick B., assignor to Insley Manufacturing Corporation, Indianapolis, Ind. Concrete conveying bucket. 2,134,643; Oct. 25.
- Ray, George L., Charlotte, N. C. Roofing shingle. 2,106,624; Jan. 25.
- Ray, Joseph, Philadelphia, Pa. Racing game. 2,116,707; May 10.
- Ray, Philip A., assignor to Hercules Powder Company, Wilmington, Del. Xanthates of resin alcohols and their production. 2,106,558; Jan. 25.
- Ray, William A., San Francisco, Calif., assignor to General Controls Company. Multiple control. 2,112,998; Apr. 5.
- Ray, William A., San Francisco, Calif., assignor to General Controls Company. Control unit. 2,113,858; Apr. 12.
- Ray, William R., San Francisco, Calif., assignor, by mesne assignments, to General Controls Co. Actuator. 2,127,961; Aug. 23.
- Raybestos-Manhattan, Inc. (See Bockius, C., Batchelor, and Cook, assignors.)
- Raybestos-Manhattan, Inc. (See Bockius, C., and Cook, assignors.)
- Raybestos-Manhattan, Inc. (See Kuzmick, J. N., and Hilton, assignors.)
- Raybestos-Manhattan, Inc. (See McHugh, Charles P., assignor.)
- Raybestos-Manhattan, Inc. (See Novak, Izador J., assignor.)
- Raybestos-Manhattan, Inc. (See Soule, Kenneth J., assignor.)
- Raybestos-Manhattan, Inc. (See Wales, Earl A., assignor.)
- Raybestos-Manhattan, Inc. (See Weaver, Jesse M., assignor.)
- Raybestos-Manhattan, Inc. (See Willson, Charles M., assignor.)
- Rayburn, Alden G., Sausalito, Calif., assignor of forty per cent to A. D. Knox, Nashville, Tenn., and twenty per cent to E. S. Rayburn, Sausalito, Calif. Teletale signal light. 2,127,887; Aug. 23.
- Rayburn, Eddy S., et al. (See Rayburn, Alden G., assignor.)
- Raydt, Ulrich, Osnabruck, Germany. Plating metals and alloys. 2,138,982; Dec. 6.
- Rayfield, Charles L., assignor to Ray Engineering Company, Chicago, Ill. Valve. 2,129,963; Sept. 13.
- Rayment, Lyndon C., and C. B. Howard, Oakland, Calif. Dynamic translating device. 2,118,862; May 31.
- Raymer, Guy N., Beatrice, assignor of one-half to J. A. Mouat, Loleta, Calif. Collapsible boat. 2,120,627; June 14.
- Raymond, Edward F., Huntington Park, assignor to J. Grant, Los Angeles, Calif. Jar. 2,118,982; May 31.
- Raymond, Gwynne, assignor to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla. Valve. 2,108,234; Feb. 15.
- Raymond, Gwynne, assignor to Black Sivalls & Bryson, Inc., Oklahoma City, Okla. Apparatus for testing gas. 2,119,288; May 31.
- Raymond, Gwynne, assignor to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla. Safety pressure device. 2,123,662; July 12.
- Raymond, Gwynne, and L. E. Young, assignors to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla. Baffle construction. 2,134,203; Oct. 25.
- Raymond, Gwynne, and L. E. Young, assignors to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla. Tank. 2,139,914; Dec. 13.
- Raymond, Joseph, Baltimore County, Md., assignor, by mesne assignments, to T. C. Dargett, H. H. Hackney, G. Myer, J. Raymond, and R. I. Welsh. Refrigerating method and apparatus. 2,122,381; June 28.
- Raymond, Lambert L., Minneapolis, Minn. Decorating device structure. 2,117,501; May 17.
- Raymond, Ralph, Nyack, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,106,360; Jan. 25.
- Raymond, Ward, Easton, Pa., assignor to Pennsylvania Pump and Compressor Company. Flywheel governor for steam driven compressors. 2,137,580; Nov. 22.
- Rayner, Greta, Vancouver, British Columbia, Canada. Corset. 2,120,508; June 14.
- Raynor, Harry A., Nottingham, England. Knitted fabric and the production thereof. 2,108,925; Feb. 22.
- Raynor, Harry A., Wollaton Park, Nottingham, England. Knitting machine and method. 2,120,187; June 7.
- Rayolite Rifle Range Company. (See Carter, Alva J., assignor.)
- Rayon Processing Co. of R. I., Inc., The. (See McCulloch, N. E., and Bourne, assignors.)
- Rayonier Incorporated. (See Stieg, Fred R., assignor.)
- Raytheon Manufacturing Company. (See Bush, Vannevar, assignor.)
- Raytheon Manufacturing Company. (See Le Bel, Clarence J., assignor.)
- Raytheon Manufacturing Company. (See Marshall, Laurence K., assignor.)
- Raytheon Manufacturing Company. (See Poté, Alfred J., assignor.)
- Raytheon Manufacturing Company. (See Smith, Charles G., assignor.)
- Raytheon Manufacturing Company. (See Spencer, Percy L., assignor.)
- Raytheon Production Corporation. (See Marshall, Laurence K., assignor.)
- Raytheon Production Corporation. (See Spencer, Percy L., assignor.)
- Rayton, Wilbur B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Photographic objective. 2,124,356; July 19.
- Ritz-Ammann, Hermann, Thorne, Switzerland. Nonskid device. 2,137,062; Nov. 15.



- Rea, Arthur A., La Grande, Ore. Draft promoter for furnaces. 2,107,504; Feb. 8.
- Rea, James C., assignor to Dry Fruit Products Company, Oakland, Calif. Drying apparatus. 2,134,147; Oct. 25.
- Rea, James C., and E. N. Percy, assignors to Dry Fruit Products Company, Oakland, Calif. Dehydrating fruit. 2,110,821; Mar. 8.
- Rea, Philip M., Oklahoma City, Okla. Paraffin scraper. 2,124,869; July 26.
- Rea, Walter C., New York, N. Y. Method of and apparatus for quarrying and shaping rock and stone. 2,111,872; Mar. 22.
- Rea, Walter C., Philadelphia, Pa., assignor, by mesne assignments, to Detachable Bit Company, New York, N. Y. Rock drill. 2,118,524; May 24.
- Reich, Milton B., Springfield, Mass. Water bottle. 2,111,731; Mar. 22.
- Reich, Milton B., Springfield, Mass. Inflated ball. 2,116,479; May 3.
- Reich, William F., Chicopee, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club. 2,129,068; Sept. 6.
- Read, Charles H. (See Rockett, J. M., Isherwood, and Read.)
- Read, David Y., New York, N. Y., assignor of one-fourth to J. P. Grandy and one-fourth to H. H. Snelling, Washington, D. C. Typewriter. 2,114,270; Apr. 12.
- Read-Eisler Corporation. (See Read, G. W., and Eisler, assignors.)
- Read, Ernest K. (See Ow, J. W., and Read.)
- Read, Everett C., assignor to The Filer & Stowell Co., Milwaukee, Wis. Piston structure for uniflow steam engines. 2,138,644; Nov. 29.
- Read, George W., and F. J. Eisler, Forest Hills, assignors to Read-Eisler Corporation, New York, N. Y. Preventing an undesired backward movement of motor vehicles. 2,122,660; July 5.
- Read, Herbert L. (See Dell, C., and Read.)
- Read Machinery Company. (See Eades, John A., assignor.)
- Reade, Ralph W. B., Winnetka, assignor to United States Gypsum Company, Chicago, Ill. Machine for producing coated material. 2,128,190; Aug. 23.
- Reade, Ralph W. B., Port Washington, N. Y., assignor to United States Gypsum Company, Chicago, Ill. Producing coated material. 2,128,214; Aug. 23.
- Reading, Carlos A., et al. (See Robinson, Walter J., assignor.)
- Reading Foundry and Supply Co. (See De Hart, John R., assignor.)
- Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Shovel or like tool. 2,105,007; Jan. 11.
- Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Shovel and like tool. 2,130,563; Sept. 20.
- Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Manufacture of shovels and the like. 2,132,541; Oct. 11.
- Ready Made Neckwear Corporation. (See Kahn, Harry, assignor.)
- Reagan, Walter G., Lebanon, Ind. Container blank. 2,105,844; Jan. 18.
- Regin, George E., Tulsa, Okla. Pumping apparatus. 2,131,299; Sept. 27.
- Ream, Fred H., near Dayton, assignor of forty-five per cent to P. L. Sagebiel, Dayton, Ohio. Mechanical stoker. 2,123,802; July 12.
- Reamer, Benton N., Jersey City, N. J. Display sign. 2,132,970; Oct. 11.
- Reaney, Ernest, Stratford, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Face milling cutter. 2,136,953; Nov. 15.
- Reaney, Ernest, Stratford, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Finishing cutter. 2,136,954; Nov. 15.
- Reaney, Ernest, Bridgeport, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Vertically adjustable shankless tool bit and holder therefor. 2,140,940; Dec. 20.
- Reaney, Ernest, Bridgeport, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Triple adjustment shankless tool bit and holder therefor. 2,140,941; Dec. 20.
- Rear, James C., Berkeley, assignor to The Union Ice Company, San Francisco, Calif. Refrigerator. 2,110,917; Mar. 15.
- Rear, James S., Vancouver, British Columbia, Canada. Garment renewing machine. 2,120,340; June 14.
- Reardon, Eugene J. (See Braune, C., and Reardon.)
- Reardon, Robert E., Camden, N. J. Memograph target. 2,133,308; Oct. 18.
- Reason, Richard E., assignor to Kapella Limited, Leicester, England. Apparatus for the determination of the refraction of the eye. 2,114,984; Apr. 19.
- Reaume, Lawrence W., assignor to River Raisin Paper Company, Monroe, Mich. Carton. 2,117,678; May 17.
- Reaume, Lawrence W., assignor to River Raisin Paper Company, Monroe, Mich. Carton. 2,122,493; July 5.
- Reay, Ralph. (See Weber, K., and Reay.)
- Rebehm, Fred, and M. R. Iversen, Logan, Iowa. Stock feeder. 2,126,926; Aug. 16.
- Reber, Earl R. (See Zavotti, A. H., and Reber.)
- Rebl, Carl, Brooklyn, N. Y. Electric lighting apparatus. 2,109,341; Feb. 22.
- Rebl, Carl, Brooklyn, N. Y. Printing attachment for pencils. 2,109,342; Feb. 22.
- Rebois, Leon V., assignor to Brooks, Ltd., San Francisco, Calif. Toasting machine. 2,139,334; Dec. 6.
- Recen, Henry A., Kokomo, assignor of one-half to C. W. Burnheimer, Breckenridge, Colo. Battery terminal connector. 2,125,521; Aug. 2.
- Rechel, Ernest R. (See Stevenson, T., and Rechel.)
- Rechlin, Clarence R., and R. Jantsch, assignors to The J. H. Day Company, Cincinnati, Ohio. Ink mill. 2,107,214; Feb. 1.
- Reckitt & Sons Limited. (See Sargent, Edward H. G., assignor.)
- Reclamation Company, The. (See Weggum, Gust, assignor.)
- Reconstruction Finance Corporation. (See Bailey, Warren G., assignor.)
- Reconstruction Finance Corporation. (See Bradley, Richard C., assignor.)
- Reconstruction Finance Corporation. (See Constantine, Arthur R., assignor.)
- Reconstruction Finance Corporation. (See Ely, C. G., and Allen, assignors.)
- Reconstruction Finance Corporation. (See Erbe, Ralph R., assignor.)
- Reconstruction Finance Corporation. (See Harman, Arlington R., assignor.)
- Reconstruction Finance Corporation. (See Hobson, Stanley H., assignor.)
- Reconstruction Finance Corporation. (See Kennedy, J. E., and Hesse, assignors.)
- Reconstruction Finance Corporation. (See Key, Frederick E., assignor.)
- Reconstruction Finance Corporation. (See Niemchek, Louis, assignor.)
- Reconstruction Finance Corporation. (See Small, Thomas W., assignor.)
- Reconstruction Finance Corporation. (See Threlkeld, Howard M., assignor.)
- Reconstruction Finance Corporation. (See Wiggers, Henry, assignor.)
- Rector, Laurence L., Fort Worth, Tex. Packing device. 2,139,207; Dec. 6.
- Reda Pump Company. (See Arutunoff, Armais, assignor.)
- Redcay, Frederick A., assignor to Fred C. Good & Sons, Philadelphia, Pa. Carrier for full-fashioned knitting machines. 2,138,389; Nov. 29.
- Redcay, Harry S. (See De Laney, W. E., and Redcay.)
- Redcay, Paul W., Hyde Park, Pa. Radio circuit. 2,140,141; Dec. 13.
- Redcliffe, Frederick J., New York, N. Y. Match book. 2,129,102; Sept. 6.
- Reddellien, Gustav, Leipzig, and G. Matthaeus, Wolfen, Kreis Bitterfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyes. 2,117,745; May 17.
- Redden, Lee R. (See Bruner, R. R., and Redden.)
- Reddie, James W. (See McFarlan, R. L., and Reddie.)
- Redding, Edward T., and A. V. Spinosa, assignors to Penn Metals Company, Inc., Parkersburg, W. Va. Expanded metal lath. 2,131,670; Sept. 27.
- Redfern, Francis H., Folkestone, England. Folding hood. 2,128,849; Aug. 30.
- Redfield, Mary. (See Kessler, Dorothy M., assignor.)
- Redfield, Snowden B., Bethlehem, assignor to Fuller Company, Catsaqua, Pa. Air compressor. 2,126,280; Aug. 9.
- Redfield, Snowden B., Bethlehem, and H. S. Lenhart, Allentown, assignors to Fuller Company, Catsaqua, Pa. Air compressor. 2,126,279; Aug. 9.
- Redhead, William R., Oswego, Ore., assignor to The Hardie Manufacturing Company, Hudson, Mich. Tandem wheel truck. 2,124,149; July 19.
- Redin, Eric G., St. Louis, Mo. Clothes hanger. 2,128,596; Aug. 30.
- Redington, F. B., Co. (See Milmo, Michael J., assignor.)
- Redlich, Nathan, Jr., New York, N. Y. Cloth doll with sleeping eyes. 2,134,929; Nov. 1.
- Redlinger, Frank A., Erie, Mich. Airfoil. 2,126,502; Aug. 9.
- Redlinger, Michael, Portland, Ore. Rotary bin. 2,115,085; Apr. 26.
- Redman, Frank R. (See Sperber, Meyer, assignor.)
- Redman, Frank R., Yardley, Pa. Multi-ply fabric. 2,123,474; July 12.
- Redman, Norman, assignor to American Interlining & Spinning Company, Philadelphia, Pa. Textile machinery. 2,130,599; Sept. 20.
- Redmer, Martin H., Chicago, Ill. Screw locking means. 2,106,278; Jan. 25.
- Redmond, A. G., Co. (See Hoddy, Joseph S. and G. W., assignors.)
- Redmond, Albert G., Flint, Mich. Sectional power unit. 2,118,983; May 31.
- Redmond, Albert G., Flint, Mich., assignor to Noblitt Sparks Industries, Inc., Columbus, Ind. Remote control device for radio apparatus. 2,117,574; May 17.
- Redon, Henry, Marseille, assignor to Société Provencale de Constructions Aeronautiques, Paris, France. Materializing the streamlines of a fluid. 2,134,890; Nov. 1.
- Red River Refining Company. (See Schulze, John E., assignor.)
- Redrup, Charles B., assignor to The Bristol Tramways & Carriage Company Limited, Bristol, England. Swash mechanism. 2,104,391; Jan. 4.



- Reduction Gears Limited. (See Gillett, Edward H. J. C., assignor.)
- Reece, Alfa D. (See Reece, Mae G. and A. D., and Bergman.)
- Reece Button Hole Machine Company, The. (See Pikul, Joseph H., assignor.)
- Reece Button Hole Machine Company, The. (See Reece, F. A., and Avis, assignors.)
- Reece, Floyd M., and M. F. Taggart, South Bend, Ind. Ungelled drying oil product. 2,113,358; Apr. 5.
- Reece Folding Machine Company. (See Gilbert, Alfred G., assignor.)
- Reece, Franklin A., Brookline, Mass. Buttonhole machine. 2,133,360; Oct. 18.
- Reece, Franklin A., Brookline, Mass., and S. W. Avis, Providence, R. I., assignors to The Reece Button Hole Machine Company, Boston, Mass. Button sewing machine. 2,134,417; Oct. 25.
- Reece, Mae G. and A. D., and G. E. Bergman, assignors to Reece Wooden Sole Shoe Company, Inc., Columbus, Neb. Industrial shoe. 2,105,263; Jan. 11.
- Reece Wooden Sole Shoe Company. (See Reece, Mae G. and A. D., and Bergman, assignors.)
- Reed, Arthur D., Kirksey, Ky. Garment hanger. 2,129,371; Sept. 13.
- Reed, Arthur W. (See Tanner, Walter B., assignor.)
- Reed, Bess L. (See Giesey, Russell H., assignor.)
- Reed, Charles E., assignor to Charles E. Reed & Co., Chicago, Ill. Die for cutting sheet material. 2,116,364; May 3.
- Reed, Charles E. & Co. (See Reed, Charles E., assignor.)
- Reed, Clair S. (See Sherman, J. D., Reed, and Currie.)
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Cutter and spindle assembly. 2,111,732; Mar. 22.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring drill. 2,117,679; May 17.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter spindle and bearing assembly for earth boring drills. 2,126,034; Aug. 9.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring bit. 2,126,035; Aug. 9.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring drill. 2,126,036; Aug. 9.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Reamer cutter. 2,126,037; Aug. 9.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter, spindle, and antifriction bearing assembly. 2,126,038; Aug. 9.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring drill. 2,126,039; Aug. 9.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter organization for earth boring drills. 2,126,040; Aug. 9.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter and spindle assembly for earth boring drills. 2,126,041; Aug. 9.
- Reed, Daniel E. (See Putterman, B., and Reed.)
- Reed, Daniel E., assignor to Yankee Metal Products Corp., Norwalk, Conn. Fender guide. 2,133,371; Oct. 18.
- Reed, Daniel E., assignor to Yankee Metal Products Corp., Norwalk, Conn. Mirror device. 2,135,145; Nov. 1.
- Reed, Dempson H., Houston, Tex. Outside pipe cutter. 2,132,645; Oct. 11.
- Reed, Everett H., assignor of one-half to R. M. Olds, Detroit, Mich. Hose supporter. 2,115,235; Apr. 26.
- Reed, Forrest C., Kansas City, Mo. Producing carbon black. 2,106,137; Jan. 18.
- Reed, Forrest C., assignor to L. J. Snyder, Kansas City, Mo. Producing carbon black. 2,116,848; May 10.
- Reed, Francis T., New Orleans, La. Plug valve. 2,125,810; Aug. 2.
- Reed, George F., assignor to M. M. Reed, Pittsburgh, Pa. Illuminated display sign. 2,131,671; Sept. 27.
- Reed, Georgia F. (See Jones, Joel T., Jr., assignor.)
- Reed, George M., Yeadon, Pa., assignor to General Electric Company. Electric switch gear. 2,130,250; Sept. 13.
- Reed, George W., Wood, Wis. Battery connection. 2,124,631; July 26.
- Reed, Harold V. (See Nutt, H., and Reed.)
- Reed, Harold V., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,107,741; Feb. 8.
- Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,119,025; May 31.
- Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,119,026; May 31.
- Reed, Harry S., Yakima, Wash. Automatic polish feeder. 2,120,868; June 14.
- Reed, Herbert V., London, England. Apparatus for the generation of foam for fire extinction. 2,105,264; Jan. 11.
- Reed, James K., Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye finishing process. 2,124,590; July 20.
- Reed, Louis B., et al. (See Reed, Roy E., assignor.)
- Reed, Malcolm W. (See Howe, J. F., and Reed.)
- Reed, Malcolm W., Shaker Heights, Ohio. Wire rope. 2,136,865; Nov. 15.
- Reed, Malcolm W., Shaker Heights, Ohio. Wire rope. 2,136,866; Nov. 15.
- Reed, Malcolm W., Shaker Heights, Ohio. Wire rope or cable. 2,136,867; Nov. 15.
- Reed Manufacturing Company. (See Petersen, Thorvald, assignor.)
- Reed, Marion C., Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Clarification of vinyl resins. 2,137,627; Nov. 22.
- Reed, Myrtle M. (See Reed, George F., assignor.)
- Reed Propeller Co., The. (See Chilton, Roland, assignor.)
- Reed Propeller Co., Inc., The. (See Meyer, Andre J., assignor.)
- Reed, Raymond E., Walpole, assignor to The Kendall Company, Boston, Mass. Padding material for jewelry containers. 2,113,122; Apr. 5.
- Reed, Robin. (See Stumbo, Ray J., assignor.)
- Reed Roller Bit Company. (See Harrington, George G., assignor.)
- Reed Roller Bit Company. (See Hoffoss, John, assignor.)
- Reed Roller Bit Company. (See Fernier, G. F., and Stokes, assignors.)
- Reed Roller Bit Company. (See Stokes, John C., assignor.)
- Reed, Roy E., Ripon, Wis., assignor of one-fourth to H. Hull, Denver, one-fourth to L. B. Reed, Greeley, Colo., and one-fourth to W. E. Haseltine, Ripon, Wis. Washing machine. 2,107,426; Feb. 8.
- Reed, Stephen A. (See Drew, R. L., and Reed.)
- Reed, William E., Pittsburgh, Pa. Wire fabric. 2,125,583; Aug. 2.
- Reedy, Joseph F., Greensburg, Pa. Agitating mechanism. 2,140,970; Dec. 20.
- Reefer Galler Inc. (See Galler, Morris S., assignor.)
- Reeh, Erich, Hanover, Germany. Torsion balance. 2,114,769; Apr. 19.
- Reeh, Erich, Hanover, Germany. Torsion balance. 2,131,357; Sept. 27.
- Reehl, Fred W., Manhasset, N. Y. Garment hanger. 2,137,700; Nov. 22.
- Reek, Ashley. (See Miller, W. J., and Reek.)
- Reekers, Andrew, Portland, Oreg. Trolling spoon. 2,132,760; Oct. 11.
- Rees, Burt L. (See Denbow, C. E., and Rees.)
- Rees, Frank X., Albany, assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,123,964; July 19.
- Rees, Frank X., Albany, assignor to General Railway Signal Company, Rochester, N. Y. Track circuit. 2,123,965; July 19.
- Rees, Frank X., Albany, assignor to General Railway Signal Company, Rochester, N. Y. Track circuit. 2,123,966; July 19.
- Rees, Gregory L., La Grange, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Leg support. Re. 20,925; Nov. 22.
- Rees, Gregory L., La Grange, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Leg support. 2,110,005; Mar. 1.
- Rees, Irvine J. (See Blankenbuehler, J. H., and Rees.)
- Rees, Thomas J., Reno, Nev. Prime mover. 2,114,969; Apr. 19.
- Rees, William H., Berkeley, assignor to El Dorado Oil Works, San Francisco, Calif. Producing glycerine and fatty acids. 2,124,168; July 19.
- Reese, Walter, Gary, Minn. Artificial fishing bait. 2,134,841; Nov. 1.
- Reetz, Carl G., assignor to National Battery Company, St. Paul, Minn. Storage battery testing device. 2,106,687; Jan. 25.
- Reeve, Rex W., Palos Park, assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of sausages. 2,140,166; Dec. 13.
- Reeves, Arthur L., Caron, Saskatchewan, Canada. Internal combustion engine. 2,134,236; Oct. 25.
- Reeves, Beauford H., Pine Orchard, Conn., assignor to Rockbestos Products Corporation. Polishing apparatus. 2,135,200; Nov. 1.
- Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,133,361; Oct. 18.
- Reeves, Edward D. (See Murphree, E. V., and Reeves.)
- Reeves, George. (See Lord, G., and Reeves.)
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Multiple-belt variable speed unit. 2,111,077; Mar. 15.
- Reeves, Paul B., and H. E. Brooks, assignors to Reeves Pulley Company, Columbus, Ind. Variable speed motor drive. 2,140,942; Dec. 20.
- Reeves Pulley Company. (See Clay, Harry C., assignor.)
- Reeves Pulley Company. (See Perry, William R., assignor.)
- Reeves Pulley Company. (See Reeves, Paul B., assignor.)
- Reeves Pulley Company. (See Reeves, P. B., and Brooks, assignors.)
- Reeves Steel and Manufacturing Company. (See Curtis, Frederick G., assignor.)
- Reeves Steel and Manufacturing Company. (See Curtis, Rowland G., assignor.)
- Refinery Engineers, Inc. (See Brewster, Oswald C., assignor.)



- Refining, Inc. (See Clayton, Benjamin, assignor.)  
 Refining, Inc. (See Clayton, B., Kerrick, and Stadt, assignors.)  
 Refining, Inc. (See Clayton, B., and Thurman, assignors.)  
 Refining, Inc. (See Thurman, Benjamin H., assignor.)  
 Refinoid Manufacturing Corporation. (See Harris, William D., assignor.)  
 Reflector Hardware Corporation. (See Zadek, Milton, assignor.)  
 Refrigeration Appliances, Inc. (See Swanson, Sven V., assignor.)  
 Refrigeration Patents Corporation. (See Bronaugh, L. J., and Potter, assignors.)  
 Refrigeration Patents Limited. (See Hall, Cecil S., assignor.)  
 Regan Forge & Engineering Company. (See Foster, David T., assignor.)  
 Regan Forge & Engineering Company. (See Minor, Burt S., assignor.)  
 Regan Forge & Engineering Company. (See Minor, B. S., and Kibele, assignors.)  
 Regan, John, New Bedford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft controlled loom stopping mechanism. 2,134,842; Nov. 1.  
 Regan, John E., Elmhurst, assignor to Reynolds Metals Company, New York, N. Y. Tamperproof secondary closure. 2,122,294; June 28.  
 Regan, John E., assignor to The Lamson Company, Syracuse, N. Y. Conveyor system. 2,132,362; Oct. 4.  
 Regan, Michael C., Califon, N. J. Container. 2,116,041; May 3.  
 Regen, O., Manufacturing Co. (See Regen, Oscar, assignor.)  
 Regen, Oscar, New York, N. Y. Hat bow. 2,131,751; Oct. 4.  
 Regen, Oscar, Brooklyn, assignor to O. Regen Manufacturing Co., Inc., New York, N. Y. Sewing machine. 2,130,509; Sept. 20.  
 Regenhartdt, Walter F., Cleveland, Ohio. Cabinet construction. 2,123,803; July 12.  
 Regenhartdt, Walter F., Cleveland, Ohio. Filing drawer or the like. 2,139,233; Dec. 6.  
 Regents of the University of Michigan. (See Blicke, Frederick F., assignor.)  
 Reger, Karl. (See Sträh, H., Reger, and Dorn.)  
 Reger, Martin. (See Pirani, M., and Reger.)  
 Register, Ramsay G., assignor to Gill Glass & Fixture Company, Philadelphia, Pa. Sign. 2,140,301; Dec. 13.  
 Regis, Earl L. (See White, C. A., and Regis.)  
 Regina Corporation, The. (See Norris, Alfred E., assignor.)  
 Regina Corporation, The. (See Smith, Bernard P., assignor.)  
 Regis, Felix S., Chisholm, Minn. Attachment plug base. 2,134,204; Oct. 25.  
 Reh, Edward J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Making lenses. 2,112,659; Mar. 29.  
 Rehbein, Elmer C., Appleton, Wis. Measuring and severing device. 2,135,113; Nov. 1.  
 Rehder, Bernhard. (See Machts, L., and Rehder.)  
 Rehm, Charles W., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Hydration of ethers. 2,115,874; May 3.  
 Rehmann, August, Berlin-Charlottenburg, Germany. Sandblast nozzle. 2,110,634; Mar. 8.  
 Rehmet, Geo. C., et al. (See Fauboin, Charles A., assignor.)  
 Rehnberg, Axel F., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Roller feed mechanism for roller bearing assembling machines. 2,105,929; Jan. 18.  
 Rehns, Frederick, Springfield, Mass., assignor to The American Metal Company, Limited, New York, N. Y. Treating impure lead and/or tin metal. 2,129,445; Sept. 6.  
 Reiber, Albert H. (See Carr, J. O., and Reiber.)  
 Reiber, Edward W., Miami, Fla. Storm shutter. 2,108,926; Feb. 22.  
 Reiber, Harold G. (See Blount, A. L., and Reiber.)  
 Reich, Gustave T., Philadelphia, Pa. Separation of saccharides. 2,109,503; Mar. 1.  
 Reich, Gustave T., Philadelphia, Pa. Purification of CO<sub>2</sub>. 2,122,586; July 5.  
 Reich, Gustave T., Philadelphia, Pa. Recovery of products of fermentation. 2,126,974; Aug. 16.  
 Reich, Gustave T., Philadelphia, Pa. Simultaneously evaporating and distilling liquids. 2,127,138; Aug. 16.  
 Reich, Gustave T., Philadelphia, Pa. Affination of sugar. 2,130,028; Sept. 13.  
 Reich, Gustave T., Philadelphia, Pa. Recovery of non-sugars from liquid saccharine materials. 2,130,029; Sept. 13.  
 Reich, Samuel, New York, N. Y. Foldable container. 2,117,502; May 17.  
 Reich, Walter A., Kansas City, Mo. Automatic reverse gearing. 2,128,715; Aug. 30.  
 Reichard, Paul E. S., Freeport, Pa. Attachment for headlights. 2,120,188; June 7.  
 Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,105,930; Jan. 18.  
 Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signaling system. 2,106,680; Jan. 25.  
 Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Intermittent inductive train control system. 2,109,154; Feb. 22.  
 Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,122,382; June 28.  
 Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,135,530; Nov. 8.  
 Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Adjustable magnetic core structure. 2,141,554; Dec. 27.  
 Reichard, Wade H., and C. S. Bushnell, assignors to General Railway Signal Company, Rochester, N. Y. Coded continuous inductive train control system. 2,131,752; Oct. 4.  
 Reichart, Russel C. (See Flemming, W. L., and Reichart.)  
 Reichel, Frank H., and A. E. Craver, Fredericksburg, Va., assignors to Sylvania Industrial Corporation. Process and apparatus for drying articles. 2,127,466; Aug. 16.  
 Reichel, Wladimir A., Philadelphia, Pa., assignor to Bendix Aviation Corporation, South Bend, Ind. Making expandable diaphragms. 2,123,381; July 12.  
 Reichel, Wladimir A., Bellerose, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Illuminating means for indicating instruments. 2,132,578; Oct. 11.  
 Reichel, Wladimir A., Bellerose, and M. F. Ketay, Brooklyn, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Centrifugal electric tachometer. 2,127,831; Aug. 23.  
 Reichenbach, Howard F., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Producing parts for lipsticks and the like. 2,108,512; Feb. 15.  
 Reichenstein, Morris W., and R. F. Jolley, Akron, Ohio. Fly tying. 2,120,571; June 14.  
 Reichert, Joseph S., D. J. Campbell, W. S. Hinegardner, and L. R. P. London, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bleaching ester type wax. 2,113,433; Apr. 5.  
 Reichert, Joseph S., and R. W. McAllister, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Milk sterilization. 2,125,398; Aug. 2.  
 Reichert, Joseph S., Metuchen, N. J., and R. W. Peakes, Edgewood Arsenal, Md. Rendering wool unshrinkable. 2,132,345; Oct. 4.  
 Reichert, Robert J., Mount Vernon, N. Y. Optical instrument. 2,135,531; Nov. 8.  
 Reichhold Chemicals. (See Hodgins, Theodore S.)  
 Reichhold Chemicals. (See Hönel, Herbert, assignor.)  
 Reichhold Chemicals. (See Hovey, Almon G., assignor.)  
 Reichhold, Helmuth, Bloomfield Hills, and C. H. B. Jarl, Royal Oak, assignors to Beck, Koller & Company, Inc., Detroit, Mich. Scrubbing vapors containing phthalic anhydride. 2,133,904; Oct. 18.  
 Reichhold, Helmuth. (See Hodgins, Theodore S., assignor.)  
 Reichhold, Helmuth. (See Hönel, Herbert, assignor.)  
 Reichhold, Helmuth. (See Hönel, H., and Zinke, assignors.)  
 Reichhold, Helmuth. (See Hovey, Almon G., assignor.)  
 Reichhold, Helmuth. (See Hovey, A. G., and Hodgins, assignors.)  
 Reichhold, Helmuth. (See Krumbhaar, Wilhelm, assignor.)  
 Reichmann, Reinhold, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Heating device and the like. 2,121,930; June 28.  
 Reichold, Ludwig, assignor to The Winsted Hardware Manufacturing Company, Winsted, Conn. Electric sadoron. 2,119,964; June 7.  
 Reichstein, Tadeus, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 3-keto-D-pentonic acid lactone and the manufacture of same. 2,140,480; Dec. 13.  
 Reid, Arthur A., Dickson City, Pa. Aircraft. 2,122,214; June 28.  
 Reid, Donald, Kingston, Jamaica, British West Indies. Scraping device for containers. 2,124,929; July 26.  
 Reid, Ebenezer E. (See Burrows, L. A., Filbert, and Reid.)  
 Reid, Ebenezer E. (See D'Alelio, G. F., and Reid.)  
 Reid, Ebenezer E., Baltimore, Md., assignor to Hercules Powder Company, Wilmington, Del. Production of succinic acid. 2,141,406; Dec. 27.  
 Reid, Elliott G., Palo Alto, Calif. Internal combustion engine. 2,117,983; May 17.  
 Reid, Ernest W., Brussels, Belgium, assignor to Union Carbide and Carbon Corporation. Laminated glass. 2,120,628; June 14.  
 Reid, Eugene H., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,129,536; Sept. 6.  
 Reid, Frank, Williams, Minn. Intake and mixing device. 2,119,927; June 7.  
 Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Trailer vehicle. 2,116,412; May 3.



- Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Locking device for semitrailers. 2,120,509; June 14.
- Reid, George H., London, England. Gyroscopic aircraft instrument. 2,141,555; Dec. 27.
- Reid, Henry J. E., and R. V. Rhode, Hampton, Va. Air speed acceleration recorder. 2,139,694; Dec. 13.
- Reid, J. W., et al. (See Wright, Elam W., assignor.)
- Reid, James A., and G. H. Short, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbon oils. 2,111,990; Mar. 22.
- Reid, James S. (See Roberts, D., and Reid.)
- Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Cleveland, Ohio. Strip forming apparatus. 2,107,585; Feb. 8.
- Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Cleveland, Ohio. Closure cushioning and sealing means. 2,132,272; Oct. 4.
- Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Cleveland, Ohio. Tacking strip. 2,137,460; Nov. 22.
- Reid, James S., Shaker Heights, Ohio, assignor to Thermoplastics, Inc., St. Clair, Mich. Trim molding and making the same. 2,138,710; Nov. 29.
- Reid, James S., Cleveland, Ohio, assignor to Rubatex Products, Inc., New York, N. Y. Multiwall autoclave. 2,131,753; Oct. 4.
- Reid, John, Oil City, Pa. Supplementary support for the shaft of power-delivery belt-pulleys. 2,134,263; Oct. 25.
- Reid, John D. (See Landon, V. D., and Reid.)
- Reid, John D., Philadelphia, Pa., assignor to Radio Corporation of America. Radio receiving system. 2,116,713; May 10.
- Reid, John D., Philadelphia, Pa., assignor to Radio Corporation of America. Oscillator stabilizing circuit. 2,121,447; June 21.
- Reid, John G., San Jose, Calif., assignor to American Can Company, New York, N. Y. Fluxing device. 2,135,532; Nov. 8.
- Reid, Joseph, Gas Engine Company. (See Kittredge, Ray E., assignor.)
- Reid, Leland E., assignor to M. M. Reid, South Pasadena, Calif. Variable pitch propeller. 2,126,813; Aug. 16.
- Reid, Leslie, et al., administrators. (See Reid, William L.)
- Reid, Marvin J., assignor to Eastman Kodak Company, Rochester, N. Y. Silver recovery. 2,131,072; Sept. 27.
- Reid, Mildred M. (See Reid, Leland E., assignor.)
- Reid, William H., et al., administrators. (See Reid, William L.)
- Reid, William L., deceased, Lima, Ohio; L. and W. H. Reid, administrators of said W. L. Reid. Steam pipe casing. 2,114,811; Apr. 19.
- Reifer, George M., Rochester, assignor to General Motors Corporation, Detroit, Mich. Freight car loading apparatus. 2,122,950; July 5.
- Reifer, George M., Rochester, assignor to General Motors Corporation, Detroit, Mich. Freight car loading apparatus. 2,124,082; July 19.
- Reiff, Orland M., and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Composition of matter and petroleum products and making same. 2,114,812; Apr. 19.
- Reiff, Orland M., and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Aclated condensation products and making them. 2,138,809; Nov. 29.
- Reiffenstein, Manfred, Vienna, Austria. Turbo machine. 2,123,120; July 5.
- Reifsnnyder, James D., assignor to Lily Tulip Cup Corporation, New York, N. Y. Apparatus for applying sealing material to containers. 2,119,720; June 7.
- Reifsnnyder, James D., Flushing, assignor to Lily Tulip Cup Corporation, New York, N. Y. Receptacle-making machine. 2,135,219; Nov. 1.
- Reifsnnyder, James D., assignor to Lily Tulip Cup Corporation, New York, N. Y. Sealed container. 2,141,556; Dec. 27.
- Reiland, Frank D., Chicago, Ill. Support for reinforcing steel. 2,106,576; Jan. 25.
- Reiland, Frank D., Chicago, Ill. Chair for supporting concrete reinforcing rods. 2,134,533; Oct. 25.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Ornamentation. 2,105,265; Jan. 11.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Assembling portions of hollow articles. 2,108,209; Feb. 15.
- Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Enameled plaque and making same. 2,108,444; Feb. 15.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Receptacle. 2,108,445; Feb. 15.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Forming jewelry mountings of the like. 2,109,376; Feb. 22.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Spectacle case. 2,122,724; July 5.
- Reilly, Arthur, Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Varnished paper. 2,139,603; Dec. 6.
- Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Making carbon tetrachloride. 2,110,174 Mar. 8.
- Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Chlorination of ethane. 2,140,547; Dec. 20.
- Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Chlorination of ethylene chloride. 2,140,548; Dec. 20.
- Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Preparation of 1,1,2-Trichloroethane. 2,140,549; Dec. 20.
- Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Chlorination of benzene. 2,140,550; Dec. 20.
- Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Chlorination of acetylene. 2,140,551; Dec. 20.
- Reilly, John L., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,128,321; Aug. 30.
- Reilly, Peter C. (See Derby, I. H., and Cunningham, assignors.)
- Reilly, Peter C. (See Horner, Harold R., assignor.)
- Reilly-Whiteman-Walton Company. (See Whiteman, Daniel, assignor.)
- Reilly, William I., assignor to Tennessee Furniture Corporation, Chattanooga, Tenn. Refrigerator. 2,114,086; Apr. 12.
- Reily, George A., and J. G. Novak, Milwaukee, Wis. Spring shank for shoes. 2,121,261; June 21.
- Reiman, Clarence K. (See Birdseye, C., and Reiman.)
- Reiman, Clarence K., Newton, assignor to R. G. N. Development Corporation, Boston, Mass. Aging distilled alcoholic spirits. 2,132,435; Oct. 11.
- Reiman, Clarence K., Newton, and J. F. Cook, Jr., West Roxbury, Mass., assignors to Birdseye Electric Company. Reflecting electric lamp. 2,121,765; June 21.
- Reimer, William E., assignor of one-half to S. E. Hoh, Forest Park, Ill. Jigsaw. 2,119,353; May 31.
- Reimers, Alfred E. (See Freudenburg, G., and Reimers.)
- Reimschissel, Charles A., assignor to Landis Machine Company, Waynesboro, Pa. Chaser and chaser clamp. Re. 20,930; Nov. 29.
- Reimuller, Caryl L. (See Berry, E. G., and Reimuller.)
- Rein, Hanns. (See von Weinberg, A., Rein, and Eisenhut.)
- Rein, Herbert, Leipzig, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of shaped articles of polymeric acrylic acid nitrile. 2,117,210; May 10.
- Rein, Herbert, Leipzig, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of nitrogen containing derivatives of polymerized vinyl esters of halogen fatty acids. 2,118,713; May 24.
- Rein, Herbert, Leipzig, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of solutions of a polymerized vinyl compound. 2,140,921; Dec. 20.
- Reinartz, Heinrich, Aachen, Germany, assignor of one-half to H. Amfaldern, Vienna, Austria. Production of light-metal flasks with thickened neck parts. 2,130,699; Sept. 20.
- Reinartz, John L., Manchester, Conn., assignor to Radio Corporation of America. Superregenerative receiver. 2,114,030; Apr. 12.
- Reinartz, John L., Manchester, Conn., assignor to Radio Corporation of America. Short-wave antenna. 2,116,734; May 10.
- Reinartz, John L., Manchester, Conn., assignor to Radio Corporation of America. Superregenerative receiver. 2,134,801; Nov. 1.
- Reinartz, John L., Manchester, Conn., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Carrier and modulation indicator. 2,141,668; Dec. 27.
- Reinartz, Robert, Offenbach, near Frankfurt-on-the-Main, assignor, by mesne assignments, to Faber & Schleicher, A. G., Offenbach-on-the-Main, Germany. Sheet feeding mechanism. 2,110,175; Mar. 8.
- Reinboth, Hermann. (See Büchner, A., Neumann and Reinboth.)
- Reindorp, John H. (See Sanders-Dolgoruki, E., and Reindorp.)
- Reinecke, Marshall C., Brooklyn, assignor, by mesne assignments, to Food Devices Incorporated, New York, N. Y. Device for producing aerated expanded food products. 2,120,297; June 14.
- Reinecker, Ernst, Chemnitz, assignor to J. E. Reinecker, Aktien-Gesellschaft, Chemnitz, Saxony, Germany. Teeth generating machine. 2,136,266; Nov. 8.
- Reinecker, J. E., Aktien-Gesellschaft. (See Neubert, Herbert, assignor.)
- Reinecker, J. E., Aktien-Gesellschaft. (See Reinecker, Ernst, assignor.)
- Reinemann, Howard H., Brighton, N. Y. Envelope. 2,120,705; Sept. 13.
- Reinert, Rud. P., Kalispell, Mont. Muff structure. 2,120,189; June 7.
- Reiner, Robert, Incorporated. (See Lambach, Fritz, assignor.)
- Reiner, Robert, Incorporated. (See Rinchart, Arthur, assignor.)
- Reiners, Albert H. (See Seydel, H., and Reiners.)



- Reinforced Paper Bottle Corporation. (See Joplin, William A., assignor.)
- Reinforced Paper Bottle Corporation. (See Mandell, Irving F., assignor.)
- Reinforced Paper Bottle Corporation. (See Rider, Granville S., assignor.)
- Reingruber, Engelbert, Vienna, Austria, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Paper feeding mechanism. 2,107,128; Feb. 1.
- Reinhardt, George D., San Antonio, Tex. Refrigerating cabinet. 2,117,505; May 17.
- Reinhardt, George D., San Antonio, Tex. Refrigerating apparatus. 2,117,506; May 17.
- Reinhart, John B., Jr., Kirkwood, Mo. Duck decoy. 2,134,891; Nov. 1.
- Reinhold, Baldwin. (See Abegg, Walter A., assignor.)
- Reinhold, Charles, assignor to Societe d'Exploitation des Brevets Charles Reinhold, Geneva, Switzerland. Fluid operated apparatus for the delivery of a fluid or semi-fluid material. 2,134,735; Nov. 1.
- Reinholdtsen, Hans, Copenhagen, Denmark. Apparatus for stamping of tickets and the like. 2,104,573; Jan. 4.
- Reintz, Bernard B., assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Sheathing electric cables. 2,138,614; Nov. 29.
- Reintz, George J., Brooklyn, assignor to United Laundry Machinery Corporation, New York, N. Y. Starching machine. 2,126,663; Aug. 9.
- Reinoehl, Harry K. (See Lasley, E. D., Bundy, and Reinoehl.)
- Reinstein, Maurice, deceased, San Francisco; J. L. Jacobs, executor, assignor, by mesne assignments, to Food Machinery Corporation, San Jose, Calif. Pear peeling, coring, and splitting machine. 2,139,695; Dec. 13.
- Reinthal, Arthur J., Cleveland Heights, assignor to The Bamberger-Reinthal Company, Cleveland, Ohio. Knitted fabric and producing same. 2,114,004; Apr. 12.
- Reintjes, George P., Kansas City, Mo. Arch nosing. 2,132,517; Oct. 11.
- Reintrock, Wilhelm, Podsjed, near Zagreb, Yugoslavia, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Rotary drum. 2,130,744; Sept. 20.
- Reinz, Hugo, Berlin-Charlottenburg, Germany. Laminated spring. 2,126,042; Aug. 9.
- Reis, Arthur M., assignor to Robert Reis & Co., New York, N. Y. Man's undergarment. 2,140,459; Dec. 13.
- Reis, Julio, Ludlow, Mass. Door fastening means. 2,137,654; Nov. 22.
- Reis, Raymond J., Louisville, Ky. Antitermite plate. 2,126,664; Aug. 9.
- Reis, Robert, & Co. (See Boysen, John A., assignor.)
- Reis, Robert, & Co. (See Reis, Arthur M., assignor.)
- Reiser, Isidore, New York, N. Y. Saddle for hat presses. 2,128,538; Aug. 30.
- Reiser, Isidore, New York, N. Y. Hat body blocking and stretching machine. 2,131,300; Sept. 27.
- Reishauer-Werkzeuge Aktiengesellschaft. (See Rickenmann, A., and Kreis, assignors.)
- Reising, Eugene G., Hartford, Conn. Firearm. 2,109,578; Mar. 1.
- Reising, Eugene G., Hartford, Conn. Firearm. 2,136,119; Nov. 8.
- Reisinger, Otto, McCandless Township, Allegheny County, Pa. Piston ring construction. 2,119,289; May 31.
- Reisner, W. H., Manufacturing Company, The. (See Lehman, Roscoe E., assignor.)
- Reisner, W. H., Manufacturing Company, The. (See Reisner, William H., assignor.)
- Reisner, William H., assignor to The W. H. Reisner Manufacturing Company, Hagerstown, Md. Electromagnetic control apparatus. 2,115,748; May 3.
- Reiss, David J., Houston, Tex. Pump. 2,132,084; Oct. 4.
- Reissner, Hans, Berlin-Charlottenburg, Germany. Adjustable propeller. 2,140,718; Dec. 20.
- Reitan, Christian S., Brooklyn, N. Y. Child's ski. 2,131,569; Sept. 27.
- Reiter, Bruno, London, England, assignor to Ingenium Aktiengesellschaft, Chur, Switzerland. Method of and blank for making sliders for sliding-clasp fasteners. 2,140,764; Dec. 20.
- Reiter, Daniel I., New York, N. Y. Bag-strap fastener. 2,112,707; Mar. 29.
- Reiter, Daniel I., New York, N. Y. Snap fastener socket. 2,125,125; July 26.
- Reiter, Daniel I., New York, N. Y. Upholstery pin. 2,127,234; Aug. 16.
- Reiter, Daniel I., New York, N. Y. Slide buckle. 2,129,872; Sept. 13.
- Reiter, Daniel I., New York, N. Y. Connector for handle straps. 2,140,333; Dec. 13.
- Reiter, Hymin, New York, N. Y. Suspenders. 2,109,343; Feb. 22.
- Reiter, Otis F., assignor to Fastpic Corporation, Baltimore, Md. Stone-picking machine. 2,141,557; Dec. 27.
- Reitherman, Ralph W., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Lighting neon tubes. 2,136,924; Nov. 15.
- Reitz, Heinrich, Bitterfeld, E. Hengler, and A. Büttinghaus, Wetzlar, Germany. Corrosion-resistant and cold workable molybdenum steel. 2,110,891; Mar. 15.
- Reitzes, Herbert L., Philadelphia, Pa. Sealing means. 2,133,716; Oct. 18.
- Rejeb, Nouri, et al. (See Kadri, Vassaf, assignor.)
- Rekuperator G. m. b. H. (See Schack, Alfred, assignor.)
- Reliable Electric Company, The. (See Buehring, William J., assignor.)
- Reliable Electric Co. (See Fotsch, William G., assignor.)
- Reliable Electric Company. (See Johnson, Ewald E., assignor.)
- Reliable Knitting Works. (See Rosenberg, Samuel, assignor.)
- Reliable Machine Screw Sales Co. (See Robinson, Herbert M., assignor.)
- Reliance Electric and Engineering Company. (See Harrell, Fred E., assignor.)
- Reliance Manufacturing Company. (See Tolen, E. V., and Harbtreit, assignors.)
- Reliance Steel Products Company. (See McAfoos, Lawrence R., assignor.)
- Relistab, Ludwig. (See Fischer, F., and Relistab.)
- Remalinsky, Louis, assignor of one-half to K. Shively, Ridgewood, N. J. Sanitary and cleansing comb. 2,122,699; July 5.
- Rembert, Ernest W., Plainfield, N. J. Making granular material. 2,107,215; Feb. 1.
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 2,106,063; Jan. 18.
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Transporting equipment. 2,120,042; June 7.
- Remensnyder, John P., Metuchen, N. J. Fungicide. 2,110,943; Mar. 15.
- Remick, Lawrence E. (See James, E. F., and Remick.)
- Remington Arms Company. (See Brün, Willi, assignor.)
- Remington Arms Company. (See Brun, W., and Burns, assignors.)
- Remington Arms Company. (See Corson, Michael G., assignor.)
- Remington Arms Company. (See Dicke, Allen A., assignor.)
- Remington Arms Company. (See Johnsen, Aksel, assignor.)
- Remington Arms Company. (See Loomis, Crawford C., assignor.)
- Remington Arms Company. (See Whipple, Ernest G., assignor.)
- Remington, Leonard F., assignor to Thompson-National Press Co., Franklin, Mass. Impression control for cutting and creasing presses. 2,104,527; Jan. 4.
- Remington Rand Inc. (See Braun, Karl J., assignor.)
- Remington Rand Inc. (See Dreher, Elmer H., assignor.)
- Remington Rand, Inc. (See Goings, George R., assignor.)
- Remington Rand Inc. (See Hart, Frederick A., assignor.)
- Remington Rand Inc. (See Hart, F. W., and McGary, assignors.)
- Remington Rand Inc. (See Jackson, Arthur R., assignor.)
- Remington Rand Inc. (See Karlen, Louis W., assignor.)
- Remington Rand Inc. (See Keefe, Lincoln M., assignor.)
- Remington Rand Inc. (See Landsiedel, Harry, assignor.)
- Remington Rand Inc. (See Landsiedel, Walter W., assignor.)
- Remington Rand Inc. (See Lasker, William W., assignor.)
- Remington Rand Inc. (See Lasker, W. W., and Ruiz, assignor.)
- Remington Rand Inc. (See Mehan, Thomas O., assignor.)
- Remington Rand Inc. (See Mixer, Harold P., assignor.)
- Remington Rand Inc. (See Roggenstein, Edwin, assignor.)
- Remington Rand Inc. (See Schmid, Hans, assignor.)
- Remington Rand Inc. (See Schremp, Frederick W., assignor.)
- Remington Rand Inc. (See Watkins, George E., assignor.)
- Remington Rand Inc. (See Williamson, Alexander C., assignor.)
- Remington Rand Inc. (See Wolters, Carl F., assignor.)
- Remington Rand Inc. (See Zaengle, George J., assignor.)
- Remmers, Walter E., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Hard magnetic steel and making such steel. 2,111,005; Mar. 15.
- Rémond, Léon E., Paris, France. Percussion fuse for projectiles. 2,137,983; Nov. 22.
- Remscheid, Emil J., Scotia, N. Y., assignor to General Electric Company. Insulating and sealing means for evacuated devices. 2,134,578; Oct. 25.
- Renaud, Constant, Mont-sur-Marchienne, assignor to Ateliers de Constructions Electriques de Charleroi, Brussels, Belgium. Shaft coupling. 2,114,570; Apr. 19.
- Renault, Louis. (See Salves, Léon, assignor.)
- Renaus, Eugène P., Paris, France. Suspension for vehicles. 2,114,571; Apr. 19.
- Renaus, Eugène P., Paris, and L. J. Renaux, Gargan-Livry, France. Engine mount. 2,123,578; July 12.
- Renaus, Lucien J. (See Renaux, E. P. and L. J.)
- Rechtite Spring Nut Company. (See Bergstrom, William A., assignor.)
- Renck, Carl, and H. H. H., Hamburg, Germany. Manufacturing chemical picture carriers. 2,120,416; June 14.
- Renck, Hans H. H. (See Renck, Carl, and H. H. H.)



- Rendall, William S., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method of and apparatus for proportioning and blending glass batch materials and the like. 2,105,266; Jan. 11.
- Rendell, Leslie P. (See Carter, D., Cuthbert-Smith, Jackson, Rendell, and Thomas.)
- Renette Company. (See Blettner, George H., assignor.)
- Renfer, John E., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Drilling rig. 2,135,769; Nov. 8.
- Renfrew, Archibald, Norton-on-Tees, England, assignor to Imperial Chemical Industries, Limited. Plastic materials. 2,104,760; Jan. 11.
- Renholdt, John E. (See Beard, T. H., Renholdt, and Merriett.)
- Renholdt, John E., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Pad holding device. 2,135,470; Nov. 1.
- Renholdt, John T., Bridgeport, Conn. Lamp. 2,125,358; Aug. 2.
- Renkin, Robert F. (See Roemer, H. A., and Renkin.)
- Renne, George D., Hicksville, N. Y. Oil burning griddle. 2,112,708; Mar. 29.
- Renner, Frank J., Joliet, Ill. Specific gravity compensating float for liquid level indicators. 2,110,490; Mar. 8.
- Renner, Hans H., Frankfurt-on-the-Main, Germany. Controlling the voltage of discharge devices. 2,128,562; Aug. 30.
- Renold and Coventry Chain Company Limited, The. (See Byrom, John K., assignor.)
- Renshaw, Alfred P. B., Kingston Hill, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control system. 2,105,443; Jan. 11.
- Renshaw, Alfred P. B., Kingston Hill, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control signal. 2,135,471; Nov. 1.
- Renshaw, Alfred P. B., Kingston Hill, and T. P. Preist, Roby, near Liverpool, assignors, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control system. 2,135,472; Nov. 1.
- Renshaw, Arnold. (See Dyson, G. M., and Renshaw.)
- Renshaw, Everett L. (See Gearhart, R. E., and Renshaw.)
- Renshaw, Percy B., Liverpool, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control signal. 2,129,446; Sept. 6.
- Renshaw, Percy B., Liverpool, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control signal. 2,136,955; Nov. 15.
- Renshaw, Raemer R., New York, and E. T. Tisza, Yonkers, assignors to Pyridium Corporation, Nepara Park, N. Y. Medicinal azo dyes. 2,135,293; Nov. 1.
- Ronselaer Valve Company. (See Rowe, E. L., and Rutledge, assignors.)
- Renstrom, Carl W., Omaha, Nebr. Hair curler. 2,118,737; May 24.
- Rentler, Joseph, Columbus, Ohio. Strip mounting device for windows. 2,126,043; Aug. 9.
- Rentmeesters, Pierre J., Brussels, Belgium. Photographic apparatus. 2,106,659; Jan. 25.
- Rentschler, Harvey C., East Orange, and D. E. Henry, Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Metal vapor lamp. 2,110,609; Mar. 8.
- Rentz, Frank B., Wells, Minn., assignor of one-half to W. E. Fantie, La Crosse, Wis. Portable self-contained cooling apparatus. 2,108,320; Feb. 15.
- Rentz, Frank B., Wells, Minn. Air conditioning device. 2,134,802; Nov. 1.
- Renz, Edward, assignor to Hammel, Riglander & Co., Inc., New York, N. Y. Friction jewel setting device. 2,116,213; May 3.
- Renz, Jany, assignor to the firm Chemical Works, formerly Sandoz, Basel, Switzerland. Manufacture of K-strophanthine-B. 2,129,285; Sept. 6.
- Reo Motor Car Company. (See Olson, Herbert E., assignor.)
- Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Electrical attachment for floor tools or nozzles of air-method cleaners. 2,120,260; June 14.
- Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio, trustee. Pneumatic cleaner. 2,123,912; July 19.
- Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio, trustee. Dust collecting device for pneumatic cleaners. 2,123,913; July 19.
- Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio, trustee. Pneumatic cleaner. 2,123,914; July 19.
- Replogle, George W. (See Huffman, W. E., and Replogle.)
- Replogle, Harry H. (See Wade, W., and Replogle.)
- Replogle, Harry H., Scarsdale, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Process and article produced thereby. 2,137,701; Nov. 22.
- Reppe, Walter, and F. Nicolai, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of organic sulphur compounds. 2,105,845; Jan. 18.
- Reppe, Walter, F. Hoelscher, and A. Schneevogt, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff printing paste. 2,108,994; Feb. 22.
- Reppe, Walter, Ludwigshafen-on-the-Rhine, W. Starck, Hofheim (Taunus), and A. Voss, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mixed polymerization products. 2,118,863; May 31.
- Reppe, Walter, Ludwigshafen-on-the-Rhine, W. Starck, Hofheim (Taunus), and A. Voss, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Polymerization products from vinyl esters. 2,118,864; May 31.
- Reppe, Walter, Ludwigshafen-on-the-Rhine, W. Starck, Hofheim (Taunus), and A. Voss, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mixed polymerization products. 2,118,945; May 31.
- Reppe, Walter, Ludwigshafen-on-the-Rhine, W. Starck, Hofheim (Taunus), and A. Voss, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mixed polymerization products. 2,118,946; May 31.
- Reppe, Walter, and H. Uffer, Ludwigshafen-on-the-Rhine, and E. Kuehn, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of polymerization products from thiovinyl ethers. 2,125,649; Aug. 2.
- Repekus, Walter, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Recovery of valuable by-products during the production of gas and coke. 2,116,641; May 10.
- Reppert, Richard v. Teaneck, N. J., assignor to Bunnell Laboratory Company, Incorporated, Locust Valley, N. Y. Typewriting machine. 2,127,530; Aug. 23.
- Republic Brass Company, The. (See Nystrom, Gunnar B., assignor.)
- Republic Flow Meters Company. (See Cunningham, James D., assignor.)
- Republic Flow Meters Company. (See Engel, F. V. A. E., and Hancock, assignors.)
- Republic Flow Meters Company. (See Grisdale, George W., assignor.)
- Republic Flow Meters Company. (See Handwerk, Otto T., assignor.)
- Republic Flow Meters Company. (See McConkey, Montgomery W., assignor.)
- Republic Flow Meters Company. (See O'Connor, George K., assignor.)
- Republic Flow Meters Company. (See Spitzglass, Albert F., assignor.)
- Republic Flow Meters Company. (See Spitzglass, A. F., and Grisdale, assignors.)
- Republic Flow Meters Company. (See Wey, Raymond J., assignor.)
- Republic Steel Corporation. (See Burke, Earl I., assignor.)
- Republic Steel Corporation. (See Delany, Albanus G., assignor.)
- Republic Steel Corporation, The. (See Horn, Ralph B., assignor.)
- Republic Steel Corporation. (See Morgan, Malcolm E., assignor.)
- Republic Steel Corporation. (See Newpher, Charles F., assignor.)
- Republic Steel Corp., The. (See Sloan, Thomas N., assignor.)
- Republic Steel Corporation. (See Smith, E. C., and Motok, assignors.)
- Republic Steel Corporation. (See Thomas, David W., assignor.)
- Republic Supply Company. (See Humphrey, George T., assignor.)
- Rerick, George I., St. Petersburg, Fla. System for concrete constructions. 2,122,181; June 28.
- Research Corporation. (See Brackett, Frederick S., assignor.)
- Research Corporation. (See Buchman, Edwin R., assignor.)
- Research Corporation. (See Bush, Vannavar, assignor.)
- Research Corporation. (See Cottrell, Frederick G., assignor.)
- Research Corporation. (See Engelman, Herman C., assignor.)
- Research Corporation. (See Meston, Archibald F., assignor.)
- Research Corporation. (See Milan, N. A., and Walsh, assignors.)
- Research Corporation. (See Milan, N. A., and Walsh, assignors.)
- Research Corporation. (See Scott, Lloyd N., assignor.)
- Research Corporation. (See Sherwood, T. K., and Garono, assignors.)
- Research Corporation. (See Single, Edgar A., assignor.)
- Research Corporation. (See Williams, Robert R., assignor.)
- Research Laboratories of National Dairy Products Corporation. (See Hotchman, Herman C., assignor.)
- Research Products Corporation. (See Daley, Joseph J., assignor.)



- Resilient Products Corporation. (See Stedman, Theodore W., assignor.)
- Resinous Products & Chemical Company, The. (See Cserny, Ludwig, assignor.)
- Resinous Products & Chemical Company, The. (See Schmitz, Josef, assignor.)
- Resinox Corporation. (See Irey, K. M., and Debing, assignors.)
- Resistelite Corporation. (See Plensler, Alexander W., assignor.)
- Respass, Roland B., Wickford, R. I. Hangar. 2,126,413; Aug. 9.
- Respro, Inc. (See Nanfeldt, Ernest, assignor.)
- Ressler, Hugh C., assignor to Radio Inventions, Inc., New York, N. Y. Cathode ray tube system. 2,114,572; Apr. 19.
- Ressler, Ivan L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Weed killing process. 2,110,842; Mar. 8.
- Ressler, Ralph E., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,106,810; Feb. 1.
- Ressler, William E. (See Heitzman, Richard J., assignor.)
- Rest, James, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Method and apparatus for making containers. 2,126,814; Aug. 16.
- Rest, James, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Closure for bottles, collapsible tubes, and like containers. 2,127,489; Aug. 16.
- Rest, James, Streatham, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Container for flowable material. 2,126,815; Aug. 16.
- Rest, James, Streatham, London, England, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Container for flowable material. 2,127,308; Aug. 16.
- Restwell Products, Incorporated. (See Lankton, Robert E., assignor.)
- Retailian, Edmund R. P. E., and J. B. Wyman, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif. Refining of mineral oils. 2,126,503; Aug. 9.
- Retter, Walther, Cologne-Deutz, O. Wahl, Leverkusen-I. G. Werk, and W. Müller, Cologne, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Color lakes. 2,140,248; Dec. 13.
- Reukauf, Edward, Jr., assignor to Carey-McFall Co., Philadelphia, Pa. Rope sheave for Venetian blinds. 2,124,470; July 19.
- Reusch, Hans, Pforzheim, Germany. Multiple lead pencil. 2,135,845; Nov. 8.
- Reuss, Werner. (See Hentrich, W., and Reuss.)
- Reuter, Francis J., assignor to M. M. Reuter, Washington, D. C. Wind pressure indicator. 2,113,528; Apr. 5.
- Reuter, Marguerite M. (See Reuter, Francis J., assignor.)
- Reuter, Martin. (See Greune, H., Sturm, and Reuter.)
- Reuter, Raymond, Medford Lakes, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,134,736; Nov. 1.
- Reuther, John. (See Lewis, R. B., and Reuther.)
- Reutter, Jean L., Paris, France. Thermal motor for re-winding clocks or like apparatus. 2,117,211; May 10.
- Reutter, Jean-Léon, Paris, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret (Seine), France. Hysteresis compensated pressure measuring device. 2,140,765; Dec. 20.
- Revelation Patents Holding Company. (See Aceves, Julius G., assignor.)
- Revere Copper and Brass Incorporated. (See Bunn, Edward S., assignor.)
- Revere Copper and Brass Incorporated. (See Hohl, Russell L., assignor.)
- Reverman, George H., Miami, Fla. Display device. 2,104,951; Jan. 11.
- Revertex Limited. (See Benzing, E., and Jaenicke, assignors.)
- Revertex, Ltd. (See von Schweinitz, Hans D. G., assignor.)
- Revertex Limited. (See Schweitzer, Otto Eduard, assignor.)
- Rex-Watson Corporation. (See Imhofe, Robert H., assignor.)
- Rexroad, Schuyler O., Camden-on-Gauley, W. Va., assignor to Scovill Manufacturing Company, Brooklyn, N. Y. Valve stem and valve. 2,119,687; June 7.
- Rey, Emile J. F., Roanne, assignor to Papeteries Navarre, Lyon, France. Sorting machine. 2,138,645; Nov. 29.
- Rey, Fernand. (See Edwards, Charles K., assignor.)
- Rey, Henri D., Papeete, Tahiti, assignor to The Anglo California National Bank of San Francisco, trustee, San Francisco, Calif. Preparing pineapple. 2,124,895; July 26.
- Rey, Henri D., Papeete, Tahiti, assignor to The Anglo California National Bank of San Francisco, trustee, San Francisco, Calif. Dried drupaceous fruit treatment. 2,124,896; July 26.
- Rey, Henri D., Papeete, Tahiti, assignor to The Anglo California National Bank of San Francisco, trustee, San Francisco, Calif. Dried fruit process and product. 2,139,915; Dec. 13.
- Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc. Chain with reinforced links. 2,110,474; Mar. 8.
- Reyerson, Lloyd H., St. Paul, Minn. Treating animal fat. 2,107,505; Feb. 8.
- Reymer & Brothers, Inc., et al. (See Hartman, Thomas L., assignor.)
- Reynolds, Alger P., North Beverly, assignor to Spaulding-Moss Company, Boston, Mass. Sensitized blue print paper and coating therefor. 2,126,504; Aug. 9.
- Reynolds, Anita S. (See Reynolds, John N. and A. S.)
- Reynolds Appliances Corporation. (See Thorn, Robert J., assignor.)
- Reynolds, Charles E., Watertown, assignor to Cambridge Rubber Co., Cambridge, Mass. Shoe stiffener. 2,127,783; Aug. 23.
- Reynolds, Charles H., Malden, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Oil filled cable. 2,113,746; Apr. 12.
- Reynolds, Charles H., Malden, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Contact member for electrical connections. 2,125,816; Aug. 2.
- Reynolds Corporation. (See Coddington, Edwin D., assignor.)
- Reynolds, Dutton C., assignor to Holly-Pax, Inc., Los Angeles, Calif. Tampon and making it. 2,134,930; Nov. 1.
- Reynolds, Ellwood W. (See Loomis, F. J., and Reynolds.)
- Reynolds, Francis B., Bronxville, assignor to Columbia Mills, Inc., New York, N. Y. Wrapping Venetian blinds. 2,120,593; June 14.
- Reynolds, Frank P., assignor to Bird & Son, Inc., East Walpole, Mass. Roofing. 2,128,191; Aug. 23.
- Reynolds, Frederick L., Mill Valley, and L. Markel, assignors, by mesne assignments, to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad for permanent hair waving. 2,133,115; Oct. 11.
- Reynolds Gas Regulator Co. (See Hughes, Ralph C., assignor.)
- Reynolds, Harold C., and F. A. Jimerson, Athens, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Governor. 2,114,813; Apr. 19.
- Reynolds, Harold L. (See Epstein, A. K., Reynolds, and Hartley.)
- Reynolds, Herbert E., and W. Alexander, assignors to Dobbie McInnes Limited, Glasgow, Scotland. U-tube gauge. 2,118,229; May 24.
- Reynolds, John N. (See Carpenter, W. W., and Reynolds.)
- Reynolds, John N. and A. S., Princeton, N. J. Recording mechanism. 2,111,902; Mar. 22.
- Reynolds, Joseph H., et al. (See Beckler, Oakley K., assignor.)
- Reynolds, Lloyd H. V., New York, N. Y. Heater for railway switches. 2,122,154; June 28.
- Reynolds, Lula E., et al., executors. (See Reynolds, Marvin C.)
- Reynolds, Lulu E., et al., executors. (See Reynolds, M. C., Harris, and Epstein.)
- Reynolds, Marvin C., Chicago, Ill. Egg treating method. 2,110,384; Mar. 8.
- Reynolds, Marvin C., deceased; The First National Bank of Chicago and L. E. Reynolds, executors, assignors to The Emulsol Corporation, Chicago, Ill. Treatment of egg material. 2,139,696; Dec. 13.
- Reynolds, Marvin C., Chicago, Ill., B. R. Harris, and A. K. Epstein; L. E. Reynolds and First National Bank of Chicago, executors of said M. C. Reynolds, deceased, assignors to The Procter and Gamble Company, Cincinnati, Ohio. Food material and making same. 2,132,436; Oct. 11.
- Reynolds, Maynard S. (See Bray, U. B., and Reynolds.)
- Reynolds Metals Company. (See Broderick Frank W., assignor.)
- Reynolds Metals Company. (See Cage, James, assignor)
- Reynolds Metals Company. (See Huflage, Carl W., assignor.)
- Reynolds Metals Company. (See Payne, F. S., and Broderick, assignors.)
- Reynolds Metals Company. (See Regan, John E., assignor.)
- Reynolds Metals Company. (See Sunderhauf, Frederick A., assignor.)
- Reynolds Metals Company. (See Whitfield, M. G., and Sheshunoff, assignors.)
- Reynolds, Michael, Ottumwa, Iowa. Control for automatic air brake apparatus. Re. 20,612; Jan. 4.
- Reynolds, Michael, Ottumwa, Iowa. Control for automatic air brake apparatus. 2,104,392; Jan. 4.
- Reynolds, Noble D., Denver, Colo. Device for keeping windshields clear. 2,112,709; Mar. 29.
- Reynolds, Noel S., assignor to J. J. Hagen, St. Louis, Mo. Braking mechanism. 2,140,597; Dec. 20.
- Reynolds, R. J., Tobacco Company. (See Hyatt, Robert J., assignor.)
- Reynolds, Reginald J. W. (See Lawrie, L. G., Reynolds, and Piggott.)
- Reynolds, Richard S., San Jose, Calif., assignor of one-half to J. & A. Sales Co. Valve mechanism for internal combustion engines. 2,129,024; Sept. 6.
- Reynolds Spring Company. (See Beatty, George R., assignor.)
- Reynolds Spring Company. (See Sherman, J. D., Reed, and Currie, assignors.)
- Reynolds, Wilfred, and Frank Bonser, Hucknall, assignors to Interlock Patents Limited, Nottingham, England. Knitted fabric and in the method of producing same. 2,127,139; Aug. 16.
- Reynolds Wire Co. (See Thompson, Herbert L., assignor.)



- Reyrolle, A., & Company Limited. (See Leeson, B. H., and Wild, assignors.)
- Reyrolle, A., & Company Limited. (See Leyburn, Henry, assignor.)
- Reyrolle, A., & Company Limited. (See Leyburn, H., and Lackey, assignors.)
- Reyrolle & Company. (See Clothier, Henry W., assignor.)
- Reznor, George F., Mercer, Pa. Signaling device. 2,141,844; Dec. 27.
- Rezos, George, Inverness, Calif., assignor to American Telephone and Telegraph Company. Radio receiving system. 2,137,349; Nov. 22.
- Rhea, Thomas R., Pittsburgh, Pa., assignor to General Electric Company. Control system. 2,110,716; Mar. 8.
- Rheaume, Pierre Z., et al. (See Leuchter, Nicolas, assignor.)
- Rhed, Floyd M., Canton, assignor to The Hoover Company, North Canton, Ohio. Demonstration accessory for suction cleaners. 2,112,304; Mar. 29.
- Rheem Manufacturing Company. (See Rheem, Richard S., assignor.)
- Rheem, Richard S., Oakland, Calif., assignor to Rheem Manufacturing Company. Closing and reinforcing ring unit. 2,108,944; Feb. 22.
- Rhees, William B., Wanette, assignor to Sinclair Prairie Oil Company, Tulsa, Okla. Stuffing box. 2,111,733; Mar. 22.
- Rhein, Lloyd R., Pleasant Ridge, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Glare shield. 2,137,461; Nov. 22.
- Rhein, Lloyd R., Pleasant Ridge, and F. A. Cooley, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Hood latch. 2,135,625; Nov. 8.
- Rheinische Kampfer-Fabrik G. m. b. H. (See Schöllkopf, Karl, assignor.)
- Rheinische Metallwaren-und Maschinenfabrik. (See Kottmann, August, assignor.)
- Rheinische Metallwaren-und Maschinenfabrik. (See Krum, Alfred, assignor.)
- Rheinmetall-Borsig Aktiengesellschaft. (See Engel, G., and Winter, assignors.)
- Rheinmetall-Borsig Aktiengesellschaft. (See Figge, Wilhelm, assignor.)
- Rheinmetall-Borsig Aktiengesellschaft. (See Geissen, Carl, assignor.)
- Rheinmetall-Borsig Aktiengesellschaft. (See Stange, Louis, assignor.)
- Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel, et al. (See Clar, Friedrich K., assignor.)
- Rheinmetall-Borsig Aktiengesellschaft/werk Borsig Berlin-Tegel. (See Clar, F. K., assignor, and Geissen.)
- Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel. (See Süß, Heinrich, assignor.)
- Rheutan, Isaac L., Richmond, Va. Feeding mechanism for printing presses. 2,125,199; July 26.
- Rhinehalt, Hoy E., Paulding, Ohio. Inkstand. 2,140,057; Dec. 13.
- Rhoads, Frank O., Seattle, Wash. Rotary tube closure. 2,120,510; June 14.
- Rhoads, William L., Sr. (See Greene, M. L., and Rhoads.)
- Rhode, Richard V. (See Reid, H. J. E., and Rhode.)
- Rhodes, Cecil. (See Woodland, C. R., and Rhodes.)
- Rhodes, George F., Alexandria, Va. Sand blasting process. 2,114,573; Apr. 19.
- Rhodes, Harold A., Bloomfield, N. J., assignor to American Telephone and Telegraph Company. Telegraph testing set. 2,140,680; Dec. 20.
- Rhodes, James H., & Company. (See Niemann, Raymond E., assignor.)
- Rhodes, Lane, et al. (See Christiansen, Frederick A., assignor.)
- Rhodes, Lane, et al. (See Hecht, Clinton J., assignor.)
- Rhodes, Russell I., North Attleboro, assignor to The Mason Box Company, Attleboro Falls, Mass. Making cardboard articles. 2,107,085; Feb. 1.
- Rhodes, Russell I., North Attleboro, assignor to The Mason Box Company, Attleboro Falls, Mass. Container and method of making. 2,131,389; Sept. 27.
- Rhorer, Virginia W., Des Moines, Iowa. Elbow pad. 2,140,598; Dec. 20.
- Rialdini, Cominardo, Philadelphia, Pa. Oil burning furnace. 2,136,317; Nov. 8.
- Riatiel, Manlio M., Turin, Italy, assignor to Cela Holding S. A., Paris, France. Process and product for obtaining rapid coagulation of rubber. 2,120,572; June 14.
- Ribble, Harry W., assignor to Premier-Palst Corporation, Milwaukee, Wis. Tapping apparatus. 2,120,001; June 7.
- Ribble, Harry W., Niles Center, Ill., assignor, by mesne assignments, to Rapids Equipment Co. Inc., Cedar Rapids, Iowa. Dispensing faucet. 2,131,785; Oct. 4.
- Ribble, Harry W., Niles Center, Ill., assignor, by mesne assignments, to Rapids Equipment Co. Inc., Cedar Rapids, Iowa. Tapping apparatus. 2,134,205; Oct. 25.
- Ribbon Mills Corporation, The. (See Flatto, George, assignor.)
- Riberdy, William L. Pull cord attaching device. 2,100,051; Feb. 22.
- Riblet, Robert M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Automotive axle construction. 2,140,190; Dec. 13.
- Ricardo, Harry R., London, England. Combustion chamber of internal combustion engine of the compression ignition type. 2,106,124; Jan. 18.
- Ricardo, Harry R., London, England. Internal combustion engines employing liquid fuel injection and compression ignition. 2,112,787; Mar. 29.
- Ricardo, Harry R., London, England. Internal combustion engine of the liquid fuel injection compression ignition type. 2,113,711; Apr. 12.
- Ricardo, Harry R., London, England. Combustion chamber of internal combustion engines of the compression ignition type. 2,120,768; June 14.
- Ricardo, Harry R., London, England. Two-stroke internal combustion engine. 2,121,409; June 21.
- Riccelli, Joseph A., Somerville, Mass. Window sash fastener. 2,120,788; June 14.
- Ricchiardi, Pier C., Paris, France. Method and device for recording sound. 2,124,150; July 19.
- Ricci, Leo. (See Farner, L., and Ricci.)
- Rice, Edgar U. (See Johnson, F. V., and Rice.)
- Rice, Frank E., Detroit, Mich. Pouring spout for cans. 2,129,784; Sept. 13.
- Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap construction. 2,107,164; Feb. 1.
- Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap construction. 2,107,165; Feb. 1.
- Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap construction. 2,128,473; Aug. 30.
- Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap. 2,128,474; Aug. 30.
- Rice, Fred A., Joliet, Ill. Perforating pencil. 2,118,230; May 24.
- Rice, Harold D., Barrington, R. I., assignor to United States Rubber Products, Inc., New York, N. Y. Laminated article. 2,112,544; Mar. 29.
- Rice, Harvey R. (See Peskin, L. C., and Rice.)
- Rice, Jerome B., Seed Co. (See Abrams, Horace M., assignor.)
- Rice, John A., Berkeley, Calif., assignor to The Bubblestone Company, Pittsburgh, Pa. Apparatus for producing cellular concrete. 2,123,804; July 12.
- Rice, John H., assignor to Leighton Machine Company, Manchester, N. H. Circular knitting machine for drop-stitch work. 2,132,046; Oct. 4.
- Rice, Lewis A., assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Tire fastening for kilns and the like. 2,132,321; Oct. 4.
- Rice, Orville D., assignor to Rust Furnace Company, Pittsburgh, Pa. Furnace. 2,137,856; Nov. 22.
- Rice, Owen R., assignor to Freyn Engineering Company, Chicago, Ill. Gas cleaner. 2,135,201; Nov. 1.
- Rice, Paul E., Lincoln, Neb. Air conditioner for motor vehicles. 2,108,391; Feb. 15.
- Rice, Trew & Rice Co. Inc. (See Trew, James W., assignor.)
- Rice, Virginia M., Monticello, Ind. Mannequin. 2,108,927; Feb. 22.
- Rich, Charles A., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Feed mechanism for screw and similar machines. 2,120,842; June 14.
- Rich, Charles A., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Belt shifting apparatus. 2,132,880; Oct. 11.
- Rich, James, Jr., South Barre, Mass. Cigarette holder. 2,138,983; Dec. 6.
- Rich, Jack V., Chicago, Ill. Draftsman's instrument. 2,104,354; Jan. 4.
- Rich, John A., Prairie du Sac, Wis. Berry and fruit picking apparatus. 2,131,672; Sept. 27.
- Rich, Joseph H., Amherst, Mass. Pruning tool. 2,141,224; Dec. 27.
- Rich, Mortimer, et al. (See Davidson, Ashley A., assignor.)
- Rich, Solomon, Glen Ridge, N. J. Keyboard cam actuating roll for typesetting machines. 2,106,225; Jan. 25.
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Load indicator for three-phase generators. 2,106,064; Jan. 18.
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Thermal current-responsive device. 2,112,047; Mar. 22.
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Ampere-squared-hour meter. 2,129,537; Sept. 6.
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Frequency meter. 2,133,150; Oct. 11.
- Richa, John H., Kansas City, Mo. Apparatus for erecting the nap of a fabric. 2,119,057; May 31.
- Richard, Allen H., Bloomsbury, assignor to Ingersoll-Rand Company, Jersey City, N. J. Flow stabilizing device. 2,112,575; Mar. 29.
- Richard, Charles D., West New Brighton, Staten Island, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,133,475; Oct. 18.
- Richard, Clare, Los Angeles, and H. M. Ruth, Huntington Park, Calif., assignors to The Pyrate Corporation of Nevada. Apparatus for cleaning tanks and the like. 2,116,935; May 10.
- Richard, Clement C., Bloomfield Hills, assignor, by mesne assignments, to Allied Products Corporation, Detroit, Mich. Automatic progressive die for stud, bolt, and screw blanks. 2,132,241; Oct. 4.
- Richard, Francis R., Marshall, Tex. Automatic safety firing valve. 2,112,410; Mar. 29.
- Richard, Henri A., Troyes, France. System for heating by hot water circulation. 2,111,991; Mar. 22.



- Richards, Albert, Gladstone, Oreg. Paper machine. 2,131,754; Oct. 4.
- Richards, Boggs & King, Inc. (See Richards, Harvey B., assignor.)
- Richards, Charles H., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,119,290; May 31.
- Richards Chemical Works, Incorporated, The. (See Kaplan, Philip, assignor.)
- Richards, Francis H., Inc. (See Atti, Raphael, assignor.)
- Richards, Frank G., assignor to John B. Stetson Company, Philadelphia, Pa. Crown and brim protector. 2,141,017; Dec. 20.
- Richards, George H., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Preparation of compounds of the benzidine series. 2,120,811; June 14.
- Richards, Gerald R. (See Ekert, E. E., and Richards.)
- Richards, Harold S., South Portland, Maine. Baked peanuts and method of preparation. 2,128,850; Aug. 30.
- Richards, Harry. (See Curran, Edward N., assignor.)
- Richards, Harry A. (See Varley, Richard, assignor.)
- Richards, Harry C., North Arlington, N. J., assignor to Fosgood Corporation, Leominster, Mass. Interconvertible goggle and eyeshade. 2,132,346; Oct. 4.
- Richards, Harry W., New York, N. Y. Train signaling system. 2,118,476; May 24.
- Richards, Harvey B., Lake Bluff, assignor, by mesne assignments, to Richards, Boggs & King, Inc., Chicago, Ill. Sheet formed article. 2,136,889; Nov. 15.
- Richards, Horace. (See Statham, N., and Richards.)
- Richards, Idris J., Pittsburgh, Pa. Mowing machine. 2,124,632; July 26.
- Richards, John C. N., Lincoln, Nebr. Musical instrument. 2,130,251; Sept. 13.
- Richards, Samuel H., Harpenden, England. Wire drawing machine. 2,138,327; Nov. 29.
- Richards, Thomas H., Coconut Grove, Miami, Fla. Direction signal for automobiles. 2,139,420; Dec. 6.
- Richards, Thomas S. J., Glendale, Calif., assignor to Don Baxter, Inc. Vacuum seal indicator. 2,126,212; Aug. 9.
- Richardson, Albert S. (See Coith, H. S., Richardson, and Votaw.)
- Richardson, Albert S., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Composition of fatty matter and stabilizing same. 2,104,242; Jan. 4.
- Richardson, Albert S., and E. W. Eckey, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Preparing edible fat. 2,132,437; Oct. 11.
- Richardson, Albert S., H. S. Coith, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Preparing yeast raised doughs. 2,132,700; Oct. 11.
- Richardson, Albert S., H. S. Coith, and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Shortening and method of baking therewith. 2,132,701; Oct. 11.
- Richardson, Annie, Hollywood, Calif. Orthodontia bracket. 2,125,587; Aug. 2.
- Richardson, Arnold C., Kansas City, Mo. Power take-off. 2,117,503; May 17.
- Richardson Ball Bearing Skate Company. (See Whitcomb, Henry F., Jr., assignor.)
- Richardson, Bayard E., Grand Rapids, Mich. Knock-down desk. 2,118,525; May 24.
- Richardson, Bayard E., and R. W. Willey, Grand Rapids, Mich. Furniture construction. 2,133,570; Oct. 18.
- Richardson, Carl B., West Hartford, Conn. Wallpaper sample printing machine. 2,133,401; Oct. 18.
- Richardson, Charles, Jr., Pasadena, Calif. Tray. 2,118,326; May 24.
- Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Semidecating apparatus. 2,118,417; May 24.
- Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Cloth finishing machine. 2,128,377; Aug. 30.
- Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Cloth shearing machine. 2,129,236; Sept. 6.
- Richardson Company, The. (See Keller, Charles L., assignor.)
- Richardson Company, The. (See Rieser, Oliver O., assignor.)
- Richardson, Daniel J., Onondaga County, N. Y. Display device. 2,138,429; Nov. 29.
- Richardson, Dean R., New Kensington, Pa. Safety latch plate. 2,104,309; Jan. 4.
- Richardson, Dean R., New Kensington, Pa. Bonding rail joint tie. 2,117,450; May 17.
- Richardson, Elmer M., East Cleveland, assignor to Steel Engravers Appliance Corporation, Cleveland, Ohio. Method and apparatus for drying inked impressions. 2,113,770; Apr. 12.
- Richardson, Elton. (See Marsh, Harry C., assignor.)
- Richardson, Graham M. (See Robinson, E. A., and Richardson.)
- Richardson, Harlow T., North Plainfield, N. J., assignor to The Ruberoid Co., New York, N. Y. Fastener for attaching corrugated covering sheets. 2,108,611; Feb. 15.
- Richardson, Harlow T., North Plainfield, N. J., assignor to The Ruberoid Co., New York, N. Y. Clip for securing corrugated roof or siding sheets. 2,108,612; Feb. 15.
- Richardson, Henry K., Bloomfield, and F. A. Newcombe, Nutley, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company. Temperature control for molten streams. 2,116,450; May 3.
- Richardson, Holden C., and W. M. Fellers, Washington, D. C. Airplane catapult. 2,127,531; Aug. 23.
- Richardson, Homer H., Western Springs, assignor to National Aluminate Corporation, Chicago, Ill. Protecting steam boilers against caustic embrittlement. 2,104,528; Jan. 4.
- Richardson, Hugh, Nelson, Mo. Harrow or drag lift. 2,135,241; Nov. 1.
- Richardson, James C., Brooklyn, assignor to Royal Switchboard Co., Inc., New York, N. Y. Electric switchbox. 2,104,167; Jan. 4.
- Richardson, James F., Ashland, Ky. Pipe plug. 2,130,030; Sept. 13.
- Richardson, Led L., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,137,900; Nov. 22.
- Richardson, Maurice F., Berwyn, Pa. Group valve unit. 2,117,504; May 17.
- Richardson, Max C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Air flow indicating damper. 2,116,911; May 10.
- Richardson, Max C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Air flow pilot control. 2,116,912; May 10.
- Richardson, Myron H., Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Co., Chicago, Ill. Vending machine. 2,132,804; Oct. 11.
- Richardson, Nathan C., and R. B. Pekar, Columbus, Ga. Mop. 2,123,805; July 12.
- Richardson, Ralph R., assignor to Chicago Carton Company, Chicago, Ill. Packaging. 2,119,058; May 31.
- Richardson, Ralph S., Scarsdale, assignor to Chemical Construction Corporation, New York, N. Y. Preparing  $\text{NH}_3$ -air mixtures. 2,119,721; June 7.
- Richardson, Ralph S., Scarsdale, N. Y., assignor to Chemical Construction Corporation. Nitric acid manufacture. 2,135,733; Nov. 8.
- Richardson, Roger W., and J. J. Owen, Baton Rouge, La., assignors to Standard Oil Development Company. Lubricating oils. 2,119,114; May 31.
- Richardson, Ronald E. (See Maass, O., and Richardson.)
- Richardson, Thomas S., and P. L. Smith, Beaumont, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Refining wax. 2,117,984; May 17.
- Richardson, William S. (See Wolf, A., Cowles, and Richardson.)
- Riches, Geoffrey H. (See Riches, Roderick T. and G. H.)
- Riches, Roderick T. and G. H., Bromley, England. Device for advertising and like purposes. 2,135,412; Nov. 1.
- Richeson Company. (See Richeson, Sanford E., assignor.)
- Richeson, Sanford E., New York, N. Y. Can closure. 2,104,438; Jan. 4.
- Richeson, Sanford E., assignor to Richeson Company, Inc., New York, N. Y. Coffee roasting machine. 2,109,597; Mar. 7.
- Richey, Charles V., Jamaica, assignor to Richey Special Third Rail Corporation, New York, N. Y. Box sheltered third rail and shoe. 2,129,706; Sept. 13.
- Richey Special Third Rail Corporation. (See Richey, Charles V., assignor.)
- Richheimer, Isaac D., New York, N. Y. Locking cover for pots. 2,105,201; Jan. 11.
- Richman, Jonas J., New York, N. Y. Fingering attachment for stringed musical instruments. 2,117,628; May 17.
- Richmond, Fred H., St. Louis, Mo. Hair cutting cloth. 2,123,436; July 12.
- Richmond, George A. (See Hasselkus, J. W., and Richmond.)
- Richmond Hosiery Mills. (See Morris, Virgil, assignor.)
- Richmond Manufacturing Company. (See Moyer, Howard H., assignor.)
- Richmond Screw Anchor Co. (See Schenk, Tamis C., assignor.)
- Richmond, Thomas G., Glasgow, Scotland. Snap action mechanism. 2,113,494; Apr. 5.
- Richmond, Thomas G., Glasgow, Scotland. Thermostatic switch. 2,113,495; Apr. 5.
- Richmond, William E. (See Woodward, A. H., Richmond, and Thompson.)
- Richter, Adolf, Dessau-in-Anhalt, W. Busch, Leverkusen I. G. Werk, and M. O. Schürmann, Dormagen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of copper from waste liquors of the artificial silk industry. 2,141,763; Dec. 27.
- Richter, Alfred F., Des Moines, Iowa. Snow plow attachment for motor vehicles. 2,141,558; Dec. 27.
- Richter, Arthur, Berbisdorf Post Einsiedel, Germany. Flat knitting frame. 2,112,346; Mar. 29.
- Richter, August, et al. (See Richter, Edward, assignor.)
- Richter, Carl R., Schenectady, N. Y. Welding and cutting torch. 2,104,761; Jan. 11.
- Richter, Carl R., Schenectady, N. Y. Gas supplying apparatus. 2,116,642; May 10.



- Richter, Edward, assignor of one-third to W. M. Larson and one-third to A. Richter, Freeport, Ill. Combination salt and pepper shaker. 2,113,604; Apr. 12.
- Richter, Edward and A., Freeport, Ill. Automatic leveling means for hearses and other vehicles. Re. 20,710; Apr. 26.
- Richter, Edward, and E. L. Schofield, assignors to Henney Motor Company, Freeport, Ill. Side and rear delivery hearse. 2,141,092; Dec. 20.
- Richter, Edward, and E. L. Schofield, assignors to Henney Motor Company, Freeport, Ill. Slidable seat. 2,141,093; Dec. 20.
- Richter, Emil F. and J. E. Garrett, assignors to Artercraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Thread carrier device. 2,104,815; Jan. 11.
- Richter, Emil H., Skagway, Alaska. Cap terminal for batteries. 2,110,055; Mar. 1.
- Richter, Erich, Cedar Grove, and H. Thissen, Hawthorne, N. J. Shuttle binder. 2,127,939; Aug. 23.
- Richter, Frank, West New York, assignor to M. E. Richter, Weehawken Township, Hudson County, N. J. Elevating billboard mounting. 2,110,239; Mar. 8.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Preparation of acetone-soluble cellulose acetate. 2,106,811; Feb. 1.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Conditioning of sheeted cellulose pulp for acetylation and the like. 2,112,115; Mar. 22.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Production of cellulose fiber of low solution viscosity for conversion into cellulose derivatives. 2,112,116; Mar. 22.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Preparation of cellulose xanthate solutions. 2,112,576; Mar. 29.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Conditioning of cellulose fiber for conversion into cellulose acetate. 2,112,999; Apr. 5.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Preparation of cellulose xanthate solution. 2,117,037; May 10.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Making cellulose xanthate solutions. 2,117,038; May 10.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Preparing viscose. 2,120,417; June 14.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Xanthation of cellulose. 2,126,975; Aug. 16.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Preparation of viscose sirup. 2,138,014; Nov. 29.
- Richter, George A., and H. P. Vannah, assignors to Brown Company, Berlin, N. H. Xanthating cellulose. 2,106,812; Feb. 1.
- Richter, George A., and E. W. Lovering, assignors to Brown Company, Berlin, N. H. Xanthation of cellulose to form viscose. 2,126,976; Aug. 16.
- Richter, George A., Berlin, and D. H. McMurtree, Gorham, assignors to Brown Company, Berlin, N. H. Conditioning of wood pulp for nitration. 2,138,283; Nov. 29.
- Richter, George A., and H. P. Vannah, assignors to Brown Company, Berlin, N. H. Making viscose. 2,141,669; Dec. 27.
- Richter, Gus, New York, N. Y. Garment hanger and folder. 2,109,141; Feb. 22.
- Richter, Hans. (See Pressler, H., and Richter.)
- Richter, Herbert J. (See Richter, Herman G. and H. J.)
- Richter, Herman G. and H. J., Sacramento, Calif. Foam wiper. 2,107,876; Feb. 8.
- Richter, Herman W., assignor to George O. Jenkins Company, Bridgewater, Mass. Making leatherboard. 2,128,965; Sept. 6.
- Richter, Henry G., Westfield, N. J. Variable resistor. 2,121,983; June 28.
- Richter, Henry G., Westfield, N. J. Variable resistor. 2,125,954; Aug. 9.
- Richter, Henry G., Westfield, N. J., assignor, by mesne assignments, to P. R. Mallory & Co. Inc., Indianapolis, Ind. Rheostat. 2,118,267; May 24.
- Richter, Johann. (See Hensel, B., Hess, and Richter.)
- Richter, Johannes. (See Federmann, W., and Richter.)
- Richter, Johannes, B. Hensel and K. Hess, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,128,759; Aug. 30.
- Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Shock absorber equipment for knitting machines. 2,127,449; Aug. 16.
- Richter, Max, West Reading, and J. Bareiss, assignors to Textile Machine Works, Wyomissing, Pa. Automatic spindle resetting mechanism. 2,109,140; Feb. 22.
- Richter, Mollie E. (See Richter, Frank, assignor.)
- Richter, Morten B., Copenhagen, Denmark. Selector for electric connecting systems. 2,135,015; Nov. 1.
- Richter & Phillips Company, The. (See Caiman, Roger S., assignor.)
- Richter, Richard E., Montgomery, Minn. Finger ring and making the same. 2,105,227; Jan. 11.
- Richter, Ted W., Chicago, Ill. Roof edge construction. 2,123,967; July 19.
- Richter-Kessing, Frank H., assignor to Nichol & United States Signal Company, Incorporated, Louisville, Ky. Rail operated circuit controller. 2,128,164; Aug. 23.
- Rickaby, Roland M., Green Bay, Wis., assignor to Automatic File & Index Company, Chicago, Ill. Filing device. 2,110,610; Mar. 8.
- Rickard, George B., assignor to The Carborundum Company, Niagara Falls, N. Y. Segmental pulp wheel. 2,104,594; Jan. 4.
- Rickard, Joseph S., Bellflower, assignor of one-half to G. O. Squire, Los Angeles, Calif. Hospital stretcher. 2,127,309; Aug. 16.
- Rickards, Joshua B., and J. E. J. Spencer, Philadelphia, Pa. Casting reel. 2,120,190; June 7.
- Rickenbacher, Robert J., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Toy pistol. 2,108,269; Feb. 15.
- Rickenbacher, Robert J., assignor to The Kilgore Mfg. Company, Columbus, Ohio. Toy pistol. 2,114,574; Apr. 19.
- Rickenbacher, Robert J., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Toy pistol. 2,128,500; Aug. 30.
- Rickenmann, Alfred, and E. Kreis, assignors to Reishauer-Werkzeuge Aktiengesellschaft, Zurich, Switzerland. Dressing grinding disks. 2,112,679; Mar. 29.
- Ricker, Berthold E., St. Cloud, Minn. Trailer hitch. 2,118,231; May 24.
- Rickets, William J. (See Kolb, O. K., and Rickets.)
- Ricketson, George C., New York, N. Y. Demountable top for pressing machines. 2,136,564; Nov. 15.
- Ricketts, John W., et al. (See Nielsen, Adolph E., assignor.)
- Ricks, Fred, and L. Mawbey, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for applying pressure to shoe bottoms. 2,125,955; Aug. 9.
- Ricks, Fred, and W. N. Bray, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,133,402; Oct. 18.
- Ric-wil Company, The. (See Gottwald, Christian, assignor.)
- Ridabock, Alice B., Stamford, Conn. Magnifying device. 2,122,753; July 5.
- Riddell, Fred P., Superior, Wis. Ejector fork. 2,124,313; July 19.
- Riddell, John T., Chicago, Ill. Athletic shoe sole plate. 2,118,107; May 24.
- Riddell, John T., Chicago, Ill. Ball construction. 2,129,237; Sept. 6.
- Riddell, John T., Chicago, Ill. Inflated ball and its manufacture. 2,129,238; Sept. 6.
- Riddell, Sherrod, Springfield, Ill. Safety hand crank starter for engines. 2,140,030; Dec. 13.
- Riddell, W. A., Corporation. (See Jersey, Nell E., assignor.)
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter trigger latch. 2,105,228; Jan. 11.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Setting shutter. 2,119,831; June 7.
- Riddell, William A., assignor to The General Engineering Company, Frederick, Md. Ventilated tuière. 2,122,951; July 5.
- Riddell, William A., assignor to The General Engineering Company, Frederick, Md. Coal burning automatically fired hot water heater. 2,141,764; Dec. 27.
- Riddell, William G., Highwood Hill, London, assignor to John Hastie & Company Limited, Greenock, Renfrewshire, England. Hydraulic steering gear for ships. 2,139,604; Dec. 6.
- Riddle, Harvey W., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Metallic rope. 2,113,710; Apr. 12.
- Riddle, Herbert S., Springfield, Mass. Golf ball and the like. 2,108,321; Feb. 15.
- Ridenour, Ralph O., assignor of one-half to R. R. Proctor, Los Angeles, Calif. Soil plasticity testing apparatus. 2,117,985; May 17.
- Rider, Ernest G., assignor to Stokes and Smith Company, Summerdale, Philadelphia, Pa. Adhesive applying mechanism. 2,108,613; Feb. 15.
- Rider, Ernest G., assignor to Stokes and Smith Company, Philadelphia, Pa. Method of and apparatus for wrapping boxes. 2,115,539; Apr. 26.
- Rider, Granville S., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Article forming machine. 2,111,640; Mar. 22.
- Rider, John F. (See Avins, Jack, assignor.)
- Rider, Linnard T., Philadelphia, Pa. Yarn. 2,1110,979; Mar. 15.
- Ridet, Henri A., assignor to Société Anonyme: Four et Appareils Stein, Paris, France. Fuel agitator. 2,105,988; Jan. 18.
- Ridge, Dan. (See Seestedt, L. L., Ridge, and Luff.)
- Ridge, Herman D., Scarsdale, N. Y., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Scale and indicator operating means therefor. 2,124,357; July 10.
- Ridge, Raymond J. (See Van Selver, W. M., and Ridge.)
- Ridge, Raymond J., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for air conditioning apparatus. 2,110,025; Mar. 1.



- Ridge Tool Company, The. (See Black, Wayne C., assignor.)
- Ridge Tool Company, The. (See Thewes, William O., assignor.)
- Ridge Tool Company of Elyria, The. (See Jackman, Elmer F., assignor.)
- Ridgers, Frederick G., assignor to N. Slater Company Limited, Hamilton, Ontario, Canada. Wire connector. 2,105,129; Jan. 11.
- Ridgeway Automatic Transmission Co. (See Ridgeway, Bruce, assignor.)
- Ridgeway, Bruce, Mexico, Mo., assignor to Ridgeway Automatic Transmission Co. Transmission. 2,110,964; Mar. 15.
- Ridgway, Carl E., Seattle, Wash. Protective collar for fruit boxes. 2,133,041; Oct. 11.
- Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Electric furnace structure for making abrasive metal carbides. 2,123,158; July 5.
- Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Electric furnace. 2,125,588; Aug. 2.
- Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Boron carbide alloy and making the same. 2,141,617; Dec. 27.
- Ridgway, Raymond R., and B. L. Bailey, Niagara Falls, N. Y., assignors to Norton Company, Worcester, Mass. Electric furnace. 2,121,744; June 21.
- Ridley, Frank F., Rutland Park, Sheffield, assignor to Colliery Engineering Limited, Yorkshire, England. Apparatus for the pneumatic separation of materials of different specific gravities and sizes. 2,141,451; Dec. 27.
- Ridley, Ralph M. (See Ruther, F. R., and Ridley.)
- Ridley, William. (See Wilson, P. H., and Ridley.)
- Riebel, Charles W. (See Willett, Benedict E., assignor.)
- Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,140,651; Dec. 20.
- Rieche, Alfred. (See Provenz, F., and Rieche.)
- Rieche, Alfred, Wolfen Kreis Bitterfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Stabilized solid hydrogen peroxide preparation. 2,120,430; June 14.
- Rieche, Alfred, Wolfen, Kreis Bitterfeld, and K. Brodersen, M. Quaedvlieg, and H. Maier-Bode, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Assistant for the treatment of textiles. 2,108,725; Feb. 15.
- Rieche, Alfred, Wolfen-Kreis Bitterfeld, and H. Maier-Bode and W. Eckardt, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Insecticide. 2,129,025; Sept. 6.
- Riedel, Curtis. (See Roush, L., and Riedel.)
- Riedel-E., J. D., de Haën A.-G. (See Wakenhut, Alfred assignor.)
- Riedel, Frederick G. (See McClanahan, L. C., and Riedel.)
- Riedel, J. D.-E de Haën A. G. (See Wakenhut, Alfred, assignor.)
- Riedel, Otto P., Bergenfield, N. J., assignor to Metaphane, Inc., New York, N. Y. Inlaid metal surface ornamentation. 2,134,737; Nov. 1.
- Riedel, Otto P., Bergenfield, N. J., assignor to Metaphane, Inc. Beadlike metal surface ornamentation. 2,141,488; Dec. 27.
- Riedl, Anton. (See Heinisch, O., and Riedl.)
- Rieffel, August, Philadelphia, Pa. Steaming and drying machine. 2,104,402; Jan. 4.
- Rieg, Otto, Newark, N. J., assignor to The A. C. Gilbert Company, New Haven, Conn. Slush casting machine. 2,137,217; Nov. 15.
- Rieger, Edward M., and M. A. Zurn, assignors to J. A. Zurn Manufacturing Company, Erie, Pa. Adjustable drain connection. 2,121,984; June 28.
- Rieger, John C., Louisville, Ky. Device for holding cut photographic films for developing and fixing. 2,118,738; May 24.
- Riehl, Amos D., Loomis, Calif. Tire rim. 2,128,322; Aug. 30.
- Riehl, Harmon B. (See Allen, T. W., Senior, Bokum, and Riehl.)
- Riehl, Theodore A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pneumatic tire. 2,129,626; Sept. 6.
- Riel, Peter S., Buffalo, N. Y. Snow diverting means for automobile windshields and the like. 2,133,927; Oct. 18.
- Rieman, Martin A. (See Johnson, L., and Rieman.)
- Riemenschneider, Ernest. (See Wallace, R. H., and Riemenschneider.)
- Riemenschneider, Ernest, assignor to The Midland Steel Products Company, Cleveland, Ohio. Method and apparatus for forming automobile side rails. 2,127,618; Aug. 23.
- Riemenschneider, Ernest, assignor to The Midland Steel Products Company, Cleveland, Ohio. Method and apparatus for welding. 2,139,771; Dec. 13.
- Riemenschneider, Ernest, and R. H. Thoms, assignors to The Midland Steel Products Company, Cleveland, Ohio. Apparatus for expanding sections of tubing. 2,142,017; Dec. 27.
- Rieper, Gerhard, Berlin-Mariendorf, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Direction maintaining device for dirigible craft. 2,115,498; Apr. 26.
- Riepert, Hermann, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Object carrier for microscopes. 2,119,354; May 31.
- Rieppel, Paul, Munich, and S. Grantz, Augsburg, Germany. Operating internal combustion engines having regulation of charge quantities. 2,132,646; Oct. 11.
- Riepkra, Hellmuth C., Berlin-Lichterfelde, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany. High frequency iron core coil. 2,130,815; Sept. 20.
- Ries, Edward J., assignor to O. H. and A. F. Pieper, Rochester, N. Y. Voltage adjusting means for X-ray machines. 2,140,393; Dec. 13.
- Riese, Karl F., Minneapolis, Minn. Folding machine. 2,126,138; Aug. 9.
- Rieseler, Hermann, Kiel, Germany. Combustion engine. 2,139,284; Dec. 6.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Shrink fixture. 2,104,673; Jan. 4.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Device for molding complex long draw articles. 2,119,291; May 31.
- Rieser, Richard, Vienna, Austria. Interlocking fastener. 2,134,892; Nov. 1.
- Riesing, Ellwood F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient support. 2,115,672; Apr. 26.
- Riesing, Ellwood F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient support. 2,128,733; Aug. 30.
- Rieske, Edward L., Dayton, Ohio. Automatic clutch coupling. 2,140,255; Dec. 13.
- Riesmeyer, Robert G., Clayton, Mo. Organ key-control apparatus. 2,121,262; June 21.
- Riesner, B. L. (See Ferri, Tito A., assignor.)
- Riess, Edward P., Sheboygan, Wis. Truss. 2,114,317; Apr. 19.
- Riess, Joseph. (See Asmussen, H., and Riess.)
- Riethmiller, Ruth, administratrix. (See Kingsley, George A.)
- Rietsch, Eberhard, Hennigsdorf, Germany, assignor to General Electric Company, New York, N. Y. Shield. 2,116,413; May 3.
- Rietveld, Harry, Milwaukee, Wis. Knife blade cleaner. 2,140,209; Dec. 13.
- Rifle, William V., Chicago, Ill. Hair waving apparatus. 2,133,573; Oct. 18.
- Rigandi, Joseph R., Westerleigh, N. Y. Combined sole and arch construction for shoes. 2,107,620; Feb. 8.
- Rigandi, Joseph R., Westerleigh, N. Y. Tuned antenna system. 2,132,881; Oct. 11.
- Rigandi, Joseph R., Westerleigh, N. Y. Shoe construction. 2,132,882; Oct. 11.
- Rigby, George W. (See Greenewalt, C. H., and Rigby.)
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of amino acids. 2,109,929; Mar. 1.
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dinitriles. 2,121,551; June 21.
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose esters. 2,123,806; July 12.
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose esters of organic sulphonic acids and preparation thereof. 2,138,778; Nov. 29.
- Riggs, Alger S., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Nonhunting or dead beat remote control. 2,115,086; Apr. 26.
- Riggs, Amelia D., Cooksville, Md. Vehicle direction indicator. Re. 20,659; Feb. 22.
- Riggs, Clyde A., and T. B. Farmer, Chattanooga, Tenn. Work transferring device for knitting machines. 2,107,548; Feb. 8.
- Riggs, Lloyd K., Newark, N. J., and F. H. Clickner, Chicago, Ill., assignor to Kraft-Phenix Cheese Corporation. Protein mineral complex and making same. 2,123,203; July 12.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Combined window regulator and door latch operator. 2,122,661; July 5.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,134,317; Oct. 25.
- Rightsell, Earl F., Durham, N. C. Sanitary cover for a body organ. 2,123,343; July 12.
- Rigollet, Louis, Paris, France, assignor to Rubel Brothers Limited, London, England. Jewelry setting. 2,141,363; Dec. 27.
- Rike, Howard A., Fort Worth, Tex. Valve. 2,131,301; Sept. 27.
- Rike, Richard C. (See Rasmussen, O., and Rike.)
- Riley, Champlain L., Watchung, N. J., assignor to Industrial Associates, Inc., New York, N. Y. Heat treating powdered material. 2,130,154; Sept. 13.
- Riley Development Corporation. (See Riley, Glenn L., assignor.)



- Riley, Francis B., Newton Highlands, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fabric and making the same. 2,118,108; May 24.
- Riley, Frank, Jr., assignor to Miller Fuel Engineering Company, Houston, Tex. Alarm device. 2,110,340; Mar. 8.
- Riley, Glenn L., New Orleans, La., assignor to Riley Development Corporation. Auxiliary combustion chamber for internal combustion engines. 2,118,058; May 24.
- Riley, Henry M., Manhasset, N. Y. Device having decorated transparencies. 2,105,008; Jan. 11.
- Riley, Herbert E., New York, N. Y. Exercise device. 2,131,570; Sept. 27.
- Riley, John A., Toledo, Ohio. Towel. 2,121,162; June 21.
- Riley, Lynn G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,130,858; Sept. 20.
- Riley, Percy, Coventry, England. Hydraulic abutment. 2,111,734; Mar. 22.
- Riley, Percy, Coventry, England. Valve-operating mechanism for internal combustion engines. 2,111,735; Mar. 22.
- Riley, Ray. (See Bowers, H. L., and Riley.)
- Riley, Ray. (See Bruce, W. M., and Riley.)
- Riley, Ray, Long Island City, assignor to The Permutit Company, New York, N. Y. Hydrogen zeolite water treatment. 2,127,310; Aug. 16.
- Riley Stoker Corporation. (See Andrews, L. V., assignor.)
- Riley Stoker Corporation. (See Johnson, Oscar A., assignor.)
- Riley Stoker Corporation. (See Moyer, George, assignor.)
- Riley, Thomas S., Philadelphia, Pa. Edge rounding machine. 2,114,318; Apr. 19.
- Rimböck, Karl, Vienna, Austria. Theophylline-Piperazine preparations. 2,128,851; Aug. 30.
- Rimele, Eugen. (See Morschel, H., Rimele, and Gund.)
- Rinaldy, Edward S., and A. Schaefer, Chester, N. J. Animal trap. 2,120,812; June 14.
- Rindl, Adolf and H., Cieszyn, Poland. Milk distribution apparatus and a can for use with the said apparatus. 2,139,208; Dec. 6.
- Rindl, Honorata. (See Rindl, Adolf and H.)
- Rindt, Carl J., Chicago, Ill. Fish scaling apparatus. 2,110,341; Mar. 8.
- Rineer, Arthur E., Dayton, Ohio. Drill chuck. 2,139,421; Dec. 6.
- Rinehart, Arthur, Hawthorne, N. J., assignor to R. Reiner, Incorporated. Flat knitting machine. 2,132,494; Oct. 11.
- Rinehart, Arthur, Hawthorne, and L. H. Mendelsohn, Paterson, assignors of one-half to Excella Hosiery Mills Hawthorne, N. J., and one-half to Gotham Silk Hosiery Company, Inc., New York, N. Y. Device for use in knitting elastic top full fashioned hosiery. 2,109,651; Mar. 1.
- Rinehart, Harry H., New Market, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Antiskid unit and making the same. 2,131,571; Sept. 27.
- Riner, William B., Cincinnati, Ohio. Safety water light. 2,104,762; Jan. 11.
- Ring, Ernest A., Providence, assignor of one-half to F. M. Blakency, East Providence, R. I. Optical occluder. 2,125,650; Aug. 2.
- Ring, Frederick G., Newark, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Manufacture of spirituous liquors. 2,104,243; Jan. 4.
- Ring, Frederick G., Newark, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Manufacture of spirituous liquors. 2,104,244; Jan. 4.
- Ring, Harold B., Brooklyn, N. Y. Ski poles and hiking sticks. 2,123,437; July 12.
- Ring, James R., Galveston, Tex. Dispenser closure. 2,117,071; May 10.
- Ring, Joseph J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Needle valve. 2,141,018; Dec. 20.
- Ring, Joseph J., and B. R. Nichols, Wauwatosa, and A. Pfau, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Governor. 2,106,684; Jan. 25.
- Ringe, William H., Berkeley, Calif. Traveling hoist. 2,139,772; Dec. 13.
- Ringel, Abraham S., Brooklyn, N. Y., assignor to Radio Corporation of America. Acoustic device. 2,122,587; July 5.
- Ringer, Henry, Bladell, N. Y. Camping implement. 2,109,016; Feb. 22.
- Ringler, William A., Wayne, Pa. Combined merchandising container and toy. 2,118,821; May 31.
- Ringler, William A., Wayne, Pa., assignor to W. D. Lynch, New York, N. Y. Package and wrapper therefor. 2,109,504; Mar. 1.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Container for tubes and bulbs. 2,125,312; Aug. 2.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Container for tubes and bulbs. 2,125,313; Aug. 2.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Display carton. 2,135,533; Nov. 8.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Display carton. 2,138,460; Nov. 29.
- Ringwald, Clarence, Springfield, Ohio. Heater. 2,131,484; Sept. 27.
- Ringwald, Clarence, Springfield, Ohio, assignor of one-half to J. A. Diener, Evanston, Ill. Ignition coil. 2,131,483; Sept. 27.
- Rinkel, Paul, Berlin-Charlottenburg, Germany. Sextant. 2,136,995; Nov. 15.
- Rinkenbach, William H. (See Hale, G. C., and Rinkenbach.)
- Rinn, Irwin C., Chicago, Ill. Mount for films and the like. 2,127,940; Aug. 23.
- Rintelman, William L., Carrollville, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff intermediates of the anthraquinone series. 2,130,031; Sept. 13.
- Rintelman, William L., Carrollville, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the benzantraquinone series. 2,141,877; Dec. 27.
- Riordan, Thomas G., San Antonio, Tex. Color fountain for printing presses. 2,137,590; Nov. 22.
- Riotte, Roger, Puteaux, assignor to Sonora Radio, S. A., Puteaux, (Seine), France. Radio tuning indicator device. 2,120,813; June 14.
- Rioux, Demey L., Green Bay, Wis. License plate illumination. 2,124,829; July 26.
- Ripley, Charles T., Wilmette, Ill. Packing retainer for journal boxes. 2,141,019; Dec. 20.
- Ripley, Duane L. (See Markel, J., and Ripley.)
- Rippe, John R., Fresno, Calif. Spark controlling mechanism. 2,113,903; Apr. 12.
- Rippe, John R., Fresno, Calif. Engine construction. 2,113,904; Apr. 12.
- Rippe, Walter H., Hutchinson, Minn. Pipe aligning tool. 2,105,954; Jan. 18.
- Rippee, George S., Puerto Castilla, Honduras, assignor to United Fruit Company, Boston, Mass. Apparatus for spraying extensive areas. 2,110,112; Mar. 1.
- Ripple, Charles H., assignor to The Clark Controller Company, Cleveland, Ohio. Dual pressure control for pneumatically operated apparatus. 2,118,779; May 24.
- Ris, Kenneth B., Garden City, assignor to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 2,134,058; Oct. 25.
- Risberg, Henry S., Brooklyn, N. Y. Eyelash curler. 2,133,042; Oct. 11.
- Risch, Julius. (See Wessel, Oswald, assignor.)
- Risdon, Roy S., San Francisco, Calif. Supporting rack. 2,120,511; June 14.
- Risley, Walter J., Jr., North Hills, assignor to The Curtis Publishing Company, Philadelphia, Pa. Drying apparatus for web printing presses. 2,131,257; Sept. 27.
- Risser, Ivan H., assignor to U. S. Bottlers Machinery Co., Chicago, Ill. Container conveying apparatus. 2,105,795; Jan. 18.
- Risser, Ivan H., assignor to U. S. Bottlers Machinery Company, Chicago, Ill. Joint construction for conduits. 2,126,505; Aug. 9.
- Risser, Ivan H., assignor to U. S. Bottlers Machinery Company, Chicago, Ill. Container loading apparatus. 2,128,192; Aug. 23.
- Risser, Ivan H., assignor to U. S. Bottlers Machinery Company, Chicago, Ill. Container discharging apparatus. 2,134,955; Nov. 1.
- Ristau, Albert H. (See Grace, W. T., and Ristau.)
- Ristell, Arthur. (See Ristell, Nancy P. and A.)
- Ristell, Nancy P. and A., Chicago, Ill. Combined beach hat and fan. 2,136,925; Nov. 15.
- Rit Products Corporation. (See Kritchevsky, Wolf, assignor.)
- Ritcher, Paul O., and R. K. Calfee, assignors to University of Kentucky, Lexington, Ky. Vaporizer. 2,139,463; Dec. 6.
- Ritchie, Charles F. (See Burke, W. E., Allen, Peel, Ritchie, and Gale.)
- Ritchie, David M. (See Schoepf, T. H., and Ritchie.)
- Ritchie, David M., assignor to The Cincinnati Traction Bldg. Company, Cincinnati, Ohio. Articulated car and truck. 2,111,676; Mar. 22.
- Ritchie, Ernest G., London, England. Pipe system. 2,135,770; Nov. 8.
- Ritchie, Everett J. (See Harner, H. R., Schultz, and Ritchie.)
- Ritchie, George A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Holder for memorandum pads. 2,114,477; Apr. 19.
- Rittener, Agnès, born Collins, Paris, France. Hat retainer. 2,121,471; July 19.
- Rittenhouse, A. E. Co., The. (See Rittenhouse, Arthur E. and L., assignors.)
- Rittenhouse, Arthur E. and L., assignors to The A. E. Rittenhouse Co., Inc., Honeye Falls, N. Y. Signal device. 2,120,153; June 7.
- Rittenhouse, Charles G. (See McGrady, L. L., and Rittenhouse.)
- Rittenhouse, Lloyd. (See Rittenhouse, Arthur E. and L.)
- Rittenhouse, Paul L., New York, N. Y. Educational toy. 2,111,129; Mar. 15.
- Rittenhouse, Paul L., New York, N. Y. Radio receiving system for automobiles. 2,133,151; Oct. 11.



- Ritter, Ellwood, Norristown, Pa., assignor to The Continental-Diamond Fibre Company, Newark, Del. Combination cornerpiece and shoe clamp for boxes. 2,105,373; Jan. 11.
- Ritter, Julius, Jr., assignor to Hartmann Trunk Company, Racine, Wis. Trunk angle construction. 2,139,518; Dec. 6.
- Ritter, Harry C. (See Heller, Hayes F., assignor.)
- Ritter, Heinrich. (See Zerweck, W., Steiger, and Ritter.)
- Ritter, Heinrich, Frankfort-on-the-Main-Eichenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acid wool dyestuffs. 2,108,142; Feb. 15.
- Ritter, Heinrich, Frankfort-on-the-Main-Eichenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acid wool dyestuffs. 2,120,573; June 14.
- Ritter, Jacob, New York, N. Y. Combined safety razor and hair cutter. 2,127,869; Aug. 16.
- Ritter, Julius, Jr., and S. Essmus, assignors to Hartmann Trunk Company, Racine, Wis. Luggage case. 2,108,903; Feb. 22.
- Ritter Products Corporation. (See Johnson, Herbert B., assignor.)
- Ritz, Frederick, Hamilton, Ohio, assignor to Fairbanks, Morse & Co., Chicago, Ill. Piston ring construction. 2,131,970; Oct. 1.
- Ritz, Frederick, Hamilton, Ohio, assignor to Fairbanks, Morse & Co., Chicago, Ill. Fuel supply system. 2,136,466; Nov. 15.
- Ritzau, Günther, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Hard metal composition. 2,121,448; June 21.
- Ritzenthaler, Philip J., and P. J. Sheehan, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Chromium plated article and producing same. 2,124,657; July 26.
- Ritzerfeld, Wilhelm, Berlin, Germany. Manifolding machine. Re. 20,753; June 7.
- Ritzerfeld, Wilhelm, Berlin, Germany. Apparatus for feeding envelopes and method relating thereto. 2,130,101; Sept. 13.
- Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating apparatus. 2,130,600; Sept. 20.
- Ritzerfeld, Wilhelm, Berlin, Germany. Rotary reprinting and copying machine and obtaining printed copies from a mirror script original. 2,137,096; Nov. 15.
- Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating apparatus. 2,141,407; Dec. 27.
- Ritzert, Norman J. (See Freedlander, A. L., and Ritzert.)
- Ritz-Woller, Oliver C., Chicago, Ill. Reflector device. 2,108,446; Feb. 15.
- Ritz-Woller, Oliver C., Chicago, Ill. Truck mirror and the like. 2,111,641; Mar. 22.
- Ritz-Woller, Oliver C., Chicago, Ill. Gasoline tank closure means. 2,133,520; Oct. 18.
- Riusech, Mardo, Habana, Cuba. Tire relation signal. 2,127,187; Aug. 16.
- Rival Manufacturing Company. (See Majewski, Joseph M., Jr., assignor.)
- Rival Manufacturing Company. (See Rupert, Richard, assignor.)
- Rivat, Georges, Lyons, France, assignor to H. Dreyfus, London, England. Treatment of cellulosic materials. 2,123,152; July 5.
- Rivat, Georges, Lyons, France, assignor to Celanese Corporation of America. Printing and other textile treatments. 2,123,153; July 5.
- River Raisin Paper Company. (See Reaume, Lawrence W., assignor.)
- Rivers, Durward S., Indianapolis, Ind. Electric circuit protector. 2,125,126; July 26.
- Rivers, Thomas D., Portsmouth, Va. Brake equalizer. 2,122,952; July 5.
- Riverside Company. (See Scharf, Lou, assignor.)
- Riviere, Albert S. (See Thompson, C. S., Kucera, and Riviere.)
- Riviere, Roy R. (See Welsh, Alonzo P., assignor.)
- Rivkin, Joseph, Pittsburgh, Pa., assignor to The Neville Company. Inhibition of varnish skinning. 2,110,775; Mar. 8.
- Rix, Edward G., assignor to American Perforator Company, Chicago, Ill. Perforator. 2,132,047; Oct. 4.
- Rixson, Oscar C., Company, The. (See Garrison, Forrest C., assignor.)
- Roach, Alden G., assignor to Consolidated Steel Corporation Ltd., Los Angeles, Calif. Platform canopy. 2,128,539; Aug. 30.
- Roach, Edward F. (See Grant, W. A., and Roach.)
- Roach, Floyd I., Kansas City, assignor, by mesne assignments, to Popmatic Manufacturing Company, St. Louis, Mo. Popcorn machine. 2,123,663; July 12.
- Roach, Louis B., Shreveport, La. Steam table. 2,128,852; Aug. 30.
- Roach, Nathan, assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Making threaded connections. 2,107,802; Feb. 8.
- Roadley, Percy R., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Spinning and twisting. 2,141,724; Dec. 27.
- Roan Manufacturing Company. (See Jorgenson, Arthur P., assignor.)
- Robaczynski, Ladislaus, Brooklyn, N. Y. Needle bed construction. 2,106,919; Feb. 1.
- Robaczynski, Ladislaus, Brooklyn, N. Y. Knitting machine. 2,122,239; June 28.
- Robaczynski, Ladislaus, Brooklyn, N. Y. Knitting machine. 2,127,699; Aug. 23.
- Robb, Cecil H., Moundridge, assignor of one-fourth to J. W. Pribble, McPherson, Kans. Brake. 2,109,709; Mar. 1.
- Robb, Charles E., Rock Island, Ill. Humidifier. 2,124,510; July 19.
- Robb, Joseph E., Kansas City, Kans., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Ejector type refrigerating system. 2,132,322; Oct. 4.
- Robb & Robb. (See Mundt, Edward, assignor.)
- Robberson, Benjamin C. and E. A., Seeley, Calif. Traffic or direction signaling apparatus. 2,125,200; July 26.
- Robberson, Emma A. (See Robberson, Benjamin C. and E. A.)
- Robbins, Arthur L., assignor to American Playground Device Company, Anderson, Ind. Diving board construction. 2,111,078; Mar. 15.
- Robbins, Azor D. (See Kurti, A., and Robbins.)
- Robbins, C. H. D., Co. (See Brickner, Julius, assignor.)
- Robbins, Charles F. (See Putnam, C. A., and Robbins.)
- Robbins, Charles F., Keene, and C. H. Cheeseman, Marlboro, assignors to Markem Machine Company, Keene, N. H. Inking device for marking machines. 2,132,495; Oct. 11.
- Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Indicating device. 2,122,539; July 5.
- Robbins, David S., Worcester, Mass., and A. C. Uihlein, New Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Cradle adjustment for stranding machines. 2,126,977; Aug. 16.
- Robbins, George A., Hilliar Township, Knox County, Ohio. Button fastener. 2,104,885; Jan. 11.
- Robbins, Grover C., Blowing Rock, N. C. Animal trap. 2,110,678; Mar. 8.
- Robbins Incubator Company, The. (See Stinson, Oliver, assignor.)
- Robbins & Myers, Inc. (See Bargdill, George E. L., assignor.)
- Robbins, Omer E., Detroit, Mich. Magnetic sine table. 2,111,299; Mar. 15.
- Robbins, Philip H., assignor to Poirrette Corsets, Inc., New York, N. Y. Undergarment. 2,110,056; Mar. 1.
- Robbins, Philip H., assignor to Poirrette Corsets, Inc., New York, N. Y. Foundation garment or the like. 2,137,182; Nov. 15.
- Robbins, Walter C., Bridgeport, Conn., assignor to F. P. Scully, Cambridge, Mass., and H. B. Curtis, Bridgeport, Conn., as trustees. Shock absorber. 2,138,511; Nov. 29.
- Robbins, Willis C., Wakefield, Mass., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Apparatus for forming tubular articles. 2,107,837; Feb. 8.
- Röber, Constantin F., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co., Dresden, Germany. Cigar making machine. 2,115,829; May 3.
- Röber, Constantin F., assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co., Dresden, Germany. Manufacture of cigars. 2,140,167; Dec. 13.
- Roberson, Samuel D., assignor to J. J. Miravalle, St. Louis, Mo. Electric water heater. 2,106,019; Jan. 18.
- Robert, Ramón C., Barcelona, Spain. Device for effecting the automatic movement of the material in sewing machines. 2,137,857; Nov. 22.
- Roberti, William, Springfield, Mass. Garment hanger. 2,135,846; Nov. 8.
- Roberts, Albert O. (See Ford, H., Simpson, and Roberts.)
- Roberts, Arnold M., Flixton, England, assignor to General Electric Company. Arc welding flux. 2,141,316; Dec. 27.
- Roberts, Arthur, et al., administrators. (See Roberts, Arthur A.)
- Roberts, Arthur A., deceased, London, England; A. Roberts and C. W. Smith, administrators. Liquid fuel. 2,118,477; May 24.
- Roberts Brass Manufacturing Company. (See Ferrall, Thomas L., assignor.)
- Roberts Brass Manufacturing Company, The. (See Roberts, Earl W., assignor.)
- Roberts Brass Manufacturing Company, The. (See Roberts, E. W., and Ferrall, assignors.)
- Roberts, Charles, assignor to Multiposter Advertising Corporation, New York, N. Y. Display device. 2,129,023; Sept. 6.
- Roberts, Charlie R., Canton, S. D. Attachment for corn cultivators or the like. 2,124,472; July 19.
- Roberts, Claudius H. M., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method and apparatus for electric dehydration of emulsions. 2,105,614; Jan. 18.
- Roberts, Clifford, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes and shoe bottom units. 2,135,676; Nov. 8.
- Roberts, David, Sedalia, Mo. Knock-down structure. 2,142,005; Dec. 27.
- Roberts, Dudley, assignor to Rubatex Products, Inc., New York, N. Y. Door jamb. 2,121,826; June 28.
- Roberts, Dudley, assignor to Rubatex Products, Inc., New York, N. Y. Stripping. 2,121,827; June 28.
- Roberts, Dudley, assignor to Rubatex Products, Inc., New York, N. Y. Expansion joint. 2,139,851; Dec. 13.



- Roberts, Dudley, assignor to Rubatex Products, Inc., New York, N. Y. Gas expanded product. 2,140,552; Dec. 20.
- Roberts, Dudley, New York, and F. W. Peel, Yonkers, N. Y., assignors to Rubatex Products, Inc., Wilmington, Del. Airplane. 2,106,761; Feb. 1.
- Roberts, Dudley, New York, and F. W. Peel, Yonkers, N. Y., assignors to Rubatex Products, Inc., Wilmington, Del. Container. 2,114,686; Apr. 19.
- Roberts, Dudley, New York, N. Y., and F. W. Peel, London, England, assignors to Rubatex Products, Inc., Wilmington, Del. Pontoon, float, and the like. 2,121,052; June 21.
- Roberts, Dudley, New York, N. Y., and T. A. Scott and F. W. Peel, Baltimore, Md., assignors to Rubatex Products, Inc. Expanded rubber. 2,122,438; July 5.
- Roberts, Dudley, New York, N. Y., and J. S. Reid, Cleveland, Ohio; said Reid assignor to Rubatex Products, Inc., New York, N. Y. Manufacture of expanded rubber. 2,131,073; Sept. 27.
- Roberts, Earl W., assignor to The Roberts Brass Manufacturing Company, Detroit, Mich. Gas cock. 2,118,232; May 24.
- Roberts, Earl W., and T. L. Ferrall, assignors to The Roberts Brass Manufacturing Company, Detroit, Mich. Safety control and ignition means for multiple gas burners. 2,119,404; May 31.
- Roberts, Edmund W., Jr., Cincinnati, Ohio. Pipe bowl reamer. 2,136,565; Nov. 15.
- Roberts, Edward F., Rye, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Shoe. 2,140,302; Dec. 13.
- Roberts, Edward F., Rye, and S. Adamson, Larchmont, assignors to United States Rubber Products, Inc., New York, N. Y. Riding breeches and the like. 2,119,602; June 7.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Liquid cooled friction drum. Re. 20,715; May 3.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal basket construction. Re. 20,829; Aug. 16.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Driving means for centrifugal machines. 2,128,575; Aug. 30.
- Roberts, Eugene, Hastings, assignor to The Western States Machine Company, New York, N. Y. Apparatus for mixing and conditioning massecuite. 2,128,873; Aug. 30.
- Roberts, Eugene, Hastings, assignor to The Western States Machine Company, New York, N. Y. Gauging centrifugal linings. 2,139,464; Dec. 6.
- Roberts, Franklin B. (See Hoppe, W., and Roberts.)
- Roberts, Fred T., Malone, N. Y. Rubber ball. 2,131,756; Oct. 4.
- Roberts, Frederic M., Schenectady, and E. H. Sills, Scotia, N. Y., assignors to General Electric Company. Control system. 2,104,674; Jan. 4.
- Roberts, George, Jr. (See Robinson, G. W., and Roberts.)
- Roberts, George I. (See Dirkes, R. F., and Roberts.)
- Roberts, Glyn P., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,105,298; Jan. 11.
- Roberts, Glyn P., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,105,299; Jan. 11.
- Roberts, Glyn P., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,111,330; Mar. 15.
- Roberts, Glyn P., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,140,971; Dec. 20.
- Roberts-Gordon Appliance Corporation. (See Cochrane, Adam B., assignor.)
- Roberts, Horace A., Huddersfield, England. Manufacture of cartridge cases. 2,137,350; Nov. 22.
- Roberts, Hugh, Jr., assignor to Cen-Tennial Cotton Gin Company, Columbus, Ga. Conveyor-distributor for cotton and like materials. 2,106,380; Jan. 25.
- Roberts, Hugh, Jr., Gastonia, N. C., assignor to Cen-Tennial Cotton Gin Company, Columbus, Ga. Extractor feeder. 2,127,123; Aug. 16.
- Roberts, Ingham S., Ridley Park, Pa. Toy loom. 2,110,822; Mar. 8.
- Roberts, James H., Osceola, Ark. Pump packing means. 2,129,009; Sept. 6.
- Roberts, Joel M., Racine, Wis. Excavating bucket. 2,136,890; Nov. 15.
- Roberts, John T., St. Louis, Mo. Piston ring expander. 2,124,794; July 26.
- Roberts, Joseph K. (See Carpenter, M. T., Ruthruff, and Roberts.)
- Roberts, Joseph K., Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Treatment of hydrocarbon oils. 2,130,988; Sept. 20.
- Roberts, Joseph K., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,132,129; Oct. 4.
- Roberts & Mander Stove Company. (See Antrim, W. D., and Schlemmer, assignors.)
- Roberts, Millard J., N. Tonawanda, N. Y. Burner. 2,123,204; July 12.
- Roberts, Oscar L., Merwood Park, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,116,540; May 10.
- Roberts, Oscar L., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,123,205; July 12.
- Roberts, Oscar L., Merwood Park, assignor to The Atlantic Refining Company, Philadelphia, Pa. Wax treatment. 2,125,314; Aug. 2.
- Roberts, Ovid E., Jr., New Rochelle, N. Y. Producing stable hydrocarbon lubricants. 2,119,403; May 31.
- Roberts, Ovid E., Jr., Washington, D. C. Fixation of nitrogen. 2,134,206; Oct. 25.
- Roberts, Ovid E., Jr., Washington, D. C. Synthesis of ammonia. 2,138,122; Nov. 29.
- Roberts, Ray H. (See Link, K. P., Niemann, and Roberts.)
- Roberts, Reese J., Torrance, Calif. Battery terminal connector. 2,110,918; Mar. 15.
- Roberts, Robert P. (See Kinsella, E., Bower, Briggs, and Roberts.)
- Roberts, Roy W., Toledo, Ohio. Adjustable hand brace. 2,112,577; Mar. 29.
- Roberts and Schaefer Company. (See Dietrich, Werner, assignor.)
- Roberts, Thomas, Haverhill, assignor to United Shoe Machinery Corporation, Boston, Mass. Lasting machine. 2,131,847; Oct. 4.
- Roberts, Walter V. (See Brown, C. H., and Roberts.)
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Oscillation generation. 2,114,113; Apr. 12.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Oscillatory system. 2,114,114; Apr. 12.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Regenerative detector. 2,115,875; May 3.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Receiver noise limiter circuit. 2,115,876; May 3.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Radio clock. 2,118,109; May 24.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Signal controlled siren oscillator circuit. 2,122,672; July 5.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Combined amplification and tuning controls. 2,124,211; July 19.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Tuning range adjustment device. 2,129,026; Sept. 6.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Receiver noise limiting circuit. 2,129,027; Sept. 6.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Automatic gain control circuit. 2,129,028; Sept. 6.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Automatic noise suppression circuits. 2,129,029; Sept. 6.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Noise suppressor circuit. 2,135,949; Nov. 8.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Superheterodyne receiver. 2,140,115; Dec. 13.
- Roberts, Walter V. B., Princeton, N. J., assignor to Radio Corporation of America. Automatic volume control with noise suppression. 2,111,736; Mar. 22.
- Roberts, Walter V. B., Princeton, N. J., assignor to Radio Corporation of America. Local oscillator circuit tuning device. 2,111,737; Mar. 22.
- Roberts, Walter V. B., Princeton, N. J., assignor to Radio Corporation of America. Tuning arrangement for automobile radios. 2,111,738; Mar. 22.
- Roberts, Walter van B. (See Brown, C. H., and Roberts.)
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Superheterodyne converter network. 2,104,100; Jan. 4.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Electric phase controlling circuit. 2,125,127; July 26.
- Roberts, Wilfred O., Detroit, Mich. Water motor attachment for faucets. 2,137,951; Nov. 22.
- Roberts, Willard A., Cleveland Heights, Ohio, assignor to General Electric Company. Fluorescent material. 2,132,273; Oct. 4.
- Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,131,148; Oct. 25.
- Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,130,677; Nov. 8.
- Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,138,308; Nov. 29.
- Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,140,652; Dec. 20.
- Robertsshaw Thermostat Company. (See Newell, Robert E., assignor.)



- Robertshaw Thermostat Company. (See Vedoe, Anton M., assignor.)
- Robertson, Benjamin G., assignor to Finishing Systems Incorporated, Louisville, Ky. Matched veneer stencil. 2,141,020; Dec. 20.
- Robertson, Clark J. (See Robertson, Edward A., assignor.)
- Robertson, Cleo A., Oxford, assignor of one-half to T. H. Morgan, Winfield, Kans. Doorbell. 2,122,953; July 5.
- Robertson, Delmar D., Lansdowne, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring construction. 2,117,986; May 17.
- Robertson, E. M., et al. (See Hill, Richard D., assignor.)
- Robertson, Edgar C., Western Springs, assignor to The Translode Joint Company, Chicago Heights, Ill. Road joint brace. 2,121,302; June 21.
- Robertson, Edward A., Western Springs, assignor to C. J. Robertson, Brookfield, Ill. Highway guard fence. 2,136,710; Nov. 15.
- Robertson, Frederick N., Vancouver, British Columbia, Canada. Door lock. 2,121,263; June 21.
- Robertson, George L., West Philadelphia, Pa. Adjustable head safety razor. 2,125,811; Aug. 2.
- Robertson, H. H., Company. (See Hubbell, Dean S., assignor.)
- Robertson, H. H., Company. (See Young, James H., assignor.)
- Robertson, H. H., Company. (See Young, J. H., and Wiesmann, assignors.)
- Robertson, Harold D., Vancouver, British Columbia, Canada. Shower bath. 2,121,985; June 28.
- Robertson, Harold J., Tulsa, Okla., assignor to Sinclair Refining Company, New York, N. Y. Demulsifying cut oils and the like. 2,127,140; Aug. 16.
- Robertson, Harold J., Tulsa, Okla., assignor to Sinclair Refining Company, New York, N. Y. Composition and process for demulsifying cut oils and the like. 2,127,141; Aug. 16.
- Robertson, John, Incorporated. (See Jacobson, Conrad C., assignor.)
- Robertson, John D., and W. G. Staples, assignors to Mount Hope Finishing Company, Dighton, Mass. Fabric and method of and apparatus for treating the same. 2,110,118; Mar. 1.
- Robertson, John H., London, England. Charge cooler. 2,105,267; Jan. 11.
- Robertson, John S., Melbourne, Victoria, Australia. Separating granular material. 2,125,812; Aug. 2.
- Robertson, Milton S. (See Streif, R. J., and Robertson.)
- Robertson Paper Box Company. (See Bonville, Edward J., assignor.)
- Robertson Paper Box Company. (See Tiskey, Walter J., assignor.)
- Robertson, Ralph W., Los Angeles, Calif. Amplifying stringed instrument. 2,139,099; Dec. 6.
- Robertson, Reuel R., Easton, Pa. Pull-in clothesline. 2,134,264; Oct. 25.
- Robertson, Reuel R., Easton, Pa. Clothesline supporting apparatus. 2,137,183; Nov. 15.
- Robertson, Robert R., Chicago, Ill. Traffic lane divider. 2,136,709; Nov. 15.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Center and transverse contraction joint. 2,119,355; May 31.
- Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Double dowel bar expansion joint. 2,121,303; June 21.
- Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Expansion joint. 2,121,573; June 21.
- Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago, Ill. Road expansion joint. 2,130,859; Sept. 20.
- Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road joint end seal. 2,138,615; Nov. 29.
- Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Contraction joint with peripheral seal. 2,139,465; Dec. 6.
- Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Expansion joint with peripheral seal. 2,141,559; Dec. 27.
- Robertson, Roy C., Pochontas, Miss. Firearm. 2,132,761; Oct. 11.
- Robertson, William B., London, E. C. 4, England. Collapsible portable book rest. 2,111,406; Mar. 15.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Printing mechanism for cash registers. 2,116,214; May 3.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,117,451; May 17.
- Robertson, William W., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle changing loom. 2,135,146; Nov. 1.
- Robertson, William W., Northboro, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tube frame for axminster looms. 2,135,147; Nov. 1.
- Robertson, William W., Northboro, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Rope drum for needle looms. 2,141,670; Dec. 27.
- Robes, Ernest C., Jr., Hanover, N. H. Sleeping pack. 2,133,717; Oct. 18.
- Robeson, Ralph M., Los Angeles, Calif. Gate valve body. 2,130,652; Sept. 20.
- Robichaux, Sosthene. (See Barrett, G. J., and Robichaux.)
- Robichaux, Sosthene, et al. (See Cutrer, C. C., and Broussard, assignors.)
- Robidoux, Conrad R., West Hartford, Conn. Carburetor. 2,131,848; Oct. 4.
- Robie, George F. (See Flynn, E. P., and Robie.)
- Robie, Norman P., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive products and manufacturing the same. 2,111,006; Mar. 15.
- Robie, Norman P., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Coated abrasive article and making the same. 2,128,966; Sept. 6.
- Robie, Norman P., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Production of abrasive materials. 2,130,194; Sept. 13.
- Robie, Norman P., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and manufacturing the same. 2,135,626; Nov. 8.
- Robie, Norman P., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Abrasive. 2,138,882; Dec. 6.
- Robillard, Gaspard, assignor of one-half to O. Bisson, Montreal, Quebec, Canada. Machine for making cement blocks and the like. 2,129,162; Sept. 6.
- Robinet, Aimé J. (See Crescent, A. J. A., and Robinet.)
- Robinette, Willard C., Pasadena, Calif. Color analyzer and reproducer. 2,132,048; Oct. 4.
- Robins, Ben W., Haddon Heights, N. J., assignor to Radio Corporation of America. Testing device. 2,130,032; Sept. 13.
- Robins, May J., Katonah, N. Y. Toy construction kit. 2,132,647; Oct. 11.
- Robinson, Adrian A., Chicago, Ill., assignor to Wilson & Co., Inc. Laminated product. 2,105,268; Jan. 11.
- Robinson, Adrian A., Chicago, Ill., assignor to Wilson & Co., Inc. Molding powder and product. 2,105,269; Jan. 11.
- Robinson, Albert E., Torrington, Conn. Bath tub steam eliminator. 2,116,281; May 3.
- Robinson, Allen. (See Dennis, W. W., and Robinson.)
- Robinson Brothers Limited. (See Parkes, D. W., and Evans, assignors.)
- Robinson, Charles A. (See Caswell, J. A., and Robinson.)
- Robinson, Charles A. (See Thomas, W. D., and Robinson.)
- Robinson, Charles E., Philadelphia, and J. F. Holloway, Aldan, Pa. Extensible truck. 2,113,964; Apr. 12.
- Robinson, David M., assignor to The Stanley Works, New Britain, Conn. Overhead door construction. 2,139,383; Dec. 6.
- Robinson, Donald E., executor. (See Parks, Albert F.)
- Robinson, E. S. & A., Limited. (See Jones, Alfred J., assignor.)
- Robinson, Edward C. (See Harriman, C. E., and Robinson.)
- Robinson, Edward L., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat treating steel. 2,125,128; July 26.
- Robinson, Edward L., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Working alloys. 2,128,054; Aug. 23.
- Robinson, Edwin A., Elizabeth, N. J., and G. M. Richardson, Kingsport, Tenn. Lubrication and conditioning of yarns and filaments. 2,112,117; Mar. 22.
- Robinson, Edwin B., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Limestone cement and preparing the same. 2,111,992; Mar. 22.
- Robinson, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,110,679; Mar. 8.
- Robinson, Eugene O., Hutchinson, Kans. Tank-carrying truck. 2,131,673; Sept. 27.
- Robinson, F. Warner, New York, N. Y. Making paper products. 2,126,922; Aug. 16.
- Robinson, Francis T., Rockville Centre, assignor to Arkell Safety Bag Company, New York, N. Y. Lining for containers and machine for and method of forming the same. 2,121,053; June 21.
- Robinson, Frank E., Shaker Heights, Ohio. Material handling device. 2,113,712; Apr. 12.
- Robinson, Frederick W., Jenks, assignor of one-fourth to F. W. Bailey, one-tenth to H. Hone, and one-tenth to R. C. McDonough, Tulsa, Okla. Fluid packed plunger for pumps. 2,104,274; Jan. 4.
- Robinson, Gale S., Seattle, Wash. Flag device for flexible sheets. 2,112,048; Mar. 22.
- Robinson, George W., Houston, Tex., and G. Roberts, Jr., Montclair, assignors to The Polymerization Process Corporation, Jersey City, N. J. Conversion of hydrocarbons. 2,118,822; May 31.
- Robinson, Harold C., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Start-stop distributor system. 2,121,163; June 21.
- Robinson, Harold C., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Totalizing system. 2,121,164; June 21.
- Robinson, Harry C., Chattanooga, Tenn. Display rack. 2,119,442; May 31.
- Robinson, Herand, Columbus, Ohio. Apparatus for locating tension or pressure on the medulla oblongata and adjacent tissues. 2,111,677; Mar. 22.



- Robinson, Herbert M., Philadelphia, assignor to American Die & Tool Company, Reading, Pa. Braking mechanism. 2,121,366; June 21.
- Robinson, Herbert M., Philadelphia, Pa., assignor to Reliable Machine Screw Sales Co., Inc., Newark, N. J. Coupling. 2,138,940; Dec. 6.
- Robinson, Hilyard R., Washington, D. C., and A. J. C. Knudstrup, Vienna, Va. Lamp. 2,130,447; Sept. 20.
- Robinson, Holton D., New York, N. Y. Anchorage for suspension bridge cables. 2,127,235; Aug. 16.
- Robinson, Hugh D. (See Young, F. H., and Robinson.)
- Robinson, James, London, England. Wireless receiving system. 2,117,680; May 17.
- Robinson, James, London, England. Indicating apparatus. 2,122,622; July 5.
- Robinson, James, London, England. Wireless and like receiver. 2,138,746; Nov. 29.
- Robinson, James, Mill Hill, London, England. Receiver for wave signals. 2,138,747; Nov. 29.
- Robinson, James, assignor to British Radiostat Corporation, Limited, London, England. Selective receiver for wave signals. 2,138,042; Nov. 29.
- Robinson, James M., Evansville, Ind. Scanning device. 2,136,926; Nov. 15.
- Robinson, John D., Modesto, Calif. Stove. 2,129,371; Sept. 6.
- Robinson, Joseph, New York, N. Y. Electric vaporizer. 2,135,555; Nov. 8.
- Robinson, Joseph, New York, N. Y., assignor of one-half to R. M. Wolvin, Montreal, Quebec, Canada. Automatic train pipe coupling head. 2,122,439; July 5.
- Robinson, Joseph, New York, N. Y., assignor of one-half to R. M. Wolvin. Automatic train pipe connector. 2,138,883; Dec. 6.
- Robinson, Joseph, New York, N. Y., assignor of one-half to R. M. Wolvin. Automatic train pipe connector. 2,138,884; Dec. 6.
- Robinson, Joseph, New York, N. Y., assignor of one-half to R. M. Wolvin. Automatic train pipe connector. 2,141,196; Dec. 27.
- Robinson, Lawrence R., Cleveland, Ohio. Shelter equipment and assembling the same. 2,114,061; Apr. 12.
- Robinson, Paul, Lansdowne, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins and compositions containing them. 2,123,206; July 12.
- Robinson, Preston, Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 2,111,993; Mar. 22.
- Robinson, Preston, Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 2,116,449; May 3.
- Robinson, Preston, Williamstown, and J. L. Collins, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,119,628; June 7.
- Robinson, Preston, Williamstown, and J. L. Collins, South Boston, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,122,392; June 28.
- Robinson, Preston, Williamstown, and J. L. Collins, South Boston, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,122,393; June 28.
- Robinson, Reed W., and A. Olsen, Jr., San Francisco, Calif. Controlled-grain sugar. 2,106,762; Feb. 1.
- Robinson, Thomas, Brooklyn, N. Y. Stretcher, bed, cot, and the like. 2,118,780; May 24.
- Robinson, Thomas, Smithtown, assignor to Lancaster Processes, Inc., New York, N. Y. Surfacing. 2,118,526; May 24.
- Robinson, Thomas, Smithtown, assignor to Lancaster Processes Inc., New York, N. Y. Roofing element. 2,129,030; Sept. 6.
- Robinson, Van K., Bremerton, Wash. Pipe joint welding clamp. 2,108,077; Feb. 15.
- Robinson, Walter J., assignor of one-third to C. H. Stocking and one-third to C. A. Reading, Ann Arbor, Mich. Precooking leguminous food products. 2,141,364; Dec. 27.
- Robinson, Walter W., Anniston, Ala. Thermostat. 2,124,633; July 26.
- Robinson, William B., Sayville, N. Y., assignor to William B. Robinson Corporation. Roofing strip. 2,110,579; Mar. 8.
- Robinson, William B., Corporation. (See Robinson, William B., assignor.)
- Robinson, William J., and J. J. Galligan, Providence, R. I., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Cut seaming machine. 2,117,452; May 17.
- Robinson, William R., Niles, Ohio. Range boiler. 2,127,269; Aug. 16.
- Robison, Floyd W., assignor to Pure Fruit Juices, Inc., Detroit, Mich. Blending fruit juices. 2,120,261; June 14.
- Robison, Russel, San Francisco, and G. H. Mosel, Burlingame, Calif. Bracket jack. 2,124,314; July 19.
- Robison, Samuel C. (See Kronquest, A. L., and Robison.)
- Robison, William H., Sparta, Ill. Seam lock for roll roofing. 2,110,402; Mar. 8.
- Robitaille, Ray, and J. Muggab, Detroit, Mich. Cribbage and card scoring board. 2,111,331; Mar. 15.
- Robot Products Corporation. (See Osuch, Francis J., assignor.)
- Robson, Duer C. (See Johnson, F. V., and Robson.)
- Robson, Hector H., Scarsdale, N. Y., assignor to United Fruit Company, Boston, Mass. Air circulating method and apparatus. 2,111,938; Mar. 22.
- Robson, James T., Euclid, and G. R. Sylvester, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Kiln. 2,117,994; May 17.
- Robson, Stanley, Durham Park, Bristol, Gloucester, and T. B. Gyles, Clifton, Bristol, Gloucester, assignors to National Processes Limited, London, England. Roasting of ores, especially zinc sulphide ores containing lead and/or cadmium. 2,131,786; Oct. 4.
- Roby, Frank H., Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Welder control system. 2,124,795; July 26.
- Roby, William G., Park Ridge, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Fastener member and installation of the same. 2,141,878; Dec. 27.
- Rocard, Yves, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Electronic oscillator tube. 2,115,877; May 3.
- Rocard, Yves A., Paris, France, assignor to Pollopos Patents Limited, London, England. Stabilizing equipment for vehicles, particularly ships. 2,130,929; Sept. 20.
- Rocca, Enrico, Dalmine, Italy. Device for drying, compacting, gauging and polishing pipes and casings of fibro-cement and similar material. 2,113,096; Apr. 5.
- Roche, Albert T. (See Kane, James H., assignor.)
- Roche, Clifton R., Los Angeles, Calif., assignor to Bendix Products Corporation, South Bend, Ind. Freewheeling apparatus and clutch control. 2,127,754; Aug. 23.
- Rocher, Etienne J., Johannesburg, Transvaal, Union of South Africa. Timing mechanism. 2,123,382; July 12.
- Rochester Manufacturing Co. (See Ford, George E., assignor.)
- Rochester Manufacturing Company. (See Hastings, H., and Ford, assignors.)
- Rochester Telephone Corporation. (See Vincent, William J., assignor.)
- Rochl, Pompeo, Jamaica, N. Y. Tool holder. 2,119,217; May 31.
- Röchling, Hermann, and O. Johannsen, Volklingen-Saar, Germany, assignors to H. A. Brassert & Co. Limited, London, England. Manufacture of steel from low-grade phosphorus-containing acid iron ores. 2,133,571; Oct. 18.
- Rochocz, Willy, assignor, by mesne assignments, to Jack Greenbaum, Baltimore, Md. Welding rod. 2,113,222; Apr. 5.
- Rochte, Augustine T., Tiffin, Ohio. Peening tool. 2,121,669; June 21.
- Ročić, Ivan, New York, N. Y. Combination range, broiler, toaster, and oven. 2,134,376; Oct. 25.
- Ročić, Ivan, New York, N. Y. Master cooker combination. 2,134,377; Oct. 25.
- Rock, Arthur A., deceased, by M. Rock, executrix, Wauwatosa, Wis. Polishing spacebands. 2,131,639; Sept. 27.
- Rock, Harry J., Carteret, N. J. Protector device for cigarettes in a package. 2,134,341; Oct. 25.
- Rock, Ida R., Brooklyn, assignor to Silhouette Form Co. Inc., New York, N. Y. Moldable and adjustable display form. 2,127,941; Aug. 23.
- Rock, Monica. (See Rock, Arthur A.)
- Rockall, George A. and W. A. E., assignors to W. P. Ampehoff, London, England. Log for measuring the distance traveled by water-borne vessels. 2,136,756; Nov. 15.
- Rockall, William A. E. (See Rockall, George A. and W. A. E.)
- Rockbestos Products Corporation. (See Greenleaf, John W., assignor.)
- Rockbestos Products Corporation. (See Reeves, Beauford H., assignor.)
- Rockefeller, Harry E., New York, N. Y., and J. M. Halbing, Bloomfield, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Welding apparatus. 2,116,870; May 10.
- Rocker, William P. (See Schwab, R. W., Jr., and Rocker.)
- Rockett, Joseph M., B. J. Isherwood, and C. H. Read, Fall River, Mass. Automatic reversing signal device. 2,132,188; Oct. 4.
- Rock of Ages Corporation. (See Ball, Eldon W., assignor.)
- Rockoff, Joseph. (See Freedlander, A. L., and Rockoff.)
- Rockola, David C., Chicago, Ill. Parking meter. 2,130,155; Sept. 13.
- Rockola, David C., Chicago, Ill. Visible coin chute. 2,136,891; Nov. 15.
- Rockola, David C., assignor to Rock Ola Manufacturing Corporation, Chicago, Ill. Game apparatus. 2,104,574; Jan. 4.
- Rock-Ola Manufacturing Corporation. (See Becker, Fred F., assignor.)
- Rock Ola Manufacturing Corporation. (See Rockola, David C., assignor.)
- Rock Ola Manufacturing Corporation. (See Williams, Harry E., assignor.)
- Rock Ola Manufacturing Corporation. (See Wupper, B. F., and Davis, assignors.)
- Rockstroh, Joachim, Cologne-Deutz, Germany, assignor, by mesne assignments, to National Lead Company, New York, N. Y. Alkali metal titanates. 2,111,460; Mar. 15.
- Rockwell Barnes Company. (See Salsman, Thomas J., assignor.)



- Rockwell-Barnes Company. (See Salsman, T. J., and Marchok, assignors.)
- Rockwell, Edward A., Chicago, Ill., assignor, by mesne assignments, to General Auto Parts Corporation. Fluid pressure brake. Re. 20,910; Nov. 8.
- Rockwell, Edward A., Chicago, Ill., assignor, by mesne assignments, to General Auto Parts Corporation. Vacuum brake booster. 2,135,114; Nov. 1.
- Rockwell, Edward A., Forest Hills, Long Island, N. Y., assignor, by mesne assignments, to General Auto Parts Corporation. Electroflow power supply system. 2,136,638; Nov. 15.
- Rockwell, Edward A., and J. J. Shively, New York, N. Y., assignors to Patent Engineering Corporation. Power transmitting device. 2,131,787; Oct. 4.
- Rockwell, Hugh M., Freeport, N. Y. Aircraft and engines therefor. 2,108,411; Feb. 15.
- Rockwell, John A., Phoenix, Ariz. Centrifugal fan. 2,135,053; Nov. 1.
- Rockwell, Paul O. (See Goshorn, J. C., and Rockwell.)
- Rockwood, Chester D., and K. L. Osmun, assignors to The Union Selling Company, Cincinnati, Ohio. Treating paper. 2,107,343; Feb. 8.
- Rockwood & Co. (See Jones, W. T., and Dotzer, assignors.)
- Rockwood & Co. (See Zenlea, Benjamin J., assignor.)
- Rockwood, George H., Jr., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Grid controlled rectifier circuit. 2,140,922; Dec. 20.
- Rockwood Manufacturing Company. (See Hamerstadt, William D., assignor.)
- Rockwood Sprinkler Company of Massachusetts. (See Kendall, Horace C., assignor.)
- Roco, Albert L. (See Layne, L. A., Roco, and Block.)
- Rocque, John T., Newport, Vt. Building material. 2,128,540; Aug. 30.
- Rocuskie, Edward, New York, N. Y. Mechanical toy. 2,108,726; Feb. 15.
- Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret, France. Damping means for magnetic speedometers. 2,117,212; May 10.
- Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret, France. Electric switch with manometric control. 2,117,213; May 10.
- Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret, France. Altimeter. 2,135,950; Nov. 8.
- Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret (Seine), France. Windshield lifting device. 2,135,951; Nov. 8.
- Rodd, Brent T., and G. E. Judd, Fort Myers, Fla. Storm center locator. 2,141,696; Dec. 27.
- Rodda, Bertie N., Prospect, South Australia, Australia. Auxiliary grain and/or fertilizer distributor for seed-sowing implements. 2,114,356; Apr. 19.
- Rodda, Sidney. (See Bull, C. S., and Rodda.)
- Rodda, Sidney. (See Shoenberg, I. Bull, and Rodda.)
- Rode, Friedrich J., Toledo, Ohio. Temperature control for hydraulic cushions. 2,113,311; Apr. 5.
- Kodeghier, Frederick, Joliet, Ill. Hydraulic clutch. 2,107,344; Feb. 8.
- Rodell, C. Herman, et al. (See Cornwell, Leroy, assignor.)
- Røder, Carl Frederik Løve, Copenhagen, Denmark, assignor to F. L. Smith & Company, New York, N. Y. Mill control. 2,136,907; Nov. 15.
- Rodess, Samuel C., Huntington Park, Calif. Bird cage. 2,120,262; June 14.
- Rodger, Stuart J., assignor to J. Strauss and I. H. Goldman, New York, N. Y. Phonograph turntable drive. 2,119,218; May 31.
- Rodgers, Dominick, Pittsburgh, Pa. Disintegrator. 2,133,756; Oct. 18.
- Rodgers, Elbert A., Fort Worth, Tex. Flow controlling valve for oil wells. 2,128,475; Aug. 30.
- Rodgers, Karl F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal connection for electrical devices. 2,137,809; Nov. 22.
- Rodgers, Paul C., administrator. (See Paul, Harold S.)
- Rodler, Arthur W., Davenport, Iowa. Cartridge feeding mechanism. 2,123,915; July 19.
- Rodler, Waldo E. (See Choate, R. E., Rodler, and Leech.)
- Rodman Chemical Company. (See Rodman, Hugh, assignor.)
- Rodman, Clarence A., and J. B. Tanner, Detroit, Mich. Apparatus for freezing and dispensing comestibles. 2,137,655; Nov. 22.
- Rodman, Clarence J., assignor to The Steel Sanitary Company, Alliance, Ohio. Manufacturing a tub. 2,114,150; Apr. 12.
- Rodman, Clarence J., assignor to The Steel Sanitary Company, Alliance, Ohio. Making tubs. 2,135,877; Nov. 8.
- Rodman, Harold L., Baltimore, Md. Figure toy. 2,120,191; June 7.
- Rodman, Hugh, Chicago, Ill. Carburetor control device. 2,115,878; May 3.
- Rodman, Hugh, Oakmont, assignor to Rodman Chemical Company, Verona, Pa. Water treatment. 2,107,765; Feb. 8.
- Rodman, Thomas E. (See Overmier, E., Bates, and Rodman.)
- Rodney Hunt Machine Company. (See Frusher, Tom, Jr., assignor.)
- Rodnick, Samuel, New York, N. Y. Cookie machine. 2,104,529; Jan. 4.
- Rodrick, Raymond A., Akron, Ohio. Windshield wiping device. 2,127,142; Aug. 16.
- Rodrigues, Octavius V., Passaic, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y. Magazine for razor blades. 2,109,017; Feb. 22.
- Rodrigues, Octavius V., Passaic, N. J., assignor to Magazine Repeating Razor Company. Magazine for magazine razors. 2,111,739; Mar. 22.
- Rodrigues, Octavius V., Passaic, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor. 2,138,353; Nov. 29.
- Roe, Arthur. (See Kroft, V. E., and Roe.)
- Roe, Caleb D., Richmond, Calif. Water closet seat support. 2,109,829; Mar. 1.
- Roe, Chester M., Hasbrouck Heights, N. J. Packing for stuffing boxes and the like. 2,112,545; Mar. 29.
- Roe, Mayo E. (See Roe, William C. and M. E.)
- Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, assignors to The Colson Corporation, Elyria, Ohio. Vehicle of the tricycle or velocipede type. 2,107,506; Feb. 8.
- Roe, Nathaniel, Patchogue, N. Y. Control device for oil burners. 2,105,931; Jan. 18.
- Roe, William C. and M. E., assignors to The Colson Corporation, Elyria, Ohio. Inhalator. 2,136,085; Nov. 8.
- Roebeling, Donald, Clearwater, Fla. Boat propulsion. 2,138,207; Nov. 29.
- Roebeling's, John A., Sons Company. (See Green, Richard D., assignor.)
- Roebeling's, John A., Sons, Company. (See Sunderland, Charles C., assignor.)
- Roebuck, Alvah C., Evanston, Ill. Convertible material working machine. 2,105,009; Jan. 11.
- Roebuck, Leslie N., Melbourne, Australia, and S. J. Everett, Thornton Heath, England; said Everett assignor to said Roebuck. Mechanism for grinding artificial dentures. 2,106,125; Jan. 18.
- Roedding, Gordon E., and G. B. Nelson, assignors to Grand Rapids Brass Company, Grand Rapids, Mich. Latch. 2,113,747; Apr. 12.
- Roehm, Erwin G. (See Romaine, M., and Roehm.)
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Pattern controlled milling machine. 2,107,063; Feb. 1.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Multiple automatic pattern controlled milling machine. 2,111,332; Mar. 15.
- Roehm, William A., Lynbrook, N. Y. Spraying device and refill for same. 2,104,763; Jan. 11.
- Roehri, Carl, Chicago, Ill. Plastic metal molding machine. 2,113,410; Apr. 5.
- Roelen, Otto. (See Martin, F., Roelen, and Feisst.)
- Roelen, Otto, Oberhausen-Holten, assignor to Studien- und Verwertungsgesellschaft m. b. H., Mulheim-Ruhr, Germany. Removing sulphur compounds from gases. 2,110,241; Mar. 8.
- Roelen, Otto, Mulheim-Ruhr, and W. Feisst, Oberhausen-Holten, assignors to Studien- und Verwertungsgesellschaft mit beschränkter Haftung, Mulheim-Ruhr, Germany. Desulphurizing gases. 2,110,240; Mar. 8.
- Roelfsema, Petrus J., Walnut Creek, assignor to Shell Development Company, San Francisco, Calif. Fractionation. 2,104,310; Jan. 4.
- Roelfsema, Petrus J., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Distillation process. 2,113,965; Apr. 12.
- Roemer, Friedrich, Ebenhausen, near Munich, assignor to Metallschlauch-Fabrik Pforzheim vorm. Hch. Witzmann Gesellschaft mit beschränkter Haftung, Pforzheim, Baden, Germany. Flexible metal tube. 2,132,189; Oct. 4.
- Roemer, Henry A., Youngstown, Ohio, and R. F. Renkin, Sharon, Pa., assignors of one-third to J. M. Hughes, Youngstown, Ohio. Method of terne coating. 2,126,578; Aug. 9.
- Roemer, Ralph R., assignor, by mesne assignments, to H. R. Canfield, Cleveland, Ohio. Concrete cart. 2,124,956; July 26.
- Roemer, William C., assignor to Winchester Repeating Arms Company, New Haven, Conn. Breakdown firearm. 2,125,956; Aug. 9.
- Roemer, William C., assignor to Winchester Repeating Arms Company, New Haven, Conn. Slide-action firearm. 2,126,816; Aug. 16.
- Roemisch, Allen V., Inglewood, Calif. Concrete form tie. 2,133,574; Oct. 18.
- Roen, Raymond N., Duchess, Alberta, Canada. Safety device for hydraulic brakes. 2,128,853; Aug. 30.
- Roesch, Frank P., Chicago, Ill., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Locomotive tender. 2,121,328; June 21.
- Roesch, Frank P., Chicago, Ill., assignor, by mesne assignments, to Standard Stoker Company (1922), Inc., New York, N. Y. Locomotive and tender. 2,122,114; June 28.



- Roesch, Georg, Cologne-Muhlheim, Germany, P. Nawiaskey, Summit, N. J., and K. Saftien, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compound of the pyrazoloanthraquinone series. 2,132,191; Oct. 4.
- Roesch, Siegfried, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Microscope. 2,105,671; Jan. 18.
- Roesch, Stephen J. (See Myers, J. W., and Roesch.)
- Roesch Porcelain Construction, Inc. (See Miner, John H., assignor.)
- Roesener, Harry W., Philadelphia, Pa., assignor to Merchantville Hosiery Company, Merchantville, N. J. Flat knitting machine. 2,132,496; Oct. 11.
- Roesener, Harry W., Philadelphia, Pa., assignor to Merchantville Hosiery Company, Merchantville, N. J. Knitted hosiery toe. 2,136,892; Nov. 15.
- Roesener, Harry W., Philadelphia, Pa., assignor to Merchantville Hosiery Company, Merchantville, N. J. Knitting full-fashioned hosiery toe. 2,136,893; Nov. 15.
- Roesner, Gerhard. (See von Girssewald, Conway, Baron, Weidmann, and Roesner.)
- Roessler, Edward W., Nutley, N. J., assignor to General Electric Company. Air conditioning system. 2,112,049; Mar. 22.
- Roessler, Edward W., Schenectady, N. Y., assignor to General Electric Company. Selective control for air conditioning apparatus. 2,133,872; Oct. 18.
- Roethel, John H., Detroit, Mich. Door handle assembly. 2,104,403; Jan. 4.
- Roethel, John H., assignor to Automobile Ventilation Inc., Detroit, Mich. Ventilating window mechanism. 2,120,115; June 7.
- Roethel, John H., assignor to Ferro Stamping and Manufacturing Company, Detroit, Mich. Check arm. 2,125,247; July 26.
- Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Hinge construction. 2,126,579; Aug. 9.
- Roetheli, Bruno E., and E. E. Stahly, Baton Rouge, La., assignors to Standard Oil Development Company. Dispersion of olefins in acid polymerization. 2,131,191; Sept. 27.
- Roge, Edward, Chicago, Ill., assignor to Lever Brothers Company, Cambridge, Mass. Valve for can filling machines. 2,141,618; Dec. 27.
- Rogers, Addison J., Cleveland Heights, Ohio. Window structure. 2,122,182; June 28.
- Rogers, Caleb D., Ellicott City, Md. Snow remover. 2,119,443; May 31.
- Rogers, Charles E., Novi, Mich. Deodorizing and pasteurizing liquids. 2,115,470; Apr. 26.
- Rogers, Charles E., Detroit, Mich. Apparatus for sterilizing lacteal liquids. 2,122,954; July 5.
- Rogers, Charles M., assignor of one-fourth to L. W. Marks and one-fourth to S. Hecklin, Spartanburg, S. C. Transfer fork for looms. 2,116,159; May 3.
- Rogers, Clarence T., assignor to E. T. Condon, New York, N. Y. Fluid-operated change-speed gear. 2,108,270; Feb. 15.
- Rogers, Clifford R. (See Baker, D. B., Rogers, and Panzgrau.)
- Rogers, Clifford R. (See Johnston, E. A., Baker, and Rogers.)
- Rogers, Clifford R., Oak Park, Ill., assignor to International Harvester Company. Drawbar structure. 2,138,512; Nov. 29.
- Rogers, Clifford W. (See Doll, J. L., and Rogers.)
- Rogers, Dominick, Pittsburgh, Pa. Liquid level indicator. 2,112,635; Mar. 29.
- Rogers, Donald A., Petersburg, and E. W. Bowen, Prince George County, Va., assignors to The Solvay Process Company, New York, N. Y. Phthalic acid manufacture. 2,128,323; Aug. 30.
- Rogers, Donald G., Ridgewood, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production and separation of isomeric aminohydroxy anthraquinones. 2,118,445; May 24.
- Rogers, Eldon J. C. (See Isbell, G., and Rogers.)
- Rogers, Ernest J., Dover, N. H. Making welts. 2,117,824; May 17.
- Rogers, Glenn A., assignor, by mesne assignments, to The Magnolite Corporation, Los Angeles, Calif. Animated sign. 2,119,558; June 7.
- Rogers, Harold G., assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute harness. 2,130,564; Sept. 20.
- Rogers, Harry L., Brooklyn, N. Y. Receptacle and closure therefor. 2,107,216; Feb. 1.
- Rogers, Hugh L., Albion, Pa. Cleaning tool. 2,136,595; Nov. 15.
- Rogers, Jackson D., Bay Village, Ohio. Chair structure. 2,115,879; May 3.
- Rogers, Jay, Brooklyn, N. Y. Fountain pen. 2,130,195; Sept. 13.
- Rogers, John E. (See Douglas, P. H., and Rogers.)
- Rogers, Kenneth S., Niles Township, Berrien County, assignor to Niles Metalcraft Company, Niles, Mich. Mop. 2,108,727; Feb. 15.
- Rogers, Lewis W., assignor to Hydraulic Coupling Patents Limited, London, England. Means for use in the rotary drilling of bore holes. 2,123,344; July 12.
- Rogers, Lumbus L., Houston, Tex. Casket and hardware therefor. 2,121,885; June 28.
- Rogers, Maurice A. T. (See Blackshaw, H., and Rogers.)
- Rogers, Maurice A. T. (See Saunders, K. H., and Rogers.)
- Rogers, Max. (See Drummond, R. W., and Rogers.)
- Rogers, Owen A., Newark, assignor to Driver-Harris Company, Harrison, N. J. Electrode material and making the same. 2,108,004; Feb. 8.
- Rogers, Paul M., Hastings on Hudson, N. Y. Manufacturing mops and the like. 2,122,623; July 5.
- Rogers Radio Tubes Ltd. (See Parker, Henry W., assignor.)
- Rogers, Raymond R., New York, N. Y., assignor to P. A. E. Armstrong, Westport, Conn. Electroplating copper. 2,133,255; Oct. 11.
- Rogers, Robinson W., Orlando, Fla. Orange juice extractor. 2,116,325; May 3.
- Rogers, Stephen C., Lynn, Mass., assignor to General Electric Company. Lamp support for projectors. 2,107,906; Feb. 8.
- Rogers, Victor E. (See Torgeson, G. A., and Rogers.)
- Rogers, Walter F., Oak Park, assignor to Crown Stove Works, Cicero, Ill. Stove door. 2,110,176; Mar. 8.
- Rogge, Albert C. (See Gordon, H., and Rogge.)
- Rogge, Albert C., Columbus, Ohio, assignor to Perma Corporation, Chicago, Ill. Wood heel slotting machine. 2,117,769; May 17.
- Roggenstein, Edwin, Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriter punch combination. 2,135,220; Nov. 1.
- Rogier, Clarence F. (See Baur, J. W., Van Zuilen, and Rogier.)
- Rohatyn, Isaac W., New York, N. Y. Waist band for garments. 2,107,046; Feb. 1.
- Rohde, Carlos J., and M. T. Menier, assignors of one-half to R. C. Rohde, New York, N. Y., and one-half to said Menier, Rotatable dispensing and measuring device. 2,104,332; Jan. 4.
- Rohde, Rose C., et al. (See Rohde, C. J., and Menier, assignors.)
- Rohde, Otto C., assignor to Champion Spark Plug Company, Toledo, Ohio. Spark plug, insulating material therefor, and making the same. 2,136,467; Nov. 15.
- Rohland, Curt J., East Providence, R. I., assignor to The Nestle-Lemur Company, New York, N. Y. Making hair waving pads. 2,121,986; June 28.
- Rohleder, Charles. (See Barsky, G., Klinkenstein, Rohleder, and Silleck.)
- Rohlin, Victor A., assignor to Cochrane Corporation, Philadelphia, Pa. Apparatus for heating and deaerating water. 2,138,354; Nov. 29.
- Rohm & Haas Company. (See Andrews, Chester E., assignor.)
- Rohm & Haas Company. (See Andrews, C. E., and Spence, assignors.)
- Rohm & Haas Company. (See Bauer, Walter, assignor.)
- Rohm & Haas Company. (See Bauer, W., and Weisert, assignors.)
- Rohm & Haas Company. (See Bruson, Herman A., assignor.)
- Rohm & Haas Company. (See Bruson, H. A., and Covert, assignors.)
- Rohm & Haas Company. (See Bruson, H. A., and Eastes, assignors.)
- Rohm & Haas Company. (See Bruson, H. A., and Stein, assignors.)
- Rohm & Haas Company. (See Covert, L. W., and Andrews, assignors.)
- Rohm & Haas Company. (See Fenske, M. R., and Andrews, assignors.)
- Rohm & Haas Company. (See Heckert, L. C., and Peet, assignors.)
- Rohm & Haas Company. (See Helwig, Edward L., assignor.)
- Rohm & Haas Company. (See Hester, William F., assignor.)
- Rohm & Haas Company. (See Murphy, Donald F., assignor.)
- Rohm & Haas Company. (See Neher, Harry T., assignor.)
- Rohm & Haas Company. (See Neher, H. T., and Hollander, assignors.)
- Rohm & Haas Company. (See Niederl, J. B., and Smith, assignors.)
- Rohm & Haas Company. (See Plauson, Hermann, assignor.)
- Rohm & Haas Company. (See Rohm, Otto, assignor.)
- Rohm & Haas Company. (See Rohm, O., and Bauer, assignors.)
- Rohm & Haas Company. (See Rohm, O., Schottenhammer, and Gröner, assignors.)
- Rohm & Haas Company. (See Russell, A., and Copenhaver, assignors.)
- Rohm & Haas Company. (See Schummer, A., and Trommsdorff, assignors.)
- Rohm & Haas Company. (See Spence, Le Roy C., assignor.)
- Rohm & Haas Company. (See Sperr, Frederick W., Jr., assignor.)
- Rohm & Haas Company. (See Thackston, William J., assignor.)
- Rohm & Haas Company. (See Turley, H. G., and Somerville, assignors.)
- Rohm & Haas Company. (See Waldschmidt Leitz, E., and Ziegler, assignors.)
- Rohm, Otto, Darmstadt, Germany. Fanning process. 2,115,880; May 3.
- Rohm, Otto, Darmstadt, Germany. Producing unbleached hides with the aid of mold tryptases. 2,132,579; Oct. 11.



- Röhm, Otto, Darmstadt, Germany. Producing deaired hides with the aid of mold tryptases in alkaline solution. 2,139,209; Dec. 6.
- Röhm, Otto, Darmstadt, assignor to Röhm & Hass Company, Philadelphia, Pa. Polymerization process. 2,129,478; Sept. 6.
- Röhm, Otto, and W. Bauer, Darmstadt, Germany, assignors, by mesne assignments, to Röhm & Haas Company, Philadelphia, Pa. Artificial substance. 2,104,168; Jan. 4.
- Röhm, Otto, K. Schottenhammer, and E. Gröner, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Slipproof fabric. 2,134,579; Oct. 25.
- Röhm, Robert, Pforzheim-Brotzingen, and L. Neidlein, Pforzheim, assignors, by mesne assignments, to N. Bernheimer, Karlsruhe, Baden, Germany. Multiple lead pencil. 2,140,653; Dec. 20.
- Rohmer, Frank D., Midland, assignor to Bockl Corporation, Pittsburgh, Pa. Relay for automobile lighting circuits. 2,105,756; Jan. 18.
- Rohn, Chester F. and F. A., Milwaukee, Wis. Shoe structure. 2,107,129; Feb. 1.
- Rohn, Franklyn A. (See Rohn, Chester F. and F. A.)
- Rohn, Wilhelm, Hanau-on-the-Main, Germany. Electric induction furnace. 2,133,634; Oct. 18.
- Rohn, Wilhelm, assignor to the firm Heraeus-Vacuumschmelze Aktiengesellschaft, Hanau-on-the-Main, Germany. Electrically heated annealing furnace. 2,104,886; Jan. 11.
- Rohn, Wilhelm, assignor to Heraeus-Vacuumschmelze A. G., Hanau-on-the-Main, Germany. Making steel. 2,139,853; Dec. 13.
- Rohnfeld, Johannes, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Micro condenser. 2,119,115; May 31.
- Rohr, Henry C. (See Halbleib, E. A., Rohr, and Wallis.)
- Rohrbach, Adolf, Berlin-Wilmersdorf, Germany, assignor to Rohrbach Patents Corporation, Dover, Del. Aircraft. 2,123,916; July 19.
- Rohrbach, Fred L., Washington, D. C., assignor of one-half to F. B. Netherland, Kenwood, Md. Oil filter with renewable filtering element. 2,117,361; May 17.
- Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lock means for coupling elements in ophthalmic mountings or the like. 2,111,333; Mar. 15.
- Rohrbach Patents Corporation. (See Rohrbach, Adolf, assignor.)
- Rohrbacher, Karl, Berlin, Germany. Method and device for feeding leaf-like workpieces to a separating device. 2,140,719; Dec. 20.
- Rohrbaugh, Paul M., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Packer for wells. 2,122,754; July 5.
- Rohrer, Carlisle G. (See Lion, H. S., and Rohrer.)
- Rohrer, John M., Orwigsburg, Pa. Shoe-sole laying mechanism. 2,132,440; Oct. 11.
- Rohrig, Charles H., Jefferson Township, Fayette County, assignor of one-half to C. A. Thorman, Oren Township, Fayette County, Iowa. Bank protective system. 2,110,177; Mar. 8.
- Röhrig, Hans, Lautawerk/Lausitz, Germany. Sheathed electrode. 2,112,578; Mar. 29.
- Rohrmann, Paul, Breslau, Germany. Convertible chair. 2,141,094; Dec. 20.
- Rohwer, Ferdinand C., Elkhorn, Nebr. Hay sweep. 2,138,711; Nov. 29.
- Roirant, Emile, assignor to Societe Anonyme d'Etudes et de Constructions d'Appareils Mecaniques pour la Verrierie, Paris, France. Machine for the manufacture of blown glass articles of great capacity. 2,134,342; Oct. 25.
- Rokkjar, Christian, Sedro Woolley, Wash. Inverted piston pump. 2,139,972; Dec. 13.
- Roko Corporation. (See Coberly, Clarence J., assignor.)
- Rola Company, The. (See Engholm, Bernard A., assignor.)
- Roland, John, assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Air conditioning unit. 2,118,328; May 24.
- Roland, Orville A., Quincy, Ill. Denture kit. 2,104,470; Jan. 4.
- Roland, William E., assignor of one-half to F. S. Lee, Los Angeles, Calif. Quotation board. 2,121,390; June 21.
- Rolčik, Miroslav, Brunn-Husovice, assignor to Ceskoslovenská Zbrojovka A. S. Brno, Brno, Czechoslovakia. Adjusting mechanism for firearms. 2,107,803; Feb. 8.
- Roll, Walter H., Kansas City, Mo., assignor of one-third to D. G. Dayton, Omaha, Nebr., and one-third to F. C. Hutchison, Kansas City, Mo. Trinket. 2,109,092; Feb. 22.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Head retainer for shipping and storage vessels. 2,111,372; Mar. 15.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container. 2,113,059; Apr. 5.
- Rolle, Clifford J., Yonkers, assignor to Ault & Wiborg Corporation, New York, N. Y. Coating composition. 2,115,214; Apr. 26.
- Rolle, Karl J., Cranston, assignor to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Nozzle closure means for containers and washers for use therein. 2,127,424; Aug. 16.
- Rollefson, Karl E., Evanston, assignor to The Muter Company, Chicago, Ill. Electrical resistance unit and manufacture. 2,119,292; May 31.
- Rollefson, Karl E., Evanston, assignor to The Muter Company, Chicago, Ill. Electrical resistance unit. 2,130,156; Sept. 13.
- Roller, Harry C., Glendale, Calif. Adhesive. 2,134,006; Oct. 25.
- Roller, Robert, Haddonfield, N. J. Energized base for a cordless electric iron. 2,129,286; Sept. 6.
- Roller-Smith Company. (See Wood, Joseph D., assignor.)
- Rollston, Lancelot O., Glens Falls, assignor to International Paper Company, New York, N. Y. Manufacture of soluble cellulose. 2,126,044; Aug. 9.
- Rollins, Arch D., assignor, by mesne assignments, to Temporoator Company, Chicago, Ill. Dispatcher. 2,136,711; Nov. 15.
- Rollins, Arch D., assignor, by mesne assignments, to Temporoator Company, Chicago, Ill. Annunciator. 2,139,466; Dec. 6.
- Rollmann, Hans. (See Szerenyi, A., and Rollmann.)
- Rollmann, Kaufmann & Co., Société au nom collectif. (See Szerenyi, A., and Rollmann, assignors.)
- Rolls Razor Limited. (See Elliott, Eric M., assignor.)
- Rolls Royce Limited. (See Leslie, Ivan A., assignor.)
- Rolls-Royce Limited. (See West, Harold E. W., assignor.)
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire having means for reducing the apparent size of the light source. 2,115,178; Apr. 26.
- Rolph, Thomas W., Newark, Ohio, and H. L. Logan, New Rochelle, assignors to Holophane Company, Inc., New York, N. Y. Luminaire. 2,122,295; June 28.
- Romaine, Millard, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Index head. 2,137,462; Nov. 22.
- Romaine, Millard, and W. D. Archea, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool. 2,115,236; Apr. 26.
- Romaine, Millard, Cincinnati, and E. G. Roehm, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Control circuit for broaching machines. 2,139,173; Dec. 6.
- Roman, Walter G. (See Ludwig, L. R., Roman, Johnson, and Berkey.)
- Romanelli, Emilio, Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Swaging machine. 2,126,923; Aug. 16.
- Romano, John F., Weatherly, Pa. Safety match package. 2,115,540; Apr. 26.
- Romanow, Frank F., West Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,106,813; Feb. 1.
- Romati, Cesare, and L. Lanzetti, Turin, Italy. Closure for collapsible tubes. 2,129,873; Sept. 13.
- Romeis, Arthur J., Chippewa Falls, Wis. Tube closure device. 2,105,615; Jan. 18.
- Romeo, Charles, Brooklyn, N. Y. Scraper. 2,116,282; May 3.
- Romeo, Salvatore A., Brooklyn, N. Y. Vehicle spring suspension. 2,104,245; Jan. 4.
- Römer, Elizabeth, New York, N. Y. Automatic multiphoto apparatus. 2,106,814; Feb. 1.
- Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Finishing ferrous metal. 2,114,151; Apr. 12.
- Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Coating zinc. 2,121,574; June 21.
- Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Coating metal. 2,132,438; Oct. 11.
- Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Producing phosphate coated ferrous articles. 2,132,439; Oct. 11.
- Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Coating ferrous metal with a water insoluble metallic phosphate. 2,132,883; Oct. 11.
- Rommel, Paul J., Jackson Heights, N. Y. Stirring means. 2,111,407; Mar. 15.
- Romolgo, Rhombodo, West Los Angeles, Calif. Thermometer case. 2,116,283; May 3.
- Rompe, Robert, Berlin, Germany, assignor to General Electric Company. Infrared generator. 2,116,689; May 10.
- Rompe, Robert, Berlin, and W. Thouret, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,135,734; Nov. 8.
- Romulus Gray Iron Foundry. (See Seestedt, L. L., Ridge, and Luff, assignors.)
- Róna, Josef, Budapest, Hungary. Printing apparatus. 2,124,376; July 19.
- Rona, Maurice, New Brunswick, N. J. Adjusting device for taking X-ray pictures. 2,111,903; Mar. 22.
- Ronay, Bela, Annapolis, Md. Arcronograph. 2,106,190; Jan. 25.
- Ronci, Victor L. (See Clark, J. E., Ekstrand, and Ronci.)
- Ronci, Victor L. (See Clark, J. E., and Ronci.)
- Ronci, Victor L. (See Depew, C., and Ronci.)
- Ronci, Victor L. (See Hale, D. A. S., and Ronci.)
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,105,506; Jan. 18.



- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,105,507; Jan. 18.
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,111,602; Mar. 22.
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,119,559; June 7.
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Forming glass to metal seals. 2,125,315; Aug. 2.
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Forming glass to metal seals. 2,125,316; Aug. 2.
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,125,317; Aug. 2.
- Rondelle, Louis G., San Francisco, Calif. Automobile motor attachment. 2,119,027; May 31.
- Ronk, George T., Lanark, Ill. Road and railway car. 2,138,043; Nov. 29.
- Roof, Frank L., Greensburg, Pa. Snap hook. 2,135,771; Nov. 8.
- Rook, Charles R., Gloucester, Mass., assignor to Birdseye Electric Corporation, Dover, Del. Reflecting incandescent lamp. 2,117,039; May 10.
- Rook, Clay H. (See Rook, James A. and C. H.)
- Rook, James A. and C. H., Los Angeles, Calif. Ignition device. 2,129,239; Sept. 6.
- Rooke, Robert M., Jersey City, N. J., and F. C. Saacke, assignors to Air Reduction Company, Incorporated, New York, N. Y. Welding. 2,141,021; Dec. 20.
- Rooker, William A., Martinsburg, W. Va. Powdered pectin. 2,109,950; Mar. 1.
- Roon, Leo, New York, N. Y. assignor to Nuodex Products Co. Inc., Newark, N. J. Liquids such as driers suitable for paint or varnish and processes for making them. 2,139,134; Dec. 6.
- Roon, Leo, New York County, N. Y., and W. Gotham, Union Township, Union County, assignors to Nuodex Products Co., Inc., Elizabeth, N. J. Reaction between organic salts or soaps and other materials. 2,113,496; Apr. 5.
- Roos, Ed., Company. (See Ziegler, Walter, assignor.)
- Roos, Hans, Leverkusen, I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Manufacture of azo dyestuffs. 2,109,183; Feb. 22.
- Roos, Hans, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,127,986; Aug. 23.
- Roos, Hans, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,129,964; Sept. 13.
- Roos, Hans, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. After-treatment of dyeings on cellulosic fibers. 2,136,757; Nov. 15.
- Roos, Walther, assignor to Waropa A. G., Basel, Switzerland. Method of and device for cooling dental tools, such as drills or the like. 2,124,831; July 26.
- Rosen, Rudolf, Cologne, Germany. Sound producer. 2,119,649; June 7.
- Rosenstein, Hans O., Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie. Relay circuit. 2,115,881; May 3.
- Rosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Conductor for radio frequency currents. 2,122,893; July 5.
- Rosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Power supply system. 2,123,968; July 19.
- Rosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Serrated wave form generator. 2,139,467; Dec. 6.
- Roosevelt, Marcus S., Highland Park, Mich., and G. L. Bezold, assignors to The Hamilton Autographic Register Company, Hamilton, Ohio. Manifold attachment for typewriters. 2,111,805; Mar. 22.
- Roosman, Madis, New York, N. Y. Game. 2,120,075; June 7.
- Root, John J., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Control circuit. 2,128,324; Aug. 30.
- Root, John J., and F. J. Sowa, South Bend, Ind., assignors to International Engineering Corporation, Chicago, Ill. Refrigeration. 2,131,119; Sept. 27.
- Root, Joseph J., Jr., assignor to Union Tank Car Company, Chicago, Ill. Tool for applying dust guard caps to journal boxes. 2,140,334; Dec. 13.
- Root, Le Roy P., Brooklyn, N. Y., and F. O'L. Killorin, Watertown, Conn., assignors to Scovill Manufacturing Company, Waterbury, Conn. Combined bottle closure and liquid dispenser. 2,105,202; Jan. 11.
- Rooth, Gunnar, Linköping, Sweden. Packing disks in piles and discharging the packets obtained. 2,120,780; June 14.
- Rooth, Gunnar, Linköping, Sweden. Device for packing sealing disks. 2,140,766; Dec. 20.
- Roper, Geo. D., Corporation. (See Larson, Swan E., assignor.)
- Roper, John M., Washington, D. C. Electric socket. 2,135,534; Nov. 8.
- Roper, Val J., Cleveland Heights, Ohio, assignor to General Electric Company. Apparatus for testing projection lamps. 2,120,869; June 14.
- Roper, Val J., Cleveland Heights, Ohio, assignor to General Electric Company. Incandescent lamp. 2,120,870; June 14.
- Roques, Louis, assignor to Louis Roques et Georges Arrachequesne, Paris, France. Knitting frame for elastic fabric having unextensible zones. 2,132,971; Oct. 11.
- Roques, Louis, et Georges Arrachequesne. (See Roques, Louis, assignor.)
- Rorabaugh, Harold G., Otis, Colo. Hay fork attachment. 2,130,472; Sept. 20.
- Rorden, Harold L., Barborton, assignor to The Ohio Brass Company, Mansfield, Ohio. Rectifier and capacitor charger. 2,120,002; June 7.
- Rorden, Harold L., Barborton, assignor to The Ohio Brass Company, Mansfield, Ohio. Multiple arcing gap. 2,135,352; Nov. 1.
- Rorden, Harold L., Barborton, assignor to The Ohio Brass Company, Mansfield, Ohio. Arcing electrode. 2,135,353; Nov. 1.
- Roem, Bernard E., Evanston, Ill. Record keeping device. 2,106,856; Feb. 1.
- Rorison, William B., Plainfield, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Defrosting heat exchanger surfaces. 2,117,104; May 10.
- Rosabal, Antonio, Alajuela, Costa Rica. Plastering machine. 2,142,071; Dec. 27.
- Rosback, F. P., Company, The. (See Pratt, William A., assignor.)
- Rosberg, Nels H., Los Angeles, Calif. Refrigerated motion picture stage. 2,136,758; Nov. 15.
- Rosborough, William M., Charlotte, N. C. Self-locking cotter pin. 2,126,346; Aug. 9.
- Rosch, Arthur, Brieselang, near Nauen, Germany, assignor to General Electric Company. Throttle valve. 2,114,858; Apr. 19.
- Rosch, Arthur, Brieselang, near Nauen, Germany, assignor to General Electric Company. Extraction turbine arrangement. 2,123,064; July 5.
- Rosch, Arthur, Brieselang, near Nauen, and H. Neumann, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Extraction turbine arrangement. 2,108,614; Feb. 15.
- Rösch, Georg, Cologne-Mühlheim, Germany, P. Nawiasky, Summit, N. J., and K. Saftien, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuff. 2,132,190; Oct. 4.
- Rösch, Gustav, Valparaiso, Chile. Permanent-hair-waving machine. 2,127,784; Aug. 23.
- Roscher, Arthur, and F. von Herrenburger, assignors to the firm R. Seelig & Hille, Dresden, Germany. Preparation of self-filtering ground coffee. 2,134,276; Oct. 25.
- Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Filing cabinet and receptacle forming a part thereof. 2,125,813; Aug. 2.
- Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Drawer and the like. 2,129,965; Sept. 13.
- Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Paper fastener. 2,136,021; Nov. 8.
- Roscoe, Merrill W., Batavia, Ill., assignor to International Harvester Company. Ear retarder for corn huskers. 2,129,744; Sept. 13.
- Roscoe, Robert, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Dispensing apparatus. 2,133,474; Oct. 18.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Apparatus for drawing plastic material. 2,120,790; June 14.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Transfer and setting-up of collapsed cartons. 2,134,418; Oct. 25.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Wrapping machine. 2,137,656; Nov. 22.
- Rose Brothers (Gainsborough) Limited. (See Rose, Alfred G., assignor.)
- Rose, Carl G. (See Boyer, J. A., and Rose.)
- Rose-Derry Company. (See Rose, Edward, assignor.)
- Rose, Donald F., Riverside, assignor of one-half to W. P. Walkley, Providence, R. I. Drip receptacle for ice refrigerators. 2,130,930; Sept. 20.
- Rose, E. J., Manufacturing Company of California. (See Rose, Edgar J., assignor.)
- Rose, Edgar J. (See Dorr, Edwin L., assignor.)
- Rose, Edgar J. (See McClelland, Arthur H., assignor.)
- Rose, Edgar J., assignor to E. J. Rose Manufacturing Company of California, Inc., Los Angeles, Calif. Electrode for diathermy treatment and the like. 2,130,758; Sept. 20.
- Rose, Edgar J., assignor to E. J. Rose Manufacturing Company of California, Inc., Los Angeles, Calif. Electrode for diathermy treatment. 2,130,759; Sept. 20.
- Rose, Edward, assignor to Rose Derry Company, Newton, Mass. Mattress. 2,100,005; Jan. 18.
- Rose, Edwin L., Watertown, Conn., and F. S. Hodgman, Glen Rock, N. J., assignors to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,100,782; Mar. 1.



- Rose, Edwin L., Watertown, assignor to The Waterbury Tool Company, Waterbury, Conn. Relief valve for power transmissions. 2,134,803; Nov. 1.
- Rose, Edwin L., Watertown, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,141,935; Dec. 27.
- Rose, Edwin L., and R. L. Tweedale, assignors to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,122,045; June 28.
- Rose, Elmer N., Oceanside, Calif. Game. 2,131,332; Sept. 27.
- Rose, Francis L. (See Mendoza, M., and Rose.)
- Rose, Francis L., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs. 2,120,814; June 14.
- Rose, Francis L., Blackley, England, assignor to Imperial Chemical Industries Limited. Copper containing mondazo dyestuffs and preparing them. 2,128,325; Aug. 30.
- Rose, Frederick B., Kansas City, Mo. Window construction. 2,121,714; June 21.
- Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric conversion system. 2,128,055; Aug. 23.
- Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,130,902; Sept. 20.
- Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sectionalizing of sectional type rectifiers. 2,134,580; Oct. 25.
- Rose, Herbert A., Leonia, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Impulsing device for use with grid-controlled rectifiers. 2,135,598; Nov. 8.
- Rose, Herbert A., Leonia, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic disconnect for rectifiers. 2,137,063; Nov. 15.
- Rose, Henry L., Victoria, British Columbia, Canada. Wheel. 2,140,168; Dec. 13.
- Rose, James R., Edgeworth, assignor of three-fourths to M. L. Benedum and J. C. Trees, Pittsburgh, Pa. Manufacturing gasoline. 2,126,281; Aug. 9.
- Rose, James R., Edgeworth, assignor of three-fourths to M. L. Benedum and J. C. Trees, Pittsburgh, Pa. Catalyst and making the same. 2,126,282; Aug. 9.
- Rose, James R., Edgeworth, assignor of three-fourths to M. L. Benedum and J. C. Trees, Pittsburgh, Pa. Manufacturing gasoline or other liquid hydrocarbons. 2,126,283; Aug. 9.
- Rose, James R., Edgeworth, assignor of three-fourths to M. L. Benedum and J. C. Trees, Pittsburgh, Pa. Catalyst. 2,126,284; Aug. 9.
- Rose, Jess C. (See Bardwell, C., Erickson, and Rose.)
- Rose, Joseph, New York, N. Y. Building wall construction. 2,128,886; Aug. 30.
- Rose, Julius, Brooklyn, N. Y. Monocycle. 2,107,766; Feb. 8.
- Rose, Lily A. (See Horton, H. A., and Rose.)
- Rose, Lynn E., assignor of two-fifths to G. Felton, one-fifth to R. Thede, and one-fifth to D. E. Farr, Aledo, Ill. Checkrow planter. 2,107,649; Feb. 8.
- Rose, Maurice L., San Francisco, Calif. Incinerator. 2,107,507; Feb. 8.
- Rose, William, assignor to B. F. Gump Co., Chicago, Ill. Magnetic separator. 2,139,468; Dec. 6.
- Rose, William B., New York, N. Y. Necktie and making the same. 2,106,256; Jan. 25.
- Rose, William G., College Park, Md., and H. L. J. Haller, Washington, D. C.; dedicated to the free use of the People in the territory of the United States of America. Insecticide. 2,140,481; Dec. 13.
- Rose, William H., Jersey City, N. J. Pouring device. 2,110,026; Mar. 1.
- Rose, William H., Jersey City, N. J. Dust spraying device. 2,126,924; Aug. 16.
- Rose, William H., Jersey City, N. J., assignor to Stanco Incorporated. Dusting material cartridge. 2,116,714; May 10.
- Rose, William H., Jersey City, N. J., assignor to Stanco Incorporated. Dust gun. 2,116,715; May 10.
- Rose, William H., Jersey City, N. J., assignor to Stanco Incorporated. Dust gun. 2,116,716; May 10.
- Rose, William H., Jersey City, N. J., assignor to Stanco Inc. Dust gun cartridge with air deflector. 2,117,362; May 17.
- Rose, William H., Jersey City, N. J., assignor to Stanco Incorporated. Nasal douche. 2,135,052; Nov. 1.
- Rose, William K., New York, N. Y. Airfoil. 2,125,738; Aug. 2.
- Rosebrook, Homer E., and O. I. De Graw, assignors to Gibson Electric Refrigerator Corporation, Greenville, Mich. Refrigerating apparatus. 2,110,635; Mar. 8.
- Rosebush, Waldo E., Millwood, Wash. Stuffing and sealing machine. 2,114,814; Apr. 19.
- Rosebush, Waldo E., Millwood, Wash. Moistener. 2,136,468; Nov. 15.
- Roseby, Philip N., Woodvale, near Southport, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. High frequency current generating and distribution system. 2,141,489; Dec. 27.
- Rosedale Knitting Co. (See Moser, Robert E., assignor.)
- Rosefield, Joseph L., Alameda, Calif. Peanut butter package. 2,141,725; Dec. 27.
- Roselius, Frederick, Great Neck, assignor to George A. Krug Baking Company, Jamaica, N. Y. Package. 2,124,930; July 26.
- Roseman, Joseph A., Glenview, Ill. Bed knife adjustment for mowing machines. 2,126,139; Aug. 9.
- Roseman, Leo, Newark, N. J. Duplex separable fastener. 2,105,333; Jan. 11.
- Roseman, Leo, Newark, N. J. Stitched snap fastener tape. 2,113,771; Apr. 12.
- Roseman, Leo, Newark, N. J. Locking snap fastener. 2,114,429; Apr. 19.
- Roseman, Leo, Newark, N. J. Locking snap fastener. 2,114,430; Apr. 19.
- Roseman, Leo, Newark, N. J. Locking stud and socket snap fastener. 2,114,431; Apr. 19.
- Roseman, Leo, Newark, N. J. Device for predetermining location of fasteners. 2,117,453; May 17.
- Rosen, Abraham W., New York, N. Y. Clamping means for mirrors for motor vehicles. 2,109,142; Feb. 22.
- Rosen, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,106,920; Feb. 1.
- Rosen, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,106,932; Feb. 1.
- Rosen, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,109,735; Mar. 1.
- Rosen, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,109,783; Mar. 1.
- Rosen, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Engine starting means. 2,119,794; June 7.
- Rosen, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Piston. 2,132,805; Oct. 11.
- Rosen, David, assignor to H. L. Davidson, Minneapolis, Minn. Hookless or zipper fastener. 2,124,448; July 19.
- Rosen, David, New York, N. Y., assignor to Metallic Container Corporation, Jersey City, N. J. Container closing and opening means. 2,135,602; Nov. 8.
- Rosen, Oscar E., Detroit, Mich. Duplicating machine. 2,138,208; Nov. 29.
- Rosen, Raphael, Cranford, N. J., assignor to Standard Oil Development Company. Oil composition. 2,112,305; Mar. 29.
- Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Dehydrogenation of hydrocarbons. 2,126,817; Aug. 16.
- Rosen, Raphael, Cranford, H. E. Buc, Roselle, and R. B. Lebo, Elizabeth, N. J., assignors to Standard Alcohol Company. Manufacture of isopropyl ether. 2,105,508; Jan. 18.
- Rosen, Raphael, Cranford, and C. A. Cohen, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of valuable products from petroleum hydrocarbons. 2,139,773; Dec. 13.
- Rosen, Rubin, Brooklyn, N. Y. Loose leaf binder. 2,120,648; June 14.
- Rosen, Samuel, Utica, N. Y. Bottle breaker. 2,125,651; Aug. 2.
- Rosen, Shy, Flushing, N. Y. Commodity wrapper. 2,115,318; Apr. 26.
- Rosenak, Theodore, Fox Point, assignor to Jos. Schlitz Brewing Company, Milwaukee, Wis. Window display. 2,120,472; June 14.
- Rosenbach, Johann. (See Steindorff, A., Platz, and Rosenbach.)
- Rosenbauer, Konrad, Linz-on-the-Danube, Austria. Fire hose nozzle. 2,130,745; Sept. 20.
- Rosenbaum, David, Baltimore, Md., assignor of one-half to F. M. Stevenson. Convertible cot and duplex chair. 2,121,100; June 21.
- Rosenbaum, Kurt, Rheinhausen/Lower Rhine, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Jointed coupling. 2,104,101; Jan. 4.
- Rosenberg, Abraham. (See Nissenbaum, Moses D., assignor.)
- Rosenberg, Aron H., New York, N. Y. Fibrous silk and the manner of its production. 2,141,253; Dec. 27.
- Rosenberg, Benjamin F., assignor to Scully-Jones & Company, Chicago, Ill. Boring tool. 2,105,757; Jan. 18.
- Rosenberg, David H., New York, N. Y. Miter forming device for curtains and the like. 2,124,714; July 26.
- Rosenberg, Fritz, Brooklyn, N. Y., and W. S. Evans, and J. Lutz, Philadelphia, Pa.; said Evans and Lutz assignors to said Rosenberg. Umbrella. 2,132,648; Oct. 11.
- Rosenberg, George. (See Kaplan, M., and Rosenberg.)
- Rosenberg, Goldie, Brooklyn, N. Y. Drapery mounting. 2,123,745; July 12.
- Rosenberg, Gordon W., Elkins Park, assignor of fifty one-hundredths to S. P. Weinberg, Philadelphia, Pa. Garment construction. 2,112,788; Mar. 29.
- Rosenberg, Heyman, New York, N. Y. Damper control device. 2,114,115; Apr. 12.
- Rosenberg, Heyman, New York, N. Y. Machine for making capped nut blanks. 2,120,649; June 14.
- Rosenberg, Heyman, New York, N. Y. Machine for making capped nuts from thimbles. 2,120,650; June 14.
- Rosenberg, Heyman, New York, N. Y. Damper control device. 2,129,505; Sept. 6.
- Rosenberg, Heyman, New York, N. Y. Socket head cap screw or like fastener. 2,136,523; Nov. 15.
- Rosenberg, Heyman, New York, N. Y. Forming cap screws or the like fasteners. 2,136,524; Nov. 15.
- Rosenberg, Joseph L. (See Guest, John F., assignor.)



- Rosenberg, Kurt, Berlin, Germany, assignor, by mesne assignments, to American Epok Inc., New York, N. Y. Electric arrangement for controlling electric lamps of a lamp screen. 2,119,870; June 7.
- Rosenberg, Kurt, Berlin, Germany, assignor, by mesne assignments, to American Epok Inc., New York, N. Y. Electrical arrangement for displaying pictures and communications. 2,121,987; June 28.
- Rosenberg, Philip S., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Pressure relief valve. 2,133,575; Oct. 18.
- Rosenberg, Ralph H., Grosse Pointe, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Hydraulic lock for vehicle springs. 2,127,755; Aug. 23.
- Rosenberg, Samuel, assignor to Reliable Knitting Works, Milwaukee, Wis. Knitted and reinforced headgear. 2,125,739; Aug. 2.
- Rosenberg, Stig E., Brockton, Mass. Apparatus for trimming or pinking leather or the like. 2,108,178; Feb. 15.
- Rosenberg, Stig E., Brockton, Mass. Perforating machine and operating the same. 2,108,447; Feb. 15.
- Rosenberg, Stig E., Brockton, Mass. Cutting die for ornamenting shoe-upper parts. 2,118,110; May 24.
- Rosenberger, Adolf. (See Rabe, Karl, assignor.)
- Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,108,210; Feb. 15.
- Rosenberger, William A., and W. L. Keefer, Hagerstown, Md., assignors to Pangborn Corporation. Abrading machine. 2,108,211; Feb. 15.
- Rosenberger, William A., and W. L. Keefer, assignors to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,116,160; May 3.
- Rosenblad, Curt F., Sodertälje, assignor to Aktiebolaget Rosenblads Patent, Stockholm, Sweden. Regulating the temperature of flowing media. 2,104,333; Jan. 4.
- Rosenblad, Curt F., assignor to Aktiebolaget Rosenblads Patent, Sodertälje, Sweden. Heat exchangers. 2,136,086; Nov. 8.
- Rosenblad, Curt F., Sodertälje, assignor to Aktiebolaget Rosenblads Patent, Stockholm, Sweden. Heat exchanger and making same. 2,136,153; Nov. 8.
- Rosenblatt, Samuel, New York, N. Y. Clothing. 2,123,969; July 19.
- Rosenbloom, Moses, Pottsville, Pa., assignor to Phillips-Jones Corporation, New York, N. Y. Garment. 2,121,304; June 21.
- Rosenblum, Israel, New York, N. Y. Producing oil-soluble phthalic acid, polybasic aliphatic acid resin. 2,116,125; May 3.
- Rosenblum, Israel, Jackson Heights, N. Y. Synthetic resin. 2,121,642; June 21.
- Rosenblum, Israel, Jackson Heights, Long Island, N. Y. Oil-soluble phenolic condensate. 2,131,757; Oct. 4.
- Rosendale, Stanley R., Mount Healthy, assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio. Safety device for container moving machinery. 2,107,345; Feb. 8.
- Rosener, Harold J., New Ulm, Minn. Road reflector. 2,127,700; Aug. 23.
- Rosener, Leland S., San Francisco, Calif., assignor to Great Western Electro-Chemical Company. Liquid caustic handling equipment. 2,127,962; Aug. 23.
- Rosenfeld, Isidor, New York, N. Y. Dress pattern. 2,131,390; Sept. 27.
- Rosenfeld, Joseph E., Battle Creek, Mich. Peritoneal divider. 2,134,265; Oct. 25.
- Rosenfeld, Max L. (See MacDonald, William W., assignor.)
- Rosenfeld, Mitchell H., Cleveland Heights, Ohio. Knot actuated stop motion. 2,126,348; Aug. 9.
- Rosenfeld, Paul W. (See Baumgarten, Paul, assignor.)
- Rosenfeld, Samuel, and S. E. Lenke, Brooklyn, assignors to M. A. Lenke, Port Washington, N. Y. Method of and pledget for the treatment of accessible hemorrhage with snake venom having blood coagulating properties in vitro. 2,120,630; June 14.
- Rosengarten, Mitchell G., Philadelphia, Pa. Golf practice mat or the like. 2,124,123; July 19.
- Rosenhauser, Erich, Dusseldorf-Benrath, assignor, to the firm Henkel & Cie, G. m. b. H., Dusseldorf, Germany. Sulphuric acid derivatives or organic acid amides. 2,120,512; June 14.
- Rosenhauser, Erich, Dusseldorf-Benrath, assignor to the firm Henkel & Cie, G. m. b. H., Dusseldorf, Germany. Sulphuric acid derivatives of organic acid amides. 2,139,037; Dec. 6.
- Rosenheimer, Adolph L., Jr., assignor to Kewaskum Aluminum Company, Kewaskum, Wis. Percolator. 2,122,046; June 28.
- Rosenkranz, J. A. (See Beckett, Farley D., assignor.)
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. End stapling machine. 2,109,910; Mar. 1.
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Machine for making box blanks. 2,124,796; July 26.
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machine Co. Machine for making wired box parts. 2,125,461; Aug. 2.
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Machine for stapling binding wire to box parts. 2,127,832; Aug. 23.
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Box making machine. 2,131,971; Oct. 4.
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Wire-severing mechanism. 2,140,169; Dec. 13.
- Rosenquist, John, Seattle, Wash. Fishline sinker. 2,136,847; Nov. 8.
- Rosenstein Bros. (See Rosenstein, Charles, assignor.)
- Rosenstein, Charles, assignor to Rosenstein Bros., Paterson, N. J. Making textile fabrics. 2,108,565; Feb. 15.
- Rosenstein, Charles, assignor to Rosenstein Bros., Paterson, N. J. Textile fabric and making same. 2,135,413; Nov. 1.
- Rosenstein, Ludwig, San Francisco, Calif., assignor, by mesne assignments, to Hagan Corporation, Pittsburgh, Pa. Treating water. Re. 20,754; June 7.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Recovery and conversion of the sulphur content of industrial gases. 2,107,907; Feb. 8.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Separating H<sub>2</sub>S and mercaptans from hydrocarbons. 2,110,403; Mar. 8.
- Rosenthal, Henry, New York, N. Y. Coffee and the treatment thereof. 2,123,207; July 12.
- Rosenthal, Henry, New York, N. Y. Extraction of petroleum from solid materials. 2,132,441; Oct. 11.
- Rosenthal, Herman, Ansonia, Conn. Hollow rubber water stopper. 2,117,629; May 17.
- Rosenthal, J. C. (See Sappington, Paul, assignor.)
- Rosenthal, Samuel, Cleveland, Ohio. Fly structure for overalls, trousers, and the like. 2,123,208; July 12.
- Rosenthal, Sidney, Great Neck, N. Y., assignor to Pilgrim Badge and Label Corporation, Cambridge, Mass. Tag for floor coverings or the like. 2,131,543; Sept. 27.
- Rosenthal, Sol R., Chicago, Ill. Book assembly. 2,127,619; Aug. 23.
- Rosenthal, Sol R., Chicago, Ill. Bacteria conveying mechanism. 2,134,378; Oct. 25.
- Rosenthal, William, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassiere. 2,115,398; Apr. 26.
- Rosenthal, William, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassiere and breast pad. 2,141,408; Dec. 27.
- Rosenthal, William, New York, and C. M. Sachs, Brooklyn, assignors to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassiere. 2,115,397; Apr. 26.
- Rosenzweig, Siegfried, Long Island City, N. Y. Vibration damper. 2,116,042; May 3.
- Rosett, Walter, Washington, D. C., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Stabilized absorbent solution for dehydrating air. 2,133,334; Oct. 18.
- Roshong, Roy G. (See Studer, C. W., and Roshong.)
- Rosinsky, Walter. (See Zorn, H., and Rosinsky.)
- Roskin, Israel, New York, N. Y. Finger ring. 2,136,218; Nov. 8.
- Rosmalt, John A., Manistee, Mich. Apparatus for and agitating pulp stock. 2,107,390; Feb. 8.
- Rosmalt, John A., Manistee, Mich. Pulp stock agitating apparatus. 2,135,261; Nov. 1.
- Rosner, Michael W., St. Paul, Minn. Propeller governor. 2,116,849; May 10.
- Ross, Aaron I., Decatur, Ill. Shade and curtain hanger. 2,118,714; May 24.
- Ross, Archibald S. (See Monk, R. H., and Ross.)
- Ross, Aylmer O., Conshohocken, Pa., assignor to Maro Corporation, New York, N. Y. Making seamless metallic containers by electrodeposition. 2,129,479; Sept. 6.
- Ross, Charles M., Mansfield, Mass., assignor to John D. Lewis, Incorporated. Soluble resin. 2,120,076; June 7.
- Ross, Colin A., assignor to Behr-Manning Corporation, Troy, N. Y. Sandpaper roll and protector therefor. 2,117,995; May 17.
- Ross, Ernest, Richmond Hill, assignor to United Research Corporation, Long Island City, N. Y. Talking motion picture apparatus. 2,114,608; Apr. 19.
- Ross, Ernest, Elmhurst, assignor to United Research Corporation, Long Island City, N. Y. Sprocket for motion picture films. 2,118,016; May 17.
- Ross, Ernest, Elmhurst, Long Island, assignor to United Research Corporation, Long Island City, N. Y. Talking motion picture projector. 2,127,143; Aug. 16.
- Ross, Ernest, Elmhurst, Long Island, assignor to United Research Corporation, Long Island City, N. Y. Grinding and polishing sprocket teeth. 2,129,031; Sept. 6.
- Ross, Ernest, Elmhurst, and P. Haas, Maspeth, Long Island, assignors to United Research Corporation, Long Island City, N. Y. Unitary mount for sound heads. 2,111,806; Mar. 22.
- Ross, Ernest, Elmhurst, and P. Haas, Maspeth, Long Island, assignors to United Research Corporation, Long Island City, N. Y. Multiple lamp mount. 2,111,807; Mar. 22.
- Ross, Fred, assignor to H. W. Klosterman, Portland, Ore. Primer valve for floor drains. 2,126,140; Aug. 9.
- Ross, Frederick N., Grosse Pointe Park, assignor to Briggs Manufacturing Company, Detroit, Mich. Upholstery fastener. 2,115,179; Apr. 26.
- Ross, Frederick N., assignor to Briggs Manufacturing Company, Detroit, Mich. Fastener device. 2,137,057; Nov. 22.



- Ross, Frederick N., assignor to Briggs Manufacturing Company, Detroit, Mich. Trim panel and fastener. 2,137,883; Nov. 22.
- Ross, Germain. (See Leonard, F. C., and Ross.)
- Ross, Harold L. (See Joyce, L. W., and Ross.)
- Ross, Harry L., Philadelphia, Pa. Article of furniture. 2,109,869; Mar. 1.
- Ross, J. O., Engineering Corporation. (See Byron, Ralph, assignor.)
- Ross, James W., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Guide and deflector for glass charges. 2,116,284; May 3.
- Ross, John, Custer, S. Dak. Dry concentrator. 2,129,874; Sept. 13.
- Ross, John K., New York, N. Y. Television apparatus. 2,128,967; Sept. 6.
- Ross, Joseph M., Bellaire, N. Y. Refrigerated insulation. 2,138,885; Dec. 6.
- Ross, King, Jackson Heights, Long Island, N. Y. Sound-on-film optical system. 2,120,263; June 14.
- Ross, Louis F., Kansas City, Mo. Rapid measuring or spacing gauge. 2,112,789; Mar. 29.
- Ross, Malcolm D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hydrogen-cooled dynamo-electric machine. 2,137,064; Nov. 15.
- Ross, Maurice W., Niles Center, and E. D. Tillson, Evanston, Ill. Lighting fixture. 2,124,432; July 19.
- Ross, Oscar A., New York, N. Y. Method and apparatus for recording sound. 2,124,473; July 19.
- Ross, Ralph P., Dallas, Tex. Demonstrating device. 2,130,967; Sept. 20.
- Ross, Ralph P., Dallas, Tex., assignor, by mesne assignments, to Installment Securities Agency, Inc., Minneapolis, Minn. Apparatus for displaying informational indicia. 2,130,966; Sept. 20.
- Ross, Raymond W., and S. H. Seberhagen, deceased, by S. Seberhagen, executrix, assignor to Leeds and Northrup Company, Philadelphia, Pa. Indicating, recording and/or controlling apparatus. 2,113,069; Apr. 5.
- Ross, Raymond W., and S. H. Seberhagen, deceased, by S. Seberhagen, executrix, assignors to Leeds and Northrup Company, Philadelphia, Pa. Exhibiting instrument. 2,113,748; Apr. 12.
- Ross, Robert G., Charlotte, N. C. Wardrobe for schools. 2,112,347; Mar. 29.
- Ross, Robert G., Charlotte, N. C. Wardrobe for school-houses. 2,113,468; Apr. 5.
- Ross, Simon G., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of reinforced shoe bottom units. 2,106,279; Jan. 25.
- Ross, Simon G., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Wood heel. 2,107,391; Feb. 8.
- Ross, William, assignor of one-third to B. F. J. Storton, San Diego, Calif. Direction signal for automobiles. 2,106,660; Jan. 25.
- Ross, William E., Milwaukee, Wis. Automatic barrel stacker and dispenser. 2,115,647; Apr. 26.
- Rossander, Swanie S. (See Hannum, C. W., and Rossander.)
- Rossander, Swanie S. (See Jordan, H., and Rossander.)
- Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Direct dyes, process, and product. 2,137,810; Nov. 22.
- Rossherg, Ehrhard, Berlin-Siemensstadt, and H. Wilseney, Berlin-Wilmersdorf, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Printing telegraphy. 2,112,306; Mar. 29.
- Rossell, William T., Brooklyn, assignor to Transit Research Corporation, New York, N. Y. Combined seat frame and stanchion. 2,139,852; Dec. 13.
- Rossi, George S., New York, assignor to Beaverite Products, Inc., Beaver Falls, N. Y. Advertising card or sign. 2,133,718; Oct. 18.
- Rossignol, Alfred A. A., A. E. Quatremaires, and A. L. Rossignol, Asnieres, France. Soldering or welding machine. 2,110,529; Mar. 8.
- Rossignol, Auguste L. (See Rossignol, A. A. A., Quatremaires, and Rossignol.)
- Rossman, Allen M., Wilmette, Ill. Frequency converter. N. Y. Stereoscopic viewer and photographic film for same. 2,117,910; May 17.
- Rossman, Allen M., Wilmette, Ill. Adjustable speed control. 2,137,989; Nov. 22.
- Rossman, Earl, assignor to Novelview, Inc., New York, 2,137,990; Nov. 22.
- Rossman, Edwin F., W. A. Chryst, and R. I. Bates, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Stabilizer. 2,133,773; Oct. 18.
- Rossman, Edwin F., and F. D. Funston, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Shock absorber. 2,138,513; Nov. 29.
- Rossman, Joseph, and C. L. Wagner, assignors to Marathon Paper Mills Company, Rothschild, Wis. Packaging sliced cheese. 2,109,093; Feb. 22.
- Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle brake. 2,119,650; June 7.
- Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,123,315; July 12.
- Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Transmission control for motor vehicles. 2,135,042; Nov. 1.
- Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Hydraulic brake system. 2,136,318; Nov. 8.
- Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Door lock. 2,141,225; Dec. 27.
- Rossner, Ernst, K. Börner, Premnitz/Westhavelland, and H. Mahn and W. Irion, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial articles from fibroin solutions. 2,107,959; Feb. 8.
- Rossow, Walter D., assignor to The Sterling Grinding Wheel Company, Tiffin, Ohio. Making abrasive articles. 2,136,022; Nov. 8.
- Rost, Helge. (See Vigren, S. D., and Rost.)
- Rost, Helge, Mexico, D. F., Mexico. Electric cable. 2,116,643; May 10.
- Rost, Helge, Mexico, D. F., Mex. Insulated cable. 2,123,746; July 12.
- Rost, Helge, Mexico, D. F. Mexico. Ammunition and firearm. 2,129,875; Sept. 13.
- Rost, Helge, Stockholm, Sweden. Electric cable. 2,123,209; July 12.
- Rostan, John D. (See von Friedrich, Charles, assignor.)
- Rota, S. A. (See Bloch, Franz G., assignor.)
- Rotary Printing Company, The. (See Shoemaker, Mark W., assignor.)
- Rote, Robert J., and S. W. Britton, Rock Island, Ill. Steam heated core for molding battery containers. 2,125,814; Aug. 2.
- Roth, Adolph F., Wilkes-Barre, Pa. Stop on strap for antiskid devices and the like. 2,120,264; June 14.
- Roth, Adolph F., Wilkes-Barre, Pa. Antiskid device. 2,127,532; Aug. 23.
- Roth, Arthur E., Prairie du Chien, Wis. Trap timer. 2,129,966; Sept. 13.
- Roth, Arthur E., Prairie du Chien, Wis. Pigeon trap. 2,135,603; Nov. 8.
- Roth, Ernst, assignor to the firm Gebrüder Bühler, Uzwil, Switzerland. Roller brush for roller mills. 2,124,008; July 19.
- Roth, Harris C., Detroit, Mich., and W. J. Andres, Pittsburgh, Pa., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,134,534; Oct. 25.
- Roth, Herman A. (See Morton, W. A., Moore, and Roth.)
- Roth, Jay M. (See Brelsford, J. B., and Roth.)
- Roth, Joseph M., Brooklyn, N. Y. Game device. 2,109,736; Mar. 1.
- Roth, Karl, Terre Haute, Ind. Metal roofing. 2,108,350; Feb. 15.
- Roth, Karl, Terre Haute, Ind. Metal roofing. 2,124,830; July 26.
- Roth, Leon. (See Crotty, J. J., and Roth.)
- Roth, Otto A., St. Louis, Mo. Clasp for spectacle cases. 2,111,994; Mar. 22.
- Roth, Samuel C., Allentown, Pa., assignor to Automatic Signal Corporation, East Norwalk, Conn. Automatic traffic control system. 2,131,818; Oct. 4.
- Roth Rubber Company. (See Flemming, Charles F., assignor.)
- Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,104,816; Jan. 11.
- Rothe, Horst, and W. Kleen, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,112,050; Mar. 22.
- Rothheim, Erik, Oslo, Norway. Insecticidal composition. 2,128,433; Aug. 30.
- Rothén, Edward M., Bloomfield, N. J., assignor to Russell & Stoll Company, Inc., New York, N. Y. Locked lamp guard. 2,123,807; July 12.
- Rothenberg, Sam. (See Sears, H. M., and Rothenberg.)
- Rothenhoefer, Walter W., St. Louis, Mo. Aeroplane. 2,133,043; Oct. 11.
- Rothenhoefer, Walter W., St. Louis, Mo. Airplane. 2,137,952; Nov. 22.
- Rotherham, Kevitt. (See Swain, Frank E., assignor.)
- Rotherth, Gerhard, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 2,139,135; Dec. 6.
- Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,124,151; July 19.
- Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,132,442; Oct. 11.
- Rothrock, Ralph K. (See Thurber, Edward J., assignor.)
- Rothschild, Sol. (See Steinmetz, W. F., and Rothschild.)
- Rothschild, Sol, Brooklyn, N. Y. Scalpel. 2,131,358; Sept. 27.
- Rothschild, Sol, Brooklyn, and W. F. Steinmetz, New York, N. Y. Safety razor. 2,113,772; Apr. 12.
- Rotolo, Stella, Elizabeth, N. J. Headrest attachment for bathtubs. 2,123,316; July 12.
- Rotter, Lutwin C., Maplewood, assignor to Lincoln Engineering Company, St. Louis, Mo. Pumping apparatus. 2,136,636; Nov. 15.



- Rotter, Lutwin C., Glendale, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,141,022; Dec. 20.
- Röttinger, Michael, Mannheim, Germany. Signaling and lighting installation for motor vehicles. 2,129,070; Sept. 6.
- Rottke, Alma, geb. Zenner, and E. Rottke, Wiesbaden, Germany. Leg straightening attachment. 2,120,713; June 14.
- Rottke, Elsbeth. (See Rottke, Alma and E.)
- Rottler, Clarence T., Seattle, Wash. Automatic feed for boring bars. 2,122,072; June 28.
- Rottman, George, Brooklyn, N. Y. Mothproof cabinet. 2,127,963; Aug. 23.
- Rottmer, Henry E., Washington, D. C. Boat detaching apparatus. 2,120,923; June 14.
- Rotz, Raymond S., Fort Loudon, Pa. Fowl restraining device. 2,116,850; May 10.
- Rotzoll, Erich, Berlin-Frohnau, Germany. Adjusting device for machine tools. 2,125,584; Aug. 2.
- Roualet, Andre J. E., assignor to Chrysler Corporation, Detroit, Mich. Automatic choke. 2,108,296; Feb. 15.
- Roualet, Andre J. E., assignor to Chrysler Corporation, Detroit, Mich. Automatic choke. 2,127,345; Aug. 16.
- Rouan, Francis J. (See Wheeler, W. H., Jr., Ogden, and Rouan.)
- Rouan, Francis J., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Separator roller wear compensator. 2,140,170; Dec. 13.
- Rouan, Francis J., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Feed and separator roller wear compensator. 2,140,171; Dec. 13.
- Rouch, Clayton D., et al. (See Le Fevre, Ralph A., assignor.)
- Rouch, Everett W., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing machine. 2,125,585; Aug. 2.
- Roudanez, Georges, Chicago, Ill. Automatic boiler pressure regulator. 2,138,941; Dec. 6.
- Rouche, William L. (See Floyd, H. G., and Rouche.)
- Rough, Alvan S., Evansville, Ind. Pouring spout. 2,106,381; Jan. 25.
- Roumillat, Forest P., Jacksonville, Fla. Charge-forming device for internal combustion engines. 2,119,179; May 31.
- Roumm, Milton. (See McClanahan, Thomas G., assignor.)
- Round, Frank A. (See Round, H. J., Swann, and Round.)
- Round, Henry J., Muswell Hill, F. P. Swann, London, and F. A. Round, Hendon, London, England. Sound recording system. 2,117,214; May 10.
- Round, Mark, Old Hill, England. Packing case. 2,121,410; June 21.
- Round Oak Company. (See Burch, E. S., and Freeland, assignors.)
- Rounds, Harold E., Great Neck, N. Y. Collapsible carton. 2,138,984; Dec. 6.
- Roundtree, J. P., et al. (See McClanahan, Frederick C., assignor.)
- Rourke, James F., Worcester, Mas. Shuttle operating device. 2,136,712; Nov. 15.
- Rourke, Raymond, Portageville, N. Y. Braking system for vehicles. 2,115,215; Apr. 26.
- Rourke, Raymond, Portageville, N. Y. Brake applying mechanism for motor vehicles. 2,132,006; Oct. 4.
- Rourke, Rupert K., Lompoc, Calif. Pneumatic classifier. 2,125,086; July 26.
- Rouse, William C., assignor of one-half to I. G. McCloskey, Baltimore, Md. Tobacco curing system. 2,134,843; Nov. 1.
- Roush, Lee, Beaver, and C. Riedel, New Brighton, Pa., assignors to The Hobart Manufacturing Company, Troy, Ohio. Aerating liquids. 2,116,541; May 10.
- Roush, Walter E., and W. B. Morell, assignors to The Dow Chemical Company, Midland, Mich. Preparation of ethyl chloride. 2,110,141; Mar. 8.
- Rousseau, Raymond E. (See Horton, E. C., Hueber, and Rousseau.)
- Roussy, Louis, Paris, and R. Trubert, Viroflay, France. Guiding toy vehicles. 2,109,403; Feb. 22.
- Roux, Bernard, R. Gamzon, and M. Sollima, Paris, France. Modifying the acoustics of a room. 2,107,804; Feb. 8.
- Roux, Erwin, Berlin-Zehlendorf Kl. Machnow, Germany. Clnethoodolite. 2,111,516; Mar. 15.
- Row, Dunn H., Indianapolis, Ind. Contact glass construction. 2,117,770; May 17.
- Rowe, Alvin V., Galesburg, Ill. Coat hanger. 2,123,259; July 12.
- Rowe, Donald C., Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Antiflutter device. 2,113,000; Apr. 5.
- Rowe, Ellis L., Round Lake, and E. A. Rutledge, North Troy, assignors to Rensselaer Valve Company, Cohoes, N. Y. Sectional hydrant or the like and breakable connection therefor. 2,129,032; Sept. 6.
- Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Article handling and crack-off means particularly for use in the manufacture of paste-mold type glassware. 2,112,118; Mar. 22.
- Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Article handling means. 2,112,119; Mar. 22.
- Rowe, John H., Grangeville, Idaho. Electrically operated tool. 2,116,043; May 3.
- Rowe, Marlon H., et al. (See Becker, Oakley K., assignor.)
- Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrical connector. 2,111,939; Mar. 22.
- Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Wire connector. 2,121,329; June 21.
- Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Safety switch. 2,124,275; July 19.
- Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Circuit breaker. 2,125,201; July 26.
- Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Circuit breaker. 2,126,412; Aug. 9.
- Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Flush panel mounting for electrical devices. 2,138,408; Nov. 29.
- Rowe, Russell E., Hyattsville, Md. Battery terminal connector. 2,134,623; Oct. 25.
- Rowe, S. K. (See Buttschau, Esther M., assignor.)
- Rowe, Seth E., New Gloucester, Maine. Trap nest. 2,113,859; Apr. 12.
- Rowe, William G., Milwaukee, Wis. Automobile signal switch. 2,133,572; Oct. 18.
- Rowe, William W., Cincinnati, assignor, by mesne assignments, to Bemis Bro. Bag Co., St. Louis, Mo. Seamed bag. 2,106,875; Feb. 1.
- Rowe, William W., Cincinnati, and W. A. Morris, Wyoming, assignors to The Paper Service Company, Lockland, Ohio. Process and machine for making crushed corrugated papers. 2,139,285; Dec. 6.
- Rowell, Gar L., assignor of ninety-five per cent to R. E. Grainger, Nichols, and J. Grainger, Green Sea, S. C. Whirling toy. 2,125,815; Aug. 2.
- Rowell, George S., Cleveland, Ohio. Method and apparatus for reproducing images on curved surfaces. 2,124,711; July 26.
- Rowell, George S., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Finishing grained planographic plates. 2,115,471; Apr. 26.
- Rowell, George S., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic printing plate. 2,129,071; Sept. 6.
- Rowell, Kendall B. (See Hamilton, W. S. H., and Rowell.)
- Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Electrical instrument. 2,110,680; Mar. 8.
- Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. 2,134,581; Oct. 25.
- Rowland, Ben W., assignor to Institute of Paper Chemistry, Appleton, Wis. Sizing paper. 2,116,768; May 10.
- Rowland, Ben W., and J. V. Bauer, Appleton, Wis., assignors to Stein, Hall Mfg. Co., Chicago, Ill. Starch sizing of paper. 2,113,034; Apr. 5.
- Rowland, Herbert R., and E. J. Smith, Kansas City, Mo., assignors to Corona Conversion Corporation. Process for refining mineral oils. 2,107,713; Feb. 8.
- Rowland, Herbert R., deceased, Kansas City, Mo., by M. U. Rowland, Basking Ridge, N. J., administratrix, and E. J. Smith, Ponca City, Okla.; said H. R. Rowland and E. J. Smith assignors to Corona Conversion Corporation, Kansas City, Mo. Apparatus for refining mineral oils. 2,107,714; Feb. 8.
- Rowland, John E., Long Beach, Calif. Method and apparatus for treating food remnants. 2,123,080; July 5.
- Rowland, John T., Carmel, Calif. Rig for sail boats and vessels. 2,126,665; Aug. 9.
- Rowland, Kenneth H., and R. V. Wallin, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Hydration of olefines. 2,142,036; Dec. 27.
- Rowland, Mary U., administratrix. (See Rowland, H. R., and Smith.)
- Rowlett, Shelby Hart. (See Esnard, Miguel, assignor.)
- Rowlett, Vinton H. (See Hamilton, Glen W., assignor.)
- Rowley, Millard C., assignor to Bendix-Westinghouse Automatic Air Brake Company, Pittsburgh, Pa. Control mechanism. 2,137,953; Nov. 22.
- Rowley, Russell A., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,126,666; Aug. 9.
- Rowlison, Milton, Goshen, N. Y. Mowing attachment for motor vehicles. 2,122,755; July 5.
- Rownd, Ralph D. (See Harris, Roy T., assignor.)
- Roxborough, John W. (See Blair, Joseph N., assignor.)
- Roy, Ernest, et al. (See Bowman, John C., assignor.)
- Roy, Henry E., Haddon Heights, N. J., assignor to Radio Corporation of America. Electric motor. 2,113,384; Apr. 5.
- Roy, Louis C., Quebec, Quebec, Canada. Cabinet for loud speakers. 2,129,184; Sept. 6.
- Roy, Sebastian, Jr., Arabl, La. Deck compact. 2,126,580; Aug. 9.
- Roy, Willie, Quebec, Quebec, Canada. Suction apparatus. 2,135,148; Nov. 1.
- Royal Electric Company. (See Goodwin, George, assignor.)
- Royal, John W., Malden, Mass. Doughnut cutter. 2,137,811; Nov. 22.



- Royal, Joseph N., assignor, by mesne assignments, to F. N. Burt Company Inc., Buffalo, N. Y. Powder box. 2,108,551; Feb. 15.
- Royal Mounters, Inc. (See Mancuso, Ralph J., assignor.)
- Royal Switchboard Co. (See Richardson, James C., assignor.)
- Royal, Thomas M., & Co. (See Hepke, William C., assignor.)
- Royal Typewriter Company. (See Handley, George F., assignor.)
- Royall, Horace H., Bell, Calif. Snow slide preventer. 2,134,624; Oct. 25.
- Royce, Albert A., Hollis, and M. L. Beyer, assignors to The International Postal Supply Company, Brooklyn, N. Y. Postage meter machine. 2,104,624; Jan. 4.
- Royce, Harvey D., Savannah, Ga., assignor to The Southern Cotton Oil Company, New Orleans, La. Food composition and inhibiting oxygenation thereof. 2,123,863; July 12.
- Royer, Donald R., Agricola, Fla., assignor, by mesne assignments, to Swift and Company, Chicago, Ill. Vibrating screen. 2,140,172; Dec. 13.
- Royer Foundry and Machine Co. (See Davies, Stanley B., assignor.)
- Roycroft, Walter R. (See Beattie, J. F., and Roycroft.)
- Roycroft, Walter R. (See Beattie, J. F., Cunningham, and Roycroft.)
- Roye, Richard T., assignor to Gray Tool Company, Houston, Tex. Boring tool. 2,115,319; Apr. 26.
- Royer Foundry & Machine Company. (See Davies, Stanley B., assignor.)
- Royle, Edwin B., assignor to The Eimco Corporation, Salt Lake City, Utah. Loading machine. 2,134,582; Oct. 25.
- Royse, Grover C., Vallejo, Calif. Clutch. Re. 20,903; Nov. 1.
- Royse, Grover C., Vallejo, Calif. Clutch. 2,107,308; Feb. 8.
- Rozenbroek, Meindert D., Delden, Twente, Overijssel, assignor of one-half to Naamlooze Vennootschap Chemische Fabriek Servo, Delden, Netherlands. Wet-ting, cleaning, bleaching, foaming and dispersive agents for textile purposes and the like and application of the same. 2,140,882; Dec. 20.
- Rozentraub, David. (See Waelès, D. C., and Rozentraub.)
- Rozin, Arthur E. and H. R., Cincinnati, Ohio. Dispensing mechanism. 2,114,087; Apr. 12.
- Rozin, Harry R. (See Rozin, Arthur E. and H. R.)
- Ruane, George, Utica, N. Y. Pipe coupling. 2,111,740; Mar. 22.
- Ruau, Félix F., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Cutting device. 2,130,473; Sept. 20.
- Ruau, Félix F., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Cigarette making machine. 2,139,100; Dec. 6.
- Ruau, Félix Frédéric, Deptford, London, assignor to Molins Machine Company, Limited, London, England. Apparatus for severing an axially moving rod into lengths. 2,140,720; Dec. 20.
- Rubatex Products, Inc. (See Peel, Frederick W., assignor.)
- Rubatex Products, Inc. (See Reid, James S., assignor.)
- Rubatex Products, Inc. (See Roberts, Dudley, assignor.)
- Rubatex Products, Inc. (See Roberts, D., and Peel, assignors.)
- Rubatex Products, Inc. (See Roberts, D., and Reid, assignor.)
- Rubatex Products, Inc. (See Roberts, D., Scott, and Peel, assignors.)
- Rubbercraft Corporation of California, Ltd. (See Hartnack, John C., assignor.)
- Rubel, Bertrand, and C. Leab, Cincinnati, Ohio; said Leab assignor to said Rubel. Bakery machinery. 2,141,226; Dec. 27.
- Rubel Brothers Limited. (See Rigollet, Louis, assignor.)
- Rubel, Charles F. (See Christensen, N. V., and Rubel.)
- Rubel, Charles F. (See Christensen, N. V., Rubel, Smith, and Le Vesconte.)
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Bobbin for sewing machines. 2,116,982; May 10.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,133,229; Oct. 11.
- Rubel, Charles F., Chicago, and H. J. Le Vesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Fabric feeding mechanism for sewing machines. 2,106,536; Jan. 25.
- Rubel, Edward O., Rochester, N. Y. Mechanical pencil. 2,130,778; Sept. 20.
- Rubel, Maurice, Chicago, Ill. Protecting device for telephone transmitters. 2,120,043; June 7.
- Ruben, Samuel, New Rochelle, N. Y. Photoelectric relay. 2,104,817; Jan. 11.
- Ruben, Samuel, New Rochelle, N. Y. Mercury contact interrupter. 2,107,742; Feb. 8.
- Ruben, Samuel, New Rochelle, N. Y. Electrical condenser. 2,108,995; Feb. 22.
- Ruben, Samuel, New Rochelle, N. Y. Photovoltaic cell. 2,115,399; Apr. 26.
- Ruben, Samuel, New Rochelle, N. Y. Electrical switch. 2,116,215; May 3.
- Ruben, Samuel, New Rochelle, N. Y. Electric lamp. 2,127,756; Aug. 23.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated wire. 2,105,552; Jan. 18.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Electrical pyrometer. 2,120,374; June 14.
- Rubenstein, Harry J., and L. Talbot, Kansas City, Mo.; said Talbot assignor to said Rubenstein. Display rack. 2,140,116; Dec. 13.
- Rubenstein, Henry, Brooklyn, N. Y. Animal tail wagging device. 2,128,326; Aug. 30.
- Rubenstein, Leon, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Detonator for example, blasting detonator. 2,125,462; Aug. 2.
- Rubenstein, Morris J., Northampton, Pa. Garment shaping and turning machine. 2,107,621; Feb. 8.
- Rubenstein, Samuel, and H. Amazon, New York, assignors of one-third to M. Levine, Brooklyn, N. Y. Knife grinding attachment. 2,129,538; Sept. 6.
- Ruberoide Co., The. (See Hutten, Henry B., assignor.)
- Ruberoide Co., The. (See Richardson, Harlow T., assignor.)
- Ruberti, James, Fitchburg, Mass. Game. 2,141,958; Dec. 27.
- Rubin, David, Scranton, Pa. Reconditioning pistons. 2,133,403; Oct. 18.
- Rubin, Louis. (See Freudenheim, Mendel E., assignor.)
- Rubin, Louis C., Nutley, assignor to Gasoline Products Company, Inc., Newark, N. J. Conversion of hydrocarbon oil. 2,142,075; Dec. 27.
- Rubin, Michael M., assignor to The Thomas Steel Company, Warren, Ohio. Coating ferrous articles. 2,115,749; May 3.
- Rubin, Michael, and R. E. Alexander, assignors to The Thomas Steel Company, Warren, Ohio. Coating strip steel and products thereof. 2,115,750; May 3.
- Rubini Cigar Company. (See Edgeworth, William R., assignor.)
- Rubner, Hugo G., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,129,967; Sept. 13.
- Rubottom, Albert L., Kansas City, Mo. Automobile awning. 2,121,264; June 21.
- Rubsam, Charles F., Jackson, Mich. Balancing means for automobile wheels. 2,137,415; Nov. 22.
- Rubsam, Charles F., Jackson, Mich. Counterbalancing means for automobile wheels. 2,137,416; Nov. 22.
- Ruby, George B., Aurora, Ill. Eye testing apparatus. 2,137,702; Nov. 22.
- Ruch, Clarence E. (See Walters, R. E., and Ruch.)
- Ruch, Valentine, Englewood, N. J. Fruit juice extracting and distributing method. 2,117,215; May 10.
- Ruckdeschel, Elsa C., New York, and W. N. Brady, Piermont, assignors to American Hard Rubber Company, New York, N. Y. Combined comb and hair curling device. 2,124,712; July 26.
- Ruckel, Erwin, Richmond Hill, assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Flat knitted stocking welt. 2,108,615; Feb. 15.
- Ruckel, Erwin, Richmond Hill, assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Carrier rod locking device. 2,113,773; Apr. 12.
- Rucker, Claude S., Washington, D. C. Device for straining and filtering. 2,116,044; May 3.
- Rucker, Cleo, et al. (See Coats, Edward O., assignor.)
- Ruckert, Ludwig. (See Förster, A., and Ruckert.)
- Rud, Henry H., Whitehall, Wis. Safety razor. 2,133,576; Oct. 18.
- Rudd, Harold H., assignor, by mesne assignments, to Railway and Industrial Engineering Company, Greensburg, Pa. Electrical connector. 2,114,940; Apr. 19.
- Rudd, Harold H., assignor, by mesne assignments, to Railway & Industrial Engineering Company, Greensburg, Pa. Current indicator. 2,138,430; Nov. 29.
- Rudd, Harry B., Flushing, N. Y. Mechanism for breaking the frozen connections of ice cubes. 2,110,511; Mar. 8.
- Rüdenberg, Reinhold, Berlin-Grünwald, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for preventing resonance. 2,130,903; Sept. 20.
- Ruderman, Isadore, San Francisco, Calif. Method and apparatus for sustaining and lifting aircraft. 2,115,285; Apr. 26.
- Rudin, Karl V., Stockholm, Sweden. Calculating machine. 2,108,596; Feb. 15.
- Rudnick, Samuel, assignor to American Feather Products Corporation, Chicago, Ill. Ornamental fabric and making same. 2,141,560; Dec. 27.
- Rudolph, Alfred A., and M. L., Vineland, N. J. Pick-out guard. 2,130,102; Sept. 13.
- Rudolph, Maurice L. (See Rudolph, Alfred A., and M. L.)
- Rudolph Wurlitzer Company, The. (See Morrison, Vaughn E., assignor.)
- Rudowitz, Isaac M., New York, N. Y. Foldable box body. 2,120,871; June 14.
- Rudquist, Carl A., deceased; by K. K. Rudquist, executrix, Lidingö, Sweden. Glow plug. 2,140,943; Dec. 20.
- Rudquist, Karin K., executrix. (See Rudquist, Carl A.)
- Rudy, Hermann. (See Kuhn, R., and Rudy.)
- Rue, Harold E., West Orange, assignor to Hoffman Beverage Company, Newark, N. J. Label grip finger mechanism. 2,118,418; May 24.



- Rue, Harold E., West Orange, N. J., and S. B. Field, Holbrook, Mass., assignors to Hoffman Beverage Company, Newark, N. J. Wrapping machine. 2,109,505; Mar. 1.
- Rue, Harold E., West Orange, A. F. Pitoy, Clifton, and J. Jonassen, Maplewood, assignors to Hoffman Beverage Company, Newark, N. J. Container capping machine. 2,111,155; Mar. 15.
- Ruegenberg, Gottfried, Dusseldorf, Germany, Method and apparatus for producing packing devices. 2,124,931; July 26.
- Rueger, Herman W., assignor to Liberty Can and Sign Company, Lancaster, Pa. Dispenser or container. 2,104,887; Jan. 11.
- Rueger, Herman W., Lancaster, Pa., assignor to Liberty Can and Sign Company. Receptacle opener. 2,129,785; Sept. 13.
- Ruegg, Leonard, Inglewood, Calif. Spring latch. 2,132,806; Oct. 11.
- Ruehmann, Otto, Los Angeles, Calif. Hose support. 2,135,772; Nov. 8.
- Ruelland, Albertine, New York, N. Y. Electric iron and improvement in the handle portion thereof. 2,124,713; July 26.
- Ruesenberg, Carl A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,105,932; Jan. 18.
- Ruesenberg, Carl A., and M. Willene, Rockford, assignors to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,129,361; Sept. 6.
- Ruetz, Karl, Zurich, Switzerland. Closure device for tubes and other containers. 2,111,482; Mar. 15.
- Ruff, Edward J., Woodmere, N. Y. Package. 2,122,588; July 5.
- Ruff, George, Kane, Wyo. Combined scraper and grader. 2,104,675; Jan. 4.
- Ruff, Harold T., assignor to The Mead Corporation, Chillicothe, Ohio. Preparing a starch enveloped mineral material. 2,140,394; Dec. 13.
- Ruffcorn, Charles B., Seattle, Wash. Weeder. 2,121,265; June 21.
- Ruffin, Laura V. (See Duvall, Stanley A., assignor.)
- Ruffino, Peter, Brooklyn, N. Y. Brake. 2,108,235; Feb. 15.
- Rufino, Antonio O., Buenos Aires, Argentina. Key retaining device for locks. 2,116,045; May 3.
- Rufus, Otto B., assignor to Lathrop-Paulson Company, Chicago, Ill. Can uprighing and discharging mechanism. 2,133,044; Oct. 11.
- Rugg, Harold H., Wilkinsburg, and P. S. Graham, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Distribution apparatus. 2,121,610; June 21.
- Rugg, Walter S., and H. D. James, Pittsburgh, Pa. Air-conditioning system. 2,130,157; Sept. 13.
- Ruggieri, Peter P., et al. (See Gonsett, Robert R., assignor.)
- Ruggio, Toby, Chicago, Ill. Hydrant guard. 2,118,233; May 24.
- Ruggles, Henry F., Louisville, Ky. Automatic nut cracking machine. 2,138,942; Dec. 6.
- Ruggles-Klingemann Mfg. Co. (See Kimball, James L., assignor.)
- Ruggles, William A. (See Hull, A. W., and Ruggles.)
- Rugh, Harry O., Chicago, Ill. Code transmission system. 2,110,149; Mar. 8.
- Rugh, Harry O., Chicago, assignor of nine-twentieths to E. G. Bates, Glen Ellyn, and C. V. Yates, Chicago, and one-twentieth to K. C. Brown, Evanston, Ill. Hold-up alarm. 2,135,476; Nov. 1.
- Ruhloff, Frederic C., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Apparatus for constructing levees and the like. 2,106,189; Jan. 25.
- Ruhrchemie Aktiengesellschaft. (See Tramm, H., Clar, Kühnel, and Schuff, assignors.)
- Ruhstorfer, John W., Detroit, Mich. Brake and accelerator control. 2,131,972; Oct. 1.
- Ruiz, Charles. (See Lasker, W. W., and Ruiz.)
- Ruiz, Joseph. (See Garfinkel, M. Ruiz, and Duga.)
- Rullanchich, John J., New Kensington, Pa. Power transmission. 2,132,221; Oct. 4.
- Rullanchich, John J. O., assignor to F. Golden, New Kensington, Pa. Radial engine. 2,105,846; Jan. 18.
- Rullison, Earl A., assignor to The Tillotson Manufacturing Company, Toledo, Ohio. Valve for carburetors. 2,107,998; Feb. 8.
- Rullison, Earl A., and H. B. Simmons, assignors to The Tillotson Manufacturing Company, Toledo, Ohio. Carburetor. 2,114,970; Apr. 19.
- Rulo Corporation. (See Loughlin, Norman D., assignor.)
- Rulon, Joseph K., Parlin, N. J., assignor to Du Pont Film Manufacturing Corporation, Inc., New York, N. Y. Film package. 2,112,816; Mar. 29.
- Rumball, Frederick W., Lulworth, The Fairway, Barnet Vale, assignor, by mesne assignments, to Maclean Limited, Brentford, England. Forming a collapsible container. 2,122,325; Jan. 28.
- Rumbarger, John C., Lakewood, and R. S. Schwendler, Cleveland Heights, assignors to The Emmet Products Company, Cleveland, Ohio. Lining for ball mills and the like. 2,114,610; Apr. 19.
- Rumbold, William N., Santa Clara, Calif., assignor to American Telephone and Telegraph Company. Card holder. 2,129,876; Sept. 13.
- Rumford Chemical Works. (See Edwards, Robert S., assignor.)
- Rumford Chemical Works. (See Fiske, Augustus H., assignor.)
- Rumford, Lewis II., Wilmington, Del., assignor to United States Steel Corporation, New York, N. Y. Regenerative furnace and means for measuring the temperature thereof. 2,133,045; Oct. 11.
- Rummel, Roman, Vienna, Austria. Rotary blower, gas meter, liquid meter, rotary compressor, and rotary pump. 2,122,352; June 28.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Sulphonated hydrogenated abietyl derivatives and producing. 2,107,508; Feb. 8.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of rosin. 2,108,928; Feb. 22.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of rosin. 2,124,675; July 26.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of rosin. 2,136,525; Nov. 15.
- Rumore, Joseph A., Chicago, assignor of one-half to H. Herout, Cicero, Ill. Universal dispensing holder. 2,137,984; Nov. 22.
- Rumpel, Harvey H., assignor to Smith Engineering Works, Milwaukee, Wis. Crusher. 2,110,276; Mar. 8.
- Rumsey, Herbert, Jr., Nutley, N. J. Measuring apparatus. 2,106,038; Jan. 18.
- Rumsey, Herbert, Jr., Nutley, N. J. Forming meat products. 2,107,086; Feb. 1.
- Rumsey, Herbert, Jr., Nutley, N. J. Packing meat products. 2,107,166; Feb. 1.
- Rumsey, John C., assignor to The Rumsey Junior Vehicle Company, Lawrence, Kans. Chariot vehicle. 2,108,868; Feb. 22.
- Rumsey Junior Vehicle Company. (See Rumsey, John C., assignor.)
- Runals, William T. (See Olcott, L. E., Soper, Gasche, and Runals.)
- Runcie, Walter O., Lima, Peru. Safety razor. 2,119,405; May 31.
- Rund, John W., Jr., Pesotum, Ill. Corn picker gathering point. 2,133,905; Oct. 18.
- Rundell, Rupert E., Rockville Centre, assignor, by mesne assignments, to The American Tobacco Company, New York, N. Y. Tobacco stemmer. 2,140,721; Dec. 20.
- Rundle, George H., Palmyra, Wis. Antisag device for doors. 2,133,719; Oct. 18.
- Rundstatler, Gust, assignor to Nototyp-Rundstatler G. m. b. H., Berlin, Germany. Music typewriter. 2,117,363; May 17.
- Runge, Arnold, Villa Ballester, Buenos Aires, Argentina. Storage tank for liquids. 2,108,945; Feb. 22.
- Runge, Frank E., Oaklyn, N. J., assignor to Radio Corporation of America. Film gate. 2,111,741; Mar. 22.
- Runge, Frank E., Oaklyn, N. J., assignor to Radio Corporation of America. Recording apparatus. 2,113,385; Apr. 5.
- Runge, Wilhelm. (See Muth, H., and Runge.)
- Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automobile radio apparatus. 2,106,159; Jan. 25.
- Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Antenna. 2,115,787; May 3.
- Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Distance determining system. 2,134,535; Oct. 25.
- Runkel, Roland. (See Freudenberg, Richard and H., Runkel, and Lange.)
- Runkel, Roland, assignor to the firm Carl Freudenberg G. m. b. H., Weinheim, Germany. Manufacture of spun goods, fabrics, and other textiles. 2,115,648; Apr. 26.
- Runkel, William H. (See Smith, A. E., and Runkel.)
- Runton, Leslie A., Andover, Mass. Actuating mechanism for stop motions. 2,128,476; Aug. 30.
- Runton, Leslie A., Andover, Mass. Napping textile fabrics. 2,129,707; Sept. 13.
- Runton, Leslie A., Andover, Mass. Machine for napping or sueding textile fabrics. 2,129,877; Sept. 13.
- Runyan, Charles, Great Meadows, N. J. Dirigible trailer. 2,132,580; Oct. 11.
- Runyan, William B., and A. H. Langenhein, assignors to The Dayton Malleable Iron Company, Dayton, Ohio. Jack. 2,107,715; Feb. 8.
- Rupe, Enrico, New York, N. Y. Hat form. 2,138,616; Nov. 29.
- Rupert, Louis. (See Wilmington, F. T., and Rupert.)
- Rupert, Richard, assignor to E. L. Tabor, Kansas City, Mo., operating as Rival Manufacturing Company. Vegetable cutter or grater. 2,109,358; Feb. 22.
- Rupp, Emil, Berlin-Frohnau, Germany, assignor to General Electric Company. Immersion starter for pool type discharge devices. 2,107,908; Feb. 8.
- Rupp, Herbert E., assignor to German Rupp Company, Mansfield, Ohio. Reciprocating liquid pump. 2,118,231; May 24.
- Rupp, Herbert E., Springfield Township, Richland County, and J. C. Gorman, Mansfield, Ohio. Shaft sealing means. 2,104,355; Jan. 4.
- Rupp, Max G., Chicago, Ill. Electric sign. 2,107,767; Feb. 8.



- Ruppee, Edward W., Oakdale, Tenn. Fruit picker. 2,113,518; Apr. 5.
- Ruppel, Sigwart, deceased, Berlin, Germany; F. Strauss, née Ruppel, heir. Electric switch. 2,133,938; Oct. 18.
- Ruppel, Wilhelm. (See Neresheimer, H. and Ruppel.)
- Ruppel, Wilhelm. (See Neresheimer, H., Ruppel, and Eichholz.)
- Ruppricht, Siegfried, et al. (See Seyfarth, Alfred, assignor.)
- Ruprecht, Louis. (See Sheldon, William M., assignor.)
- Ruscetta, Ralph A. (See Clark, F. M., and Ruscetta.)
- Rüsch, Gustav O. K. (See Christiansen, C., and Rüsch.)
- Rüsch, Willy, Rommelshausen, near Stuttgart, Germany. Rubber tube for medical use. 2,116,083; May 3.
- Ruschig, Heinrich. (See Bockmühl, M., Ehrhart, and Ruschig.)
- Rusden, Richard E., Providence, R. I., assignor to The Textile-Finishing Machinery Company. Tentering machine. 2,121,101; June 21.
- Rush, John W., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,130,633; Sept. 20.
- Rush, Weaver A., Beatrice, Nebr. Traveling bag for automobiles. 2,105,989; Jan. 18.
- Rush, William, Canonsburg, Pa. Collapsible wheel. 2,122,955; July 5.
- Rushlau, William V., and V. M. Michaels, Omaha, Nebr. Casing cleaning and fattening machine. 2,126,506; Aug. 9.
- Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Braun tube. 2,128,597; Aug. 30.
- Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Deflection system for Braun tubes. 2,139,854; Dec. 13.
- Ruska, Ernst, and E. Schwartz, Berlin-Zehlendorf, assignors to The firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Combined electric and magnetic deflecting system for cathode ray tubes. 2,119,795; June 7.
- Ruskin, Frances R. (See Ruskin, Simon L., assignor.)
- Ruskin, Simon L., assignor to F. R. Ruskin, New York, N. Y. Colloid preparation. 2,110,178; Mar. 8.
- Ruskin, Simon L., assignor to F. R. Ruskin, New York, N. Y. Metal compounds of nucleoproteins and of their organic hydrolytic decomposition products and making same. 2,115,751; May 3.
- Rusler, George W., Verona, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Cable tie or fastening. 2,121,510; June 21.
- Rusnak, John M., and G. H. Hochmuth, West Hartford, Conn., assignors, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Work positioning means. 2,131,973; Oct. 4.
- Russell, Alfred, and J. W. Copenhaver, assignors to Röhm & Hass Company, Philadelphia, Pa. Tanning material. 2,129,553; Sept. 6.
- Russell, Alfred, and J. W. Copenhaver, assignors to Röhm & Hass Company, Philadelphia, Pa. Tanning material. 2,129,554; Sept. 6.
- Russell, Arthur N., Seattle, Wash. Dental stick. 2,122,920; July 5.
- Russell, Arthur O., Port Chester, N. Y. Dialyzers. 2,107,805; Feb. 8.
- Russell, De France. (See Norris, Amos, assignor.)
- Russell, Frank H., Needham, assignor to Pepperell Manufacturing Company, Boston, Mass. Laminated lining material. 2,135,473; Nov. 1.
- Russell, Frank J., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Mounting means for shading coils. 2,130,653; Sept. 20.
- Russell, Frank J., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,134,207; Oct. 25.
- Russell, Frank N., Oakland, Calif. Carburetor. 2,105,300; Jan. 11.
- Russell, George A. V. (See Sentance, H. G. V., and Russell.)
- Russell, George J., Waltham, assignor of one-half to E. S. Emery, Lexington, Mass. Hydraulic apparatus. 2,134,673; Oct. 25.
- Russell, Gordon W., Needham, assignor to James Russell Boiler Works Company, Boston, Mass. Tunneling shield. 2,139,563; Dec. 6.
- Russell, Harold S. (See Coffey, George E., assignor.)
- Russell, Harry B., Morecambe and Heysham, England. Rotary tire pump for motor vehicles. 2,119,180; May 31.
- Russell, James, Boiler Works Company. (See Russell, Gordon W., assignor.)
- Russell, John J., Monahans, Tex. Drive head. 2,139,973; Dec. 13.
- Russell Linus E. (See Peters, G. E., and Russell.)
- Russell Manufacturing Company, The. (See Harwood, Channing E., assignor.)
- Russell Manufacturing Company, The. (See Hendley, James A., assignor.)
- Russell Manufacturing Company, The. (See Walters, Gustav, assignor.)
- Russell, Mark N., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric light fixture. 2,141,879; Dec. 27.
- Russell-Miller Milling Company. (See Pierson, R. N., and Smith, assignors.)
- Russell, Norman F. S., and F. C. Langenberg, Edgewater, and H. S. Hunt, assignors to United States Pipe and Foundry Company, Burlington, N. J. Method and apparatus for coating molds. 2,128,327; Aug. 30.
- Russell, Peyton R., Chagrin Falls, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and composition for galvanizing. 2,111,226; Mar. 15.
- Russell, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Pressure regulating device. 2,104,700; Jan. 4.
- Russell, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,112,220; Mar. 22.
- Russell, Robert A., Rustburg, Va. Adjustable finger ring. 2,105,796; Jan. 18.
- Russell, Robert C. (See Carlson, G. W., and Russell.)
- Russell, Robert C., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Brake. 2,122,296; June 28.
- Russell, Robert C., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Actuating lever and linkage. 2,136,023; Nov. 8.
- Russell, Robert C., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Friction brake. 2,139,286; Dec. 6.
- Russell, Robert C., Cleveland, Ohio, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering mechanism. 2,141,697; Dec. 27.
- Russell, Robert H., Cleveland, Ohio, assignor, by mesne assignments, to Gas Fuel Corporation. Creating high temperatures. 2,104,311; Jan. 4.
- Russell, Robert H., Cleveland, Ohio, assignor to Gas Fuel Corporation. Apparatus for making emulsified compounds and colloidal compounds. 2,115,123; Apr. 26.
- Russell, Robert P., Short Hills, N. J., assignor to Standard Oil Development Company. Producing polymers of olefines. 2,139,038; Dec. 6.
- Russell, Samuel G., assignor to Shakespeare Company, Kalamazoo, Mich. Reel seat for fishing rods. 2,131,819; Oct. 4.
- Russell, Samuel G., and F. Burdick, assignors to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,124,634; July 26.
- Russell, Sidney S., St. Louis, Mo. Quilting frame. 2,116,451; May 3.
- Russell & Stoll Company. (See Rothen, Edward M., assignor.)
- Russell, Thomas F., assignor of one-third to M. J. Dittman, and one-third to H. E. Sills, Youngstown, Ohio. Can top perforator and stopper. 2,126,667; Aug. 9.
- Russell, Thomas K., New York, N. Y., assignor to The Plow-Wake Corporation. Rotary attachment for tractor plows. 2,108,078; Feb. 15.
- Russell, William S., Salem, Va., assignor to The Dorr Company, Inc., New York, N. Y. Water treatment. 2,108,021; Feb. 8.
- Russell, William W. (See Huey, H. I., and Russell.)
- Rust Furnace Company. (See Rice, Orville D., assignor.)
- Rust, John, and A. Dyksterhuis, Kalamazoo, Mich. Motor for operating a fluid sprinkling system. 2,124,797; July 26.
- Rust, John B., Orange, N. J., assignor to Ellis-Foster Company. Color-stable oil-modified resin and making same. 2,141,197; Dec. 27.
- Rust, John B., Orange, N. J., assignor to Ellis-Foster Company. Light-colored high-melting-point resin adapted for varnish making and process of making same and coating compositions therefrom. 2,141,198; Dec. 27.
- Rust, John B., Orange, N. J., assignor to Ellis-Foster Company. Phenolic acetaldehyde resin and making the same. 2,142,076; Dec. 27.
- Rust, John B., Orange, N. J., assignor to Ellis-Foster Company. Alkali-resisting phenolic aldehyde siccative composition and making same. 2,142,077; Dec. 27.
- Rust, John B., Orange, N. J., assignor to Ellis-Foster Company. Initially light colored phenol-acetaldehyde resin. 2,142,078; Dec. 27.
- Rust, John D., Memphis, Tenn. Cotton picking spindle. 2,109,506; Mar. 1.
- Rust, Noël M. (See Wright, G. M., and Rust.)
- Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Radio receiver. 2,124,212; July 19.
- Rust, Noël M., Chelmsford, and J. D. Brailsford, London, England, assignors to Radio Corporation of America. Remotely controllable radio and similar high frequency receivers. 2,114,031; Apr. 12.
- Rust, Noël M., and R. F. O'Neill, Chelmsford, England, assignors to Radio Corporation of America. Adjustable tuning inductor. 2,115,882; May 3.
- Rust, William M., Jr., and W. D. Mounce, Houston, Tex., assignors to Standard Oil Development Company. Single cable electrical well-logging. 2,132,807; Oct. 11.
- Rust Craft Publishers, Inc. (See White, Elmir L., assignor.)
- Rustless Iron and Steel Corporation. (See Arness, William B., assignor.)
- Rustless Iron and Steel Corporation. (See Arnold, Samuel, 3rd, assignor.)
- Rustless Iron and Steel Corporation. (See Feild, Alexander L., assignor.)



- Rustless Iron and Steel Corporation. (See Krivobok, Vsevolod N., assignor.)
- Rustless Iron and Steel Corporation. (See Ostrofsky, James N., assignor.)
- Rustless Iron and Steel Corporation of America. (See Arness, William B., assignor.)
- Rustless Iron and Steel Corporation of America. (See Tuttle, Clarence E., assignor.)
- Ruston & Hornsby, Limited. (See Makits, Thomas C., assignor.)
- Rutan, Virginia K., et al. (See Kiesel, William F., Jr., assignor.)
- Rutemiller, Oren G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode feeding mechanism for high intensity arc searchlights. 2,117,911; May 17.
- Rütgerswerke-Aktiengesellschaft. (See Fehr, K., Heine-mann, and Schneider, assignors.)
- Rütgerswerke Aktiengesellschaft. (See Müller, Bernhard, assignor.)
- Ruth, Harold M. (See Richard, C., and Ruth.)
- Ruth, Harold M., Huntington Park, Calif., assignor to The Pyrate Corporation of Nevada. Device for cleaning tanks and the like. 2,109,075; Feb. 22.
- Ruth, Joseph P., Denver, Colo. Compression ignition internal combustion engine. 2,119,219; May 31.
- Ruth, Joseph P., Denver, Colo. Slipper bearing. 2,126,668; Aug. 9.
- Ruth, Rudolf R., Helsingfors, Finland. Shirt with detachable collar. 2,140,249; Dec. 13.
- Ruthardt, Gustav, Stuttgart-Zuffenhausen, Germany. Sparking plug. 2,117,216; May 10.
- Ruther, Frank R., and R. M. Ridley, Whittier, Calif. Well casing perforator. 2,140,813; Dec. 20.
- Rutherford, John T., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Purification of naphthenic acids. 2,108,448; Feb. 15.
- Rutherford, John T., Berkeley, and G. C. Brock, El Cerrito, assignors to Standard Oil Company of California, San Francisco, Calif. Stabilization of siccativ solutions. 2,119,753; June 7.
- Rutherford, Robert E., Philadelphia, Pa., assignor to Farnsworth Television Incorporated. Image dissector and method of electron beam analysis. 2,135,149; Nov. 1.
- Ruthruff, Robert F. (See Carpenter, M. T., Ruthruff, and Roberts.)
- Ruthruff, Robert F., Nutley, N. J., assignor to Standard Oil Company, Chicago, Ill. Polymerization of gases. Re. 20,931; Nov. 29.
- Ruthsaccumulators Nordiska Aktiebolag. (See Ullgren, Johan D., assignor.)
- Ruthven, Frederick F., Toronto, Ontario, assignor, by mesne assignments, to Aluminium Laboratories Limited, Montreal, Quebec, Canada. Method for degreasing. 2,104,102; Jan. 4.
- Ruthven, Frederick F., Toronto, Ontario, assignor, by mesne assignments, to Aluminium Laboratories Limited, Montreal, Quebec, Canada. Degreasing apparatus. 2,104,103; Jan. 4.
- Rutishauser, Donald E., assignor to Zero Plate Corporation, Chicago, Ill. Refrigerator. 2,129,072; Sept. 6.
- Rutkowski, Walter L., Normandy, assignor to R. C. Can Company, St. Louis, Mo. Combined powder container package and spray-gun. 2,122,230; June 28.
- Rutledge, Eric A. (See Rowe, E. L., and Rutledge.)
- Rutledge, George E., and R. H. Davidson, assignors to Vassar Company, Chicago, Ill. Knit breast pocket for garments and producing same. 2,121,489; June 21.
- Rutledge, Richard E. (See Howell, H. H., Rutledge, and Sanders.)
- Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Packing box or carton. 2,110,681; Mar. 8.
- Rutledge, W. E., et al. (See Stevens, Charles D., assignor.)
- Rutten, Peter, Osakis, Minn. Roof for silos and the like. 2,112,348; Mar. 29.
- Rüttenauer, Alfred. (See Krefft, H., and Rüttenauer.)
- Ruttenberg, Harold E., et al. (See Arver, Joseph F., assignor.)
- Ruttiman, Alfred, assignor to Simplex Time Recorder Co., Gardner, Mass. Ribbon mechanism for recording apparatus. 2,126,347; Aug. 9.
- Ruttiman, Alfred, Gardner, assignor to The Alaska Freezer Co., Inc., Winchendon, Mass. Horizontal counter freezer. 2,141,045; Dec. 20.
- Ruzich, John C., San Diego, Calif. Scooter. 2,134,318; Oct. 25.
- Ruzicka, Leopold, Zurich, and L. Ehmann, Basel, assignors to firm of Society of Chemical Industry in Basle, Basel, Switzerland. Producing unsaturated compounds containing the aetiocholane ring. 2,128,622; Aug. 30.
- Ryan, Arthur P., Jackson Heights, N. Y. Handbag key retainer. 2,117,589; May 17.
- Ryan, Charles V., administrator. (See La Londe, Moses.)
- Ryan Coffee Corporation. (See Ryan, W. M., and Bold, assignors.)
- Ryan, Commodore D., assignor to National Postal Meter Company, Los Angeles, Calif. Mail treating machine. 2,106,191; Jan. 25.
- Ryan, George F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting die. 2,124,591; July 26.
- Ryan, George F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making cutting dies. 2,124,676; July 26.
- Ryan, James J., Minneapolis, Minn. Vibration instrument. 2,136,759; Nov. 15.
- Ryan, John F., Baltimore, Md. Life boat launching device. 2,120,265; June 14.
- Ryan, John J., Chicago, Ill. Vacuum motor for operating a pump. 2,125,463; Aug. 2.
- Ryan, John T., assignor of one-half to G. G. Gere, San Jose, Calif. Adjustable cover support or cradle. 2,114,575; Apr. 19.
- Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Polyvinyl acetal resin plastic. 2,124,315; July 19.
- Ryan, Julian G., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Bearing alloy. 2,116,851; May 10.
- Ryan, Julian G., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Bearing alloy. 2,136,655; Nov. 15.
- Ryan, Lonnie W., Westfield, and E. K. Fischer, Elizabeth, N. J., assignors, by mesne assignments, to Interchemical Corporation, New York, N. Y. Pigments in oil and making the same. 2,126,925; Aug. 16.
- Ryan, Maurice L., assignor of one-half to G. Douglas Brand, St. Paul, Minn. Attachment for windshield wipers. 2,141,023; Dec. 20.
- Ryan, Max R. (See Biddison, Pascall, Ryan, and Burke.)
- Ryan, Stephen E., et al. (See Wagner, Hans, assignor.)
- Ryan, William M., and J. W. Bold, assignors to Ryan Coffee Corporation, Brooklyn, N. Y. Capping and sealing apparatus. 2,127,964; Aug. 23.
- Ryan, William M., and J. W. Bold, assignors to Ryan Coffee Corporation, Brooklyn, N. Y. Apparatus for filling containers under gas. 2,138,355; Nov. 29.
- Ryan, William M., and J. W. Bold, assignors to Ryan Coffee Corporation, Brooklyn, N. Y. Weighing and filling apparatus and method. 2,138,356; Nov. 29.
- Ryberg, Charles O., Brockton, Mass. Heel. 2,126,669; Aug. 9.
- Rychner, Ernst, Zurich, Switzerland. Device for cleaning and shampooing the scalp. 2,120,769; June 14.
- Ryzek, Leo S. (See Serdynski, Boleslaus A., assignor.)
- Rydborg, William, Minneapolis, Minn. Advertising device. 2,135,914; Nov. 8.
- Ryde, John W. (See Harris, N. L., and Ryde.)
- Ryde, John W. (See Randall, J. T., and Ryde.)
- Ryder, Charles D., Covington, assignor to The Grotelite Company, Bellevue, Ky. Molding machine. 2,115,590; Apr. 26.
- Ryder, Charles D., Covington, assignor to The National Colortype Company, Bellevue, Ky. Light reflecting means. 2,121,132; June 21.
- Ryder, Earle A., and W. A. Parkins, West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Temperature control means for machine lubricating systems. 2,107,188; Feb. 1.
- Ryder, Elmer, Elgin, Ill. Breather control device. 2,112,307; Mar. 29.
- Ryder, Elmer, Elgin, Ill. Crankcase drain. 2,120,681; June 14.
- Ryder, Frank P., deceased, by S. M. Ryder, executor, assignor to Chisholm-Ryder Company, Inc., Niagara Falls, N. Y. Bean snipping machine. 2,108,179; Feb. 15.
- Ryder, Frank P., deceased, S. M. Ryder, executor, assignor to Chisholm-Ryder Company, Inc., Niagara Falls, N. Y. Bean snipping machine. 2,110,242; Mar. 8.
- Ryder, John D., South Euclid, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. Re. 20,927; Nov. 22.
- Ryder, John D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. 2,109,222; Feb. 22.
- Ryder, John D., South Euclid, Ohio, assignor to Bailey Meter Company. Measuring and controlling system. 2,112,682; Mar. 29.
- Ryder, John D., South Euclid, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,127,846; Aug. 23.
- Ryder, John D., Cleveland, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,127,845; Aug. 23.
- Ryder, Orin J., Detroit, Mich., assignor to The Murray Corporation of America. Time control contactor. 2,141,561; Dec. 27.
- Ryder, Stephen M., executor. (See Ryder, Frank P., assignor.)
- Ryder, Stephen M., executor. (See Ryder, Frank P.)
- Rydholm, Carl O. (See Henrickson, Gust A., assignor.)
- Rydquist, Adolph, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. Re. 20,911; Nov. 8.
- Rydquist, Adolph, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Supporting strap. 2,114,542; Apr. 19.
- Ryer, E. C. (See Bowers, Leverett T., assignor.)
- Ryerson, Creighton W. (See Schmidt, F. W., and Ryerson.)
- Ryerson & Haynes, Inc. (See Blank, John E., assignor.)
- Ryerson & Haynes, Inc. (See Petersen, E. G., and Beach, assignors.)
- Ryerson & Haynes, Inc. (See Schmidt, F. W., and Ryerson, assignors.)



- Rykaczewski, John A., Braddock, Pa. Brake operating mechanism. 2,104,909; Jan. 11.
- Rylander, Anders J. E. and K. G. V., Stockholm, Sweden. Pressure controlling valve. 2,106,537; Jan. 25.
- Rylander, Karl G. V. (See Rylander, Anders J. E. and K. G. V.)
- Rylands Brothers (Australia) Limited. (See Jenks, Frank, assignor.)
- Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Rate of climb indicator. 2,127,833; Aug. 23.
- Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Illuminating dials of instruments. 2,140,972; Dec. 20.
- Rylsky, Gregory V., New York, N. Y., and S. Cerstvik, Union, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Illuminating means for indicating instruments. 2,130,367; Sept. 20.
- Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation, Pull-out switch box. 2,111,250; Mar. 15.
- Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation. Electrical instrument base. 2,115,429; Apr. 26.
- Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation. Fuse panel. 2,124,083; July 19.
- Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation. Switch construction. 2,130,398; Sept. 20.
- Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation. Sheet metal screw socket. 2,130,399; Sept. 20.
- Rypinski, Albert B., Laurelton, Long Island, N. Y. Slow magnetic regulating device for noninductive loads. 2,131,758; Oct. 4.
- Rypinski, Albert B., Laurelton, Long Island, N. Y. Slow electromagnetic device having the same temperature coefficient of resistance materials in assisting windings. 2,140,553; Dec. 20.
- Rysick, Arno, Dresden, Germany. Sound recording and reproducing device. 2,130,158; Sept. 13.
- Rysick, Arno, Dresden, Germany. Drive for recording and reproducing devices. 2,130,931; Sept. 20.
- Rzechulka, Rudolf. (See Knoll, M., and Rzechulka.)
- S. C. K. Corporation. (See Scott, Albert B., assignor.)
- "S. E. B. A., Societe Anonyme d'Exploitation de Brevets d'Automobiles". (See Andreau, Jean E., assignor.)
- S. & E. Novelty Co. et al. (See Skora, Hyman, assignor.)
- S. K. F. Industries, Inc. (See Brodin, Eric C., assignor.)
- S. K. F. Industries, Inc. (See Palmgren, Per G., assignor.)
- S. M. A. Corporation. (See Seibert, Howard F., assignor.)
- S. M. Laboratories, Inc. (See Voelker, Earl V., assignor.)
- S. M. M. H. Corporation, The. (See Holst, Lodewyk J. R., assignor.)
- S. O. S. Company, The. (See Brooks, George W., assignor.)
- S. P. O. Incorporated. (See Spikerman, F. T., and Oyster, assignors.)
- S. & S. Corrugated Paper Machinery Co. (See Mayer, John L., assignor.)
- S. & S. Corrugated Paper Machinery Co. (See Peropat, Anthony F., assignor.)
- S. & S. Corrugated Paper Machinery Co. (See Shields, Frank S., assignor.)
- Saabye, William H. (See Whistler, L. V., Saabye, and Tingler.)
- Saacke, Charles W., New York, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,113,816; Apr. 12.
- Saacke, Frederick C. (See Rooke, R. M., and Saacke.)
- Saal, Reyner N. J. (See Buchel, J. A., and Saal.)
- Saarinén, Armas J., assignor to Granberg Meter Corporation, San Francisco, Calif. Rotary meter. 2,131,236; Sept. 27.
- Saarinén, Armas J., assignor to Granberg Meter Corporation, San Francisco, Calif. Rotary meter. 2,135,644; Nov. 8.
- Sabaneef, Basil, New York, N. Y. Mask. 2,127,620; Aug. 23.
- Sabbah, Camil A., deceased, by W. A. Dodge, Schenectady, N. Y., administrator, assignor to General Electric Company. Electric valve converting system. 2,114,192; Apr. 12.
- Sabbah, Camil A., deceased, by W. A. Dodge, Schenectady, N. Y., administrator, and C. C. Herskind, Scotia, N. Y., assignors to General Electric Company. Electric valve converting system. 2,114,193; Apr. 12.
- Sabbath, Jaye C. (See Stubbs, F. A., and Sabbath.)
- Sabel, John C., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens mount. 2,141,317; Dec. 27.
- Sabins, Rolland C., assignor to Mechanical Development Co., St. Paul, Minn. Acetylene generator. 2,104,471; Jan. 4.
- Sacco, James, Everett, Mass. Electric connector. 2,127,473; Aug. 16.
- Sachs, Albert P., New York, N. Y., assignor to Zonite Products Corporation. Radiographic substance. 2,135,474; Nov. 1.
- Sacerdote, Guido M., Bayside, N. Y. Manifold ribbon support. 2,128,267; Aug. 30.
- Sacharow, Maurice H., Cleveland Heights, Ohio. Dispensing apparatus. 2,120,116; June 7.
- Sacher, John R., Philadelphia, Pa., assignor to International Mutoscope Reel Co. Inc., New York, N. Y. Force measuring amusement device. 2,109,551; Mar. 1.
- Sachs, Abraham, Newark, N. J., assignor to M. Sachs, New York, N. Y. Sizing shoes and the like. 2,123,475; July 12.
- Sachs, Albert P., assignor to Petroleum Conversion Corporation, New York, N. Y. Hydrocarbon oil conversion. 2,129,506; Sept. 6.
- Sachs, Charles M. (See Rosenthal, W., and Sachs.)
- Sachs, John H. (See Chambers, A. D., and Sachs.)
- Sachs, Joseph, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Electric meter connection appliance. 2,120,574; June 14.
- Sachs, Joseph, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Electric meter connection appliance. 2,120,575; June 14.
- Sachs, Joseph, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,130,368; Sept. 20.
- Sachs, Joseph, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,131,640; Sept. 27.
- Sachs, Joseph, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Electric meter service installation. 2,131,641; Sept. 27.
- Sachs, Mary. (See Sachs, Abraham, assignor.)
- Sachse, Herbert, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Piezoelectric crystal electrode and method of forming the same. 2,139,469; Dec. 6.
- Sachse, Julius F., assignor to The Midvale Company, Philadelphia, Pa. Treating austenitic chrome-nickel steel alloys. 2,107,014; Feb. 1.
- Sachsenmaier, Ervin S., assignor to Larkwood Silk Hosiery Mills, Inc., Charlotte, N. C. Knitting stockings. 2,113,200; Apr. 5.
- Sächsische Textilmaschinen-fabrik vorm. Rich. Hartmann Aktiengesellschaft. (See Schmitt, Karl J., assignor.)
- "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie, et al. (See Krus, A., and Steffe, assignors.)
- Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Method of recording impulses. 2,118,622; May 24.
- Sack, Hans, Leipzig, Germany. Driving device for multi-row drill barrows of fertilizer spreading machines with rotary distributing members. 2,119,059; May 31.
- Sacker, Frank, assignor of seventy-five percent to A. Marty and twenty-five percent to H. J. Lamboley, Monroe, Wis. Animal restrainer. 2,121,828; June 28.
- Sackett, Ernest D., West Somerville, Mass., assignor of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Composition of matter and making. 2,121,745; June 21.
- Sackner, Wade E., and J. E. Millett, Grand Rapids, Mich. Producing open mesh bags. 2,123,438; July 12.
- Sackner, Wade E., and J. E. Millett, assignors to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Producing imitation reed fabric. 2,128,664; Aug. 30.
- Sacksteder, Abner F., Chicago, Ill. Reflecting display. 2,132,649; Oct. 11.
- Saco-Lowell Shops. (See Banfield, Frederic E., Jr., assignor.)
- Sacre, Charles E., Boston, Mass. Cage. 2,129,786; Sept. 13.
- Sadacca, Henri, New York, N. Y., assignor to General Electric Company. Lamp. 2,114,194; Apr. 12.
- Saddington, Arthur W., and A. P. Julien, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Dialytic process. 2,111,808; Mar. 22.
- Saddington, Arthur W., and A. P. Julien, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Dialytic apparatus. 2,124,861; July 26.
- Saddington, Arthur W., and A. P. Julien, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Dialysis of aqueous caustic solutions. 2,138,357; Nov. 29.
- Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Fastening for tenon-joints. 2,123,081; July 5.
- Sadgrove, William H., Weybridge, England. Chair, settee, or like furniture. 2,106,068; Jan. 18.
- Sadinoff & Wendroff, Inc. (See Holtz, Abraham, assignor.)
- Sadler, Edward P., Louisville, Ky. Producing whip. 2,130,654; Sept. 20.
- Sadler, Ernest K., Los Angeles, Calif., assignor, by mesne assignments, to General Electric Company. Electric switch. 2,141,279; Dec. 27.
- Sadler, Herbert E., Seattle, Wash. Refrigerated back bar. 2,134,644; Oct. 25.
- Sadoff, Bernard J., Buenos Aires, Argentina, assignor to Industrial Patents Corporation, Chicago, Ill. Sausage patty machine. 2,137,901; Nov. 22.
- Sadtler, Edwin B. (See Ketchpel, P. A., and Sadtler.)
- Sadtler, Robert E., Selinsgrove, Pa. Rust preventing composition and rust prevention. 2,105,672; Jan. 18.
- Sadtler, Robert E., Cincinnati, Ohio. Roof structure. 2,109,447; Feb. 22.



- Sadtler, Robert E., Cincinnati, Ohio. Sanitary device. 2,113,123; Apr. 5.
- Sadtler, Samuel S., Springfield Township, Montgomery County, and W. H. Field, Wyncote, Pa., assignors to Bituvert Corporation. Bituminous paving material and making the same. 2,110,892; Mar. 15.
- Sadwith, Ryan, Newark, N. J. Control unit for burning liquid fuel. 2,109,830; Mar. 1.
- Saegebarth, Erich. (See Terres, E., Moos, and Saegebarth.)
- Saegebarth, Erich. (See Terres, E., Saegebarth, and Moos.)
- Saegebarth, Erich. (See Terres, E., Saegebarth, Moos, and Ramser.)
- Saegebarth, Erich, Long Island City, N. Y., assignor to Edeleanu Gesellschaft, m. b. H. Solvent refining of hydrocarbon oils. 2,138,772; Nov. 29.
- Saeger, Charles M., Jr., Bowmanstown, Pa. Foundry practice. 2,127,533; Aug. 23.
- Saeger, Charles M., Jr., Bowmanstown, Pa. Process and product for coating molds and cores. 2,127,534; Aug. 23.
- Saeger, Charles M., Jr., Bowmanstown, Pa. Core binder. 2,127,535; Aug. 23.
- Saelen, Erling J. O., Bergen, Norway. Electrically illuminated fish lure. 2,122,215; June 28.
- Saelens, Edmond, St. Boniface, and C. Moreau, Notre Dame des Lourdes, Manitoba, Canada. Switch for fire prevention devices for motion picture machines. 2,104,952; Jan. 11.
- Saenger, Hugo F., Milwaukee, Wis. Trousers hanger. 2,121,715; June 21.
- Saesan, John, et al. (See Kushner, Frank, assignor.)
- Saettone, Felipe. (See Ohlendorf, Robert A. F., assignor.)
- Safetee Torpedo Corporation. (See Sherman, Louie A., assignor.)
- Safety Car Heating & Lighting Company. (See Creveling, John L., assignor.)
- Safety Car Heating & Lighting Company, The. (See Hulse, George E., assignor.)
- Safety Car Heating & Lighting Company, The. (See Schepmoes, Lindsley, assignor.)
- Safety Car Heating & Lighting Company, The. (See Strobell, John D., assignor.)
- Safety Car Heating & Lighting Company, The. (See Von Ohlsen, Louis H., assignor.)
- Safety Equipment Service Company, The. (See Kimball, Donald E., assignor.)
- Safety Fumigant Company. (See Houghton, Harry W., assignor.)
- Safety Grinding Wheel & Machine Company, The. (See Wilson, John C., assignor.)
- Safety Mining Company. (See Myers, Leonard D., assignor.)
- Safety Scaffold Corporation, The. (See Lamb, Clyde K., assignor.)
- Safety Stop Motion Co. (See Steinhart, Joseph, assignor.)
- Safety Vulcanizer Company. (See Chambers, Perry O., assignor.)
- Safety Vulcanizer Company. (See Grange, Leo O., assignor.)
- Saffert, Paul, Wolfen, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of sponge articles. 2,138,712; Nov. 29.
- Saffir, Jacob A., Rockford, assignor to J. W. Frankel, Chicago, Ill. Dental X-ray film package. 2,104,715; Jan. 4.
- Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Condenser dielectric material. 2,106,039; Jan. 18.
- Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Electrical insulation. 2,118,017; May 17.
- Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Printing roll. 2,125,817; Aug. 2.
- Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Resinous compositions. 2,130,253; Nov. 8.
- Saftien, Karl. (See Roesch, G., Nawlasky, and Saftien.)
- Saftien, Karl. (See Roesch, G., Nawlasky, and Saftien.)
- Saftlas, Samuel, New York, assignor to J. Kaplan and S. Kaplan, co-partners doing business as Pennant Knitting Mills, Brooklyn, N. Y. Fabric. 2,105,301; Jan. 11.
- Saf-T-Pop Corporation. (See Meyer, Joseph L., assignor.)
- Safway Steel Scaffolds Co. of America. (See Bently, D. E., and Rambo, assignors.)
- Safway Steel Scaffolds Co. of America. (See Rambo, I. G., and Graser, assignors.)
- Safway Steel Scaffold Co. of America, The. (See Uecker, R. A., Rambo, and Bently, assignors.)
- Safway Steel Scaffolds Co. of America. (See Uecker, R. A., Rambo, and Simpson, assignors.)
- Sage, Walter P., Los Angeles, Calif. Bamboo rake. 2,122,359; June 28.
- Sage, Willy & Co., Technische Gesellschaft. (See Wiegand, Hellmuth, assignor.)
- Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets. (See Brandt, Edgar W., assignor.)
- Sägbach, Bernhard, assignor to Bültner-Werke Aktien-Gesellschaft, Uerdingen/Rhine, Germany. Rotary drum drier or the like. 2,114,088; Apr. 12.
- Sageble, Perle L. (See Ream, Fred H., assignor.)
- Sagendorph, Frank E., 2nd, Lansdowne, and C. E. Baltinger, assignors to Penn Metal Corporation of Penna., Philadelphia, Pa. Post office box structure. 2,128,854; Aug. 30.
- Sager, Felix & Dr. Gossler Gesellschaft mit beschränkter Haftung. (See Steigmann, Albert, assignor.)
- Sager, John W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical coil. 2,122,894; July 5.
- Sager, Samuel N., Chicago, Ill. Hand and glove protector. 2,118,360; May 24.
- Sager, Solomon M., Hubbard Woods, Ill. Fountain pen. 2,119,796; June 7.
- Sager, Solomon M., Hubbard Woods, Ill., assignor to Sagren Corporation. Fountain pen. 2,125,957; Aug. 9.
- Sager, Solomon M., Hubbard Woods, Ill. Fountain pen ink guard and cap. 2,140,554; Dec. 20.
- Sager, Solomon M., Hubbard Woods, Ill. Plunger type fountain pen. 2,141,199; Dec. 27.
- Sager, Theron P., and D. F. Houston, Washington, D. C. Gas-retaining fabric. 2,126,818; Aug. 16.
- Saginaw Manufacturing Co. (See Sadenwater, Charles W., assignor.)
- Sagren Corporation. (See Sager, Solomon M., assignor.)
- Said, William H., assignor to Corning Glass Works, Corning, N. Y. Culinary vessel. 2,114,403; Apr. 19.
- Saier, Francis D., Upper Nyack, N. Y. Candleholding device. 2,111,642; Mar. 22.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Shiftably mounted work guide. 2,126,507; Aug. 9.
- Sail-Me Company. (See Howard, Joseph O., assignor.)
- Sainderichin, Nicolas, Paris, France, assignor to Follisain Syndicate Limited, London, England. Production of metal carbides. 2,137,144; Nov. 15.
- St. Arnaud, Albert, Detroit, Mich. Self-locking container. 2,137,033; Nov. 15.
- St. Clair, John A., and D. E. Gommel, Indianapolis, Ind. Auxiliary chuck. 2,104,472; Jan. 4.
- St. Clair, Julia A., San Francisco, Calif. Lingerie strap holder. 2,106,072; Jan. 18.
- Saint Genies, Anne H. J. D. L., Versailles, France. Reproduction and projection of goffered films. 2,105,797; Jan. 18.
- Saint Genies, Anne H. J. de L., Versailles, France. Reduction of lenticular films. 2,106,933; Feb. 1.
- Saint Genies, Anne H. J. de L., Versailles, France. Copying goffered films. 2,113,476; Apr. 5.
- Saint Genies, Anne H. J. D., Versailles, France. Screen for the production of stereoscopic images. 2,131,974; Oct. 4.
- Saint Genies, A. H. J. D., Versailles, France. Optical reproduction of lenticulated or goffered films. 2,135,396; Nov. 1.
- St. Genies, Anne H. J. D., Versailles, France. Reproduction of goffered films. 2,136,327; Nov. 8.
- Saint Genies, Anne H. J. D., Versailles, France. Apparatus for photography with or without color. 2,139,855; Dec. 13.
- St. Hilaire, Rodolphe, Montreal, Quebec, Canada. Box toes softener. 2,122,849; July 5.
- Saint-Jacques, Eugène C., Paris, France. Furnace for the agglomeration of pulverulent materials. 2,113,619; Apr. 12.
- Saint-Jacques, Eugène C., Paris, France. Furnace for treating pulverulent materials. 2,120,785; June 14.
- Saint-Jacques, Eugène C., Paris, France. Propeller and like rotary member. 2,133,072; Nov. 29.
- St. Joe Machines, Inc. (See Schmidtke, Albert H., assignor.)
- St. John, Alfred, Manchester, N. H. Spark plug. 2,122,015; June 28.
- St. John, Charles B., St. Paul, Minn. Adjustable counter partition. 2,121,492; June 21.
- St. John, Louis J. (See Bendsil, V. L., and St. John.)
- St. Joseph Iron Works. (See Schmidtke, Albert H., assignor.)
- St. Joseph Lead Company. (See Najarian, Herand K., assignor.)
- St. Louis Car Company. (See Lohrman, Robert F., assignor.)
- St. Paul Hydraulic Hoist Co. (See Day, Herbert O., assignor.)
- St. Paul Hydraulic Hoist Company. (See Harley, Bertron G., assignor.)
- St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric and making the same. 2,131,720; Sept. 27.
- St. Pierre, Henry, Worcester, Mass. Cross chain. 2,109,038; Feb. 22.
- St. Regis Paper Company. (See Dorrington, Neill E., assignor.)
- St. Regis Paper Company. (See Hoppe, Edgar, assignor.)
- St. Thomas, William H., and O. D. Weydener, assignors to E. J. Wilkins & Co., Gloversville, N. Y. Billfold and the like. 2,113,037; Apr. 5.
- St. Thomas, William H., and O. D. Weydener, assignors to E. J. Wilkins Co., Gloversville, N. Y. Container. 2,119,122; May 31.
- Salves, Leon, assignor to L. Renault, Billancourt, France. Device for the control of sliding body tops for vehicles. 2,109,710; Mar. 1.
- Salves, Leon, assignor to L. Renault, Billancourt, France. Gas case-hardening furnace. 2,109,711; Mar. 1.



- Saives, Leon, assignor to L. Renault, Billancourt, France. Mechanical trimming of pieces. 2,110,530; Mar. 8.
- Saives, Leon, assignor to L. Renault, Billancourt, France. Power hammer for stamping with counter-tup. 2,117,575; May 17.
- Saives, Léon, assignor to L. Renault, Billancourt, France. Construction of fuselages, vehicle bodies, and the like. 2,121,670; June 21.
- Saives, Léon, assignor to L. Renault, Billancourt, France. Locking device for vehicle wheels. 2,136,760; Nov. 15.
- Saives, Leon, assignor to L. Renault, Billancourt, France. Servo-brake for motor vehicles. 2,137,145; Nov. 15.
- Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Lavatory unit. 2,130,196; Sept. 13.
- Saks, Ira. (See Spase, Charles B., assignor.)
- Salabes, Sody, Baltimore, Md. Making dental trays. 2,113,223; Apr. 5.
- Salb Laboratories, Inc. (See Salb, Oscar G., assignor.)
- Salb, Oscar G., Seymour, assignor to Salb-Laboratories, Inc., Indianapolis, Ind. Hexamethylenetetramine N bismuth iodide. 2,131,144; Sept. 27.
- Salberg, Karl. (See Crichton, James V., assignor.)
- Sale, John W., assignor to Hummel-Ross Fibre Corporation, Hopewell, Va. Ply paper or board manufacture. Re. 20,667; Mar. 8.
- Salembier, Maurice A., Jr., Plandome, N. Y. Continuous yarn. 2,107,838; Feb. 8.
- Salembier, Maurice A., Jr., Plandome, N. Y. Throwing silk. 2,123,970; July 19.
- Salembier, Maurice A., Jr., Plandome, N. Y. Hosiery. 2,123,971; July 19.
- Salemme, William, West Orange, N. J., assignor to Celuloid Corporation. Tube for thermoplastic derivatives of cellulose. 2,108,022; Feb. 8.
- Salemme, William, West Orange, N. J., assignor to Celuloid Corporation. Method and apparatus for making tubes of thermoplastic derivatives. 2,108,023; Feb. 8.
- Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid congealing apparatus. 2,140,923; Dec. 20.
- Salerni, Marie T. E. (See Salerni, Piero M., assignor.)
- Salerni, Piero M. (See Boldt, W. F., and (Thomas, assignor).)
- Salerni, Piero M., et al. (See Cox, J. C., Boldt, and (Thomas, assignor).)
- Salerni, Piero M., Westminster, England, assignor to M. T. E. Salerni, Nice, France. Hydraulic power transmission apparatus. 2,122,353; June 28.
- Salerno, Jasper L., East Haven, Conn. Automatic hitch and brake mechanism. 2,134,931; Nov. 1.
- Salerno Machinery Company. (See Brandt, John, assignor.)
- Salesvertising Associates, Inc. (See Doolittle, Douglass, assignor.)
- Salfsberg, Leroy L., South Orange, assignor to Ivers Lee Company, Newark, N. J. Metal container. 2,121,988; June 28.
- Salfsberg, Leroy L., South Orange, assignor to Ivers Lee Company, Newark, N. J. Powder dispensing unit. 2,125,318; Aug. 2.
- Salfsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Perforate package structure. 2,138,358; Nov. 29.
- Salfsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Forming and filling bags. 2,139,039; Dec. 6.
- Salfsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Powder package. 2,139,040; Dec. 6.
- Salfsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Color packaging. 2,139,041; Dec. 6.
- Salfsberg, Leroy L., South Orange, assignor to Wrap-Ade Machine Company, Newark, N. J. Package fabricator. 2,140,117; Dec. 13.
- Salfsberg, Leroy L., South Orange, assignor to Wrap-Ade Machine Company, Newark, N. J. Envelope forming machine. 2,140,599; Dec. 20.
- Salfsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Rubber container manufacture. 2,141,318; Dec. 27.
- Salkeld, Charles E. (See Evans, J. G., and Salkeld.)
- Sall, John A., Rockford, Ill. Fluid distribution valve. 2,111,572; Mar. 22.
- Sallada, Vermont, Annandale, N. J. Decoration of fabrics. 2,118,781; May 24.
- Sallee, Webster L., Cleveland, Ohio. Fuel gun and aerator. 2,114,319; Apr. 19.
- Salley, Frank W., Atlanta, Ga. Visible accounting, recording, and filing system. 2,122,956; July 5.
- Sallop, Harry A., and C. Emmey, New York, N. Y. Chair covering. 2,109,652; Mar. 1.
- Sallot, Louis E., Paris, France. Pump system for liquid fuel heating plants. 2,132,130; Oct. 4.
- Salm, John, Torrance, Calif. Fish lure. 2,124,152; July 19.
- Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Translating mechanism. 2,112,308; Mar. 29.
- Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Printing telegraph system and apparatus. 2,117,855; May 17.
- Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Teleprinter. 2,127,144; Aug. 16.
- Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Printing telegraph apparatus. 2,127,145; Aug. 16.
- Salmon, Reginald D., and F. R. Thomas, assignors to Creed and Company Limited, Croydon, Surrey, England. Transmitting apparatus in teleprinters. 2,130,400; Sept. 20.
- Salmona, Riccardo, et al. (See Salvoni, Ippolito, assignor.)
- Salmond, Hubert M., Fareham, assignor to Graviner Manufacturing Company Limited, London, England. Electrical switching device. 2,130,706; Sept. 20.
- Salmonsén, Anton, Stapleton, N. Y. Hot water heating system. 2,105,893; Jan. 18.
- Salnikov, Ivan S., Seminole, Okla., assignor to Standard Oil Development Company. Pressure gauge. 2,120,991; June 21.
- Salo, Martti. (See Fordyce, C. R., and Salo.)
- Salo, Martti, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsions. 2,110,491; Mar. 8.
- Salo, Martti, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic developing and fixing solution. 2,126,349; Aug. 9.
- Salomon, Schachna M., and S. Busch, assignors to Sunbred Limited, London, England. Reduction of grain and its subsequent conversion into bread or like product. 2,131,674; Sept. 27.
- Salpeter, Jakob, Vienna, Austria. Filament for incandescent lamps and manufacturing the same. 2,113,905; Apr. 12.
- Salsbury, Esley F., Orinda, Calif. Motor vehicle. 2,111,691; Mar. 22.
- Salsman, Thomas J., assignor to Rockwell-Barnes Company, Chicago, Ill. Notebook. 2,114,815; Apr. 19.
- Salsman, Thomas J., and J. M. Marchok, assignors to Rockwell-Barnes Company, Chicago, Ill. Bookbinding. 2,107,217; Feb. 1.
- Salt Dome Oil Corporation, The. (See Hasselmann, Karl F., assignor.)
- Salt Dome Oil Corporation, The. (See Neumann, F. J. G., and Haubold, assignors.)
- Salter, John W., Kent, assignor to The Lamson & Sessions Company, Cleveland, Ohio. Clinch nut. 2,138,409; Nov. 29.
- Saltzman, S. M. (See Parker, Louis W., assignor.)
- Salvage, Fred C., Bellflower, Calif. Portable utility cabinet. 2,113,995; Apr. 12.
- Salvatori, Henry, Hollywood, Calif., assignor to Western Geophysical Company, Tulsa, Okla. Seismometer. 2,111,643; Mar. 22.
- Salvatori, Henry, Hollywood, assignor to Western Geophysical Company, Los Angeles, Calif. Apparatus for seismic surveying. 2,117,364; May 17.
- Salvatori, Henry, Hollywood, Calif., assignor, by mesne assignments, to Stanolid Oil and Gas Company, Tulsa, Okla. Seismic well logging. 2,137,985; Nov. 22.
- Salvatori, Henry, and J. N. Walstrum, assignors to Western Geophysical Company, Los Angeles, Calif. Seismic surveying. 2,117,365; May 17.
- Salvin, Victor S. (See Seymour, G. W., and Salvin.)
- Salvo, Pete, Oakland, Calif. Safety device for hydraulic brakes. 2,110,342; Mar. 8.
- Salvoni, Ippolito, New York, N. Y. Safety system of water supply for bidets and the like. 2,104,210; Jan. 4.
- Salvoni, Ippolito, assignor of forty-four per cent to R. Salmona, New York, and twelve per cent to E. Q. Jackson, Jackson Heights, N. Y. Protective device for systems of water supply. 2,115,499; Apr. 26.
- Salz, Ignatz, New York, N. Y. Fountain pen. 2,114,816; Apr. 19.
- Salz, Max, New York, N. Y. Hair-clipping and shaving device. 2,109,507; Mar. 1.
- Salzberg, Paul L. (See Bousquet, E. W., Graves, and Salzberg.)
- Salzberg, Paul L. (See Bousquet, E. W., and Salzberg.)
- Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bismuth salts of a monoalkyl polycarboxylate and making them. 2,110,473; Mar. 8.
- Salzberg, Paul L., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Inhibitor. 2,111,227; Mar. 15.
- Salzberg, Paul L., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized parasiticial compositions. 2,112,381; Mar. 29.
- Salzberg, Paul L., Carrcroft, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Naphthenyl esters of phosphorous acids. 2,121,611; June 21.
- Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,124,749; July 26.
- Salzberg, Paul L., Edge Moor, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Parasiticides. 2,122,781; July 5.
- Salzberg, Paul L., Carrcroft, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst and catalytic process. 2,129,507; Sept. 6.



- Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,131,904; Oct. 4.
- Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thiourea derivatives. 2,139,697; Dec. 13.
- Salzberger, Andreas, assignor to Olympia Büromaschinenwerke A. G., Erfurt, Germany. Pressing-on device for type-levers. 2,114,659; Apr. 19.
- Salzberger, Andreas, assignor to Olympia Büromaschinenwerke A. G., Erfurt, Germany. Noise-damping device for power-driven typewriters. 2,119,928; June 7.
- Salzberger, Andreas, assignor to Olympia Büromaschinenwerke A. G., Erfurt, Germany. Device for varying the strength of the type impression in typewriting office machines. 2,134,343; Oct. 25.
- Salzmann, Leo. (See Blumer, M., and Salzmann.)
- Salzmann, Leo. (See Kessler, G. A., and Salzmann.)
- Samaras, Nicholas N. T. (See Hochwalt, C. A., and Samaras.)
- Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Electric cord terminal. 2,112,680; Mar. 29.
- Sambraus, Adolf, Berlin-Charlottenburg, Germany. Airplane structure. 2,116,953; May 10.
- Sambur, William, and A. Nissenfeld, Jamaica, N. Y. Electric time clock and thermostatic dial for same. 2,129,878; Sept. 13.
- Samcoe Holding Corporation. (See Cohn, Samuel, assignor.)
- Samcoe Holding Corporation. (See Cohn, S., and Walter, assignors.)
- Sametz, Louis, Westport, Conn. Garment supporter. 2,122,494; July 5.
- Samiran, David, Dayton, Ohio. Fluid segregating apparatus. 2,115,043; Apr. 26.
- Samiran, David, Dayton, Ohio. Fluid dispensing apparatus. 2,120,266; June 14.
- Sammons, Edward C., assignor to Iron Fireman Manufacturing Company, Portland, Ore. Overfeed stoker. 2,130,329; Sept. 13.
- Sammons, Paul R., McAllen, assignor of one-half to F. R. Ratcliff, Mission, Tex. Fruit picker. 2,135,354; Nov. 1.
- Sammut, Saviour, New Haven, Conn. Three-way socket and lamp. 2,127,370; Aug. 16.
- Samperi, Antonino, Pittsburgh, Pa. Safety fire escape for buildings. 2,119,444; May 31.
- Sampson, Charles H., Rochester, N. Y. Calculating attachment for typewriters. 2,116,285; May 3.
- Sampson, Charles H., Rochester, N. Y. Calculating attachment for printing machines. 2,116,286; May 3.
- Sampson, Clara F., Chicago, Ill. Eyebrow razor. 2,127,010; Aug. 16.
- Sampson, David A. (See Smith, M. B., and Carlson, assignors.)
- Sampson, Harry C., Bloomington, Ill. Combination crossing gate and signal protective means. 2,137,196; Nov. 15.
- Sampson, Robert W., New York, N. Y., assignor to Sampson Rubber Products Corporation, Detroit, Mich. Making rubber articles. 2,133,833; Oct. 18.
- Sampson Rubber Products Corporation. (See Sampson, Robert W., assignor.)
- Sams, Anson B., Chattanooga, Tenn. Eye-muscle exerciser. 2,117,825; May 17.
- Samson-United Corporation. (See Keene, Alvin D., assignor.)
- Samson-United Corporation. (See Samuels, Abe O., assignor.)
- Samstag, Elsie, executrix. (See Samstag, Louis A.)
- Samstag, Louis A., deceased, New York, N. Y.; E. Samstag, executrix. Lipstick holder. 2,131,975; Oct. 4.
- Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillation generator. 2,114,478; Apr. 19.
- Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,130,510; Sept. 20.
- Samuel, Howard H., Hackettstown, N. J. Channel-iron bending apparatus. 2,108,271; Feb. 15.
- Samuel, Joseph R., New Orleans, La. Display box. 2,129,879; Sept. 13.
- Samuel, Mary E., Martins Ferry, Ohio. Rubberized scour-aid or scraper. 2,115,216; Apr. 26.
- Samuel Stamping & Enameling Company. (See Morin, L. O. Jr., and Shelton, assignors.)
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Round heel iron. 2,105,229; Jan. 11.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Drier. 2,126,581; Aug. 9.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Electric stove. 2,127,425; Aug. 16.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Stove plate with reinforced expandable sectors. 2,127,426; Aug. 16.
- Samuels, Albert S., Company. (See Sloss, Harry, assignor.)
- Samuels, Leo M., Alexandria, Va. Scale duplicator. 2,122,440; July 5.
- Samuelson, Frans G., O. H. Jonson, and K. J. H. Engdahl, assignors to Wargius Aktiebolag, Wargon, Sweden. Producing metals and alloys poor in carbon and silicon. 2,123,262; July 10.
- Sanborn, Paul H., Huntington, W. Va. Method and apparatus for molding articles. 2,129,240; Sept. 6.
- Sanchez, Pedro, Habana, Cuba. Producing hypochlorous acid solution. 2,111,194; Mar. 15.
- Sanchioni, Adolf L., Boston, assignor to D. N. Borkum, Brookline, Mass. Flexible inner sole. 2,113,183; Apr. 5.
- Sand, Haakon, Zumbrota, Minn. Dish drying pan. 2,118,984; May 31.
- Sand, William G. (See Fuhrmann, W., and Sand.)
- Sandberg, Christer P., O. F. A., and N. P. P., assignors to the firm of Messrs Sandberg, London, England. Hot-bed for rails. 2,115,690; Apr. 26.
- Sandberg, Messrs. (See Sandberg, C. P., O. F. A., and N. P. P., assignors.)
- Sandberg, Nils P. P. (See Sandberg, Christer P., O. F. A., and N. P. P.)
- Sandberg, Oscar, Battle Creek, assignor, by mesne assignments, to Oliver Machinery Co., Grand Rapids, Mich. Wrapping machinery. 2,110,113; Mar. 1.
- Sandberg, Oscar F. A. (See Sandberg, Christer P., O. F. A., and N. P. P.)
- Sandberg, Ray A., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever construction. 2,107,047; Feb. 1.
- Sandberg, Ray A., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Bumper guard. 2,107,048; Feb. 1.
- Sandberg, Ray A., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Spherical receiver tank and making same. 2,113,060; Apr. 5.
- Sandberg, Ray A., and C. R. Duncan, Waukegan, assignors to Oakes Products Corporation, North Chicago, Ill. Automobile lock. 2,113,563; Apr. 12.
- Sandberg, Robert N. (See Hadaway, J. B., and Sandberg.)
- Sandberg, Rolf A. F. (See East, F. J., and Sandberg.)
- Sandborn, Lloyd T., Wausau, assignor to Marathon Paper Mills Company, and Guy C. Howard Company, Rothschild, Wis., jointly. Making vanillin. 2,104,701; Jan. 4.
- Sander, Ernst, Dessau, Germany. Refrigeration machine. 2,126,978; Aug. 16.
- Sander, John R., West Palm Beach, Fla. Pistol holding device. 2,132,323; Oct. 4.
- Sander, Paul, assignor to the firm Chemnitz Strickmaschinen-Fabrik Akt. Ges., Chemnitz, Germany. Circular knitting machine. 2,129,103; Sept. 6.
- Sanders, Arthur F., assignor of one-half to John Fowler & Company (Leeds) Limited, Leeds, England. Cylinder liner for internal-combustion engines. 2,108,392; Feb. 15.
- Sanders, Bertram, South Orange, N. J., assignor to The Manhattan Shirt Co., New York, N. Y. Underwear. 2,118,797; May 24.
- Sanders, Cary B., Washington, D. C. Staff-controlled baby walker. 2,108,566; Feb. 15.
- Sanders, Clarence E. (See Howell, H. H., and Rutledge, and Sanders.)
- Sanders, Clarence E., J. A. Cannon, and H. H. Howell, Kansas City, Mo., assignors to Clyde Leavengood, trustee, Kansas City, Kans. Rocking platform for therapeutic treatments. 2,104,764; Jan. 11.
- Sanders-Dolgoruki, Edgar, and J. H. Reindorp, assignors to Truecolour Film Limited, London, England. Color photography or cinematography. 2,134,266; Oct. 25.
- Sanders-Dolgoruki, Edgar, and J. H. Reindorp, assignors to Truecolour Film Limited, London, England. Color photography and cinematography. 2,137,785; Nov. 22.
- Sanders, John C., assignor to Boeing Aircraft Company, Seattle, Wash. Retractable gun mount. 2,105,055; Jan. 11.
- Sanders, John C., assignor to Boeing Aircraft Company, Seattle, Wash. Aircraft gun mount. 2,113,143; Apr. 5.
- Sanders, John C., assignor to Boeing Aircraft Company, Seattle, Wash. Aircraft gun mount supported independently of enclosures therefor. 2,136,825; Nov. 15.
- Sanders Small Arms Limited. (See Sanders, Thomas F., assignor.)
- Sanders, Thomas F., Slough, assignor to Sanders Small Arms Limited, London, England. Trigger mechanism for firearms. 2,117,218; May 10.
- Sanders, Walter C., assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle bearing seal. 2,133,230; Oct. 11.
- Sanderson, Joseph H., Babylon, N. Y. Separator for snap fasteners. 2,127,316; Aug. 16.
- Sanderson, Martin L., Davis, assignor of one-third to W. D. James, Sacramento, and one third to F. P. Wray, Davis, Calif. Implement hitch. 2,130,860; Sept. 20.
- Sandhop, Karl, Flushing, N. Y. Dispensing device. 2,106,280; Jan. 25.
- San Diego Consolidated Gas and Electric Company. (See Goldkamp, Otto B., assignor.)
- Sandin, Jerome, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,130,904; Sept. 20.
- Sandin, Jerome, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fuse cut-out. 2,131,583; Oct. 25.
- Sandler, Louis, assignor to Johnson Bronze Company, New Castle, Pa. Manufacturing strip metal bearing stock. 2,117,454; May 17.



- Sandler, Louis, assignor to Johnson Bronze Company, New Castle, Pa. Manufacturing strip metal bearing stock. 2,117,455; May 17.
- Sandmeyer, Ernest R., Yakima, Wash. Fruit sorting and packing system. 2,108,869; Feb. 22.
- Sandner, Frederick J. (See Pattison, W. W., and Sandner.)
- Sandone, Joseph M., assignor of one-half to N. A. Bender, Chicago, Ill. Coat foundation and making same. 2,140,853; Dec. 20.
- Sandor, Felix E. L. (See Sandor, Nicholas and F. E. L.)
- Sandor, Nicholas, Surbiton, assignor to I. S. M. Limited, London, England. Advertising device. 2,122,782; July 5.
- Sandor, Nicholas and F. E. L., Surbiton, assignors to I. S. M. Limited, London, England. Advertising, indicating, and displaying device. 2,132,085; Oct. 4.
- Sandorff, Alfred J., Niagara Falls, N. Y., assignor to General Abrasive Company, Inc. Work supporting roll for polishing machines. 2,115,217; Apr. 26.
- Sandoval y Campdera, José M., and M. F. de C. Cuadrado, Seville, Spain. Electric lamp plug connector base and socket. 2,121,886; June 28.
- Sands, Alexander J., Westminster, assignor to The London Electric Wire Company, and Smiths Limited, London, England. Machine for covering wire with a helical wrapping. 2,106,437; Jan. 25.
- Sands, Donald, Akron, Ohio. Alarm device. 2,122,921; July 5.
- Sands, Roy G., Waukegan, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Substation protector. 2,106,902; Feb. 1.
- Sands, Roy G., Waukegan, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Substation protector. 2,141,490; Dec. 27.
- Sands, William H., and H. N. Moore, Gambrills, Md. Dispensing device. 2,129,627; Sept. 6.
- Sandstrom, Oscar R. (See Walsh, R., and Sandstrom.)
- Sandstrom, Peter F., Chicago, assignor, by mesne assignments, of one-half to A. R. Johnson, Maywood, Ill. Salt and pepper shaker and the like. 2,135,848; Nov. 8.
- Sandt, Kurt, Pirmasens, Germany. Sole-pressing last. 2,135,016; Nov. 1.
- San-Electric Company, The. (See Moir, Vincent J., assignor.)
- Sanford, Baalis, assignor to Norton Company, Worcester, Mass. Composite abrasive wheel. 2,121,746; June 21.
- Sanford, Baalis, assignor to Norton Company, Worcester, Mass. Making a composite abrasive wheel. 2,137,986; Nov. 22.
- Sanford, Carl J. (See Walker, A. O., and Sanford.)
- Sanford, Charles L., Meadville, Pa. Roof and floor block. 2,104,356; Jan. 4.
- Sanford, Elbert A., Irondequoit, assignor to The Pfauidler Co., Rochester, N. Y. Heating apparatus. 2,109,930; Mar. 1.
- Sanford, Hugh W., Knoxville, Tenn. Antifriction bearing assembly for wheels and axles. 2,113,497; Apr. 5.
- Sanford, Hugh W., Knoxville, Tenn. Transverse cantilever construction for mine or similar rail cars. 2,128,271; Aug. 30.
- Sanford Investment Company, The. (See Moore, Perry E., assignor.)
- Sanford Mills. (See Booth, Leroy W., assignor.)
- Sanford, Robert V. (See Bristol, H. C., Sanford, and Doolittle.)
- Sanford, Roy S. (See Andres, W. J., and Sanford.)
- Sanford, Roy S. (See Klierath, V. W., and Sanford.)
- Sanford, Roy S., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,111,335; Mar. 15.
- Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic shock absorber adjusting mechanism. 2,131,014; Sept. 20.
- Sanford, Roy S., New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Clutch operating mechanism. 2,131,075; Sept. 27.
- Sanford, Roy S., New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Shock absorber control mechanism. 2,140,767; Dec. 20.
- Sanford, Roy S., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,140,768; Dec. 20.
- Sanford, Roy S., and M. W. McConkey, assignors to Bendix Aviation Corporation, South Bend, Ind. Vehicle control. 2,113,860; Apr. 12.
- Sanford, Roy S., New York, N. Y., and W. J. Andres, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Vehicle control mechanism. 2,128,165; Aug. 23.
- Sanford, Roy S., New York, N. Y., and M. W. McConkey, assignors to Bendix Aviation Corporation, South Bend, Ind. Vehicle. 2,131,015; Sept. 20.
- Sanford, Roy S., New York, and M. W. McConkey, assignors to Bendix Aviation Corporation, South Bend, Ind. Vehicle transmission. 2,137,249; Nov. 22.
- Sanford, Roy S., New York, N. Y., and W. J. Andres, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Vehicle control mechanism. 2,137,954; Nov. 22.
- Sanford, William T. (See Dewar, R., and Sanford.)
- San Francisco Sulphur Company. (See Ceccon, John B., assignor.)
- Sang, Henry J., Philadelphia, Pa. Adjusting indicating system for measuring instruments. 2,112,252; Mar. 29.
- Sangamo Electric Company. (See Greenwood, E., and Struck, assignors.)
- Sangamo Electric Company. (See Hamil, Ret O., assignor.)
- Sangamo Electric Company. (See Holtz, Frederick C., assignor.)
- Sangamo Electric Company. (See Kurz, Fred, assignor.)
- Sangamo Electric Company. (See Lanphier, Charles H., assignor.)
- Sangamo Electric Company. (See Martin, James S., assignor.)
- Sangamo Electric Company. (See Wilmeth, Roscoe H., assignor.)
- Sanicut Mfg. Co. (See Pershall, Ralph H., assignor.)
- San Isabel Novelty Works Company. (See Hurlbut, Burt M., assignor.)
- Sanitary District of Chicago, The. (See Palmieri, M., and Beck, assignors.)
- Sanitary Headwear Mfrs., Inc. (See Bauer, Richard L., assignor.)
- Sanitary Mattress Company. (See Olson, Gilbert, assignor.)
- Sanlin Offset Press Manufacturing Corporation. (See Aberle, Roy, assignor.)
- Sanna, Anthony R., and F. L. Sanna, Madison, Wis. Milk products. 2,117,681; May 17.
- Sanna, Philip L. (See Sanna, Anthony R., and F. L.)
- Sanna, Philip L., Madison, Wis. Chocolate milk product and making the same. 2,117,682; May 17.
- Sanoderm Company, The. (See Nordsiek, Frederic W., assignor.)
- Sansome, Ralph D., Birmingham, assignor of one-half to W. Pilkington, Wyde Green, England. Producing a cast article with a facing of sheet metal. 2,108,996; Feb. 22.
- Santamaria, Aristodemo E., Genoa, Italy. Making valve bodies. 2,122,957; July 5.
- Santamaria, Emedio. (See Santamaria, Michelino and E.)
- Santamaria, Michelino and E., Rochester, N. Y. Fruit juice expressing device. 2,126,045; Aug. 9.
- Santarelli, Vincent, and J. Giacobbe, Detroit, Mich. Pump. 2,110,027; Mar. 1.
- Santee, Edwin J., St. Louis, Mo. School desk unit. 2,137,509; Nov. 22.
- Santillan, Miguel, San Francisco, Calif. Grill for tortillas and the like. 2,112,309; Mar. 29.
- Santini, Danilo, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator system. 2,117,912; May 17.
- Santini, Danilo, Chicago, Ill., and K. M. White, Tenafly, N. J., assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Regulating apparatus. 2,128,056; Aug. 23.
- Santman, Jan E., Overum, Sweden. Plow. 2,105,162; Jan. 11.
- Santoni, Ermenegildo, Florence, Italy. Automatic aerophotographic camera with a rotary annular plate-magazine. 2,122,870; July 5.
- Santurello, Peter, Columbus, Ohio. Hair waving apparatus. 2,116,644; May 10.
- Santurello, Peter, Columbus, Ohio. Hair waving apparatus. 2,135,055; Nov. 1.
- Sapeer, Hyman, Munhall, Pa. Shoe display support. 2,109,977; Mar. 1.
- Sapeer, Hyman, Munhall, Pa. Shoe holder. 2,117,630; May 17.
- Saponara, Dominick. (See Schneider, F. H., and Saponara.)
- Sappington, Paul, assignor of one-half to J. C. Rosenthal, Los Angeles, Calif. Machine for making spring mattresses and the like. 2,126,979; Aug. 16.
- Sapunar, Joseph M., San Mateo, Calif. Holder for string. 2,103,449; Feb. 15.
- Saqui & Co. (See Alexander, Stanford, assignor.)
- Saracco, Peter, assignor of one-third to C. Dannen, San Francisco, and one-third to W. H. Brown, Palo Alto, Calif. Beacon light. 2,127,757; Aug. 23.
- Sarazin, Raoul R. R., Saint-Prix, France. Means adapted to reduce the torsional oscillations of crankshafts. Re. 20,773; June 28.
- Sarazin, Raoul R. R., St.-Prix, France. Vibration reducing device. 2,127,888; Aug. 23.
- Sarazin, Raoul R. R., Saint-Prix, France. Apparatus for continuously measuring torques. 2,129,241; Sept. 6.
- Sarazin, Raoul R. R., Saint-Prix, France. Vibration damping device. 2,137,591; Nov. 22.
- Sardeson, Robert, Minneapolis, Minn. assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,132,650; Oct. 11.
- Sardik Incorporated. (See Cowgill, William W., assignor.)
- Sarfert, Harry, Philadelphia, and A. A. Arnold, Pottstown, Pa. Thread cleaner bracket. 2,118,623; May 24.
- Sarff, Austin O., Walker, Minn. Fishing sinker. 2,135,536; Nov. 8.
- Sargent, Allston, Bronxville, N. Y., and A. C. Armstrong, Baltimore, Md., assignors to Cambell Metal Window Corporation, New York, N. Y. Ventilating and air treating unit. 2,112,221; Mar. 22.
- Sargent & Company. (See Shaw, John H., assignor.)
- Sargent, Don A., Portland, Maine. Filter-fan-lamp equipment. 2,136,254; Nov. 8.



- Sargent, Edward H. G., assignor to Reckitt & Sons Limited, Hull, England. Molding composition. 2,129,749; Sept. 13.
- Sargent, Edward M., Oakland, Calif. Static elimination circuit. 2,138,123; Nov. 29.
- Sargent, Frank P., Detroit, Mich., assignor to The Bassick Company, Bridgeport, Conn. Hood catch and bracket therefor. 2,138,044; Nov. 29.
- Sargent, John A., Bronxville, assignor to Campbell Metal Window Corporation, New York, N. Y. Automobile air conditioning means. 2,115,472; Apr. 26.
- Sargent, Otto E., and J. R. Pichinino, San Francisco, Calif. Processing fowl. 2,129,968; Sept. 13.
- Sargent, Richard B. (See Wendell, E. J., and Sargent.)
- Sargent, Sullivan A., Jr., et al., trustees. (See Stanton Avery H., assignor.)
- Sartakoff, Jack D., Elmhurst, Long Island, N. Y., assignor to No-Mercury Felt Corporation. Preparing fur for felting. 2,105,894; Jan. 18.
- Sartell, Page M., Farmingdale, N. Y. Fuel-gas and air carburetor. 2,105,056; Jan. 11.
- Sartoris, George U. L. (See Heyermans, C., and Sartoris.)
- Sas, Elmer, New York, N. Y. Necktie carrier. 2,134,645; Oct. 25.
- Sasgen, Anthony M. (See Sasgen, Michael J. and A. M.)
- Sasgen, Michael J. and A. M., assignors to Grand Specialties Company, Chicago, Ill. Door stop. 2,121,490; June 21.
- Sass, Friedrich, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Air inlet arrangement for two-cycle internal combustion engines. 2,123,065; July 5.
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Automatic universal profile and die-sinking machine. 2,142,061; Dec. 27.
- Satake, Iwajiro, Shibuya-ku, Tokyo, Japan. Broom or rake. 2,118,235; May 24.
- Sateren, Martin G., West Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Joint structure and making the same. 2,137,097; Nov. 15.
- Sather, Peter, Jr., Salt Lake City, Utah. Folding camp stove. 2,140,924; Dec. 20.
- Sato, Takeo, Tokyo, Japan, assignor to General Electric Company. Simplified structure for driving spinning blades. 2,141,319; Dec. 27.
- Satre, Hilmar E., assignor to First Caisson Machinery & Boring Co., Chicago, Ill. Auger shaft. 2,141,880; Dec. 27.
- Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Apparatus and method for controlling rotation. 2,121,054; June 21.
- Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Control system. 2,131,759; Oct. 4.
- Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Apparatus for controlling speed of winding machinery. 2,140,555; Dec. 20.
- Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Dial engraving machine. 2,140,556; Dec. 20.
- Sattler, Johann, Bohemia, Czechoslovakia. Wind musical instrument. 2,106,281; Jan. 25.
- Sattig, Philipp, Mannheim, Germany. Double layer cardboard roof. 2,125,694; Aug. 2.
- Saudicœur, Louis J., Villeurbanne, assignor to Ateliers de Constructions Electriques de Delle, Paris, France. High tension fuse with high rupturing power. 2,109,850; Mar. 1.
- Sauer A.-G. (See Wydler, Hermann, assignor.)
- Sauer, Anthony M., Cincinnati, Ohio. Glare shield structure. 2,107,586; Feb. 8.
- Sauer, Arthur G., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Control system for electric dehydrators. 2,136,469; Nov. 15.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for sewing machines. 2,108,412; Feb. 15.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Transmission mechanism for sewing machines. 2,111,873; Mar. 22.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines. 2,121,532; June 21.
- Sauer, George, Berwyn, and C. C. Smith, Chicago, assignors to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines. 2,119,492; May 31.
- Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Road torch. 2,122,624; July 5.
- Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Switch device for automobile direction signals. 2,134,289; Oct. 25.
- Sauer, John W., South Bend, Ind. Drapery hanger. 2,125,202; July 26.
- Sauer, Oskar, Philadelphia, Pa. Producing nonravel knitted fabric. 2,113,242; Apr. 5.
- Sauer, Oskar, Philadelphia, Pa. Knitting. 2,129,385; Sept. 6.
- Sauer, Oskar, Philadelphia, Pa. Lace fabric. 2,141,409; Dec. 27.
- Sauerbier, Erwin, Berlin, Germany. Ballistic game apparatus. 2,139,210; Dec. 6.
- Sauereisen, Christian F., Aspinwall, Pa. Building block and structure formed therefrom. 2,124,084; July 19.
- Sauerland, Joseph, West New York, N. J., assignor to Hardman, Peck and Company, New York, N. Y. Piano mechanism. 2,141,765; Dec. 27.
- Saureman, Ernst C., Chicago, Ill. Envelope machine. 2,123,348; July 12.
- Saureman, Ernst C., Chicago, Ill. Envelope machine. 2,134,379; Oct. 25.
- Saul, August A. (See Sinkovitz, J., and Saul.)
- Saulnier, Raymond, Paris, France. Tail device for airplanes. 2,105,374; Jan. 11.
- Saulnier, Raymond, Puteaux, France. Landing gear for aircraft. 2,106,934; Feb. 1.
- Saulnier, Raymond, Puteaux, France. Aircraft. 2,119,181; May 31.
- Saulnier, Raymond, Paris, France. Liquid cooling device for aircraft engines. 2,125,751; Aug. 2.
- Saulnier, Raymond, Paris, France. Removable roof for the cockpits of aircraft. 2,125,752; Aug. 2.
- Saulnier, Raymond, Paris, France. Pump for aircraft machinery. 2,134,237; Oct. 25.
- Saunders, Harold F., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Weather resistant pigment. 2,122,297; June 28.
- Saunders, Harold F., and C. D. Downs, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Coating material. 2,117,366; May 17.
- Saunders, Kenneth H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture and application of azo dyes. 2,115,149; Apr. 26.
- Saunders, Kenneth H., and M. A. T. Rogers, Blackley, England, assignors to Imperial Chemical Industries Limited. Stabilized diazo compounds. 2,111,692; Mar. 22.
- Saunders, Norman H. (See Crocker, T. F., Saunders, and Lomax.)
- Saunders, Norman H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,105,012; Jan. 11.
- Saunders, Norman H., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Motor starting system. 2,108,143; Feb. 15.
- Saunders, Norman H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,115,320; Apr. 26.
- Saunders, Norman H., Homewood, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,131,572; Sept. 27.
- Saunders, Norman H., and R. R. Fowler, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,135,921; Nov. 8.
- Saunders, Oliver G. (See Paden, W. L., and Saunders.)
- Saunders, Philip K., Wolverhampton, England. Fluid-controlling valve. 2,105,864; Jan. 18.
- Saunders, Sydney L. M., London, England. Synthetic resin composition. 2,116,084; May 3.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Battery installation. 2,104,765; Jan. 11.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,766; Jan. 11.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,767; Jan. 11.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,768; Jan. 11.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,769; Jan. 11.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,770; Jan. 11.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,771; Jan. 11.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,772; Jan. 11.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,773; Jan. 11.
- Saunders, Walter S., assignor to American Forging & Socket Company, Pontiac, Mich. Hood latch. 2,126,141; Aug. 9.
- Saunders, Walter S., assignor to The American Forging & Socket Company, Pontiac, Mich. Battery installation. 2,133,577; Oct. 18.
- Saunders, Walter S., assignor to The American Forging & Socket Company, Pontiac, Mich. Adjustable seat support. 2,139,171; Dec. 6.
- Saunders, Walter S., and T. A. McGregor, assignors to The American Forging & Socket Company, Pontiac, Mich. Seat supporting means. 2,126,142; Aug. 9.
- Saunders, Walter S., and T. A. McGregor, assignors to The American Forging & Socket Company, Pontiac, Mich. Adjustable supporting means. 2,126,143; Aug. 9.



- Saunders, Walter S., and T. A. McGregor, assignors to American Forging & Socket Company, Pontiac, Mich. Seat support. 2,130,159; Sept. 13.
- Saunders, William D., Blacksburg, Va. Making cheese. 2,141,698; Dec. 27.
- Saurwein, Albert G. (See Graubner, H. G., and Saurwein.)
- Sausser A.-G. (See Wydler, Hermann, assignor.)
- Sausse, John B., Cleveland, Ohio. Coupling. 2,110,404; Mar. 8.
- Sauter, William V., assignor to American Engineering Company, Philadelphia, Pa. Tuyere. 2,141,619; Dec. 27.
- Sauter, William V., assignor to American Engineering Company, Philadelphia, Pa. Stoker. 2,141,620; Dec. 27.
- Sauvage, Herbert J., Chicago, Ill. Match comb conveyer or carrier. 2,122,047; June 28.
- Sauzedde, Claude, Detroit, Mich. Apparatus for treating vascular diseases. 2,134,646; Oct. 25.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Brake adjusting means. 2,116,216; May 3.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Hydrostatic brake. 2,117,683; May 17.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Hydraulic brake actuator. 2,125,129; July 26.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Rear axle wheel and brake assembly. 2,134,007; Oct. 25.
- Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Piston construction. 2,134,584; Oct. 25.
- Savage, Alice R. (See Clements, Stanley, assignor.)
- Savage Arms Corporation. (See Hester, Harry W., assignor.)
- Savage Arms Corporation. (See Jordan, W. D., and Van Vliet, assignors.)
- Savage, Basil H., assignor to Savage Research Corporation, San Diego, Calif. Hydraulic clutch. 2,115,244; Apr. 26.
- Savage, Basil H., assignor to Savage Research Corporation, San Diego, Calif. Automatic pistol. 2,136,396; Nov. 15.
- Savage, Edward S., Rochester, N. Y. Toy. 2,121,175; June 21.
- Savage, Ernest L., Watertown, Mass. Grass plot foundation. 2,134,647; Oct. 25.
- Savage, Harold B., San Diego, Calif. Closure for containers. 2,134,893; Nov. 1.
- Savage, John L. (See Kinzie, P. A., Savage, and Kohler.)
- Savage, Joseph, Weston Point, Runcorn, England, assignor to Imperial Chemical Industries Limited. Degreasing. 2,123,439; July 12.
- Savage, Joseph P., Columbus, Nebr. Locomotive journal oiler. 2,110,243; Mar. 8.
- Savage, Lawrence F., and C. J. Francis, London, England. System for the reception and reproduction of sound. 2,122,010; June 28.
- Savage, Leonard G., South Farnborough, England. Pump, engine, and the like. 2,139,856; Dec. 13.
- Savage, Marion A., Scotia, N. Y., assignor to General Electric Company. Dynamo-electric machine. 2,132,274; Oct. 4.
- Savage Research Corporation. (See Savage, Basil H., assignor.)
- Savage, W. J., Company. (See Fulton, Weston M., assignor.)
- Savage, Will R., Omaha, Nebr., assignor of one-half to H. S. Haze, Chicago, Ill. Motor fuel composition. 2,106,661; Jan. 25.
- Savage, Will R., Omaha, Nebr., assignor of one-half to H. S. Haze, Chicago, Ill. Motor fuel composition. 2,106,662; Jan. 25.
- Save Electric Corporation. (See Calkins, L. E., and Levi, assignors.)
- Savedoff, Morris M., Brooklyn, N. Y. Tinning compound. 2,130,211; Sept. 13.
- Saville, William C., Belvedere, Calif. Method and apparatus for making and decanting champagne. 2,106,192; Jan. 25.
- Sawtelle, Charles A. (See Main, F. L., and Sawtelle.)
- Sawtelle, Charles A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,136,470; Nov. 15.
- Sawyer, Charles B., Cleveland Heights, assignor, by mesne assignments, to The Brush Development Company, Cleveland, Ohio. Piezoelectric device. Re. 20,680; Mar. 29.
- Sawyer, Charles B., assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device. 2,105,010; Jan. 11.
- Sawyer, Charles B., C. H. Tower, and A. L. W. Williams, assignors to The Brush Development Company, Cleveland, Ohio. Making piezoelectric units. 2,112,636; Mar. 29.
- Sawyer, George W., South Portland, Maine. Construction of coat sleeves with inserted extensible gussets. 2,119,293; May 31.
- Sawyer, Hilon V. (See Parsons, E. T., and Sawyer.)
- Sawyer, John B., Miami, Fla. Air cushion bottom for boats. 2,110,512; Mar. 8.
- Sawyer, Leonard H., Royal, Nebr. Timber blasting device. 2,109,435; Feb. 22.
- Sawyer, Robert T., Ridgewood, N. J., assignor to American Locomotive Company, New York, N. Y. Electric motor driven railway vehicle. 2,111,130; Mar. 15.
- Saxby, Robert N., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Automatic switch for use in telephone or like systems. 2,124,750; July 26.
- Saxe, Arthur C., Columbus, Ohio. Self-priming pump. 2,109,804; Mar. 1.
- Saxe, Charles W., assignor to Norton Company, Worcester, Mass. Refractory. 2,118,798; May 24.
- Saxe, Walter E., Altadena, Calif. Method and apparatus for counterbalancing oil well pumping apparatus. 2,122,871; July 5.
- Saxton, Claude H., Elmira, N. Y. Door latch. 2,124,751; July 26.
- Sayers, Ruth L., assignor to The Kendall Company, Walpole, Mass. Fabric. 2,118,658; May 24.
- Sayles Finishing Plants Inc. (See Bennett, George E., assignor.)
- Sayles Finishing Plants, Inc. (See Huey, H. I., and Russell, assignors.)
- Sayre, Charles H. (See Evans, M. H., and Sayre.)
- Sayre, Gordon B., Syracuse, N. Y. Windshield cleaner. 2,137,628; Nov. 22.
- Sayre, Gordon B., Syracuse, assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Automatic controller for internal combustion engine starters. 2,125,399; Aug. 2.
- Sayre, James E., New York, N. Y. Advertising device. 2,116,542; May 10.
- Sbarberi, Angelo, et al. (See Lodetti, Angelo, assignor.)
- Sbicca, Frank, assignor to Sbicca-Method Shoes, Inc., Philadelphia, Pa. Making soles. 2,140,118; Dec. 13.
- Sbicca-Method Shoes, Inc. (See Sbicca, Frank, assignor.)
- Sburlino, Pascal. (See Shipley, B. M., Sburlino, and Placke.)
- Scacco, Jack, Brooklyn, N. Y. Shoe structure. 2,135,849; Nov. 8.
- Scaffolding (Great Britain) Limited. (See Jones, David H., assignor.)
- Scaife, Joseph D., Cross Hills, near Keighley, assignor of one-half to John Lund Limited, Eastburn, near Keighley, England. Supplying lubricant to the bearings of rotary shafts and the like. 2,133,476; Oct. 18.
- Scalera, Mario. (See Lecher, H. Z., and Scalera.)
- Scale-Models, Inc. (See Buntlich, Sigurd, assignor.)
- Scale Models, Inc. (See Donnelley, Elliott, assignor.)
- Scammell, Alfred G., Watford West, and O. D. North, Hunton Bridge, England. Towing hook for motor vehicles. 2,129,745; Sept. 13.
- Scandore, Nicholas, Brooklyn, N. Y. Scholar's companion. 2,105,163; Jan. 11.
- Scanlan, Joseph M., assignor, by mesne assignments, to The Lamson Company, Syracuse, N. Y. Pneumatic tube terminal. 2,135,355; Nov. 1.
- Scanlin, Joseph R. (See Gallsworthy, B., and Scanlin.)
- Scanlon, Pius A., New Castle, Pa. Supporting and elevating means for overhead units. 2,136,255; Nov. 8.
- Scarborough, Frederick, Springfield, Mass. Hose manufacture. 2,105,758; Jan. 18.
- Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Adjustable rod weeder point. 2,125,359; Aug. 2.
- Scavo, Vito, et al. (See Indrieri, Alexander F., assignor.)
- Secepaniak, Adam W., assignor of one-half to M. Dorman, Baltimore, Md. Electric connector. 2,125,053; July 26.
- Schaad, Raymond E. (See Ipatieff, V., and Schaad.)
- Schaaf, Alexander. (See Ulrich, F., and Schaaf.)
- Schaaf, George, Buffalo, N. Y. Fire extinguisher. 2,117,684; May 17.
- Schaaf, James E., Nutley, N. J., assignor to General Electric Company. Refrigerator. 2,126,285; Aug. 9.
- Schaaf, John, Buffalo, N. Y. Centrifuge. 2,107,909; Feb. 8.
- Schaaf, John, Buffalo, N. Y. Making sewage screens. 2,127,270; Aug. 16.
- Schaaff, Louis W., Elmhurst, assignor of fifty-two per cent to W. M. Kuhn, New York, N. Y. Bar traveler. 2,112,710; Mar. 29.
- Schaafsma, Albert, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Separating high molecular mixtures of the ester type. 2,118,454; May 24.
- Schaake, William, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current collecting device. 2,121,612; June 21.
- Schabetsberger, Friedrich. (See Hoerbiger, A., and Schabetsberger.)
- Schabinger, Arthur A., Chicago, Ill. Device for basketball games. Re. 20,898; Oct. 25.
- Schacht, Elmer C., Troy, N. Y., assignor, by mesne assignments, to Behr-Manning Corporation. Method of coating and apparatus therefor and product. Re. 20,660; Feb. 22.
- Schacht, William H., Painesdale, Mich. Hydraulic excavating device or booster. 2,125,740; Aug. 2.
- Schack, Alfred, Meerbusch, near Dusseldorf, assignor to Rekuperator G. m. b. H., Dusseldorf, Germany. Air heater for blast furnaces. 2,134,804; Nov. 1.



- Schack, Helene A., St. Paul, Minn. Bedpan. 2,132,651; Oct. 11.
- Schackleton, Jack, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Intermittent gearing. 2,124,213; July 19.
- Schade, Frank S., Holyoke, Mass. Nursing tray. 2,118,900; May 31.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Desk blotter holder and making same. 2,105,230; Jan. 11.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose leaf binding post construction. 2,105,231; Jan. 11.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Book binder casing and making same. 2,105,232; Jan. 11.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Book construction. 2,132,542; Oct. 11.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Making loose leaf book sheets. 2,135,056; Nov. 1.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Combination drawing board and drawing tool. 2,139,177; Dec. 6.
- Schade, Henry E., Camden, N. J. Plate bending press. 2,133,477; Oct. 18.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Perforating device for loose-leaf sheets. 2,105,233; Jan. 11.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder. 2,105,234; Jan. 11.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Ring binder mechanism. 2,105,235; Jan. 11.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Paper fastener. 2,125,464; Aug. 2.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose leaf binder. 2,141,410; Dec. 27.
- Schade, Otto H., West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,107,520; Feb. 8.
- Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Grid detector circuit. 2,118,111; May 24.
- Schade, Otto H., West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America. Electron discharge device. 2,131,921; Oct. 4.
- Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Loudspeaker circuits. 2,134,059; Oct. 25.
- Schadek, E. W. (See Jones, Sam P., assignor.)
- Schaefer, Adam. (See Rinaldy, E. S., and Schaefer.)
- Schaefer, Adolph O., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Saw blade attachment. 2,109,625; Mar. 1.
- Schaefer, Adolph O., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Tool grinder. 2,124,592; July 26.
- Schaefer, Adolph O., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Grinding machine. 2,124,593; July 26.
- Schaefer, Carl A. (See Van Valkenburg, H. L., and Schaefer.)
- Schaefer, Carl A., assignor to Square D Company, Detroit, Mich. Electric switch. 2,122,700; July 5.
- Schaefer, Carl A., assignor to Square D Company, Detroit, Mich. Electric switch. 2,141,227; Dec. 27.
- Schaefer, Frederic. (See Coulter, Andrew F., assignor.)
- Schaefer, Frederic. (See Summerhays, Elmer M., assignor.)
- Schaefer, Frederic, Pittsburgh, Pa. Brake shoe key. 2,107,768; Feb. 8.
- Schaefer, Frederic, Pittsburgh, Pa. Wearing shoe and brake hanger. 2,109,682; Mar. 1.
- Schaefer, Frederic, Pittsburgh, Pa. Self-locking key. 2,122,073; June 28.
- Schaefer, Frederic, Pittsburgh, Pa. Brake beam strut and lever assembly. 2,132,222; Oct. 4.
- Schaefer, George P. (See Kimball, W. D., Braren, and Schaefer.)
- Schaefer, Hans, Frankfurt-on-the-Main, assignor to Atlas-Ago, Chemische Fabrik, Aktiengesellschaft, Molkan, near Leipzig, Germany. Producing glossy surfaces on printed work and products thereof. 2,110,682; Mar. 8.
- Schaefer, Henry G., assignor to Convertible Truck and Trailer Company, Lakewood, Ohio. Vehicle. 2,131,760; Oct. 4.
- Schaefer, Joseph F., assignor to The Interior Steel Equipment Company, Cleveland, Ohio. Locker construction and latch mechanism. 2,131,642; Sept. 27.
- Schaefer, Joseph K., Hollywood, Calif. Battery terminal clamp. 2,119,294; May 31.
- Schaefer, Justus J., Great Barrington, Mass. Fastening device. 2,104,496; Jan. 4.
- Schaefer, Karl T. (See Taylor, J. I., and Schaefer.)
- Schaefer, Norbert F., assignor to Anderson Box Company, Indianapolis, Ind. Stickless stapless chick box. 2,113,097; Apr. 5.
- Schaefer, Rudolph A., assignor of one half to R. G. May, Louisville, Ky. Talking clock. 2,114,239; Apr. 12.
- Schaefer, Vincent J., Schenectady, N. Y., assignor to General Electric Company. Treatment of materials. 2,108,616; Feb. 15.
- Schaefer, Walter J., assignor to General Motors Corporation, Saginaw, Mich. Tie rod end. 2,115,087; Apr. 26.
- Schaefer, William E., West Hartford, assignor to The Whitney Chain & Mfg., Company, Hartford, Conn. Overload safety device. 2,137,417; Nov. 22.
- Schaeffer, Edward G., Brooklyn, assignor to American Character Doll Co., Inc., New York, N. Y. Doll. 2,133,635; Oct. 18.
- Schaeffer, Edward G., Brooklyn, assignor to American Character Doll Co., Inc., New York, N. Y. Doll. 2,133,636; Oct. 18.
- Schaeffer, Erich. (See Basel, G., and Schaeffer.)
- Schaeffer, Ethan A., Jr., Springfield, Ohio. Quick action nut. 2,118,361; May 24.
- Schaeffer, John A., and H. R. Harner, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery plate and composition therefor. 2,130,103; Sept. 13.
- Schaeffer, John A., and H. R. Harner, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery plate and making the same. 2,130,104; Sept. 13.
- Schaeffer, John A., and H. R. Harner, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery electrode and making the same. 2,130,105; Sept. 13.
- Schaeffe, Ralph E., Berkeley, assignor to Balfour, Guthrie & Co., Limited, San Francisco, Calif. Preserving fruits. 2,134,060; Oct. 25.
- Schaeichlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchro-tie for ship propulsion. 2,114,859; Apr. 19.
- Schafer, Arthur H., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistance device. 2,114,458; Apr. 19.
- Schafer, Conrad B. (See Crowley, J. P., and Schafer.)
- Schäfer, Friedrich, St. Gallen, Switzerland, assignor of one-half to Walde A. Spol (partners J. Walde, Z. Walde, and V. Puc). Fastener. 2,116,365; May 3.
- Schafer, John V., assignor to Bronson Reel Company, Bronson, Mich. Jewel mount. 2,109,035; Feb. 22.
- Schafer, John V., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,129,386; Sept. 6.
- Schafer, John V., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,141,726; Dec. 27.
- Schäfer, Josef, assignor to J. R. Geigy A. G., Basel, Switzerland. Aromatic sulphones and tanning agents. 2,122,958; July 5.
- Schafer, Robert A., assignor to The National Automatic Tool Company, Richmond, Ind. Machine tool. 2,108,297; Feb. 15.
- Schafer, Robert A., C. H. Muhl, E. E. Opel, and J. B. Beissman, assignors to The National Automatic Tool Company, Richmond, Ind. Multiple machine tool. 2,108,779; Feb. 15.
- Schaffer, Herman P., and D. O. Headley, Washington, Pa., assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Timing system for glass feeders. 2,142,006; Dec. 27.
- Schaffler-Glössl, Konrad, Vienna, Austria. Electric shot-firing machine. 2,129,835; Sept. 13.
- Schaffner, Henri A. H. J., Paris, France. Optical system for motor-headlights and projectors. 2,112,411; Mar. 29.
- Schalkwijk, Jan, The Hague, Netherlands, assignor to Telefunken Gesellschaft, für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation generator. 2,119,357; May 31.
- Schamehorn, Arthur J., Milford, assignor to General Motors Corporation, Detroit, Mich. Recorder. 2,139,384; Dec. 6.
- Schamp, Charles H., Milwaukee, and D. J. Foote, West Allis, assignors to Master Lock Company, Milwaukee, Wis. Permutation lock. 2,127,089; Aug. 16.
- Schanbacher, Orville L., Mansfield, Pa. Battery post clamp. 2,125,203; July 26.
- Schane, Edward H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Awning recess. 2,112,579; Mar. 29.
- Schane, Edward H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Calculator. 2,133,046; Oct. 11.
- Schantz, Curtiss W., United States Navy. Projectometer. 2,123,210; July 12.
- Schantz, Joseph D., Camden, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,113,224; Apr. 5.
- Schanz, George H., Akron, Ohio, assignor to The R. F. Goodrich Company, New York, N. Y. Dusting apparatus. 2,120,003; June 7.
- Schaper, William A., assignor to Johnson Laboratories, Inc., Chicago, Ill. Coupling means for permeability-tuned circuits. 2,106,226; Jan. 25.
- Schaper, William A., assignor to Johnson Laboratories, Inc., Chicago, Ill. Permeability-tuned device. 2,111,373; Mar. 15.
- Schaper, William A., Oak Park, assignor to Johnson Laboratories, Inc., Chicago, Ill. Image suppression system. 2,131,976; Oct. 4.



- Schaper, William A., assignor to Johnson Laboratories, Inc., Chicago, Ill. High-frequency coupling device. 2,141,254; Dec. 27.
- Schappert, Hans. (See Pier, M., Anthes, and Schappert.)
- Schardt, Fred, Fort Lauderdale, Fla. Combined ventilator and awning. 2,126,213; Aug. 9.
- Schärer-Nussbaumer & Co. (See Siegenthaler, Walter, assignor.)
- Scharf, Frank W., Western Springs, assignor to McGraw Electric Company, Chicago, Ill. Electric cooking appliance. 2,108,298; Feb. 15.
- Scharf, Lou, assignor to Riverside Company, New York, N. Y. Machine for press sealing articles in cellulose tubes. 2,119,358; May 31.
- Scharfenberg, Karl, Berlin-Nikolassee, Germany. Automatic car coupler. 2,107,218; Feb. 1.
- Scharff, Clinton R., assignor to General Motors Corporation, Detroit, Mich. Freight car loading apparatus. 2,122,959; July 5.
- Scharffenberg, Jean H. (See Bailey, C. W., and Scharffenberg.)
- Scharinger, Rudolf, Bridgeport, Conn. Condiment dispenser. 2,136,805; Nov. 15.
- Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultrashort wave system. 2,115,788; May 3.
- Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Distance and direction determining system. 2,116,717; May 10.
- Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultrashort wave reflector. 2,118,419; May 24.
- Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directive beam radiator. 2,130,033; Sept. 13.
- Scharnewski, Emil, Petershagen, near Berlin, Germany. Claw clipper for birds and dogs. 2,112,790; Mar. 29.
- Scharpf, Otto, assignor to Johnson Service Company, Milwaukee, Wis. Control method and apparatus. 2,128,378; Aug. 30.
- Scharr, Walter P., Berlin-Lankwitz, Germany, assignor to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,138,646; Nov. 29.
- Scharschu, Charles A., Brackenridge, Pa., assignor to Allegheny Steel Company. Nonaging flat silicon steel strip and producing the same. 2,104,169; Jan. 4.
- Scharschu, Charles A., and G. C. Kiefer, Brackenridge, Pa., assignors to Allegheny Steel Company. Surface treatment of metal to prevent localized corrosive attack. 2,106,227; Jan. 25.
- Schartow, Elmer G., Midland, Mich. Damper and damper-clip construction. 2,134,844; Nov. 1.
- Schat, Ane P., Utrecht, Netherlands. Block for pulley tackles. 2,139,605; Dec. 6.
- Schat, Ane P., Utrecht, Netherlands. Launching lifeboats. 2,141,452; Dec. 27.
- Schattschneider, Paul M. (See Noack, W. G., and Schattschneider.)
- Schatzman, George W., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield construction. 2,118,624; May 24.
- Schatzman, George W., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Ornamental fender shield. 2,124,041; July 19.
- Schaub, Charles F. (See Brundin, Harold E., assignor.)
- Schaub, Gordon C., Bayonne, N. J., assignor to The Best Foods, Inc., New York, N. Y. Device for combining regulated quantities of materials. 2,126,414; Aug. 9.
- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Welded bitubular column. 2,135,441; Nov. 1.
- Schauer, Lawrence L., Wyoming, and J. H. McKewen, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Submerged motor. 2,108,780; Feb. 15.
- Schauer, Lawrence L., Wyoming, and J. H. McKewen, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Cylinder mounting for hydraulic motors. 2,108,781; Feb. 15.
- Schaufele, William H. (See Worst, Ellsworth A., assignor.)
- Schauffer, Gerhard. (See Müller, W., and Schauffer.)
- Schaum, Carl, deceased, Wyncote, Pa.; W. W. Schaum, administratrix. Supporting and adjusting a garment press head. 2,136,927; Nov. 15.
- Schaum, Winifred W., administratrix. (See Schaum, Carl.)
- Schautz, Walter L., Scranton, Pa., and A. L. Lewis, New London, assignors to The Atwood Machine Company, Stonington, Conn. Bobbin enclosure for textile twisting machines. 2,116,543; May 10.
- Schawlem, Albert E., Canton, Ohio. Tractor and trailer construction. 2,126,819; Aug. 16.
- Scheel, Hans P., Jr., Sedro Woolley, Wash. Artificial pulp grinding stone and making same. 2,134,738; Nov. 1.
- Scheele, Alexander W., Berlin-Lichterfelde-West, Germany. Kaleidoscope. 2,126,415; Aug. 9.
- Scheeler, Charles A., assignor to Buffalo Wire Works Co., Inc., Buffalo, N. Y. Framed screen. 2,139,423; Dec. 6.
- Scheemaeker, Emile, Blackstone, Mass. Cream separating device. 2,134,090; Oct. 25.
- Scheerer, Ernest O., Linden, N. J. Combined flashlight and circuit tester. 2,124,715; July 26.
- Scheffer, Ludwig. (See Nagel, K., and Scheffer.)
- Scheffers, Petrus P. H. G., assignor to J. A. H. Mesters, The Hague, Netherlands. Railway rail joint. 2,110,531; Mar. 8.
- Scheffey, George B. (See Klingler, P. C., and Scheffey.)
- Scheffey, George B., Riverside, N. J., assignor, by mesne assignments, to Box Blank Corporation, New York, N. Y. Making boxes. 2,105,270; Jan. 11.
- Scheffey, George B., Riverside, N. J., assignor to J. D. Tennant, Philadelphia, Pa. Box making machine. 2,105,375; Jan. 11.
- Scheffler, Max F., Munich, Germany. Printing apparatus. 2,132,086; Oct. 4.
- Scheg, Marcian A., assignor to General Railway Signal Company, Rochester, N. Y. Alternating current relay. 2,134,956; Nov. 1.
- Scheibell, Gordon B., Millburn, N. J. Cinematograph apparatus. 2,113,182; Apr. 5.
- Scheiber, Friedrich, Dresden, and A. Wolf, Dresden-Laubegast, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic shutter. 2,134,766; Nov. 1.
- Scheidegger, Jakob. (See Felix, F., and Scheidegger.)
- Scheider, Frederick E., and J. C. Hinkle, Los Angeles, Calif.; said Hinkle assignor to said Scheider. Apparatus for pumping wells. 2,118,539; May 24.
- Scheidt, Alfred W. (See Howells, L. T., Scheidt, and Williams.)
- Schein, John E., et al. (See Hills, Ernest E., assignor.)
- Schein, Morris, Brooklyn, N. Y. Combination pocket kit. 2,104,439; Jan. 4.
- Scheinman, Fred W. (See Adams, C. E., and Scheinman.)
- Scheinman, Sol, White Plains, and J. Mandel, Brooklyn, N. Y. Reinforced collapsible file casing. 2,110,556; Mar. 8.
- Scheinman, Sol, White Plains, and J. Mandel, Brooklyn, N. Y. Collapsible file. 2,139,520; Dec. 6.
- Scheitlin, Alexander, Zurich, Switzerland. Elastic rubber holding band for garments. 2,113,201; Apr. 5.
- Scheiwer, Albert T., Erie, Pa. Coupling. 2,135,221; Nov. 1.
- Scheiwer, Albert T., Erie, Pa. Coupling. 2,135,222; Nov. 1.
- Scheiwer, Albert T., Erie, Pa. Coupling. 2,135,223; Nov. 1.
- Scheldorf, Marvel W., Haddon Heights, N. J., assignor to Radio Corporation of America. Acoustic diaphragm and making same. 2,106,815; Feb. 1.
- Scheldorf, Marvel W., Schenectady, N. Y., assignor to General Electric Company. Permanent magnet galvanometer. 2,127,427; Aug. 16.
- Schelhammer, Herman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Comb. 2,126,214; Aug. 9.
- Schelhammer, Herman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Producing hard rubber products. 2,130,905; Sept. 20.
- Schellenberg, Albert, Joliet, Ill. Centrifugal extractor. 2,130,160; Sept. 13.
- Schellenburg, Ernst, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Apparatus for the manufacture of ammonium sulphate. 2,137,729; Nov. 22.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Control device. 2,111,809; Mar. 22.
- Schellenger, Newton C., Elkhart, Ind., assignor to Chicago Telephone Supply Company. Rheostat. 2,111,810; Mar. 22.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Variable resistance device. 2,118,112; May 24.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Switch shield. 2,118,268; May 24.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Variable resistance device. 2,120,651; June 14.
- Schellenger, Newton C., Elkhart, Ind., assignor to Chicago Telephone Supply Company. Interposed disk rheostat. 2,137,812; Nov. 22.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Control device. 2,138,210; Nov. 29.
- Schellens, Christopher A., Marblehead, Mass., assignor to C-S Engineering Company, Englewood, N. J. Steam turbine and speed controlling mechanism therefor. 2,124,339; July 19.
- Schellens, Eugene L., Ridgewood, assignor to The Shellwood-Johnson Company, Paterson, N. J. Metal-walled vacuum chamber or container. 2,108,212; Feb. 15.
- Schellens, Eugene L., Ridgewood, N. J., and W. I. Hamby, Great Neck, assignors to Servel, Inc., New York, N. Y. Refrigeration. 2,134,149; Oct. 25.
- Schellentrager, Eugene W., Shaker Heights, assignor to The Atlas Bolt & Screw Company, Cleveland, Ohio. Door handling mechanism. 2,137,763; Nov. 22.
- Scheller, Ernst. (See Krieg, W. K., and Scheller.)
- Schellin, John C., assignor to Akron Brass Manufacturing Company, Incorporated, Wooster, Ohio. Valve construction. 2,117,456; May 17.
- Schellin, John C., and E. J. Housekeeper, Wooster, and E. R. Hamilton, Canton, assignors to Akron Brass Manufacturing Company, Inc., Wooster, Ohio. Mist-producing nozzle. 2,127,188; Aug. 16.



- Schelling, George C. (See McCabe, J. J., and Schelling.)  
 Schelot, Norbert G., and E. E. Vahle, St. Louis, Mo. Tool. 2,129,590; Sept. 6.  
 Schembri, James, Ithaca, N. Y. Bearing. 2,126,046; Aug. 9.  
 Schemel, Abraham, Yonkers, N. Y. Shoe plate. 2,118,113; May 24.  
 Schenck, Charles. (See Lewis, R. A., and Schenck.)  
 Schenck, Gerhard, Ludwigshafen-on-the-Rhine, Germany, assignor to E. Bilhuber, Inc., Jersey City, N. J. Therapeutic derivative of the genus lactuca and preparing same. 2,107,839; Feb. 8.  
 Schenck, Otto, Dessau, Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Sulphuric acid derivatives of higher molecular organic amines. 2,114,256; Apr. 12.  
 Schenk, Carl R., Millington, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rheostat. 2,117,257; May 10.  
 Schenk, Charles J., Buckeye, Ariz. Windmill. 2,107,219; Feb. 1.  
 Schenk, Edouard H., New York, N. Y., assignor to E. Brandt, Paris, France. Mechanical time fuse. 2,126,047; Aug. 9.  
 Schenk, Eduard, Oakdale, Pa. Acoustic structure. 2,140,210; Dec. 13.  
 Schenk, Gustav. (See Kind, W., Schenk, and Busch.)  
 Schenk, Tamis C., New York, assignor to Richmond Screw Anchor Co., Inc., Brooklyn, N. Y. Preventing the formation of continuous voids in concrete masses. 2,107,130; Feb. 1.  
 Schenk, William, Long Island City, N. Y. Exercising device. 2,118,114; May 24.  
 Schenk, William, St. Albans, N. Y. Water protective device for automobile motors. 2,127,271; Aug. 16.  
 Schenke, Walter A. (See Kieffer, R. S., and Schenke.)  
 Schenker, Abraham S., Brooklyn, N. Y. Dispensing device. 2,132,497; Oct. 11.  
 Schenker, Walter, Winterthur, Switzerland. Two-stroke internal combustion engine. 2,128,855; Aug. 30.  
 Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Lighting apparatus. 2,119,359; May 31.  
 Schepmann, Wilhelm, Berlin-Neutempelhof, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Producing iron cores for electromagnet coils. 2,117,856; May 17.  
 Scher, Louis S., New York, N. Y. Telephone voice silencer. 2,131,820; Oct. 4.  
 Scher, Philip M., et al. (See Hönig, Heinrich, assignor.)  
 Scherbatskoy, Serge A., Tulsa, Okla. Gravity meter. 2,136,219; Nov. 8.  
 Scherbatskoy, Serge A., and J. Neufeld, Tulsa, Okla. Thermionic measuring device. 2,129,880; Sept. 13.  
 Scherbatskoy, S. A., and J. Neufeld, assignors to Engineering Laboratories, Inc., Tulsa, Okla. Apparatus for exploring the level of liquid in a bore hole. 2,134,428; Oct. 25.  
 Scherer, Otto. (See Müller, F., Scherer, and Schumacher.)  
 Scherer, Otto. (See Müller, F., Schumacher, and Scherer.)  
 Scherer, Otto. (See Osswald, P., and Scherer.)  
 Scherer, Otto, W. Schumacher, and F. Müller, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Benzene derivatives containing halogenated methyl groups and preparing them. 2,121,330; June 21.  
 Scherer, Robert P., Detroit, Mich. Collapsible dispensing capsule. 2,134,489; Oct. 25.  
 Scherfer, Jacob, Chicago, Ill. Combination undergarment. 2,130,906; Sept. 20.  
 Schering A. G. (See Dohrn, M., and Diedrich, assignors.)  
 Schering A. G. (See Ziegler, Karl, assignor.)  
 Schering-Kahlbaum A. G. (See Langer, H., and Putter, assignors.)  
 Schering-Kahlbaum A. G. (See Schoeller, W., Dohrn, and Hohlweg, assignors.)  
 Schering-Kahlbaum A. G. (See Schoeller, W., Serini, Gehrke, Priewe, Strassberger, and Logemann, assignors.)  
 Schering-Kahlbaum A. G. (See Schotte, H., and Görnitz, assignors.)  
 Schering-Kahlbaum A. G. (See Schwenk, E., Gehrke, and Hildebrandt, assignors.)  
 Schering-Kahlbaum A. G. (See Strassberger, Lothar, assignor.)  
 Schering-Kahlbaum A. G. (See Wolff, Fritz, assignor.)  
 Schermer, Nathan H., Detroit, Mich. Pickling metal. 2,133,231; Oct. 11.  
 Schermerhorn, Clarence. (See Flint, H. M., and Schermerhorn.)  
 Schermerhorn, Edwards F., Brooklyn, assignor to Poor & Company, New York, N. Y. Insulating end post for mitered rails. 2,130,166; Sept. 13.  
 Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Peabody, Mass. Ironing machine. 2,129,152; Sept. 6.  
 Scheuer, Ralph L., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Adjustable type case. 2,136,654; Nov. 15.  
 Scheuermann, Hans. (See Eisenmann, K., and Scheuermann.)  
 Scheurer, Francis J., Mankato, Minn. Hammer attachment. 2,110,057; Mar. 1.  
 Schewelov, Ilja, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Sign display apparatus. 2,116,287; May 3.  
 Schey, Oscar W., Hampton, Va., and G. T. Hemmeter, Washington, D. C. Fuel pump for internal combustion engines. 2,108,079; Feb. 15.  
 Scheyer, Heinz, Frankfurt-on-the-Main, and E. Schwamberger, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs containing nitrogen and making same. 2,108,144; Feb. 15.  
 Scheyer, Heinz, Frankfurt-on-the-Main, and E. Schwamberger, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the anthraquinone series. 2,108,413; Feb. 15.  
 Scheyer, Heinz, Frankfurt-on-the-Main, and E. Schwamberger, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing condensation products of the anthraquinone series. 2,124,237; July 19.  
 Scheyer, Heinz, Frankfurt-on-the-Main, and E. Schwamberger, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing pyridino-anthraquinone derivatives and products thereof. 2,124,238; July 19.  
 Scheyer, Sophie (née von Pezachowicz), and S. Arcari, Munich, Germany. Pouring or dropping vessel. 2,132,120; Oct. 4.  
 Schiavi, Vincent, Wilmington, Del. Retainer for expansion joint strips. 2,106,935; Feb. 1.  
 Schicht, Heinrich, Hucksowagen, assignor to firm: W. Ferd. Klingelberg Söhne, Remscheid-Berghausen, Germany. Machine for generating gears. 2,119,295; May 31.  
 Schichtel, Georg. (See Erdmann, K., Hansgrig, and Schichtel.)  
 Schichtel, Georg. (See Lasch, L., and Schichtel.)  
 Schichtel, Georg, Radentheim, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Purifying magnesium. 2,124,957; July 26.  
 Schichtel, John N., San Gabriel, Calif. Fire hose rack. 2,111,811; Mar. 22.  
 Schick, Herbert M., San Mateo, Calif. Enclosure for radiators. 2,117,914; May 17.  
 Schick, Joseph, Brooklyn, assignor to Baker Brush Co., Inc., New York, N. Y. Display device. 2,130,197; Sept. 13.  
 Schickedanz, William, Philadelphia, Pa. Window ventilator. 2,137,924; Nov. 22.  
 Schidrowitz, Philip, and J. W. Malden, London, England, assignors to Vultex Corporation of America, Cambridge, Mass. Manufacture of rubber and the like. 2,117,258; May 10.  
 Schiebeler, Carl, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Control system. 2,123,747; July 12.  
 Schieber, Jacob W., Scranton, Pa. Nonrefillable attachment. 2,137,956; Nov. 22.  
 Schieber, Robert E., Detroit, Mich. Table structure. 2,131,675; Sept. 27.  
 Schieber, Walther. (See Harz, W., and Schieber.)  
 Schieber, Walther, Berlin, and W. Harz, Dormagen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial cellulose products. 2,137,955; Nov. 22.  
 Schienemann, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Alternating current measuring device. 2,129,287; Sept. 6.  
 Schienemann, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Amplitude and phase modulation. 2,140,769; Dec. 20.  
 Schieren, Chas A., & Company. (See Schieren, George A., assignor.)  
 Schieren, George A., Great Neck, assignor to Chas. A. Schieren & Company, New York, N. Y. Belt joiner. 2,133,720; Oct. 18.  
 Schierenbeck, Julius, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Flanged joint of tubular conduits. 2,119,651; June 7.  
 Schiernbeck, Otto A. (See Palmer, B. J., and Schiernbeck.)  
 Schiernbeck, Otto A., Davenport, Iowa. Graphing appliance. 2,126,927; Aug. 16.  
 Schiff, Henry T., Chicago, Ill. Shaving implement. 2,139,136; Dec. 6.  
 Schiff, Julien N., West Englewood, N. J. Elevator operating mechanism. 2,110,919; Mar. 15.  
 Schiff, Nedra R. (See Lewis, George I., assignor.)  
 Schiff, Sigmund, assignor to The J. H. Day Company, Cincinnati, Ohio. Dough proofing machine. 2,125,654; Aug. 2.  
 Schitrin, Moses J., Brooklyn, N. Y. Composite fabric. 2,115,967; May 3.  
 Schigyo, Iwane, Tokyo, Japan, assignor to General Electric Company. Welding with superimposed high frequency. 2,133,152; Oct. 11.  
 Schildberger, Adolf A., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Making a coating for ice cream bars. 2,129,881; Sept. 13.



- Schildgen, Georg, and G. Wehr, Schweinfurt, Germany. Axial thrust ball bearing. 2,120,154; June 7.
- Schildhaus, Morris, New York, N. Y. Double pressure hydraulic machine for hats. 2,110,739; Mar. 8.
- Schlichting, Otto. (See Koerberle, K., and Schlichting.)
- Schiller, Georg, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Catalytically hydrogenating high-molecular nonaromatic carboxylic acids. 2,121,367; June 21.
- Schiller, Georg, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Catalytically hydrogenating metal salts of high molecular nonaromatic carboxylic acids. 2,121,368; June 21.
- Schiller, Saul, New York, N. Y. Scanning device. 2,113,411; Apr. 5.
- Schiller, Sigge, Elizabeth, assignor to Traffic Signs & Signals, Inc., Paterson, N. J. Reflecting unit. Re. 20,731; May 17.
- Schilling, Clarence L., Atlanta, Ga. Metal flashing. 2,140,407; Dec. 13.
- Schilling, Ernest H. (See Schweller, S. M., and Schilling.)
- Schilling, Frederick B., Bayside, N. Y., assignor to Nichols Engineering & Research Corporation. Incineration of waste materials. 2,108,997; Feb. 22.
- Schilling, George W. (See Mayer, M. S., and Schilling.)
- Schilling, Henry C., New York, N. Y. Bed. 2,132,131; Oct. 4.
- Schilling, Karl. (See Eckert, W., and Schilling.)
- Schilling, Walter, Berlin-Spandau, assignor to Siemens-Germany. Control of parallel working sets comprising Schuckertwerks Aktiengesellschaft, Berlin-Siemensstadt, controlled gas discharge paths. 2,137,098; Nov. 15.
- Schilling, Willard G., Lima, assignor to The Weezel Bait Company, Cincinnati, Ohio. Artificial fishing bait. 2,108,728; Feb. 15.
- Schultz, Bernard P., assignor to The Foote-Burt Company, Cleveland, Ohio. Workholder for metal-cutting machines. 2,116,251; May 3.
- Schimanek, Emil, Budapest, Hungary. Device for regulating the running of injection engines at different speeds of revolution. 2,117,105; May 10.
- Schimanek, Emil, Muegyetem, Budapest, Hungary. Carburetor. 2,118,947; May 31.
- Schimkus, Kurt E., Chicago, Ill., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Rectifier and making same. 2,124,752; July 26.
- Schimmelschmidt, Kurt. (See Zahn, K., and Schimmelschmidt.)
- Schimmelschmidt, Kurt, Frankfurt-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Carboxylic acids of capillary action containing isocyclic ring-systems and preparing them. 2,130,989; Sept. 20.
- Schimpf, Franz, assignor to Hugo Schneider Aktiengesellschaft, Leipzig, Germany. Closure device. 2,127,785; Aug. 23.
- Schindhelm, Hans, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Metalliferous nitro-azo-dyestuffs. 2,123,748; July 12.
- Schindhelm, Hans, Frankfurt-on-the-Main-Fechenheim; C. T. Schultis, Bergen, near Hanau-on-the-Main; G. Schrader, Opladen, near Cologne-on-the-Rhine; and C. Taube, Leverkusen, near Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and their metalliferous derivatives. 2,109,552; Mar. 1.
- Schindhelm, Hans, Frankfurt-on-the-Main-Fechenheim, and C. T. Schultis, Bergen, near Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polyazo dyestuffs. 2,123,153; Aug. 23.
- Schindler, Frank N., assignor to A. Brandwein & Co., Chicago, Ill. Spring coil handling apparatus. 2,128,057; Aug. 23.
- Schinman, Edward P., assignor to The Permutit Company, New York, N. Y. Treatment of contaminated water. 2,114,576; Apr. 19.
- Schinkel, Charles, Troppau, Czechoslovakia. Manufacture of sound records. 2,127,786; Aug. 23.
- Schirm, Erik, Dessau-in-Anhalt, Germany. Resinlike condensation-products. 2,129,153; Sept. 6.
- Schirm, Erik, Dessau-in-Anhalt, Germany, assignor, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Manufacture of substantive dyestuffs. 2,104,595; Jan. 4.
- Schirm, Erik, Dessau, Germany, assignor to General Aniline Works Inc., New York, N. Y. Basic azo-dyestuffs and their production. 2,105,955; Jan. 18.
- Schirm, Erik, Dessau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Enhancing the colorability of cellulosic fiber. 2,120,267; June 14.
- Schirm, Erik, Dessau, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeing of textiles. 2,123,154; July 5.
- Schirm, Erik, Dessau/Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyes. 2,140,944; Dec. 20.
- Schirmer, Waldo P., Cleveland, Ohio. Rotary pump. 2,124,377; July 19.
- Schisgall, Theodore, New York, N. Y. Compact or the like. 2,104,104; Jan. 4.
- Schittke, Robert, Lansing, assignor to General Motors Corporation, Detroit, Mich. Angular fan drive. 2,115,124; Apr. 26.
- Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Vehicle seat. 2,104,818; Jan. 11.
- Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Water cooling system. 2,117,040; May 10.
- Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Control mechanism. 2,128,328; Aug. 30.
- Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Steering gear assembly. 2,128,329; Aug. 30.
- Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Induction system. 2,133,578; Oct. 18.
- Schlacht, Herman, Woodhaven, N. Y. Tubular watch-case. 2,129,480; Sept. 6.
- Schlachta, Frank, assignor of one-half to A. K. Sypien, Pittsburgh, Pa. Upholstered furniture. 2,107,087; Feb. 1.
- Schlachter, Nicholas J., Gettysburg, S. Dak. Current motor. 2,135,115; Nov. 1.
- Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Dyeing artificial shaped articles. 2,127,236; Aug. 16.
- Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of organic compounds containing basic substituents. 2,131,120; Sept. 27.
- Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Increasing the fastness of dyes. 2,131,121; Sept. 27.
- Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Increasing the reactivity of naturally or artificially shaped articles or materials and product obtained thereby. 2,131,145; Sept. 27.
- Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treatment of materials for varying their affinity. 2,131,146; Sept. 27.
- Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of amines of high molecular weight, which are rich in nitrogen. 2,136,928; Nov. 15.
- Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial silk. 2,142,007; Dec. 27.
- Schlaefke, Karl H., assignor to Adlerwerke vorm. Heinrich Kleyer Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Internal combustion engine. 2,133,478; Oct. 18.
- Schlafman, Clifford J., Dayton, Ohio. Air conditioning system. 2,123,440; July 12.
- Schlage Lock Company. (See Schlage, Walter R., assignor.)
- Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Lock. 2,116,001; May 3.
- Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Latch bolt and retractor bar structure. 2,125,655; Aug. 2.
- Schlanger, Benjamin, and J. Gilston, New York, N. Y. Screen and synchronized light field. 2,117,857; May 17.
- Schlappritzl, Edward W., and E. Olsen, Minneapolis, and E. S. Tallmadge, St. Paul, Minn.; said Olsen and said Tallmadge assignors to said Schlappritzl. Spring structure. 2,115,400; Apr. 26.
- Schlatt, George, New York, N. Y. Screen door. 2,122,155; June 28.
- Schlatter, Rudolph, assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Fuel injection valve. 2,117,367; May 17.
- Schlaver, Earl G., Scarsdale, and G. F. Kullack, Flushing, assignors to Northam Warren Corporation, New York, N. Y. Method of and mechanism for shaping manicure sticks. 2,109,450; Mar. 1.
- Schleede, Arthur. (See Schröter, F., and Schleede.)
- Schleede, Arthur, and B. Bartels, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Screen material. 2,117,858; May 17.
- Schleede, Arthur, and F. Schroter, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Fluorescent screen. 2,137,118; Nov. 15.
- Schlegel, Alfred A., Akron, assignor to The Jaite Company, Jatte, Ohio. Box. 2,106,663; Jan. 25.
- Schlegel, Carl F., Brighton, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Harness motion for looms. 2,114,543; Apr. 19.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. Re. 20,904; Nov. 1.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Closure and weather stripping therefor. 2,108,450; Feb. 15.
- Schlegel Manufacturing Company, The. (See Rydquist, Adolph, assignor.)
- Schlegel Manufacturing Company, The. (See Schlegel, Carl F., assignor.)



- Schlegel Manufacturing Company, The. (See Schlegel, Charles P., assignor.)
- Schlegel Manufacturing Company, The. (See Schlegel, Norman C., assignor.)
- Schlegel, Norman C., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Weather stripping. 2,105,164; Jan. 11.
- Schleicher, Carl, & Schüll Co. (See Yagoda, Herman, assignor.)
- Schleicher, Frank J., University City, Mo. Box or carton. 2,119,360; May 31.
- Schleicher, Harold E., Elmwood, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Resettable switch. 2,129,592; Sept. 6.
- Schleicher, Harold E., Elmwood, and M. Guett, assignors to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Enclosed electric switch. 2,117,987; May 17.
- Schleicher, Lawrence, Los Angeles, Calif. Pessary applicator. 2,104,275; Jan. 4.
- Schleifer, Carlo, Novara, Italy. Wharve for spindles for spinning, twisting, winding, and similar machines. 2,105,271; Jan. 11.
- Schlemmer, Alfred W. (See Antrim, W. D., and Schlemmer.)
- Schlenk, Fritz. (See Euler, H. V., Albers, and Schlenk.)
- Schlenker, Max, La Salle, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Automobile clock. 2,140,925; Dec. 20.
- Schlenter, John H., Cascade, Wis. Cleat for vehicle wheels. 2,118,269; May 24.
- Schlenther, Julius. (See Knight, J. M., and Schlenther.)
- Schlesinger, Alfred, Aldwych, London, England. Inking apparatus. 2,123,476; July 12.
- Schlesinger, Edgar E., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Railway car wall. 2,123,441; July 12.
- Schlesinger, Georg, Brussels, Belgium, assignor to Aktiengesellschaft für Holzveredlung, Zurich, Switzerland. Closure for barrels and the like. 2,121,511; June 21.
- Schlesinger, Hans, New York, N. Y. Safety door handle for bus air doors. 2,137,065; Nov. 15.
- Schlesinger, Kurt, Berlin, Germany. Television arrangement. 2,107,392; Feb. 8.
- Schlesinger, Kurt, Berlin, Germany. Radio receiving system. 2,107,393; Feb. 8.
- Schlesinger, Kurt, Berlin, Germany. Radio receiving system. 2,107,394; Feb. 8.
- Schlesinger, Kurt, Berlin, Germany. Radio receiving system. 2,107,395; Feb. 8.
- Schlesinger, Kurt, Berlin, Germany. Braun tube for producing television images of large size. 2,111,941; Mar. 22.
- Schlesinger, Kurt, Berlin, Germany. Electronic tube. 2,111,942; Mar. 22.
- Schlesinger, Kurt, Berlin, Germany. Relaxation apparatus. 2,113,163; Apr. 5.
- Schlesinger, Kurt, Berlin, Germany. Braun tube. 2,114,609; Apr. 19.
- Schlesinger, Kurt, Berlin, Germany. Television tube. 2,114,610; Apr. 19.
- Schlesinger, Kurt, Berlin, Germany. Cathode ray apparatus. 2,114,611; Apr. 19.
- Schlesinger, Kurt, Berlin, Germany. Container and arrangement for Braun tubes. 2,114,612; Apr. 19.
- Schlesinger, Kurt, Berlin, Germany. Cathode ray tube. 2,114,613; Apr. 19.
- Schlesinger, Kurt, Berlin, Germany. Circuit with gas-filled grid controlled glow discharge tubes. 2,114,614; Apr. 19.
- Schlesinger, Kurt, Berlin, Germany. Superheterodyne receiver. 2,114,615; Apr. 19.
- Schlesinger, Kurt, Berlin, Germany. Cathode ray tube for television purposes. 2,118,865; May 31.
- Schlesinger, Kurt, Berlin, Germany. Detector. 2,118,866; May 31.
- Schlesinger, Kurt, Berlin, Germany. Television arrangement. 2,118,867; May 31.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Braun tube for oscillographic and television purposes. 2,111,940; Mar. 22.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Electronic tube. 2,123,159; July 5.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Braun tube for television purposes. 2,123,160; July 5.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television tube. 2,123,161; July 5.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Braun tube. 2,126,286; Aug. 9.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television tube. 2,126,287; Aug. 9.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Electronic tube. 2,126,288; Aug. 9.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Cathode ray tube. 2,120,033; Sept. 6.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Wireless television receiver for talking television pictures. 2,129,034; Sept. 6.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television transmitter. 2,129,035; Sept. 6.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Tilting apparatus. 2,129,036; Sept. 6.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Detector. 2,129,037; Sept. 6.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. High vacuum television tube. 2,131,192; Sept. 27.
- Schlesinger, Kurt, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Transformer coupling for television amplifiers. 2,131,193; Sept. 27.
- Schlesinger, Kurt, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Superheterodyne receiver. 2,131,194; Sept. 27.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Method of and arrangement for producing correcting impulses. 2,137,351; Nov. 22.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Cathode ray tube. 2,137,352; Nov. 22.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television tube. 2,137,353; Nov. 22.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Receiving connection system for television receivers. 2,137,354; Nov. 22.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Ultra short wave connection system. 2,137,355; Nov. 22.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. High-voltage transformer for television apparatus. 2,137,356; Nov. 22.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television amplifier. 2,141,411; Dec. 27.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Detector for television. 2,141,412; Dec. 27.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Building up of highly sensitive cascade amplifiers. 2,141,413; Dec. 27.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Braun tube. 2,141,414; Dec. 27.
- Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Multiple cathode-ray tube. 2,141,415; Dec. 27.
- Schless, Maurice J., New York, N. Y. Display frame or the like. 2,119,832; June 7.
- Schless, Stefan, Freiburg in Breisgau, Germany. Making colored plates from mixtures of hydraulic binding agents and fibrous substances. 2,123,317; July 12.
- Schlett, Otto, New York, N. Y. Convertible furniture device. 2,131,122; Sept. 27.
- Schletz, Fred A., assignor to Miracle Paint Rejuvenator Company, Incorporated, St. Paul, Minn. Mixing machine. 2,118,362; May 24.
- Schley, Jack A., et al. (See Becker, Oakley K., assignor.)
- Schley, Thomas E., J. R. Chenall, and E. R. Kehr, Beaumont, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Header box facing tool. 2,115,430; Apr. 26.
- Schlichenmaier, Hans. (See Kränzlein, G., Schlichenmaier, and Berlin.)
- Schlichenmaier, Hans. (See Kränzlein, G., Schlichenmaier, and Schörmig.)
- Schlicht, Carl R., near La Crosse, Wis. Sheet metal scaming tool. 2,131,821; Oct. 4.
- Schlichter, Arthur L., assignor to Joe Lowe Corporation, New York, N. Y. Attachment for alimentary forming machines. 2,126,416; Aug. 9.
- Schlichting, Otto. (See Koberle, K., and Schlichting.)
- Schlichting, Otto, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Polyamino-1,9-anthrapyrimidines and producing them. 2,123,749; July 12.
- Schultz, John, Leavenworth, Kans., assignor of one-half to I. W. Brugger, Tuckahoe, N. Y. Epleyde engine. 2,128,330; Aug. 30.
- Schlitz, Jos., Brewing Company. (See Rosenak, Theodore, assignor.)
- Schlösser, Chalmor, Jr., Indianapolis, Ind. Constant mesh variable speed gear drive. 2,128,477; Aug. 30.
- Schlösser, Harold L., assignor to Lectrolite Corporation, Defiance, Ohio. Spray oiler. 2,137,786; Nov. 22.
- Schlöfiter, Max, Berlin, Germany. Apparatus for electroplying by hand. 2,128,331; Aug. 30.
- Schlottmann, John E., assignor to W. G. Schlottmann, Comfort, Tex. Incubator. 2,111,336; Mar. 15.
- Schlottmann, Willie G. (See Schlottmann, John E., assignor.)
- Schluchter, Alfred W. (See Boegehold, A. L., and Schluchter.)



- Schlueter, Ernest, Jamaica, N. Y. Ink bottle dispenser and stopper. 2,132,518; Oct. 11.
- Schlumberger, Conrad, deceased; A. M. L. Doll, administratrix, assignor to Societe de Prospection Electrique, Procédes Schlumberger, Paris, France. Method and arrangement for the electrical survey of the strata traversed by a bore hole. 2,141,826; Dec. 27.
- Schlumberger, Marcel, assignor to Société de Prospection Electrique, Procédes Schlumberger, Paris, France. Side-wall formation sampler. 2,119,361; May 31.
- Schlumberger, Marcel, assignor to Societe de Prospection Electrique, Procédes Schlumberger, Paris, France. Device for distant firing of explosive charges. 2,141,827; Dec. 27.
- Schlumberger, Marcel, assignor to Société de Prospection Electrique, Procédes Schlumberger, Paris, France. Arrangement for determining the orientation and value of dip of the beds traversed by a bore hole. 2,141,828; Dec. 27.
- Schlumbohm, Peter, Berlin, Germany. Refrigerating process. 2,105,098; Jan. 11.
- Schlumbohm, Peter, Berlin, Germany. Refrigerating system. 2,111,904; Mar. 22.
- Schlumbohm, Peter, Paris, France. Show window. 2,109,737; Mar. 1.
- Schlumbohm, Peter; Paris, France. Illuminating rooms. 2,125,319; Aug. 2.
- Schlumbohm, Peter, New York, N. Y. Container and making the same from foil. 2,125,620; Aug. 2.
- Schlumbohm, Peter, assignor of fourteen per cent to G. Von Seebeck, New York, N. Y. Enhancing the safety of liquid fuel. 2,127,536; Aug. 23.
- Schlumbrecht, John J., Chicago, Ill. Brake shoe adjusting and centering device. 2,132,049; Oct. 4.
- Schlumpf, Albert, Zurich, Switzerland. Sailboat. 2,140,250; Dec. 13.
- Schlumpf, Robert W., and R. P. Sherman, assignors to Hughes Tool Company, Houston, Tex. Roller boring drill. 2,104,819; Jan. 11.
- Schlüns, Carl, Steglitz, near Berlin, assignor, by mesne assignments, to Mercedes Büro-Maschinen-Werke Aktiengesellschaft, Zella-Mehlis, Germany. Calculating machine. 2,132,192; Oct. 4.
- Schlunz, Frederick H., Michigan City, Ind. Adjustable air filtering and circulating device. 2,115,541; Apr. 26.
- Schmäche, Wendelin. (See Finkenbeiner, H., and Schmäche.)
- Schmadeke, Herman R., assignor to Falcon Machine and Tool Co., Inc., Brooklyn, N. Y. Thread cleaner. 2,131,859; Oct. 4.
- Schmale, Harry W. (See Goerke, H. E., Bystrom, and Schmale.)
- Schmalenbach, Adolf, Essen, Germany, assignor, by mesne assignments, to Koppers Company. Removal and recovery of benzol and naphthalene from gases. 2,129,787; Sept. 13.
- Schmalenbach, Adolf, Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Extraction of benzene and its homologues from gases containing ammonia. 2,135,356; Nov. 1.
- Schmalfeldt, Hans, Cassel-Brusselsberg, Germany. Reduction of fine iron ores. 2,107,549; Feb. 8.
- Schmalfeldt, Hans, Kassel, Germany. Gasification of dust or fine-grained fuels with circulating gas. 2,113,774; Apr. 12.
- Schmalfeldt, Hans, Kassel, Germany. Gasifying finely divided fuel with circulating gas. 2,133,479; Oct. 18.
- Schmalz, Arthur E., Riverside, Ill. Dancing shoe. 2,109,712; Mar. 1.
- Schmalz, Charles H., Ridley Park, Pa. Apparatus for grinding. 2,127,071; Aug. 16.
- Schmalz, Frank, Woodstock, Ontario, Canada. Vaginal syringe. 2,125,400; Aug. 2.
- Schmalz, William F. (See Conner, B. F., and Schmalz.)
- Schmalz, William F., Rockville, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Box ornament. 2,114,860; Apr. 19.
- Schmeiser, Theodore G., Fresno, Calif. Portable load supporting structure. 2,139,470; Dec. 6.
- Schmeller, John, Sr., Lakewood, Ohio. Engine cooling device. 2,125,958; Aug. 9.
- Schmeller, John, Sr., Lakewood, Ohio. Casting. 2,135,537; Nov. 8.
- Schmelz, Charles F., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Manifold machine. 2,112,711; Mar. 29.
- Schmelzer, Albert, Cologne/Rhineland, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Diazoamino compounds. 2,124,594; July 26.
- Schmelzer, Albert, Cologne, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuff preparations. 2,125,087; July 26.
- Schmer, Karl, Berlin-Mariendorf, Germany, assignor to General Electric Company. Elastic fluid condenser arrangement. 2,120,909; June 14.
- Schmid, Carl, Berlin-Charlottenburg, Germany, assignor to A. W. Deller, New York, N. Y. Washing apparatus. 2,124,635; July 26.
- Schmid, Emil, Washington, D. C. Track for highways. 2,127,701; Aug. 23.
- Schmid, Ernst, Annecy, Haute-Savoie, France. Sleeve valve for a four stroke opposed piston engine. 2,105,272; Jan. 11.
- Schmid, Hans, Saarbruecken, Germany, assignor to Remington Rand Inc., Buffalo, N. Y. Card holder. 2,110,095; Mar. 1.
- Schmid, Hans H., Mars, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Sheet carrier. 2,107,189; Feb. 1.
- Schmid, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directional antenna system. 2,115,789; May 3.
- Schmid, Max, Nuremberg, Germany. Mechanical toy. 2,135,850; Nov. 8.
- Schmid, Max, Nuremberg, Germany. Toy vehicle with sounding means. 2,137,357; Nov. 22.
- Schmid, Richard K., and W. P. Wenzel, Maulbronn, Germany. Skinning device. 2,132,087; Oct. 4.
- Schmid, Robert H. (See Tow, James O., assignor.)
- Schmid, Theophilus, Jr., Chicago, and A. Benson, Wilmette, Ill. Letter opener. 2,134,536; Oct. 25.
- Schmidinger, Joseph, New York, N. Y. Circuit controlling mechanism. 2,133,309; Oct. 18.
- Schmidt, Adam. (See von Latscher-Latka, E., and Schmidt.)
- Schmidt, Arthur, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable condenser. 2,110,179; Mar. 8.
- Schmidt, August, Jr., Schenectady, N. Y., assignor to General Electric Company. Electric control system. 2,112,051; Mar. 22.
- Schmidt, Charles L., St. Louis, Mo., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Treating titanium-bearing materials. 2,130,565; Sept. 20.
- Schmidt, David, Lakewood, assignor to The Dobeckman Company, Cleveland, Ohio. Destructible oil container. 2,110,843; Mar. 8.
- Schmidt, Edward A., Ridgewood, N. Y. Furrier's knife. 2,104,276; Jan. 4.
- Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Method of and apparatus for determining the heating value of combustible gaseous fluids. 2,120,791; June 14.
- Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Apparatus for calorimetry of combustible fluids. 2,141,453; Dec. 27.
- Schmidt, Frank E., Tigard, Oreg. Advertising sign. 2,104,105; Jan. 4.
- Schmidt, Frank H., Hillsboro, Ohio. Shingle. 2,106,067; Jan. 18.
- Schmidt, Frank W., Jackson, assignor to Motor Wheel Corporation, Lansing, Mich. Composite brake drum. Re. 20,661; Feb. 22.
- Schmidt, Frank W., and C. W. Ryerson, assignors to Ryerson & Haynes, Inc., Jackson, Mich. Vehicle jacking structure. 2,119,028; May 31.
- Schmidt, Friedrich, Berlin-Karlshorst, Germany, assignor to General Electric Company. Blower rotor for very high peripheral velocity. 2,106,040; Jan. 18.
- Schmidt, Friedrich, Berlin-Karlshorst, Germany, assignor to General Electric Company. Motor-compressor arrangement. 2,124,433; July 19.
- Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Resilient connection. 2,126,703; Aug. 16.
- Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Resilient connection. 2,126,704; Aug. 16.
- Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Elastic coupling of rubber-metal parts. 2,126,705; Aug. 16.
- Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Pipe connection. 2,126,706; Aug. 16.
- Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Rubber and metal spring. 2,126,707; Aug. 16.
- Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Torsional rubber spring. 2,126,708; Aug. 16.
- Schmidt, Fritz, Harburg-Wilhelmsburg, Germany, assignor to Metalastik Ltd., Leicester, England. Elastic coupling. 2,127,942; Aug. 23.
- Schmidt, Godfrey H., and H. C. Behrens, assignors to Duplex Printing Press Company, Battle Creek, Mich. Folder. 2,128,167; Aug. 23.
- Schmidt, Hans, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Aromatic compounds of trivalent antimony and preparing the same. 2,127,371; Aug. 16.
- Schmidt, Hans, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Tooth cleansing agent. 2,130,034; Sept. 13.
- Schmidt, Hans, Wuppertal-Vohwinkel, and H. Jung, Wuppertal-Hammerstein, Germany, assignors to Winthrop Chemical Company Inc., New York, N. Y. Manufacture of water-soluble alkaline-earth metal salts and products obtained thereby. 2,118,985; May 31.
- Schmidt, Harlow L., Milwaukee, Wis., assignor to The Heil Co. Drier. 2,132,972; Oct. 11.
- Schmidt, Harry P., assignor to H. H. Heinrich, Inc., New York, N. Y. Printing press cylinder. 2,135,150; Nov. 1.
- Schmidt, Hartman F., Unionville, Conn. Woven fabric. 2,109,223; Feb. 22.



- Schmidt, Heinrich, Walddorf, Germany, assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Making hydrogen peroxide from persalts. 2,133,210; Oct. 11.
- Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser scoop apparatus. 2,106,961; Feb. 1.
- Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sound absorbing structure. 2,112,608; Mar. 29.
- Schmidt, Herbert A., Whittier, assignor of one-half to J. V. Keith, Los Angeles, Calif. Well pump. 2,131,822; Oct. 4.
- Schmidt, Hugo E., New Bedford, Mass. Loom reed. 2,107,877; Feb. 8.
- Schmidt, Hugo F., Milwaukee, Wis. Tractor. 2,125,522; Aug. 2.
- Schmidt, James C., Collingswood, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Paper sizing. 2,109,931; Mar. 1.
- Schmidt, John C. (See Hoffman, C. W., Schmidt, and Flowers.)
- Schmidt, John H., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Composition suitable for dentures and preparing same. 2,138,795; Nov. 29.
- Schmidt, Joseph W., assignor to Wetmore Reamer Co., Milwaukee, Wis. Blade anchoring wedge. Re. 20,722; May 10.
- Schmidt, Karl, Krefeld, Germany. Process and composition for dyeing with aniline black. 2,106,382; Jan. 25.
- Schmidt, Karl, U. S. Navy. Airplane fabric attachment. 2,140,558; Dec. 20.
- Schmidt, Karl, Cologne-Mulheim, and O. Wahl, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Heavy metal azomethine diarylene dihydroxyalates. 2,116,913; May 10.
- Schmidt, Karl, Cologne-Mulheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Metal azomethine compounds. 2,139,471; Dec. 6.
- Schmidt, Karl C., Western Springs, Ill., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,109,277; Feb. 22.
- Schmidt, Karl C., Western Springs, Ill., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,109,278; Feb. 22.
- Schmidt, Kurt, Wuppertal-Elberfeld-Grenze, Germany, assignor to North American Rayon Corporation. Winding process for filaments of artificial origin. 2,107,996; Feb. 8.
- Schmidt, Lambert, Leeds, N. Y. Plug type circuit breaker. 2,111,943; Mar. 22.
- Schmidt, Mark S. (See Fredenhagen, W. S., and Schmidt.)
- Schmidt, Martin, Kassel-Land, Germany. Water tube steam generator. 2,127,787; Aug. 23.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Receptacle filler. 2,128,734; Aug. 30.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Receptacle filler. 2,128,735; Aug. 30.
- Schmidt, Otto, Clifton, N. J., assignor, by mesne assignments, to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Accordion reed block construction. 2,113,564; Apr. 12.
- Schmidt, Otto B. (See Wilson, A. L., Prohaska, and Schmidt.)
- Schmidt, Otto W. (See Carswell, F. L., and Schmidt.)
- Schmidt, Paul, assignor to Textile Machine Works, Wyomissing, Pa. Actuating means for knitting mechanism. 2,105,444; Jan. 11.
- Schmidt, Paul, assignor to Textile Machine Works, Wyomissing, Pa. Yarn carrier control mechanism for straight or full-fashioned knitting machines. 2,111,495; Mar. 15.
- Schmidt, Paul C., Nutley, N. J. Nut lock. 2,107,550; Feb. 8.
- Schmidt, Richard W., Redondo Beach, assignor, by mesne assignments, to The Evanston Company, Los Angeles, Calif. Decolorizing and filtering agent. 2,127,702; Aug. 23.
- Schmidt, Richard W., Redondo Beach, assignor to The Evanston Company, Los Angeles, Calif. Comminuting wood for making carbons. 2,130,566; Sept. 20.
- Schmidt, Rudolph A., assignor to Rusling Wood, Inc., New York, N. Y. Display device. 2,115,243; Apr. 26.
- Schmidt, Theo., Dortmund, assignor to G. Polystus, Aktiengesellschaft, Dessau, Germany. Centrifugal separator. 2,128,166; Aug. 23.
- Schmidt, Walter. (See Niedemans, O., and Schmidt.)
- Schmidt, Wilhelm, Berlin-Schmargendorf, Germany, assignor to H. J. Mulert, New York, N. Y.; E. A. Mulert, sole heir of H. J. Mulert, deceased. Light advertising device. 2,134,150; Oct. 25.
- Schmidt, William D., assignor to The Heald Machine Company, Worcester, Mass. Hone. 2,112,120; Mar. 22.
- Schmidt, William D., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,119,296; May 31.
- Schmidt, William E., Northside, assignor to C. K. Manufacturing Company, Inc., Pittsburgh, Pa. Supporting apparatus. 2,120,077; June 7.
- Schmidt, William E., and T. J. Bresna, Chippewa Falls, Wis. Caisson. 2,129,336; Sept. 6.
- Schmidtke, Albert H., St. Joseph, Mich., assignor, by mesne assignments, to Seymour & Peck Company, Chicago, Ill. Machine for securing heads in cylindrical containers. 2,106,020; Jan. 18.
- Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Basket cover. 2,106,328; Jan. 25.
- Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Basket cover fastener. 2,126,582; Aug. 9.
- Schmidtke, Albert H., assignor to St. Joe Machines, Inc., St. Joseph, Mich. Stapling mechanism. 2,128,478; Aug. 30.
- Schmidt'sche Heissdampf-Gesellschaft m. b. H. (See Engler, Otto, assignor.)
- Schmiedemann, Franklin D., Los Angeles, Calif. Reservations cabinet and daily reminder. 2,132,652; Oct. 11.
- Schmieding, Warren H. F. (See Thomas, N. M., and Kronbach, assignors.)
- Schmier, Abe A., et al. (See Cahaney, James M., assignor.)
- Schmitt, Albert C., St. Nazianz, Wis. Spindle cutter. 2,119,929; June 7.
- Schmitt, George A., Boise, Idaho. Slicing machine. 2,136,319; Nov. 8.
- Schmitt, George F., South Ozone Park, N. Y. Safety electrical power unit. 2,114,687; Apr. 19.
- Schmitt, George P., New York, N. Y. Cigarette medication. 2,106,467; Jan. 25.
- Schmitt, John A., assignor to The Universal Milking Machine Company, Waukesha, Wis. Teat cup claw. 2,136,956; Nov. 15.
- Schmitt, Karl J., Chemnitz, Germany. Combing machine for wool, cotton, and the like. 2,125,360; Aug. 2.
- Schmitt, Karl J., assignor to Sächsische Textilmaschinenfabrik vorm. Rich. Hartmann Aktiengesellschaft, Chemnitz, Germany. Combing machine for wool, cotton, and the like. 2,113,061; Apr. 5.
- Schmitt, Paula F., assignor to A. Fowler, St. Louis, Mo. Extension shelf. 2,106,538; Jan. 25.
- Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,139,519; Dec. 6.
- Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Switch handle guard. 2,141,936; Dec. 27.
- Schmitter, Walter P. (See Kelley, J. B., and Schmitter.)
- Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,126,508; Aug. 9.
- Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Speed reducer. 2,126,691; Aug. 9.
- Schmittutz, Carl, Bad Kissingen, Germany, assignor, by mesne assignments, to General Osmose Corporation, Dover, Del. Preserving standing poles. 2,109,508; Mar. 1.
- Schmittutz, Carl, Bad Kissingen, Germany, assignor, by mesne assignments, to General Osmose Corporation, Dover, Del. Preserving standing poles. 2,139,422; Dec. 6.
- Schmitz, Fred A., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Filing drawer. 2,124,511; July 19.
- Schmitz, Hellmuth. (See Broche, H., and Schmitz.)
- Schmitz, Josef, Wiesbaden, Germany, assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Moldable phenol-aldehyde resins. 2,124,532; July 26.
- Schmitz, William L., Los Angeles, Calif. Internal combustion engine. 2,127,758; Aug. 23.
- Schmook, Rudolf, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Air-cored high-frequency transformer. 2,130,432; Sept. 20.
- Schmutz, Hans, Bern, Switzerland. Motor car brake apparatus. 2,116,046; May 3.
- Schmutzer, Charles, Irvington, assignor to Hoffman Beverage Company, Newark, N. J. Container labeling mechanism. 2,119,653; June 7.
- Schmutzer, Charles, Irvington, and K. Manrodt, assignors to Hoffman Beverage Company, Newark, N. J. Label brushing device. 2,118,527; May 24.
- Schmutzler, Clarence G., Beaver Dam, Wis. Funnel. 2,127,788; Aug. 23.
- Schnabel, Charles F., Kansas City, Kans., assignor to American Dairies, Incorporated, Kansas City, Mo. Feed and making the same. 2,133,362; Oct. 18.
- Schnabel, Dr., & Co., Komm.-Ges., et al. (See Vohrer, Herbert, assignor.)
- Schnabel, Frederick C., Hopkins, Minn. Clamp device. 2,130,035; Sept. 13.
- Schnabel, Frederick C., Hopkins, Minn. Typewriter eraser. 2,132,906; Oct. 11.
- Schnabel, Theodore H., Detroit, Mich. Weed-resisting fish lure. 2,136,713; Nov. 15.
- Schnalttacher, Herman, assignor to Venus Corporation, New York, N. Y. Shower hood. 2,105,950; Jan. 18.
- Schnase, Arthur J., and H. S. Skinner, assignors of one-third to R. M. Hawk, Chicago, Ill. Combined handle grip and weapon. 2,121,989; June 28.
- Schuebly, John P., Opportunity, Wash. Telescope support for drills. 2,140,854; Dec. 20.
- Schnecko, Otto, and B. Parth, Wiesbaden-Biebrich, Germany, assignors to The Visking Corporation, Chicago, Ill. Making sausage casings. 2,130,566; Nov. 15.



- Schneerräumungsmaschinen A. G. (See Peter, Hans, assignor.)
- Schneevoigt, Alwin. (See Reppe, W., Hoelscher, and Schneevoigt.)
- Schneeweis, Daniel D., Brooklyn, N. Y. Barrette. 2,116,799; May 10.
- Schneible, Claude B., Chicago, Ill. Column. 2,114,786; Apr. 19.
- Schneible, Claude B., Chicago, Ill. Column. 2,141,829; Dec. 27.
- Schneider, Albert. (See Brodersen, K., Quaadvlieg, Schneider, and Gensel.)
- Schneider, Albert, and F. Gaisser, Stuttgart, Germany. Preparing water for industrial purposes of all kinds, especially boiler feed water. 2,127,450; Aug. 16.
- Schneider, Anthony, Silverton, Ohio. Door operating and locking mechanism. 2,113,966; Apr. 12.
- Schneider, Bruno, Laurelton, and O. Marquard, St. Albans, N. Y. Punch and die. 2,111,156; Mar. 15.
- Schneider, Charles H., Poquonock, Conn. Electric switch. 2,129,591; Sept. 6.
- Schneider & Cie. (See Fieux, Jean, assignor.)
- Schneider & Cie. (See Methlin, Nicolas E., assignor.)
- Schneider, Ernst W., Berlin, Germany. Light metal pistons for internal combustion engines. 2,123,489; July 12.
- Schneider, Ferdinand, Fulda, Germany. Contact device for electric master clocks. 2,117,507; May 17.
- Schneider, Ferdinand, Fulda, Germany. Electrically driven master clock. 2,117,508; May 17.
- Schneider, Ferdinand, Fulda, Germany. Contact device for clocks driven by electric motors. 2,128,563; Aug. 30.
- Schneider, Frank H., assignor to The Floyd-Wells Company, Royersford, Pa. Gas burner. Re. 20,662; Feb. 22.
- Schneider, Frank H., assignor to The Floyd-Wells Company, Royersford, Pa. Stove door construction. 2,129,750; Sept. 13.
- Schneider, Frank H., assignor to The Floyd-Wells Company, Royersford, Pa. Range. 2,139,643; Dec. 6.
- Schneider, Frank H., Royersford, and D. Saponara, Spring City, assignors to The Floyd-Wells Company, Royersford, Pa. Dual or combination range. 2,140,681; Dec. 20.
- Schneider, Fred E., Grand Junction, Colo. Doorknob lock. 2,123,808; July 12.
- Schneider, Fred E., Grand Junction, Colo. Fuel tank lock. 2,125,818; Aug. 2.
- Schneider, Fred E., Grand Junction, Colo. Locking closure cap. 2,125,819; Aug. 2.
- Schneider, George. (See Dreyfus, C., and Schneider.)
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Treatment of derivatives of cellulose. 2,109,509; Mar. 1.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Treatment of derivatives of cellulose. 2,109,753; Mar. 1.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Water and moistureproof textile materials. 2,114,320; Apr. 19.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Treating textile material and product thereof. 2,114,669; Apr. 19.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Fabric and making same. 2,126,820; Aug. 16.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Composite fabric and making same. 2,126,821; Aug. 16.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Fabric and making same. 2,126,822; Aug. 16.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Making a stiffened fabric. 2,126,823; Aug. 16.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Composite fabric and making same. 2,126,824; Aug. 16.
- Schneider, George, Saginaw, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Making tappets. 2,118,446; May 24.
- Schneider, Hans, Portchester, N. Y., assignor to Metal Forming & Coating, Inc. Process and apparatus for producing metallic coatings on various articles. 2,136,024; Nov. 8.
- Schneider, Harvey C., Buffalo, N. Y. Image forming device for automobiles. 2,109,932; Mar. 1.
- Schneider, Heinrich. (See Leitz, L., Engelmann, and Schneider.)
- Schneider, Helmuth G. (See Archibald, F. M., and Schneider.)
- Schneider, Helmuth G., Elizabeth, N. J., assignor to Standard Oil Development Company. Polymers and making the same. 2,131,196; Sept. 27.
- Schneider, Helmuth G., and J. V. Sommer, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of drying oils. 2,131,195; Sept. 27.
- Schneider, Henry W., Toledo, Ohio, assignor to Libby Glass Company. Multicolor stenciling apparatus. 2,129,163; Sept. 6.
- Schneider, Henry W., and L. O. Mankin, Toledo, Ohio, assignors to Libby Glass Company. Tumbler feeding mechanism. 2,125,837; Aug. 2.
- Schneider, Herman A. (See Purdy, N. B., and Schneider.)
- Schneider, Hermann. (See Straub, F., Pieth, and Schneider.)
- Schneider, Hugo, Aktiengesellschaft. (See Schimpf, Franz, assignor.)
- Schneider Iron Works. (See Lotz, Rudolph W., assignor.)
- Schneider, Josef. (See Thilenius, R., and Schneider.)
- Schneider, Jos., & Co., Optotechnische Gesellschaft. (See Tronnier, Albrecht W., assignor.)
- Schneider, Julius L., S. L. Plugge, and R. J. Evans, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Producing quick drying oil suitable for varnishes. 2,120,044; June 7.
- Schneider, Karl, Lexington, Ky. Column switch for electric lamps. 2,124,009; July 19.
- Schneider, Martin J., Linden, Wis. Cheese rack. 2,113,386; Apr. 5.
- Schneider, Nicholas A., St. Louis, Mo. Revolvable window or sash. 2,114,504; Apr. 19.
- Schneider, Paul E. (See Ammen, F. D., and Schneider.)
- Schneider, Ralph E. (See Grebe, J. J., Hebbard, and Schneider.)
- Schneider, Robert. (See Poelman, A. J. J., and Schneider.)
- Schneider, Rudolph H., Chestnut Hill, Mass. Bone pin. 2,136,471; Nov. 15.
- Schneider, Rudolph H., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Two-cycle engine. 2,115,180; Apr. 26.
- Schneider, Wilhelm. (See Fehr, K., Heinemann, and Schneider.)
- Schneider, Wilhelm. (See Koeberle, K., Muenster, and Schneider.)
- Schneider, Wilhelm. (See Wilmanns, G., and Schneider.)
- Schneider, Wilhelm, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of carbocyanine dyes. 2,106,383; Jan. 25.
- Schneider, William R., Buffalo, N. Y. Toy railroad. 2,111,944; Mar. 22.
- Schneiderwirth, Herman J., Laurelton, N. Y. 2-amino-8-hydroxy-quinoline and its salts and producing the same. 2,121,449; June 21.
- Schnell, Arthur E., and M. A. Beckmann, assignors to Aluminum Industries, Inc., Cincinnati, Ohio. Machining of cast pistons. 2,139,287; Dec. 6.
- Schnell, Fred W., New York, N. Y. Rotary brush. 2,122,326; June 28.
- Schnell, Julius L., Arlington, N. J. Fountain pen. 2,120,652; June 14.
- Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,112,609; Mar. 29.
- Schnell, William J., Berwyn, Ill. Radio tuning device. 2,138,328; Nov. 29.
- Schnell, William J., Berwyn, assignor to Electrical Research Laboratories Inc., Chicago, Ill. Radio tuning indicator. 2,122,328; June 28.
- Schnell, William J., Berwyn, assignor to Electrical Research Laboratories Inc., Chicago, Ill. Radio tuning indicator. 2,122,329; June 28.
- Schnell, William N., Detroit, Mich. License plate frame. 2,138,124; Nov. 29.
- Schnelz, Frederick C., Detroit, Mich. Device for washing photographic prints. 2,105,165; Jan. 11.
- Schneuer, Arthur W. (See Sovad, E. L., and Schneuer.)
- Schneider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Halogenated pyridine derivatives and the manufacture of same. 2,112,223; Mar. 22.
- Schneider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of 2,4-dioxo-3,3-dialkyl-6-methyl-tetrahydro-pyridine. 2,137,192; Nov. 15.
- Schnitzler, Abraham, Chelsea, Mass. Sash balancing construction. 2,110,920; Mar. 15.
- Schnitzspahn, Karl, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Stable diazo salt preparations and preparing them. 2,106,539; Jan. 25.
- Schnitzspahn, Karl, and W. Koch, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Solid diazo salts. 2,118,986; May 31.
- Schnoll, Nathan, New York, N. Y., assignor to Solar Manufacturing Corporation. Electrolytic device. 2,120,815; June 14.
- Schnoll, Nathan, New York, N. Y., assignor to Solar Manufacturing Corporation. Impregnating process for electrolytic condensers. 2,120,816; June 14.
- Schnoll, Nathan, New York, N. Y., assignor to Solar Manufacturing Corporation. Electrolytic condenser. 2,122,756; July 5.
- Schnoor, Raymond D., et al. (See Michaud, Elzear V., assignor.)
- Schnorf, Paul, Wiesli, Switzerland, assignor to Hercules Powder Company, Wilmington, Del. Protective coating. 2,138,211; Nov. 29.
- Schnuck, Carl F., New Haven, assignor to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Drive mechanism for rubber mills or the like. 2,111,693; Mar. 22.
- Schnur, Mathew, Chicago, Ill. Combination lock. 2,118,478; May 24.
- Schob, Anthony J., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Mattress and spring assembly therefor. 2,129,038; Sept. 6.



- Schöbel, Fritz, Berlin-Pankow, and P. Schubert, Berlin-Karlshorst, Germany, assignors to General Electric Company. Mechanical motion transmitting device. 2,106,041; Jan. 18.
- Schober, Oskar, Horrem, Bezirk Koeln, Germany, assignor to American Lurgi Corporation, New York, N. Y. Coloring and protective coatings. 2,106,228; Jan. 25.
- Schock, Charles R., Madeira, and C. L. Koehler, assignors to The Alvey-Ferguson Company, Oakley, Cincinnati, Ohio. Overhead traveling conveyer. 2,117,988; May 17.
- Schoefield, William B., assignor of one-third to G. A. Brinkmann, Detroit, Mich. Infant's floating device. 2,133,790; Oct. 18.
- Schoeller, Conrad. (See Schuette, H., Schoeller, and Wittwer.)
- Schoeller, Conrad G. Schwen, and G. Kraemer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Organic dyestuffs and producing them. 2,131,712; Sept. 27.
- Schoeller, Conrad, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Production of ethers suitable as dispersing agents and of preparations therefrom. 2,133,480; Oct. 18.
- Schoeller, Felix & Bausch. (See Bausch, V. T., and Schroth, assignors.)
- Schoeller, Walter, Berlin-Westend, M. Dohrn, Berlin-Charlottenburg, and W. Hohlweg, Hohen-Neuendorf, near Berlin, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Oestrogenous products and producing the same. 2,112,712; Mar. 29.
- Schoeller, Walter, Berlin-Westend, A. Serini, Berlin, M. Gehrke, Birkenwerder, near Berlin, H. Priewe, Rangs-dorf (Teltow), L. Strassberger, Berlin-Wilmersdorf, and W. Logemann, Berlin-Charlottenburg, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Separation of hydroxy compounds of the cyclopentano poly-hydro phenanthrene series. 2,119,515; June 7.
- Schoeller, Walter, Berlin, M. Dohrn, Berlin-Charlottenburg, and W. Hohlweg, Hohen-Neuendorf, near Berlin, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Oestrogenous products and producing the same. 2,136,397; Nov. 15.
- Schoen, Harry, and T. Pletcher, assignors to Eagle Straw Corporation, Brooklyn, N. Y. Drinking straw manufacturing apparatus. 2,128,564; Aug. 30.
- Schoen, Hermann K. (See Belasch, A. O., and Schoen.)
- Schoenbaum, Joseph R., assignor of one-half to P. Glaberman, New York, N. Y. Perpetual calendar. 2,116,288; May 3.
- Schoenbeck, Friederich, Berlin-Biesenthal, and E. Czapp, Berlin, Germany. Dental filling composition. 2,122,011; June 28.
- Schoenberger, W. J., Company, The. (See Kindl, J. V., and Slavin, assignors.)
- Schoenberger, W. J., Company, The. (See Stuckenholt, C. S., and Jaros, assignors.)
- Schoenberger, W. J., Company, The. (See Stuckenholt, C. S., and Slavin, assignors.)
- Schoenbuecher, Frank C., Milwaukee, Wis. Hydroaero-plane. 2,109,320; Feb. 22.
- Schoene, Kurt, Hamburg, Germany. Liquid pump. 2,129,073; Sept. 6.
- Schoenfeld, Gustav, Great Falls, Mont. Commutator dresser. 2,134,151; Oct. 25.
- Schoenrock, Otto R., Chicago, Ill. Bearing. 2,140,335; Dec. 13.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Braking. 2,111,812; Mar. 22.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Method and apparatus for braking. 2,120,443; June 14.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Method and apparatus for maintaining adjacent railway cars on a level plane. 2,124,124; July 19.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Braking and traction control. 2,124,125; July 19.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Railway brake mechanism. 2,127,428; Aug. 16.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Braking. 2,127,429; Aug. 16.
- Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Bldg. Company, Cincinnati, Ohio. Method and apparatus for maintaining adjacent railway cars on a level plane: electric motor control. 2,135,224; Nov. 1.
- Schoettlin, Mrs. Alexander. (See Price, Nathan H., assignor.)
- Schofield, Bernard R., assignor to Johnson Laboratories, Inc., Chicago, Ill. Electrical coupling device. 2,140,770; Dec. 20.
- Schofield, Carrie L., et al. (See Schofield, George L.)
- Schofield, Earl L. (See Richter, E., and Schofield.)
- Schofield, Earl L., assignor to Henney Motor Company, Freeport, Ill. Bler pin for hearses. 2,132,543; Oct. 11.
- Schofield, Earl L., assignor to Henney Motor Company, Freeport, Ill. Flower basket bracket for hearses. 2,138,647; Nov. 29.
- Schofield, Edwin R., Philadelphia, Pa. Valve. 2,134,208; Oct. 25.
- Schofield, Frank H. (See Kostyk, S. A., and Schofield.)
- Schofield, George L., National City, assignor to said G. L. Schofield, as trustee, for C. L. Schofield, G. L. S. Geer, and E. S. S. Stacy-Judd, Los Angeles, Calif. Automobile front end supporting mechanism. 2,105,823; Jan. 18.
- Schofield, John E. (See Coffey, S., and Schofield.)
- Schofield, Martha M., administratrix. (See Schofield, Stanley T.)
- Schofield, Stanley T., deceased, by M. M. Schofield, administratrix, Wilkensburg, Pa., assignor to Westing-house Electric & Manufacturing Company, East Pittsburgh, Pa. Control device for circuit breakers. 2,125,130; July 26.
- Schofield, William R., Jr., assignor to Leeds and Northrup Company, Philadelphia, Pa. Exhibiting instrument. 2,124,832; July 26.
- Schoitz, Otto A., Waterloo, Iowa. Shape cutting machine. 2,107,396; Feb. 8.
- Scholaert, Albert C., Tourcoing, France. Controlling the worker of teasing machines. 2,120,576; June 14.
- Schöller, Wilhelm, Brunn, Czechoslovakia. Affixing advertising seals to newspapers and other printed matter. 2,110,683; Mar. 8.
- Scholes, Daniel R., Oak Park, assignor to Aermotor Company, Chicago, Ill. Power transmitting mechanism. 2,115,286; Apr. 26.
- Scholes, Richard T., Hinsdale, Ill. Rail fastening. 2,127,430; Aug. 16.
- Scholl, Charles F., Chicago, Ill. Salesman's shoe-display rack. 2,137,029; Nov. 15.
- Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Air control means for combustion apparatus. 2,109,239; Feb. 22.
- Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Air control means for combustion apparatus. 2,109,240; Feb. 22.
- Scholl, Clark, assignor, by mesne assignments, to The Steel Products Engineering Company, Springfield, Ohio. Fuel stoker. 2,118,625; May 24.
- Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Hopper for fuel stokers. 2,128,968; Sept. 6.
- Scholl, Harry S., Chicago, Ill., assignor to F. H. Hill Company, Inc., Cleveland, Ohio. Casket. 2,118,868; May 31.
- Scholl Mfg. Co., The. (See Thornton-Norris, George, assignor.)
- Scholl Manufacturing Company Limited, The. (See Thornton-Norris, George, assignor.)
- Scholl, Paul, Berlin-Siemensstadt, and C. Kühnel, Berlin-Charlottenburg, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Absorption refrigerating apparatus. Re. 20,921; Nov. 15.
- Scholl, William M., Chicago, Ill. Card for corn pads and the like. Re. 20,899; Oct. 25.
- Scholl, William M., Chicago, Ill. Arch-corrective shoe. 2,114,505; Apr. 19.
- Scholl, William M., Chicago, Ill. Medicated button. 2,115,237; Apr. 26.
- Scholl, William M., Chicago, Ill. Medicated pad. 2,125,008; July 26.
- Scholl, William M., Chicago, Ill. Making arch-corrective shoes. 2,133,579; Oct. 18.
- Scholler, Heinrich, Soln, near Munich, Germany. Saccharification of cellulose. 2,123,211; July 12.
- Scholler, Heinrich, Soln, near Munich, Germany. Extraction. 2,123,212; July 12.
- Scholler, Heinrich, Munich-Solln, and R. Elckemeyer, Munich, Germany. Method of and apparatus for the saccharification of substances containing cellulose. 2,108,567; Feb. 15.
- Schöllkopf, Karl, assignor to the firm Rheinische Kampfer-Fabrik G. m. b. H., Düsseldorf-Oberkassel, Germany. Alkylation of compounds and the isomerization and conversion of alkyl-compounds. 2,115,884; May 3.
- Schollmeyer, William A., assignor of one-half to O. F. Jagielski, Yonkers, N. Y. Exercising machine. 2,128,332; Aug. 30.
- Scholtes, Albert J., Baltimore, Md. Releasable internally expanding hose coupling. 2,110,096; Mar. 1.
- Scholtes, Albert J., Baltimore, Md. Flashlight. 2,124,153; July 19.
- Scholtes, Albert J., Baltimore, Md. Quick Interlocking duplicate end hose coupling. 2,124,474; July 19.
- Scholtes, Albert J., Baltimore, Md., assignor to Scovill Manufacturing Company, Waterbury, Conn. Tube deformer. 2,122,725; July 5.
- Scholtes, Albert J., Eliot, Miss., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hose nozzle. 2,121,747; June 21.
- Scholtz, Clarence A., Minneapolis, Minn. Reflecting sign. 2,122,156; June 28.
- Scholtze, Herman J., Berkeley, Calif. Flexible shaft coupling. 2,105,702; Jan. 18.
- Scholz, Caesar. (See Miescher, K., Wettstein, and Scholz.)
- Scholz, Heinrich. (See Koehler, K., Scholz, and Elsele.)
- Scholz, Walter W., Woodstock, Ontario, Canada, assignor to Scott & Williams, Incorporated, New York, N. Y. Knitted hosiery and making same. 2,139,606; Dec. 6.



- Schönbeck, Friedrich, Berlin-Biesenthal, and H. Schröder, Berlin, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Basis mass for dental repair parts. 2,135,915; Nov. 8.
- Schoneberger, Arthur W., Cincinnati, Ohio. Fountain pen. 2,108,552; Feb. 15.
- Schönfeld, Paul. (See Leimbrock, Paul, assignor.)
- Schönfeld, Paul, Chemnitz, Germany. Warp fabric. 2,124,316; July 19.
- Schönfeld, Paul, Chemnitz, Germany. Manufacture of warp goods. 2,130,655; Sept. 20.
- Schönitzer, Rudolph I., Cleveland, Ohio. Combined door-holding and door-checking device. 2,137,197; Nov. 15.
- Schooley, Robert E., Buffalo, N. Y. Device for holding firecrackers and the like. 2,129,039; Sept. 6.
- Schoorel, Adam, New York, and H. F. Keil, Scarsdale, N. Y., assignors to Francis Keil & Son, Inc. Padlock construction. 2,116,965; May 10.
- Schopbach, Charles H., assignor to International Corset Company, Aurora, Ill. Garment. 2,106,021; Jan. 18.
- Schopbach, Charles H., and L. Babcock, assignors to International Corset Company, Aurora, Ill. Corset. 2,104,277; Jan. 4.
- Schori, Fritz, Wetzikon, Switzerland. Apparatus for fusing and spraying pulverized substances. 2,108,998; Feb. 22.
- Schörning, Ludwig. (See Kränzlein, G., Schlichenmaier, and Schörning.)
- Schott, John, Archbald, Pa. Fishhook. 2,124,263; July 19.
- Schott, John F., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Making rubber articles. 2,129,607; Sept. 6.
- Schott, Lionel, East Orange, N. J., assignor to American Telephone and Telegraph Company. Two-way signaling system. 2,108,974; Feb. 22.
- Schott, William P., Rockville Centre, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Display stand. 2,114,357; Apr. 19.
- Schotte, Herbert, and K. Görnitz, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Insecticide and making same. 2,136,868; Nov. 15.
- Schottenhammer, Karl. (See Röhm, O., Schottenhammer, and Gröner.)
- Schowengerdt, Victor, Chamois, Mo. Harvester and thresher. 2,109,436; Feb. 22.
- Schrader, Gerhard. (See Schindhelm, H., Schultis, Schrader, and Taube.)
- Schrader, Gerhard, Opladen-Lutzenkirchen, O. Bayer, and H. Kükenthal, Leverkusen-I. G. Werk, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Medium for combating vermin. 2,114,577; Apr. 19.
- Schrader, Gerhard, and O. Bayer, Leverkusen-I. G. Werk, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sulphamic acid fluorides. 2,130,038; Sept. 13.
- Schrader, Hans. (See Wiedbrauck, E., Schrader, and Büche.)
- Schrader, Hans, and H. Stahl, Essen-Ruhr, assignors to Th. Goldschmidt Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of emulsions. 2,121,305; June 21.
- Schrader, Henry, Chicago, Ill. Torch. 2,120,078; June 7.
- Schrader, Leo W. (See Hahn, F., and Schrader.)
- Schrader, Lloyd F. (See McIntire, C. V., and Schrader.)
- Schrader, Samuel B., Clyde, N. Dak. Turn indicator. 2,139,976; Dec. 13.
- Schrader, William L., Chicago, Ill. Corn pad and plaster. 2,123,121; July 5.
- Schrader's, A., Son, Incorporated. (See Williams, Selden T., assignor.)
- Schraffenberger, Strieder, Millburn, N. J. Display carton. 2,131,391; Sept. 27.
- Schramm, Albert A. and A. A., Chicago, Ill. Brake. 2,108,180; Feb. 15.
- Schramm, Arthur A. (See Schramm, Albert A. and A. A.)
- Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Book signature feed. 2,124,862; July 26.
- Schramm, Christopher H., Muskegon, Mich., assignor, by mesne assignments, to Manning, Maxwell & Moore, Inc., New York, N. Y. Soaking-pit trolley. 2,137,813; Nov. 22.
- Schramm, Christopher H., Muskegon, Mich., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Soaking pit cover crane. 2,138,886; Dec. 6.
- Schranner, A. P., Company. (See Egger, Walter F., assignor.)
- Schrank, Harry P., Akron, Ohio, assignor to Seiberling Rubber Company. Method of and apparatus for removing bands from building drums. 2,132,324; Oct. 4.
- Schrank, Max C., Bridgeton, N. J. Slip. 2,104,596; Jan. 4.
- Schrank, Max C., Bridgeton, N. J. Slip. 2,116,047; May 3.
- Schrauth, Walther, Berlin-Dahlem, Germany. Treating fibrous material. 2,141,845; Dec. 27.
- Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Producing halogenated sulphates and sulphonates. 2,125,656; Aug. 2.
- Schrauth, Walther, Berlin-Dahlem, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Procedure to render albuminous artificial stuffs soft and elastic. 2,137,006; Nov. 15.
- Schrauth, Walther, Berlin-Dahlem, and K. Stickdorn, Rossau, Anhalt, assignors to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Dissolving, softening, gelatinizing and swelling agents. 2,137,007; Nov. 15.
- Schray, Walter H., assignor to United Steel and Wire Company, Battle Creek, Mich. Basket carrying cart. 2,141,881; Dec. 27.
- Schreck, Irvin F., Cleveland, Ohio, and C. S. Mann, assignors to Bond Foundry & Machine Company, Manheim, Pa. Caster control means for movable trucks and the like. 2,132,973; Oct. 11.
- Schrecker, Rudolf. (See Szathmáry, József, assignor.)
- Schreiber, Eva, née Stege. (See Meyer, F., and Schreiber.)
- Schreiber, Franz, Cologne-Klettenberg, Germany. Deoxidation of technically pure zinc. 2,121,306; June 21.
- Schreiber, Fredrick D., Dormont, Pa. Recovering cyanogen compounds. 2,110,244; Mar. 8.
- Schreiber, Fredrick D., Dormont, Pa. Purifying coke oven gas. 2,113,002; Apr. 5.
- Schreiber-Gastell, Richard. (See Formhals, Anton, assignor.)
- Schreiber, Lotte, New York, N. Y. Studio couch. 2,139,698; Dec. 13.
- Schreiber, Richard S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea cellulose solutions. 2,129,708; Sept. 13.
- Schreiber, Thomas J. (See Shulman, L., Jarvis, Thomson, O'Brien, and Schreiber.)
- Schreier, Curtis. (See Botinger, F., and Schreier.)
- Schreiner, Ernest J. (See Carpenter, L. A., and Schreiner.)
- Schremp, Frederick W., Elmira, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,127,431; Aug. 16.
- Schrey, Frederick H., Wilkes-Barre, Pa. Cleaner attachment for silk throwing machines. 2,109,553; Mar. 1.
- Schreyer, Charles G., assignor of one-fourth to J. H. Fulton, South Bend, Ind. Hydro-mechanical brake operating device. 2,136,398; Nov. 15.
- Schriever, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television apparatus. 2,114,688; Apr. 19.
- Schröder, Carl J. P., Holte, Denmark. Generator for sound oscillations for measuring distance according to the echo principle. 2,121,411; June 21.
- Schröder, Heinrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Remote control mechanism. 2,111,694; Mar. 22.
- Schröder, Hermann. (See Schönbeck, F., and Schröder.)
- Schroder, Walter L., Hortonville, Wis. Canning peas. 2,133,117; Oct. 11.
- Schroeder, Arthur J., Cincinnati, Ohio, assignor to Interchemical Corporation. Manufacturing pigments dispersed in oil. 2,112,222; Mar. 22.
- Schroeder, Bernard A., Evanston, assignor to United Autographic Register Co., Chicago, Ill. Typewriter attachment. 2,112,681; Mar. 29.
- Schroeder, Carl J., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Vent valve. 2,111,813; Mar. 22.
- Schroeder, Carl J., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Pressure vacuum relief valve. 2,116,769; May 10.
- Schroeder, Carl J., Hobar, Ind., assignor to Standard Oil Company, Chicago, Ill. Barrel washing machine. 2,133,481; Oct. 18.
- Schroeder, Charles, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Steering wheel mounting. 2,110,425; Mar. 8.
- Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lifting truck. 2,126,289; Aug. 9.
- Schroeder, Fred, Milwaukee, Wis. Washing machine. 2,127,311; Aug. 16.
- Schroeder, Harry C., et al. (See Korematsu, Hi, assignor.)
- Schroeder, Hermann F., Milwaukee, Wis. Razor edge stropping device. 2,123,383; July 12.
- Schroeder, Hubert. (See Struk, W., and Schroeder.)
- Schroeder, Pauline. (See Hartley, H. J., and Schroeder.)
- Schroeder, Simon E., Chicago, Ill. Clothes wringer. 2,114,404; Apr. 19.
- Schroeder, Wilburn C., Highland Park, N. J., assignor of one-half to W. H. & L. D. Betz, Philadelphia, Pa. Determination of barium and sulphate by means of tetrahydroxyquinone. 2,120,529; June 14.
- Schroeder, William, assignor to The Mercury Manufacturing Company, Chicago, Ill. Gasoline tractor. 2,065,4; Feb. 15.
- Schroeder, William F., assignor to Victor Products Corp., Chicago, Ill. File for correspondence and the like. 2,109,713; Mar. 1.
- Schröter, Erich, Berlin-Charlottenburg 4, Germany, assignor to General Electric Company. Excitation system for dynamo-electric machines. 2,111,408; Mar. 15.
- Schröter, Erich, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric phase shifting circuits. 2,141,937; Dec. 27.
- Schroter, Fritz. (See Schleede, A., and Schroter.)



- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,108,617; Feb. 15.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television. 2,109,321; Feb. 22.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television apparatus. 2,118,115; May 24.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television scanning system. 2,124,404; July 19.
- Schröter, Fritz, Berlin, and A. Schleede, Leipzig, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television. 2,121,990; June 28.
- Schröter, Gustav-Adolf, Dessau, assignor to O. H. Dräger, Lubeck, Germany. Detecting the presence of carbon monoxide. 2,111,301; Mar. 15.
- Schröter, Hans O. (See Schröter, Kurt and H. O.)
- Schröter, Kurt and H. O., Wechmar, Gotha-Land, Germany. Chassis of vehicles. 2,105,553; Jan. 18.
- Schroth, Adolf. (See Bausch, J. T., and Schroth.)
- Schroth, Ernest H., Palisade, N. J. Making wood products. 2,106,468; Jan. 25.
- Schroth, William F., assignor to C. H. Wheeler Manufacturing Co., Philadelphia, Pa. Heat exchange apparatus. 2,136,087; Nov. 8.
- Schubel, George V., et al. (See Zaebs, Oran C., assignor.)
- Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Miniature film holder. 2,110,475; Mar. 8.
- Schubert, Friedrich. (See Noack, E., and Schubert.)
- Schubert, Friedrich, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,106,876; Feb. 1.
- Schubert, Friedrich, Leverkusen, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,139,472; Dec. 6.
- Schubert, Georg, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Continuous film treating device. 2,124,085; July 19.
- Schubert, Hermann J., Hackensack, N. J. Wall construction. 2,134,894; Nov. 1.
- Schubert, Julius, assignor to Steiner Bros. Inc., Long Island City, N. Y. Electric soldering iron. 2,106,439; Jan. 25.
- Schubert, Paul. (See Schöbel, F., and Schubert.)
- Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Heinitz, Woldemar, assignor.)
- Schuchardt, Hans, and G. Z. von Manteuffel, Berlin, Germany, assignors to Askania-Werke A. G. Gyromagnetic compass. 2,140,191; Dec. 13.
- Schuchmann, Hans, Berlin-Schmargendorf, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Voltage measuring system. 2,133,670; Oct. 18.
- Schuessle, Elwood J., Jenkintown, assignor to The Lawrence-McFadden Co., Philadelphia, Pa. Wood stain. 2,122,895; July 5.
- Schuetz, Hermann, Mannheim, and C. Schoeller and M. Wittwer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of new high molecular sulphur-containing condensation products. 2,129,709; Sept. 13.
- Schuff, Walter. (See Tramm, H., Clar, Kühnel, and Schuff.)
- Schuffan, Paul, Holriegelskreuth, near Munich, and H. Ranke, Solln, near Munich, Germany. Method and apparatus for condensing liquids by freezing. 2,119,182; May 31.
- Schuh, Charles H., Ridgewood, assignor, by mesne assignments, to Bakelite Building Products Co., Inc., New York, N. Y. Forming a fibrous cement composition. 2,120,268; June 14.
- Schuhmann, Christian J., New York, N. Y. Snap lock buckle. 2,110,684; Mar. 8.
- Schuhmann, Hans, Berlin-Frohnau, Germany, assignor to General Electric Company. Making laminated material. 2,113,434; Apr. 5.
- Schulenburg, Edward J., Moline, Ill., assignor, by mesne assignments, to Eagle Signal Corporation, Newton, Mass. Signal control system. 2,141,046; Dec. 20.
- Schuler, Earl, et al. (See Jeffrey, Carl J., assignor.)
- Schuler, Elmer B., Lakewood, assignor to The Glidden Company, Cleveland, Ohio. Coating composition. 2,114,985; Apr. 19.
- Schuler, Francis J., assignor to Lewis Manufacturing Company, Los Angeles, Calif. Flushing device. 2,124,798; July 26.
- Schuler, John A., et al. (See Meyer, Leo J., assignor.)
- Schuler, L. A. G. (See Knüchel, Leo, assignor.)
- Schuler, William N., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Shipping container for film magazines. 2,129,447; Sept. 6.
- Schuller, Aladar, Remi-Gustaaf Tritsmans and S. Hendrix, assignors to Gevaert Photo Producten, N. V., Antwerp, Belgium. Treatment of cellulose esters. 2,119,116; May 31.
- Schuller, Aladar, Antwerp, and Remi-Gustaaf Tritsmans, Morselt, near Antwerp, assignors to Gevaert Photo Producten, N. V., Antwerp, Belgium. Treating cellulose. 2,119,117; May 31.
- Schüller, Hans E., Matzner, and A. Kailich, Vienna, Austria, assignors to United States Rubber Products, Inc., New York, N. Y. Method of and apparatus for manufacturing rubber threads. 2,124,636; July 26.
- Schüller, Hans E., Matzner, and A. Kailich, Vienna, Austria, assignors to United States Rubber Products, Inc., New York, N. Y. Production of caoutchouc threads. 2,124,637; July 26.
- Schüller, Otto. (See Brüning, H., and Schüller.)
- Schulman, Joseph, Brooklyn, N. Y. Bumper. 2,111,814; Mar. 22.
- Schulman, Joseph, New York, N. Y. Cooling system. 2,118,739; May 24.
- Schulte, Fritz, Berlin-Halensee, Germany. Automatic vending machine. 2,104,497; Jan. 4.
- Schulte, Fritz, Philadelphia, assignor to J. L. H. Hand, Bala-Cynwyd, Pa. Nautical instrument. 2,127,847; Aug. 23.
- Schulte, Johannes, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Gas and liquor treatment apparatus. 2,141,047; Dec. 20.
- Schulte, Max L., Ridgewood, N. J., assignor to The Rawlplug Company, Inc., New York, N. Y. Machine screw anchor. 2,120,577; June 14.
- Schulte, Milton R., West Orange, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Radio tube and the like. 2,115,691; Apr. 26.
- Schulte, Walter B., Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill. Treating zinc and product formed thereby. 2,121,412; June 21.
- Schultis, Carl T. (See Schindhelm, H., and Schultis.)
- Schultis, Carl T. (See Schindhelm, H., Schultis, Schrader, and Taube.)
- Schultz, Alfred S., New York, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Treatment of yeast. 2,136,399; Nov. 15.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 2,116,646; May 10.
- Schultz, Fayette C., Minneapolis, Minn. Combination trunk and trailer. 2,110,944; Mar. 15.
- Schultz, Ferdinand G., Mount Lebanon, Pa. Apparatus for making cores. 2,112,310; Mar. 29.
- Schultz, Frederick H. (See Harner, H. R., Schultz, and Ritchie.)
- Schultz, Fritz, Baldwin, N. Y. Drainage device. 2,121,613; June 21.
- Schultz, John A., Jr., deceased, and J. A. Zapf; M. T. Schultz, executrix of the estate of said Schultz, assignors to Schultz Machine Company, Toledo, Ohio. Casting metals. 2,108,080; Feb. 15.
- Schultz Machine Company. (See Schultz, J. A., Jr., and Zapf, assignors.)
- Schultz, Mary T., executrix. (See Schultz, John A., Jr., and Zapf.)
- Schultz, Michael C., Green Bay, Wis. Bread slicer guide. 2,104,278; Jan. 4.
- Schultz, Paul I., and J. J. Pelouch, assignors to The United States Air Compressor Company, Cleveland, Ohio. Dispensing device. 2,105,990; Jan. 18.
- Schultz, Paul I., and J. J. Pelouch, assignors to The United States Air Compressor Company, Cleveland, Ohio. Dispensing device. 2,105,991; Jan. 18.
- Schultz, Paul I., and J. J. Pelouch, assignors to The United States Air Compressor Company, Cleveland, Ohio. Control valve. 2,138,125; Nov. 29.
- Schultz, Raymond F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of constituents from organic complexes. 2,135,458; Nov. 1.
- Schultz, Richard A., Chicago, Ill. Antifriction bearing. 2,124,753; July 26.
- Schultz, Walter E. (See Hitsman, L. V., and Schultz.)
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Cut-out. 2,110,835; Mar. 8.
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Switch construction. 2,116,983; May 10.
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse link throwout device. 2,126,217; Aug. 9.
- Schultz, William O., South Milwaukee, and A. G. Steinhaym, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Cut-out. 2,104,933; Jan. 11.
- Schultz, William O., South Milwaukee, and A. G. Steinhaym, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Disconnecting fuse switch. 2,118,270; May 24.
- Schultz, William O., South Milwaukee, and C. W. Brown, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Fuse link throwout device. 2,126,215; Aug. 9.
- Schultz, William O., South Milwaukee, and C. W. Brown, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Fuse link expelling means. 2,126,216; Aug. 9.
- Schultz, William O., South Milwaukee, and A. G. Steinhaym, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,138,255; Nov. 29.
- Schultz, William O., South Milwaukee, and A. G. Steinhaym, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Electrical switch. 2,140,814; Dec. 20.



- Schultze, Paul, assignor to J. C. Doran, doing business as Doran Brothers, Danbury, Conn. Pouncing machine. 2,105,130; Jan. 11.
- Schultze, Paul, assignor to Doran Brothers, Danbury, Conn. Hat hanging iron. 2,119,246; May 31.
- Schultze, Paul, assignor to Doran Brothers, Danbury, Conn. Hat ironing machine. 2,119,362; May 31.
- Schultze, Paul, Rose Hill, Danbury, assignor to J. C. Doran, doing business as Doran Brothers, Incorporated, Danbury, Conn. Pouncing machine. 2,137,250; Nov. 22.
- Schulz, Arthur P. (See Teller, J., and Schulz.)
- Schulz, August R., Jr., St. Louis, Mo. Adjustable window scaffold. 2,126,218; Aug. 9.
- Schulz, Frank J., Rochester, N. Y. Tool for removing paint, varnish, lacquer, shellac, etc. 2,107,220; Feb. 1.
- Schulz, Hans H., London, England. Pump, syringe, and like appliance for surgical and medical and other purposes. 2,134,290; Oct. 25.
- Schulz, Hans H., London, England. Syringe. 2,134,291; Oct. 25.
- Schulz, Herman B., Chicago, Ill. Refining iron and steel. 2,120,298; June 14.
- Schulz, Hugo O., Grantwood, N. J. Automobile crib construction. 2,128,168; Aug. 23.
- Schulz, Joseph, Newark, assignor to F. J. and M. M. Mead, Orange, N. J. Burial vault cover. 2,126,219; Aug. 9.
- Schulz, Paul A., Webster Groves, Mo., assignor to United Drug Company, Boston, Mass. Catamenial tampon. 2,123,750; July 12.
- Schulz, Paul H., Moline, Ill. Transfer apparatus for printing presses. 2,132,998; Oct. 11.
- Schulz, Walter F. (See Auten, C. I., Snodgrass, and Schulz.)
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Metal barrel. 2,107,992; Feb. 8.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Dowel means for roadway expansion joints. 2,108,393; Feb. 15.
- Schulze, Edwin H., assignor to Stewart-Warner Corporation, Chicago, Ill. Speedometer drive for bicycles. 2,120,578; June 14.
- Schulze-Herringen, Erich, Braunschweig, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Controlling high frequency transmitters. 2,137,629; Nov. 22.
- Schulze, John E., assignor, by mesne assignments, to Red River Refining Company, Chicago, Ill. Manufacture of lubricating oils. 2,112,350; Mar. 29.
- Schulze, John F. W., Shaker Heights, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Agglomerating comminuted zinciferous materials. 2,131,074; Sept. 27.
- Schulze, Max. (See Virck, P., and Schulze.)
- Schulze, Rudolf, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Production of anhydrous magnesium carbonate. 2,131,524; Sept. 27.
- Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic material and producing same. 2,112,931; Apr. 5.
- Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of alkyl sulphur halides. 2,123,082; July 5.
- Schulze, Walter A., assignor to Phillips Petroleum Company, Bartlesville, Okla. Separating treating solutions from petroleum oils. 2,131,525; Sept. 27.
- Schulze, Werner. (See Knoll, M., Houtermans, and Schulze.)
- Schumacher, Elmer W., Southbridge, Mass. Optical means for increasing rear vision. 2,135,262; Nov. 1.
- Schumacher, Elroy F., North Olmsted, assignor to The Cleveland Formgrader Company, Cleveland, Ohio. Adjustable connection for tool heads and operating handles. 2,112,349; Mar. 29.
- Schumacher, Guy F., Elmhurst, assignor to American Flyer Manufacturing Company, Chicago, Ill. Air whistle and control means therefor. 2,123,664; July 12.
- Schumacher, Henry. (See Jones, G. L., Drake, and Schumacher.)
- Schumacher, William W., Detroit, Mich. Process and apparatus for laying concrete. 2,109,851; Mar. 1.
- Schumacher, Willy. (See Müller, F., Scherer, and Schumacher.)
- Schumacher, Willy. (See Müller, F., Schumacher, and Scherer.)
- Schumacher, Willy. (See Scherer, O., Schumacher, and Müller.)
- Schumacher, Willy, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. 2,6-dimethylnaphthalene-1-sulphonic acid and preparing it. 2,107,910; Feb. 8.
- Schumacher, Schumacher Metallwerke Aktiengesellschaft für Präzisionsmechanik. (See Offermanns, Wilhelm, assignor.)
- Schumacher, Schumacher Metallwerke Aktiengesellschaft für Präzisionsmechanik. (See Thyssen, Conrad, assignor.)
- Schuman, Edward F., Garfield Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Automatic stop for take-up blocks. 2,135,916; Nov. 8.
- Schuman, Moreland W., Los Angeles, Calif. Continuous selective hydrogenation of oil and removal of by-products. 2,111,573; Mar. 22.
- Schumann, Alfred F. (See Coulter, R. S., and Schumann.)
- Schumann, Frank E., Chicago, Ill. Seat or the like. 2,129,431; Sept. 6.
- Schummer, August, Giessen, and E. Trommsdorff, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparing anatomical casts of human and animal organs. 2,108,181; Feb. 15.
- Schunack, Johannes, Charlottenburg, near Berlin, assignor to the firm of Fernsch Aktiengesellschaft, Zehlendorf near Berlin, Germany. Detector output circuit. 2,137,545; Nov. 22.
- Schünemann, Heinrich, Berlin-Spandau, assignor to Hans Neuerburg, G. m. b. H., Cologne-on-the-Rhine, Germany. Air and moisture proof rip seal for packages. 2,120,629; June 14.
- Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Curtain box structure for car windows. 2,114,817; Apr. 19.
- Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Weather stripping structure for car windows. 2,114,818; Apr. 19.
- Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Curtain fixture structure. 2,134,292; Oct. 25.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Enhancing the wet-strength of papers. 2,116,544; May 10.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Multiple impregnation of compressible fibrous webs. 2,132,863; Oct. 11.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Multiple-coating or finishing. 2,135,151; Nov. 1.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of molded binder-reinforced fiber articles of pliant character. 2,136,826; Nov. 15.
- Schur, Milton O., assignor to Brown Company, Berlin, N. M. Manufacture of molded binder-reinforced, air-laid fiber articles. 2,136,827; Nov. 15.
- Schürch, Frida, and A. Ig, Zurich, Switzerland. Flatiron support. 2,122,354; June 28.
- Schuricht, Carl, Hollis, N. Y., assignor to M. R. Nydegger, Summit, N. J. Needle bed for knitting machines. 2,127,537; Aug. 23.
- Schürmann, Max O. (See Richter, A., Busch, and Schürmann.)
- Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Measuring apparatus. 2,108,414; Feb. 15.
- Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Method of and apparatus for finishing helical surfaces. 2,122,803; July 5.
- Schuster, Curt, and H. Krzikalla, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of partially hydrogenated hydroxy compounds. 2,132,193; Oct. 4.
- Schuster, Fritz, Chemnitz, Germany. Matting process. 2,107,960; Feb. 8.
- Schuster, Fritz, Chemnitz, Germany. Apparatus for treating textile goods and more particularly stockings which are mounted on moving forms. 2,114,432; Apr. 19.
- Schuster, Hans, Immigrath, on-the-Lower Rhine, Germany. Manufacturing circular sheet metal disks. 2,137,099; Nov. 15.
- Schuster, Hans, Immigrath, Germany. Rolling mill. 2,137,100; Nov. 15.
- Schuster, William J., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Air cooled die-holder. 2,119,516; June 7.
- Schuster, William J., Cleveland, Ohio, assignor to The American Steel and Wire Company. Die-holder. 2,132,581; Oct. 11.
- Schutt, Hermann C., North Tarrytown, N. Y., assignor, by mesne assignments, to The Pure Oil Company, Chicago, Ill. Converting hydrocarbons. 2,117,457; May 17.
- Schutte, August E., Northboro, Mass., assignor to A. B. Dick Company, Chicago, Ill. Duplicating. 2,140,482; Dec. 13.
- Schutte, August E., Northboro, Mass., assignor to A. B. Dick Company, Chicago, Ill. Stencil. 2,140,483; Dec. 13.
- Schutte, Charles F., Buffalo, N. Y. Feed table for grinding mills. 2,133,211; Oct. 11.
- Schutte, Charles F., and H. D., assignors of one-quarter to N. D. Schutte, Snyder, N. Y. Hammer assembly. 2,133,212; Oct. 11.
- Schutte, Ernest O., Chicago, Ill. Atomizer head. 2,131,455; Sept. 27.
- Schutte, Herman D. (See Schutte, Charles F. and H. D.)
- Schutte and Koerting Company. (See Boehm, Frederick, assignor.)
- Schutte & Koerting Co. (See Fischer, A. K., and Petsche, assignors.)
- Schutte, Nellie D. (See Schutte, Charles F. and H. D., assignors.)
- Schutte, William J., Paterson, N. J. Cutting attachment. 2,118,740; May 24.
- Schuttenberg, Elmer H., Cleveland, Ohio. Attachment for clocks. 2,132,051; Oct. 4.



- Schüttler, Paul, Berlin-Charlottenburg, assignor to Pallas Apparate G. m. b. H., Berlin, Germany. Fuel regulator for carburetors. 2,141,365; Dec. 27.
- Schutz, Adolph, Wurzen, Germany, assignor, by mesne assignments, to International Carbonic Engineering Company, Wilmington, Del. Press apparatus for solid carbon dioxide and the like. 2,120,943; June 14.
- Schutz, Harold R., Toledo, Ohio, assignor to Libbey Glass Company. Stenciling apparatus. 2,113,605; Apr. 12.
- Schutz, Harold R., Toledo, Ohio, assignor to Libbey Glass Company. Stenciling apparatus. 2,114,321; Apr. 19.
- Schutz, Harold R., Ottawa Hills, assignor, by mesne assignments, to Libbey Glass Company, Toledo, Ohio. Banding machine. 2,134,739; Nov. 1.
- Schütz, Karl. (See Zerweck, W., and Schütz.)
- Schuyler, Andrew L., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing keys. 2,105,099; Jan. 11.
- Schuyler, Andrew L., assignor to Western Electric Company, Incorporated, New York, N. Y. Lock parts and forming them. 2,114,033; Apr. 12.
- Schuyler, Andrew L., La Grange, and A. R. MacLagan, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Lock parts and forming them. 2,114,032; Apr. 12.
- Schuyler, Andrew L., La Grange, R. B. Knott, Chicago, and A. R. MacLagan, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Lock center and forming it. 2,118,948; May 31.
- Schuyler, Wilton S., Springfield, Ohio. Filtering funnel. 2,138,256; Nov. 29.
- Schwab, Frederick W., San Francisco, Calif. Interest calculating machine. 2,141,048; Dec. 20.
- Schwab, Robert H., Sacramento, Calif. Tie press. 2,119,603; June 7.
- Schwab, Robert W., Jr., and W. P. Rucker, assignors to Southern Spring Bed Company, Atlanta, Ga. Sofa bed. 2,136,320; Nov. 8.
- Schwab, Victor. (See Brenner, M. L., and Schwab.)
- Schwabacher, Gerhard P., Bridgeport, Conn., assignor to General Electric Company. Cable clamp. 2,137,858; Nov. 22.
- Schwabe, Emil, Buenos Aires, Argentina, assignor to American Hyasol Corporation, Wilmington, Del. Ink compositions. 2,135,735; Nov. 8.
- Schwabenlender, Mathias, Hilbert, Wis. Grease gun filler. 2,131,860; Oct. 4.
- Schwager, August C., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. High tension switch. 2,141,846; Dec. 27.
- Schwager, August C., and P. Frehner, assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Automatic reclosing circuit breaker. 2,125,465; Aug. 2.
- Schwager, Henry A. (See Crawford, J. M., and Schwager.)
- Schwaiger, Karl, Gaggenau/Baden, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Cooling arrangement for internal combustion engines. 2,120,004; June 7.
- Schwalb, Jakob. (See Göhre, Schwalb and Speichert.)
- Schwalbe, Franz G., assignor to The Frango Company, Toledo, Ohio. Burner. 2,131,977; Oct. 4.
- Schwamberger, Emil. (See Scheyer, H., and Schwamberger.)
- Schwane, Charles H., Scottsbluff, Nebr. Eye treatments. 2,130,474; Sept. 20.
- Schwarcan, Alexander, assignor to Spencer Kellogg and Sons, Inc., Buffalo, N. Y. Production of synthetic drying oils. 2,140,271; Dec. 13.
- Schwarte, Georg. (See Jahrstorfer, M., and Schwarte.)
- Schwartz, Charles, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Treatment of milk and milk preparations. 2,135,054; Nov. 1.
- Schwartz, Erich. (See Ruska, E., and Schwartz.)
- Schwartz, Erich, Berlin, assignor to firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. High-vacuum cathode ray tube. 2,123,636; July 12.
- Schwartz, Erich, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Braun tube. 2,134,267; Oct. 25.
- Schwartz, Eugene, assignor to Ketterlinus Lithographic Manufacturing Company, Philadelphia, Pa. Display device. 2,135,601; Nov. 8.
- Schwartz, Ferdinand F., assignor, by mesne assignments, to Cela Holding S. A., Paris, France. Manufacture of a product simulating leather. 2,109,911; Mar. 1.
- Schwartz, Ferdinand F., Paris, France, assignor to Cela Holding S. A., Luxembourg, Luxembourg. Vulcanizing latex. 2,120,579; June 14.
- Schwartz, Francis H. (See Soss, J., and Schwartz.)
- Schwartz, Fred J., Toledo, Ohio. Draper hanger. 2,106,438; Jan. 25.
- Schwartz, George L. (See Arvin, J. A., and Schwartz.)
- Schwartz, George L. (See Larson, L. L., and Schwartz.)
- Schwartz, Harry, et al. (See Segal, Samuel, assignor.)
- Schwartz, Harvey A., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Treatment of textile materials. 2,105,509; Jan. 18.
- Schwartz, Henry W., Marl, Tex. Combination door hinge and control. 2,122,327; Jan. 28.
- Schwartz, Joseph, Philadelphia, Pa., and A. Ackley, Camden, N. J., assignors to Westcott & Thomson, Inc., Philadelphia, Pa. Method of and apparatus for making printing plates. 2,110,420; Mar. 8.
- Schwartz, Morris, Brooklyn, N. Y. Flashlight and shutter operating device for cameras. 2,117,509; May 17.
- Schwartz, Morris, Brooklyn, N. Y. Camera attachment. 2,117,510; May 17.
- Schwartz, Morris, assignor to Barrel Fitting & Seal Corporation of America, Chicago, Ill. Applying tool for container closures. 2,113,257; Apr. 5.
- Schwartz, Morris, assignor to Barrel Fitting & Seal Corporation of America, Chicago, Ill. Forming bushing structures. 2,131,978; Oct. 4.
- Schwartz, Morris A., Los Angeles, Calif. Centrifugal vacuum pump. 2,104,246; Jan. 4.
- Schwartz, Nathan, New York, N. Y. Filter for filter type respirators. 2,106,257; Jan. 25.
- Schwartz, Nathan, New York, N. Y. Respirator. 2,111,995; Mar. 22.
- Schwartz, Nathan, New York, N. Y. Filter type respirator. 2,112,213; Mar. 22.
- Schwartz, Nathan, New York, N. Y. Filter type respirator. 2,114,358; Apr. 19.
- Schwartz, Nathan, New York, N. Y. Filter type respirator. 2,139,137; Dec. 6.
- Schwartz, Nathan, Upper Darby, Pa. Knitted fabric. 2,139,607; Dec. 6.
- Schwartz, Philip J. (See Hackworth, A. (assignor), and Greive.)
- Schwartz, Robert D., Devon, W. W. Moe and L. J. Hartley, Bridgeport, Conn., assignors to General Electric Company. Frequency meter. 2,137,859; Nov. 22.
- Schwartz, Russell P., Rochester, N. Y. Machine for copying contours. 2,111,815; Mar. 22.
- Schwartz, Seymour E. and S. E., New York, N. Y. Tongue pad. 2,139,858; Dec. 13.
- Schwartz, Solomon E. (See Schwartz, Seymour E. and S. E.)
- Schwartz, Walter M., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Drain for hosiery form. 2,136,526; Nov. 15.
- Schwartzman, Isidor W., assignor to Protex Products Company, Jersey City, N. J. Garment form. 2,115,685; Apr. 26.
- Schwartzwalder, Karl. (See McDougal, T. G., Fessler, and Schwartzwalder.)
- Schwartzwalder, Karl, Flint, assignor to General Motors Corporation, Detroit, Mich. Refractory body and making same. 2,122,960; July 5.
- Schwartzwalder, Karl, and W. S. Kirk, Flint, assignors to General Motors Corporation, Detroit, Mich. Sealing composition, method of using same, and articles made therewith. 2,106,578; Jan. 25.
- Schwarz, Alfred, Montclair, N. J. Cylinder head for internal combustion engines. 2,139,977; Dec. 13.
- Schwarz, Alfred, Montclair, N. J., assignor to The Economy Engineering Corporation, New York, N. Y. Cylinder head for internal combustion engines. 2,139,978; Dec. 13.
- Schwarz, Benno, Düsseldorf-Obercassel, Germany. Improving the commutation of commutator motors. 2,112,506; Mar. 29.
- Schwarz, Eugene D., Loraine, Tex. Stalk chopper. 2,118,363; May 24.
- Schwarz, Gustav, G. m. b. H. (See Grabarse, M., and Hoffmann, assignors.)
- Schwarz, Harvey G., Seattle, Wash., assignor to B. B. Pelly. Aluminum alloy and making the same, piston and piston ring formed from said alloy. 2,131,076; Sept. 27.
- Schwarz, Karl, assignor to Klangfilm G. m. b. H., Berlin, Germany. Sound recording device. 2,104,170; Jan. 4.
- Schwarz, Karl, assignor to Klangfilm G. m. b. H., Berlin, Germany. Reproduction of sound records. 2,109,754; Mar. 1.
- Schwarz, Karl, assignor, by mesne assignments, to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Visual indicator for tuning means. 2,116,217; May 3.
- Schwarz, Otto, assignor to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism. 2,140,557; Dec. 20.
- Schwarz, Philipp, Wuppertal-Barmen, Germany. Photographic roll film spool. 2,110,028; Mar. 1.
- Schwarz, Theodor A. (See Pape, C. B., Thayer, and Schwarz.)
- Schwarze, Bruce H., administrator. (See Schwarze, Herman.)
- Schwarze, Bruce H., Flint, assignor to General Motors Corporation, Detroit, Mich. Electrically operated gauge. 2,139,386; Dec. 6.
- Schwarze, Bruce H., and R. H. Bigler, Flint, assignors to General Motors Corporation, Detroit, Mich. Electric thermogaugedash unit. 2,139,385; Dec. 6.
- Schwarze Electric Company. (See Von Volgtlander, Frederick, assignor.)
- Schwarze, Herman, deceased, Pontiac, by B. H. Schwarze, administrator, Birmingham, assignor to General Motors Corporation, Detroit, Mich. Ignition starter control. 2,111,671; June 21.
- Schwarze, Paul, St. Gallen, Switzerland, assignor to Technik und Investment Aktiengesellschaft, Vaduz, Lichtenstein. Carding, cleaning, opening, and like machine for textile fibers. 2,139,859; Dec. 13.



- Schwarze, Paul, St. Gallen, Switzerland, and R. Setzer, Obermenzing, near Munich, Germany, assignors to Technik und Investment Aktiengesellschaft, Vaduz, Liechtenstein. Grid used in machines for opening, cleaning, carding, and like treatment of textile fibers. 2,127,049; Aug. 16.
- Schwarzer, Fritz, Berlin-Schöneberg, Germany. Stepwise tuning of electric circuits. 2,122,183; June 28.
- Schwarzkopf, Hans H., Reutte, Austria, assignor to N. V. Molybdenum Comp., Amsterdam, Netherlands. Alloys for electrical contacts and electrodes. 2,116,252; May 3.
- Schwarzkopf, Hans H., Reutte/Tirol, Austria, assignor to N. V. Molybdenum Comp., Amsterdam, Netherlands. Alloy. 2,119,965; June 7.
- Schwarzkopf, Paul, Reutte, Austria. Electrical heating element. 2,105,166; Jan. 11.
- Schwarzkopf, Paul, Reutte, Austria, assignor to The American Cutting Alloys, Inc., New York, N. Y. Hard metal alloy, especially for tools. 2,122,157; June 28.
- Schwarzler, Albert J., New York, N. Y. Mold for concrete walls or the like. 2,107,427; Feb. 8.
- Schwarzler, Karl, Warnemünde, Germany. Safety device for aeroplanes. 2,125,361; Aug. 2.
- Schwarzmayr, Ludwig, San Francisco, Calif. Wound drain-strip. 2,134,152; Oct. 25.
- Schwebs, Kent, Hortonville, Wis. Refrigerator freight car. 2,136,894; Nov. 15.
- Schweickart, William M., Ramsey, N. J., assignor to H. M. Brooks, New York, N. Y., W. T. Gardiner, Boston, Mass., and J. H. Nissley, Manheim, Pa., as trustee. Stoker. 2,124,317; July 19.
- Schweiger, Mitchell F. (See Morton, V. W., and Schweiger.)
- Schweimer, Klaus P., Berlin-Grünwald, assignor to Allgemeine Elektrizitäts Gesellschaft, Berlin, Germany. Circuit arrangement for carrier current telephone supply sources. 2,136,639; Nov. 15.
- Schweiso, Clifford C., assignor to O. B. McClintock Company, Minneapolis, Minn. Thermometer. 2,106,507; Jan. 25.
- Schweiss, Joseph, assignor to Carter Carburetor Corporation, St. Louis, Mo. Accelerating pump. 2,139,387; Dec. 6.
- Schweisthal, Fred G., and W. S. Hansen, assignors to Stewart-Warner Corporation, Chicago, Ill. Testing and calibrating machine. 2,127,272; Aug. 16.
- Schweitzer & Conrad, Inc. (See Beckett, K. C., and Lindell, assignors.)
- Schweitzer & Conrad, Inc. (See Conrad, Nicholas J., assignor.)
- Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)
- Schweitzer & Conrad, Inc. (See Triplett, H. A., and Lindell, assignors.)
- Schweitzer, Edmund O., Northbrook, Ill. Electric cooking system. 2,118,116; May 24.
- Schweitzer, Edmund O., Jr., Northbrook, Ill. Current interrupting means. 2,122,872; July 5.
- Schweitzer, Edmund O., Jr., Northbrook, Ill. Circuit breaker. 2,138,284; Nov. 29.
- Schweitzer, Frank J., assignor of one-half to W. D. Shaffer, Brea, Calif. Lubricated, split ring, stopcock. 2,104,056; Jan. 4.
- Schweitzer, Hugo, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,133,671; Oct. 18.
- Schweitzer, Otto E., Höchst-on-the-Main, Germany, assignor, by mesne assignments, to Revertex Limited, London, England. Concentrating or enriching rubber latex. 2,138,073; Nov. 29.
- Schweizer, Alfred, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Speed governor for injection internal combustion engines. 2,132,445; Oct. 11.
- Schweizer, Alfred, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Speed governing apparatus for injection internal combustion engines. 2,132,446; Oct. 11.
- Schweizerische Industrie-Gesellschaft. (See End, Gottard, assignor.)
- Schweizerische Lokomotiv- und Maschinenfabrik. (See Nyffenegger, Hans, assignor.)
- Schweizerische Lokomotiv- und Maschinenfabrik. (See Portmann, August, assignor.)
- Schweizerische Lokomotiv- und Maschinenfabrik. (See Weber, Fritz J., assignor.)
- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,548; Jan. 4.
- Schweller, Edmund F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,116,914; May 10.
- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,139,521; Dec. 6.
- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,141,255; Dec. 27.
- Schweller, Sylvester M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,115,321; Apr. 26.
- Schweller, Sylvester M., Dayton, Ohio, and E. H. Schilling; said Schilling assignor to Peerless Wire Goods Co., Inc., La Fayette, Ind., and said Schweller assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,109,052; Feb. 22.
- Schwemlein, William, assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Derrick structure. 2,120,224; June 7.
- Schwemlein, William, and S. B. Settle, assignors to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Gin pole for derricks. 2,105,865; Jan. 18.
- Schwen, Gustav. (See Schoeller, C., Schwen, and Kraemer.)
- Schwendeman, Joseph R., Moorhead, Minn. Educational device. 2,139,860; Dec. 13.
- Schwenden, Carl A. (See Seaman, R. H., and Schwenden.)
- Schwendler, Richard S. (See Rumbarger, J. C., and Schwendler.)
- Schwenk, Erwin, New York, N. Y., M. Gehrke, Birkenwerder, near Berlin, and F. Hildebrandt, Hohen Neuendorf, near Berlin, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Purifying crude extracts of the germinal gland hormones and isolating the latter therefrom. 2,106,763; Feb. 1.
- Schwenke, Victor G., assignor to Briggs Manufacturing Company, Detroit, Mich. Applying abrading disks to grinding or polishing machines. 2,127,703; Aug. 23.
- Schwenker, Paul, Altenburg, Thuringia, Germany. Last for orthopedic shoes. 2,134,209; Oct. 25.
- Schwensen, Louis C., and E. Johnson, Brooklyn, N. Y. Sound deafening supporting means for floors. 2,131,485; Sept. 27.
- Schwentler, Francis E., St. Louis, Mo., assignor to The American Brake Company, Wilmerding, Pa. Automatic slack adjuster. 2,109,036; Feb. 22.
- Schwentler, Francis E., St. Louis, Mo., assignor to The American Brake Company, Wilmerding, Pa. Automatic slack adjuster. 2,109,037; Feb. 22.
- Schwentler, Francis E., St. Louis, Mo., assignor to The American Brake Company, Wilmerding, Pa. Automatic slack adjuster. 2,112,817; Mar. 29.
- Schwentler, Francis E., assignor to The American Brake Company, St. Louis, Mo. Unit brake structure. 2,118,236; May 24.
- Schwerdt, Hermann. (See Radice, P., and Schwerdt.)
- Schwerin, Frank H., Bellevue, assignor to The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Range target. 2,104,171; Jan. 4.
- Schwieger, Albert, Hamburg, Germany, assignor to American Lecithin Company, Cleveland, Ohio. Acid phosphate emulsion. 2,115,088; Apr. 26.
- Schwinn, Frank W., Chicago, Ill. Metal wheel rim. 2,126,222; Aug. 9.
- Schwinn, Frank W., Chicago, Ill. Metal wheel rim. 2,126,223; Aug. 9.
- Schwinn, Frederick S., Houston, Tex. Railway tie plate and retaining clip. 2,107,131; Feb. 1.
- Schwister, Anton J., Greenfield, Mass., assignor to Greenfield Tap and Die Corporation. Pipe cleaner. 2,135,679; Nov. 8.
- Schwitzer-Cummins Company. (See Roland, John, assignor.)
- Sciaky, David, Paris, France. Machine for the electric welding of tubes. 2,136,059; Nov. 8.
- Scientific Engineering Corporation. (See McMurry, W. F., and Phillips, assignors.)
- Scilla, Anthony, Montclair, N. J. Hydrant appliance. 2,116,770; May 10.
- Scofee, M. O. (See Nixon, Irvin E., assignor.)
- Scofield, Edgar, New York, assignor to Anchor Cap & Closure Corporation, Long Island, N. Y. Two-piece ketchup cap. 2,130,746; Sept. 20.
- Scofield, Theodore J. (See Seeley, S. W., and Scofield.)
- Scofield, Theodore J. (See Sparks, W., Scofield, and Winchell.)
- Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Gas discharge tuning indicator. 2,120,955; June 14.
- Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Windshield cleaner. 2,121,266; June 21.
- Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Windshield cleaner motor. 2,138,212; Nov. 29.
- Scofield, Theodore J., and A. B. Winchell, assignors to The Sparks-Withington Company, Jackson, Mich. Windshield cleaner arm attachment. 2,136,909; Nov. 15.
- Scollon, Oliver T. (See Bradford, C., and Scollon.)
- Scophony Limited, The. (See Jeffree, John H., assignor.)
- Scophony Limited. (See Walton, George W., assignor.)
- Score Corporation Limited. (See Bronstein, David E., assignor.)
- Scotcher, Arthur W., Nutley, assignor to R. M. Stalker, Bogota, N. J. Carton. 2,135,678; Nov. 8.
- Scott, Albert B., Los Angeles, Calif. Cooling system for projection machines. 2,120,005; June 7.
- Scott, Albert B., assignor to S. C. K. Corporation, Los Angeles, Calif. Automobile lamp. 2,140,855; Dec. 20.
- Scott, Alexander A., Jr., assignor to The Patent Button Company of Tennessee, Townsend, Tenn. Button making machine. 2,133,906; Oct. 18.
- Scott, Ashton T. (See Ayres, A. U., and Scott.)
- Scott, Ashton T. (See Brown, C. R., and Scott.)
- Scott, Charles H., Queens Village, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation apparatus (automatic lifting arm). 2,122,383; June 28.



- Scott, Charles H., Queens Village, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation apparatus. 2,122,384; June 28.
- Scott, Charles H., Queens Village, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation apparatus (long and short torque arms). 2,122,385; June 28.
- Scott, Clyde, Newark, N. J. Applying films made from viscose to paper and the like. 2,104,057; Jan. 4.
- Scott, Clyde, Newark, N. J. Apparatus for casting films. 2,115,044; Apr. 26.
- Scott, David J., executor. (See Scott, Walter J.)
- Scott, David J., assignor to D. J. Scott, executor of the estate of W. Scott, doing business as Walter Scott & Company, Plainfield, N. J. Paper roll and splicing to expiring web. 2,104,774; Jan. 11.
- Scott, Douglas E., Chagrin Falls, assignor to The Chase Bag Company, Cleveland, Ohio. Valve bag. 2,105,376; Jan. 11.
- Scott, Ephraim J., Forest Hills, Mass., assignor to C. C. H. Thomas. Apparatus for treating materials. 2,106,329; Jan. 25.
- Scott & Fetzer Company, The. (See Pardee, Lloyd W., assignor.)
- Scott, Floyd L., Houston, Tex. Three-cutter drill. 2,104,820; Jan. 11.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Drill cutter. 2,104,822; Jan. 11.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Drill stem coupling. 2,122,757; July 5.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Cutter support for roller drills. 2,122,758; July 5.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Drill cutter. 2,122,759; July 5.
- Scott, Floyd L., and N. B. Berleth, Houston, Tex. Cross roller bit. 2,104,821; Jan. 11.
- Scott, Floyd L., and R. P. Sherman, assignors to Hughes Tool Company, Houston, Tex. Yieldable pipe wrench. 2,122,760; July 5.
- Scott, Francis E. (See Otto, W., and Scott.)
- Scott, Frederick S. (See Beckwith, L. B., and Scott.)
- Scott, George R., et al. (See Graves, Grover C., assignor.)
- Scott, George R., Norfolk, Va., assignor, by mesne assignments, to Michigan Tool Company. Cutting tool. 2,124,126; July 19.
- Scott, George W., Providence, R. I., assignor to Tobe Deutschmann Corporation, Canton, Mass. Winding machine. 2,119,445; May 31.
- Scott, Gordon A. (See Challenor, W. A. P., and Scott.)
- Scott, Harold V., Detroit, Mich. Electrical refrigerator shelf. 2,142,008; Dec. 27.
- Scott, Henry, New York, N. Y. Finger exercising device. 2,108,236; Feb. 15.
- Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Coating containers. 2,133,213; Oct. 11.
- Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Coating apparatus. 2,133,214; Oct. 11.
- Scott, Herbert J., Oakland, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetron oscillator. 2,122,495; July 5.
- Scott-Iversen, Poul A., Copenhagen, Denmark. Epicyclic transmission gear. 2,113,479; Apr. 5.
- Scott, James A., Arcadia, assignor of two-fifths to J. W. Nowlin, Tallahassee, and one-fifth to E. S. Davies, Tampa, Fla. Selective clutch transmission for multiple motor drives. 2,124,833; July 26.
- Scott, John A., St. Louis, Mo. Machine for applying reinforcing fabric to inner soles. 2,130,816; Sept. 20.
- Scott, Kenneth D. (See Howard, E. A., and Scott.)
- Scott, Leslie E., and E. A. Smith, San Jose, Calif. Refrigerating apparatus. 2,107,088; Feb. 1.
- Scott, Lewis L., St. Louis, Mo. Gas burner. 2,113,001; Apr. 5.
- Scott, Lewis L., St. Louis, Mo. Oil furnace. 2,117,511; May 17.
- Scott, Lewis L., St. Louis, Mo. Oil burner. 2,117,512; May 17.
- Scott, Lewis L., St. Louis, Mo. Cooling and ventilating. 2,118,949; May 31.
- Scott, Lewis L., St. Louis, Mo. Draft regulator and relief door. 2,125,466; Aug. 2.
- Scott, Lloyd N., assignor to Research Corporation, New York, N. Y. Electrical precipitation. 2,119,297; May 31.
- Scott, Lloyd H., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magnetogenerator. 2,129,633; Sept. 6.
- Scott, Lloyd H., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition system for internal combustion engines. 2,131,018; Sept. 20.
- Scott, Louis F., assignor to The J. G. Brill Company, Philadelphia, Pa. Folding seat. 2,116,366; May 3.
- Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting hydrocarbons with alkali metals. 2,119,493; May 31.
- Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting alkali metals with aromatic hydrocarbons. 2,125,401; Aug. 2.
- Scott, Norman D., and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenated products. 2,108,213; Feb. 15.
- Scott, Norman D., Sanborn, and V. L. Hansley, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of abietic alcohol. 2,113,243; Apr. 5.
- Scott Paper Company. (See Corbin, Wesley S., assignor.)
- Scott Paper Company. (See Parsons, Philip D., assignor.)
- Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Atomizing valve. 2,119,966; June 7.
- Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Piston valve atomizer. 2,121,102; June 21.
- Scott, Philip L., San Mateo, Calif., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Injector. 2,140,600; Dec. 20.
- Scott, Ray W., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Switch. 2,118,528; May 24.
- Scott, Richard C. (See Nichols, H. E., and Scott.)
- Scott, Richard H. (See Billington, J. E., and Scott.)
- Scott, Richard H., Enfield, assignor to Linotype and Machinery Limited, London, England. Changing the magazines of typographical composing machines. 2,117,576; May 17.
- Scott, Samuel S. (See Crecca, J. D., and Scott.)
- Scott, Thomas A. (See Roberts, D., Scott, and Peel.)
- Scott, Virgil. (See Whiles, Aubrey C., assignor.)
- Scott, Walter C., Plainfield, N. J. Speed control system. 2,119,247; May 31.
- Scott, Walter C., Plainfield, N. J. Printing or other machine. 2,120,714; June 14.
- Scott, Walter & Company. (See Scott, David J.)
- Scott, Walter J., Washington County, Ore. Amalgamator. 2,140,142; Dec. 13.
- Scott, William M., Jr., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Bus bar assembly. 2,122,298; June 28.
- Scott, William M., Jr., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electrical conductor. 2,138,617; Nov. 29.
- Scott & Williams, Incorporated. (See Grothey, Ivan W., assignor.)
- Scott & Williams, Incorporated. (See Page, Albert E., assignor.)
- Scott & Williams, Incorporated. (See Page, Albert E. and F. R., assignors.)
- Scott & Williams, Incorporated. (See Pass, Arthur, assignor.)
- Scott & Williams, Incorporated. (See Scholz, Walter W., assignor.)
- Scott & Williams, Incorporated. (See Sheppard, Harry N., assignor.)
- Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,126,670; Aug. 9.
- Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preserving rubber. 2,133,791; Oct. 18.
- Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing urea derivatives. 2,140,272; Dec. 13.
- Scovill Manufacturing Company. (See Bares, Bohumi, assignor.)
- Scovill Manufacturing Company. (See Barlow, William H., assignor.)
- Scovill Manufacturing Company. (See Clo, Jay H., assignor.)
- Scovill Manufacturing Company. (See Dews, Joseph W., assignor.)
- Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)
- Scovill Manufacturing Company. (See Hoffman, Allan C., assignor.)
- Scovill Manufacturing Company. (See Huelster, Otto J., assignor.)
- Scovill Manufacturing Company. (See Johnston, Harold F., assignor.)
- Scovill Manufacturing Company. (See Johnston, H. F., and Tompkins, assignors.)
- Scovill Manufacturing Company. (See Lusher, Albert C., assignor.)
- Scovill Manufacturing Company. (See Lusher, A. C., and Spender, assignors.)
- Scovill Manufacturing Company. (See Nielsen, Emanuel, assignor.)
- Scovill Manufacturing Company. (See Nielsen, E., and Partz, assignors.)
- Scovill Manufacturing Company. (See Nielsen, Emanuel, assignor.)
- Scovill Manufacturing Company. (See Rexroad, Schuyler O., assignor.)
- Scovill Manufacturing Company. (See Root, L. P., and Kithorin, assignors.)
- Scovill Manufacturing Company. (See Scholtes, Albert J., assignor.)
- Scovill Manufacturing Company. (See Tompkins, E. H., and Hollihan, assignors.)
- Scovill Manufacturing Company. (See Tompkins, E. H., and Tobler, assignors.)
- Scovill Manufacturing Company. (See Wahl, John, assignor.)



- Seovill Manufacturing Company. (See Williams, Selden T., assignor.)
- Scauth, Walther, Berlin-Dahlem, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Vulcanizing rubber. 2,133,116; Oct. 11.
- Scriba, John M., assignor to Midland Wire & Metal Products, Chicago, Ill. Display and dispensing rack. 2,111,496; Mar. 15.
- Scribner, Fred H., Easthampton, N. Y. Handkerchief holder. 2,125,362; Aug. 2.
- Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing cage. 2,105,013; Jan. 11.
- Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Segmental bearing. 2,109,852; Mar. 1.
- Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,114,986; Apr. 19.
- Scripture, Edward W., Jr., Shaker Heights, assignor to The Master Builders Company, Cleveland, Ohio. Hardening and waterproofing composition for concrete or mortar. 2,127,451; Aug. 16.
- Scrivener, Arthur, Birmingham, England. Grinding machine. 2,122,184; June 28.
- Scrivener, Arthur, Birmingham, England. Shaping the operative surfaces of grinding wheels. 2,135,202; Nov. 1.
- Scrivener, Samuel, Jr. (See Troendly, Harry P., assignor.)
- Scruggs, Joseph A., Pensacola, Fla. Boat. 2,129,788; Sept. 13.
- Scruggs, Loyd. (See Alm, Karl M., assignor.)
- Scruggs, Loyd, University City, Mo. Control switch for electrically operated devices. 2,119,220; May 31.
- Scudder, Charles J., and E. M. Jenkins, Scranton, Pa. Steel car construction. 2,136,321; Nov. 8.
- Scudder, Mason, assignor to Rawlings Manufacturing Company, St. Louis, Mo. Making an inflatable ball equipped with an outer cover. 2,126,220; Aug. 9.
- Scuderi, Benedict, Bayonne, N. J., and C. Callari, New York, N. Y. Covering metal buckles and the like. 2,133,482; Oct. 18.
- Scullari, Angelo, and G. Loccisano, Brooklyn, N. Y. Spray gun. 2,127,189; Aug. 16.
- Scully, Frank P., et al., trustees. (See Robbins, Walter C., assignor.)
- Scully, Frank P., Cambridge, and A. E. Mathey, Auburn-dale, assignors to Scully Signal Company, Cambridge, Mass. Audible signal device. 2,140,559; Dec. 20.
- Scully-Jones & Company. (See Rosenberg, Benjamin F., assignor.)
- Scully, Rees T., and W. S. Lang, Pittsburgh, Pa. Brush forming apparatus. 2,105,334; Jan. 11.
- Scully Signal Company. (See Mathey, Alcide E., assignor.)
- Scully Signal Company. (See Scully, F. P., and Mathey, assignors.)
- Scurlock, Lewis H., Chicago, Ill. Juice extractor. 2,109,653; Mar. 1.
- Scurlock, Lewis H., Chicago, Ill. Container cover construction. 2,110,921; Mar. 15.
- Scurlock, Lewis H., Chicago, Ill. Refrigerator. 2,115,343; Apr. 26.
- Scutt, Arthur G. (See Ball, A. L., and Scutt.)
- Scutt, Arthur G., Niagara Falls, and A. L. Ball, Lewiston Heights, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Abrasive wheel and making the same. 2,117,513; May 17.
- Seaberg, Carl H., Stratford, Conn., assignor to General Electric Company. Electric cable. 2,111,409; Mar. 15.
- Seaboard Oil Company of Delaware, et al. (See Vaughan, William H., assignor.)
- Seaborne, Charles R., Appleton, Wis. Beater for paper stock. 2,129,789; Sept. 13.
- Seacat, Lester G. (See Flick, Z. E., Price, and Seacat.)
- Seacord, Kenneth P., New York, N. Y. Shirt. 2,110,580; Mar. 8.
- Seagrave Corporation, The. (See Havens, Homer M., assignor.)
- Sea Gull Lubricants, Inc. (See Wilkey, John E., assignor.)
- Séailles, Jean C., Paris, France. Manufacturing alumina. 2,140,883; Dec. 20.
- Seal, Stanley, Flemington, N. J. Dipper shovel tooth. 2,134,344; Oct. 25.
- Sealand Corporation, The. (See Lindsey, William D., assignor.)
- Sealcell Corporation. (See Breuchaud, Jules R., assignor.)
- Sealed Power Corporation. (See Ballard, John H., assignor.)
- Sealed Power Corporation. (See Nixon, Stuart, assignor.)
- Sealkote Corporation. (See Humphries, Chad H., assignor.)
- Sealkote Corporation. (See Lauter, Felix, assignor.)
- Sealtest System Laboratories, Inc. (See Hammer, B. W., Horneman, and Parker, assignors.)
- Sealtest System Laboratories, Inc. (See Hammer, B. W., Horneman, Quam, Lockwood, Beery, and Parker, assignors.)
- Sealtest System Laboratories, Inc. (See Myers, R. P., and Weisberg, assignors.)
- Seaman, Charles, Jamaica Estates, N. Y. Scallop device. 2,113,948; Apr. 12.
- Seaman, Charles, Jamaica Estates, N. Y. Apparatus and method for making concealed edge trimming. 2,113,949; Apr. 12.
- Seaman, Charles, Jamaica Estates, N. Y. Method and apparatus for making trimming. 2,113,950; Apr. 12.
- Seaman, Charles, Jamaica Estates, N. Y. Sewing machine. 2,125,652; Aug. 2.
- Seaman, Charles, Jamaica Estates, N. Y. Apparatus for forming blind stitched facings. 2,130,198; Sept. 13.
- Seaman, Duncan R., Detroit, Mich., assignor to Seaman Paper Company, Chicago, Ill. Insulating unit. 2,116,771; May 10.
- Seaman, Joseph W. (See Ver Planck, D. W., and Seaman.)
- Seaman Paper Company. (See McLaurin, James D., assignor.)
- Seaman Paper Company. (See Seaman, Duncan R., assignor.)
- Seaman, Richard H., Los Angeles, and C. A. Schwenden, Alhambra, assignors of forty percent to said Seaman, forty percent to W. T. Wells, Glendale, and twenty percent to L. Spencer, Los Angeles, Calif. Advertising sign. 2,121,829; June 28.
- Seaman, Richard H., Los Angeles, and C. A. Schwenden, Alhambra, Calif. Oscillation system. 2,124,595; July 26.
- Seamark, Lewis M. C., Radfords, Dawlish, England. Casting head equipment for bore holes or wells. 2,127,312; Aug. 16.
- Seamless Rubber Company, The. (See Crowley, Cornelius J., assignor.)
- Seamless Rubber Company. (See De Laney, Wallace W., assignor.)
- Seamless Rubber Company. (See Seys, John O., assignor.)
- Sea Pride Packing Corp., Ltd. (See Brenner, M. L., and Schwab, assignors.)
- Sear, Arthur W., Chicago, Ill. Radio apparatus. 2,112,382; Mar. 29.
- Searight, William H., assignor, by mesne assignments, to Western Cataphote Corporation, Toledo, Ohio. Chain mounting for reflector buttons. 2,131,123; Sept. 27.
- Searing, Hudson R., New York, and A. F. Shipstead, North Pelham, N. Y., assignors to Radio Corporation of America. Phonograph. 2,106,764; Feb. 1.
- Searle, Dudley F., Oakland, Calif. Power brake system. 2,108,182; Feb. 15.
- Searle, Dudley F., Oakland, Calif. Air brake system. 2,133,580; Oct. 18.
- Searle, G. D., & Co. (See Kober, Philip A., assignor.)
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,109,053; Feb. 22.
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Pillow block. 2,114,670; Apr. 19.
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Seal. 2,137,546; Nov. 22.
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Lapping device. 2,141,491; Dec. 27.
- Sears, Hartley M. (See Sears, H. M., and Rothenberg, assignors.)
- Sears, Hartley M., Pasadena, and S. Rothenberg, Los Angeles, Calif., assignors of one-half to H. S. Lipton and one-half to said H. M. Sears. Tag device. 2,126,980; Aug. 16.
- Sears, Richard W., II. (See Koca, James F., assignor.)
- Sears, Roebuck and Co. (See Ajouelo, Davis J., assignor.)
- Sears, Roebuck and Co., et al. (See Doyle, W. J., and Wollenhaupt, assignors.)
- Sears, Roebuck and Co. (See Ellison, Whitfield, assignor.)
- Sears, Roebuck and Co. (See Fairchild, Alice M., assignor.)
- Sears, Roebuck and Co. (See Felix, Otto, assignor.)
- Sears, Roebuck and Co. (See Horsrud, Ole, assignor.)
- Sears, Roebuck and Co. (See Hultgren, Arnold P., assignor.)
- Sears, Roebuck and Co. (See Ralston, Hurley D., assignor.)
- Sears, Roebuck and Co. (See Ralston, H. D., and Felix, assignors.)
- Sears, Roebuck and Co. (See Snow, Adolph J., assignor.)
- Sears, Roebuck and Co. (See Toskey, C. M., Feeney, and Colegrove, assignors.)
- Sears, Roebuck and Co. (See Wann, Richard H., assignor.)
- Sears, Sterling G., Garden City, assignor to Dictograph Products Company, Inc., New York, N. Y. Sound reproducing system. 2,140,032; Dec. 13.
- Sears, Victor H., New York, N. Y., assignor to Universal Dental Company, Philadelphia, Pa. Artificial teeth. 2,129,040; Sept. 6.
- Seat, Jay L., Fairfield, Conn. Fire extinguishing liquid. 2,104,775; Jan. 11.
- Seat, Jay L., Fairfield, Conn. Fire extinguisher system. 2,132,132; Oct. 4.
- Seaton, Benjamin C., Nashville, Tenn. Vehicle frame and body mounting chassis. 2,115,045; Apr. 26.



- Seaton, Joseph P., Bristol, Va. Hydraulic turbine. 2,115,850; Apr. 26.
- Seaver, Elliot O., Meadville, Pa., assignor to Talon, Inc. Fastening device. 2,110,740; Mar. 8.
- Seaver, Floyd. (See McKee, H. H., and Seaver.)
- Seavey, Frederick R. (See Smith, J. B., Seavey, and Taylor.)
- Seawell, Joseph M., Richmond, Va. Bulk material dispensing device. 2,122,216; June 28.
- Seawright, Roy M. (Robert M. F. Seawright), Langlaagte, Johannesburg, South Africa, assignors to Ingersoll-Rand Company, Jersey City, N. J. Chuck. 2,117,746; May 17.
- Sebastian, Robert L., Rocky Hill, assignor to The American Agricultural Chemical Company, Newark, N. J. Making crystalline monocalcium phosphate. 2,135,475; Nov. 1.
- Sebastiani, Peter, Ueberlingen, Bodensee, Germany. Fire protecting device with film projectors in cinemas. 2,136,322; Nov. 8.
- Sebek, Albert, Cicero, Ill. Ashtray. 2,114,034; Apr. 12.
- Sebek, Albert T., Chicago, Ill. Ornament. 2,107,840; Feb. 8.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Can. 2,105,445; Jan. 11.
- Sebell, Harry, Boston, assignor of one-half to Arthur H. Parker, Lexington, Mass. Can. 2,106,330; Jan. 25.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Concord, Mass. Container. 2,110,097; Mar. 1.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Machine for making cans. 2,121,236; June 21.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Can. 2,130,676; Sept. 20.
- Sebell, Harry, Cambridge, assignor of one-half to A. H. Parker, Lexington, Mass. Pouring spout for cans. 2,130,861; Sept. 20.
- Seberhagen, Sigurd H. (See Ross, R. W., and Seberhagen.)
- Seberhagen, Sophie, executrix. (See Ross, R. W., and Seberhagen.)
- Sebrell, Lorin B., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,134,957; Nov. 1.
- Sechrist, Charles F., Seattle, Wash. Egg case filler. 2,128,015; Aug. 23.
- Secor, Allen C., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Machine for finishing spherical surfaces. 2,134,210; Oct. 25.
- Secoy, Wilbur M., Lancaster, Ohio, assignor, by mesne assignments, to Solar Laboratories, Beaver, Pa. Machine for decorating ware. 2,116,466; May 3.
- Secoy, Wilbur M., Lancaster, Ohio, assignor, by mesne assignments, to Solar Laboratories, Beaver, Pa. Machine for stenciling ware. 2,116,467; May 3.
- Secretary of Agriculture of the United States of America. (See Gaus, George E., assignor.)
- Secretary of Agriculture of the United States of America, and his successors in office. (See Leviton, Abraham, assignor.)
- Secretary of Agriculture of the United States of America. (See Ward, G. E., Lockwood, and May, assignors.)
- Secretary of Agriculture of the United States of America. (See Webb, Byron H., assignor.)
- Secretary of Agriculture of U. S. A., Henry A. Wallace. (See Emmett, Paul H., assignor.)
- Security Engineering Co. (See Armentrout, A. L., and Hall, assignors.)
- Security Engineering Co. Inc. (See Casner, Earl R., assignor.)
- Security Machine Products Company. (See Green, Edward A., assignor.)
- Sedberry, William H., Thompson Station, Tenn. Variable choke for shotguns. 2,134,238; Oct. 25.
- Seddon, George, et al. (See Tabley, George L., assignor.)
- Seddon, Graham, Brooklyn, N. Y. Laminated fabric. 2,116,984; May 10.
- Sedgley, Reginald F., Philadelphia, Pa. Line throwing mechanism for pistols. 2,111,374; Mar. 15.
- Sedgley, Reginald F., deceased, Philadelphia, Pa.; E. Pugsley and Girard Trust Company, executors. Reeling mechanism. 2,120,944; June 14.
- Sedgley, Reginald F., assignor to John W. Gottschalk Manufacturing Co., Philadelphia, Pa. Method of and apparatus for curling strand material. Re. 20,774; June 28.
- Sedlmayr, Gerhard, Berlin-Tempelhof, Germany. Parachute. 2,119,183; May 31.
- Sedwick, Matthew M., Syracuse, and F. J. O'Brien, Pelham Manor, assignors to Continental Can Company, Inc., New York, N. Y. Device for dispensing lubricating oil. 2,122,540; July 5.
- See, Theodore S., Hammond, Ind., J. E. Tegarden, Calumet City, Ill., and A. Williams, Munster, assignors to Submerged Combustion Company of America, Inc., Hammond, Ind. Submerged combustion burner. 2,118,479; May 24.
- Secher, Rex R., G. N. Thresher, and A. P. Young, Houghton, Mich. Making pipe fittings. 2,111,695; Mar. 22.
- Secherger, Fred B., Yendon, assignor to Peccora Paint Company, Philadelphia, Pa. Ratchet mechanism. 2,138,045; Nov. 29.
- Seeburg, J. P., Corporation. (See Kalbitzer, George W., Jr., assignor.)
- Seeburg, N. Marshall. (See Coney, Donald I., assignor.)
- Seeburg, N. Marshall. (See Wallin, F. E. A., and K. T. and C. G. Johnson, assignors.)
- Seeburg, Noel M. (See Wallin, F. E. A., Johnson, K. J. and C. G., assignors.)
- Seeger Refrigerator Company. (See Ahrens, Robert S., assignor.)
- Seeger Refrigerator Company. (See Ellsworth, W. A., and Swedman, assignors.)
- Seegers, Hans, assignor to Jas. P. Marsh Corporation, Chicago, Ill. Pressure gauge. Re. 20,830; Aug. 16.
- Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Backing paper for roll coating film. 2,126,350; Aug. 9.
- Seeley, De Forest H., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Brake mechanism. 2,136,806; Nov. 15.
- Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical cable. 2,126,290; Aug. 9.
- Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Spacing member. 2,128,434; Aug. 30.
- Seeley, Stuart W., Bayside, Flushing, N. Y., assignor to Radio Corporation of America. Frequency variation response circuits. 2,121,103; June 21.
- Seeley, Stuart W., Jackson, Mich., assignor to Radio Corporation of America, New York, N. Y. Sound recording and reproducing system. 2,139,916; Dec. 13.
- Seeley, Stuart W., and T. J. Scofield, Jackson, Mich., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Selective tuning system. 2,138,209; Nov. 29.
- Seelig, Alfred E., New York, N. Y. Multistage fan. Re. 20,668; Mar. 8.
- Seeliger, R., and Hille. (See Roscher, A., and von Herrenburger, assignors.)
- Seelinger, Horace D. (See Hunt, J. H., and Seelinger.)
- Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inverting mechanism. 2,105,377; Jan. 11.
- Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for splitting soles. 2,118,824; May 31.
- Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 2,118,825; May 31.
- Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting machine. 2,125,959; Aug. 9.
- Seem, J. B., et al. (See Brandenburg, Harry J., assignor.)
- Seem, Warren A. (See Hill, E. G., and Seem.)
- Seemel, Bruno E., Brooklyn, assignor to Automatic Coin-wrapping Machine Corporation, New York, N. Y. Crimper. 2,110,685; Mar. 8.
- Seer, Richard H., Danvers, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,104,138; Jan. 4.
- Seestedt, Henry W. (See Seestedt, L. L., Ridge, and Luff, assignors.)
- Seestedt, Lloyd L., and D. Ridge, Romulus, Mich., and H. J. Luff, Cleveland Heights, Ohio, assignors to H. W. Seestedt, doing business as Romulus Gray Iron Foundry, Romulus, Mich. Grease separator for sinks and the like. 2,138,985; Dec. 6.
- Seever, John B., Chicago, Ill. Electrical socket and making same. 2,120,630; June 14.
- Sefco, Inc. (See Ekdahl, Edward B., assignor.)
- Seifzig, Otto, Berlin, Germany. Punching multicolor printing plates. 2,131,359; Sept. 27.
- Segal, Hyman R., New York, N. Y. Holding device. 2,112,866; Apr. 5.
- Segal, Hyman R., New York, N. Y. Cosmetic holder. 2,113,861; Apr. 12.
- Segal, Hyman R., New York, N. Y. Razor. 2,110,248; May 31.
- Segal, Hyman R., New York, N. Y. Skate. 2,130,699; Dec. 13.
- Segal, Hyman R., assignor to Segal Safety Razor Corporation, New York, N. Y. Receptacle. 2,122,158; June 28.
- Segal Safety Razor Corporation. (See Segal, Hyman R., assignor.)
- Segal, Samuel, Brooklyn, N. Y. Pickproof lock. 2,111,098; Mar. 15.
- Segal, Samuel, Brooklyn, N. Y. Skate. 2,118,823; May 31.
- Segal, Samuel, Brooklyn, N. Y. Cloth cutting machine. 2,129,632; Sept. 6.
- Segal, Samuel, Brooklyn, N. Y. Gearing for skates. 2,138,887; Dec. 6.
- Segal, Samuel, Brooklyn, N. Y., assignor of twenty-five percent to C. Palmer, Washington, D. C., twenty-five percent to H. Model, and twenty-five percent to H. Schwartz, New York, N. Y. Fastening device. 2,122,441; July 5.
- Segal, Samuel, Brooklyn, N. Y., assignor of twenty-five percent to C. Palmer, Washington, D. C., twenty-five percent to H. Model, and twenty-five percent to H. Schwartz, New York, N. Y. Fastening device. 2,122,442; July 5.



- Segar, Joe, Detroit, Mich. Message device. 2,125,320; Aug. 2.
- Segard, Edwin S., San Francisco, Calif. Transmission. 2,122,701; July 5.
- Segel, John H., Glendale, Calif. Ship repair equipment. 2,105,014; Jan. 11.
- Segeler, Curt G., New York, N. Y. Fuel-feed control and apparatus therefor. 2,114,971; Apr. 19.
- Segelin, David and S., Rochester, N. Y. Producing a permanent crease in garment fabrics. 2,110,006; Mar. 1.
- Segelin, David and S., Rochester, N. Y. Trousers cuff. 2,111,945; Mar. 22.
- Segelin, Solomon. (See Segelin, David and S.)
- Seghers, Emiel P., Chicago, Ill. Perculator top. 2,134,585; Oct. 25.
- Seguin, Lloyd, Merrill, Wis. Scraping tool. 2,125,653; Aug. 2.
- Seguy, Jean D., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,105,554; Jan. 18.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,107,509; Feb. 8.
- Seguy, Jean D., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Thermal decomposition of hydrocarbons. 2,114,544; Apr. 19.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,120,715; June 14.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,127,011; Aug. 16.
- Seibel, Elmer F., Erie, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc. (1922), New York, N. Y. Conveyor. 2,116,800; May 10.
- Seiberling Latex Products Company. (See Brueggeman, Elmer C., assignor.)
- Seiberling Rubber Company. (See Schrank, Harry P., assignor.)
- Seibert, Frank J., assignor to Chipman Chemical Company, Inc., Bound Brook, N. J. Copper fungicides and producing the same. 2,109,683; Mar. 1.
- Seibert, Howard F., Cleveland, Ohio, assignor, by mesne assignments, to S. M. A. Corporation, Jersey City, N. J. Preparing lactoflavin concentrates. 2,139,857; Dec. 13.
- Seibert, Nelson J. (See Parker, W. H., and Seibert.)
- Seibold, Ernst. (See Hacker, O. H., and Seibold.)
- Seibold, Ernst, Heidenheim-on-the-Brenz, Germany, assignor, by mesne assignments, to American Voith Contact Co. Inc., New York, N. Y. Hydraulic variable speed transmission. 2,110,741; Mar. 8.
- Seidel, Alex., assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Firearm. 2,117,826; May 17.
- Seidel, Alex., assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Fire arm. 2,138,213; Nov. 29.
- Seidelbach, Rudolf, Berlin-Mariendorf, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Broadcast system. 2,124,318; July 19.
- Seiden, Elmer J., Jackson, Mich. Pneumatic tool. 2,120,992; June 21.
- Seidenberg, Otto, Berlin, Germany, assignor, by mesne assignments, to Bendix Aviation Corporation, Chicago, Ill. Clutch mechanism for motor cars. 2,130,907; Sept. 20.
- Seidenfaden, Wilhelm, and H. Thoma, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Nitrosamines. 2,119,891; June 7.
- Seider, Leo J., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Articulation joint for locomotives and cars. 2,107,841; Feb. 8.
- Seidl, Anton, Chicago, Ill. Nest. 2,140,815; Dec. 20.
- Seidl, Erich, Berlin-Westend, Germany. Appliance for testing vehicle tires and road surfaces. 2,131,979; Oct. 4.
- Seidl, Karl, Munich, Germany. Explosion actuated percussion tool. 2,139,608; Dec. 6.
- Seidman, Solomon H., Bronx, N. Y. Airplane terminal. 2,133,721; Oct. 18.
- Seifer, Joe D., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Valve. 2,110,557; Mar. 8.
- Seifer, Morton E., New York, N. Y., assignor, by mesne assignments, to Stanley Patents, Inc. Handle and locking member for pasteboard containers and the like. 2,109,034; Feb. 22.
- Seifer, Theo, Berlin, Germany. Hydraulic boring mechanism. 2,108,946; Feb. 22.
- Seifer, Theo, Berlin, Germany. Hydraulic motor for deep-boring mechanisms. 2,108,947; Feb. 22.
- Seifer, Theo, Berlin, Germany. Hydraulic motor. 2,129,104; Sept. 6.
- Seifer, Theo, Berlin, Germany. Motor working in a bore hole by means of a rinsing liquid. 2,131,392; Sept. 27.
- Seifert, Charles H., Hempstead, N. Y. Tooth cleaning device. 2,131,676; Sept. 27.
- Seifert, George, Beverly Hills Township, Los Angeles County, Calif. Box-making machine. 2,109,359; Feb. 22.
- Seiffert, Otto E., Union, N. J. Punch press. 2,116,326; May 3.
- Seifman, Morris, New York, N. Y. Porcelain-faced dentoid structure. 2,112,713; Mar. 29.
- Seiger, Harry W., Los Angeles, Calif. Signaling device. 2,127,538; Aug. 23.
- Seignol, Edouard F. C., and F. J. Monier, Paris, assignors to Societe Auxiliaire Pour le Developpement D'Industries Mecaniques S. A. D. I. M., Neuilly, France. Carburetor. 2,116,608; May 10.
- Seil, Gilbert E., Cynwyd, Pa. Electric furnace process. 2,104,530; Jan. 4.
- Seil, Gilbert E., Cynwyd, Pa. Electric furnace. 2,106,022; Jan. 18.
- Seil, Gilbert E., Cynwyd, Pa. Deflection of electrode arcs. 2,116,218; May 3.
- Seil, Gilbert E., Cynwyd, Pa. Treatment of metals. 2,116,219; May 3.
- Seil, Gilbert E., Cynwyd, Pa., assignor, by mesne assignments, to Buffalo Electric Furnace Corporation, Buffalo, N. Y. Conveyor mechanism for electric furnaces. 2,106,469; Jan. 25.
- Seil, Gilbert E., Cynwyd, Pa., assignor, by mesne assignments, to Buffalo Electric Furnace Corporation, Buffalo, N. Y. Electric furnace. 2,117,913; May 17.
- Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Lining kilns and lining produced thereby. 2,137,184; Nov. 15.
- Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Multiple burner arrangement. 2,137,185; Nov. 15.
- Seiler, Dayton A., assignor to J. F. Seiler, Elizabethton, Tenn. Cap cover stretcher. 2,107,961; Feb. 8.
- Seiler, Justin F. (See Seiler, Dayton A., assignor.)
- Seiter, Otto. (See Freudenberg, G., Seiter, and Boll.)
- Seitz, Dean C., Lakewood, Ohio, assignor, by mesne assignments, to The Bastian-Blessing Company, Chicago, Ill. Beer dispenser. 2,140,816; Dec. 20.
- Seitz, Edward, and H. Proehl, Peoria, Ill. Dispensing apparatus. 2,109,978; Mar. 1.
- Seitz, Henry C., Niles, Ohio. Deflector. 2,123,809; July 12.
- Sekella, Youstoun, assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter drive member. 2,109,155; Feb. 22.
- Sekella, Youstoun, assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter drive. 2,118,768; May 24.
- Sekella, Youstoun, assignor to Eclipse Machine Company, Elmira, N. Y. Starter drive for internal combustion engines. 2,135,653; Nov. 8.
- Sekyra, Charles J., Sr., Troy, Ohio, assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,135,878; Nov. 8.
- Selas Company, The. (See Hess, Fred, assignor.)
- Selco Products Inc. (See Kohl, Everard F., assignor.)
- Selendi, Paul, Toronto, Ontario, Canada. Shoe last. 2,130,199; Sept. 13.
- Seleznoff, Leonid L., New York, N. Y. Envelope. 2,108,451; Feb. 15.
- Self, Benjamin M., Detroit, Mich. Gauge for indicator for lathes. 2,105,703; Jan. 18.
- Self, Clarence L., Austin, assignor to V. B. McGuire Manufacturing Company, Northfield, Minn. Type form make-up device. 2,131,761; Oct. 4.
- Self, Edgar Alfred. (See Clarke, Douglas C., assignor.)
- Self, Grafton H., Twin Falls, Idaho. Combination ground crust breaker, weeder, and mulcher. 2,141,830; Dec. 27.
- Self, Luther B., Portland, Oreg. Nut toaster. 2,112,426; Mar. 29.
- Self, Malcolm E., Eunice, N. Mex. Extra casing jaw for drill pipe tongs. 2,131,643; Sept. 27.
- Self-Locking Carton Co. (See Burger, Martin, assignor.)
- Self-Locking Carton Co. (See Lowe, Carl H., assignor.)
- Selger, Henry L., Newton, N. J. Ground joint pipe coupling. 2,109,344; Feb. 22.
- Selig, William M., Brighton, assignor to Charles D. White Company, Boston, Mass. Cable connector fitting. 2,120,993; June 21.
- Seliger, Hellmuth, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Recovery of metals from ores. 2,126,825; Aug. 16.
- Selin, Karl H., Brooklyn, N. Y. Lawn mower grinder. 2,116,414; May 3.
- Selje, Frederick A., Grosse Pointe, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle body apertenance. 2,114,359; Apr. 19.
- Seljesaeter, Kaare S., Bergen, Norway, assignor to Western Electric Company, Incorporated, New York, N. Y. Hard alloy. 2,108,618; Feb. 15.
- Sell, William C. (See Clark, H. G., and Sell.)
- Selle, Otto C., Denver, Colo. Rotary pump. 2,131,302; Sept. 27.
- Sellers, Jesse E., Scotia, N. Y., assignor to General Electric Company. Inhibiting treatment for ferro-manganese. 2,110,717; Mar. 8.
- Sellers, William & Company. (See Burt, John, assignor.)
- Sellers, William, & Company. (See Cotta, Ralph L., assignor.)
- Sellers, William, & Company. (See Husband, Robert M., assignor.)
- Sellers, William, & Company. (See Pedrick, Irene P., assignor.)
- Sellers, William D., Glen Ellyn, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,117,368; May 17.



- Sellers, William D., Glen Ellyn, and E. Babcock, Evanston, Ill., assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,140,143; Dec. 13.
- Selley, William H., Plainfield, Conn., assignor to W. J. Oothout, Queens Village, N. Y. Lease forming mechanism for slashers. 2,111,946; Mar. 22.
- Sells, Floyd, Monroe, N. C. Seed saving attachment for mowing machines. 2,134,239; Oct. 25.
- Sellwood, R. M. (See Paul, Julius, assignor.)
- Selman, Henry P., Detroit, Mich. Nut tapping machine. 2,141,280; Dec. 27.
- Seloske, Frederick W., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Green corn cutter. 2,119,945; June 7.
- Selph, Arlington, Guilford, Ind., assignor of one-fourth to E. B. Levi, Cleveland, Ohio. Anchor lock for metal roofing. 2,112,178; Mar. 22.
- Selston, Ernest J. (See Whitby, E., Pedler, Selston, Newman, and Lester.)
- Selund, Robert B., Calumet City, assignor to Standard Oil Company, Chicago, Ill. Removal of wax from rotary filters. 2,131,303; Sept. 27.
- Selwyn, Samuel D., Chicago, Ill. Bottle cap. 2,130,511; Sept. 20.
- Selz, Frank E. (See Carel, Marjorie E., assignor.)
- Seman, Otto M., Balham, London, England. Apparatus for washing, rinsing and drying crockery, laundry and the like. 2,135,043; Nov. 1.
- Semery, Jean M. C., Paris, France. Device for changing gears in motor cars and the like. 2,110,180; Mar. 8.
- Semet-Solvay Engineering Corporation. (See McIntire, Charles V., assignor.)
- Semet-Solvay Engineering Corporation. (See McIntire, C. V., and Schrader, assignors.)
- Semet-Solvay Engineering Corporation. (See McIntire, C. V., and Tiddy, assignors.)
- Semet-Solvay Engineering Corporation. (See Newman, Louis L., assignor.)
- Semet-Solvay Engineering Corporation. (See Ring, Frederick G., assignor.)
- Semet-Solvay Engineering Corporation. (See Tenney, Charles I., assignor.)
- Semet-Solvay Engineering Corporation. (See Tiddy, William, assignor.)
- Semet-Solvay Engineering Corporation. (See Tiddy, W., Hughes, and Oliveros, assignors.)
- Semke, Richard. (See Lynch, J. J., Semke, and Wom-sley.)
- Semmes and Semmes. (See Clemmer, J. B., and O'Meara, assignors.)
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Anti-oxidants. 2,115,473; Apr. 26.
- Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making quinine di-imides. 2,118,826; May 31.
- Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making quinine di-imides. 2,118,827; May 31.
- Semrau, Hugo F. (See Stein, J. A., and Semrau.)
- Sénaème, Roger. (See Goudet, H., and Sénaème.)
- Senzimir, Tadeusz, Katowice, Poland, assignor to The American Rolling Mill Company, Middletown, Ohio. Coating metallic objects with layers of other metals. 2,110,893; Mar. 15.
- Senzimir, Tadeusz, Katowice, Poland, assignor to The American Rolling Mill Company, Middletown, Ohio. Apparatus for coating metallic objects with layers of other metals. 2,136,957; Nov. 15.
- Séné, Léon P., Louveciennes, France. Apparatus for inhalations. 2,127,802; Aug. 23.
- Sency, John M. (See Truitt, Shelly, assignor.)
- Senf, Oscar, assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen desk stand. 2,104,676; Jan. 4.
- Senft, Emil, Cleveland, Ohio. Folding leg card table. 2,122,846; July 5.
- Seng Company, The. (See Fox, Martin, assignor.)
- Senger, Werner I., assignor to Gisholt Machine Company, Madison, Wis. Machine tool holder. 2,119,029; May 31.
- Sengstaken, John H., Plandome, assignor to The Super-heater Company, New York, N. Y. Air and oil pre-heater. 2,110,742; Mar. 8.
- Sengstaken, John H., Plandome, assignor to The Super-heater Company, New York, N. Y. Supporting means for economizers. 2,119,118; May 31.
- Senior, Alfred I. (See Knapp, P. V., Senior, McNabb, and Bensemann.)
- Senior, John H. (See Allen, T. W., Senior, Bokum, and Riehl.)
- Senn, Emil, Riehen, near Basel, assignor to firm J. R. Gelgy S. A., Basel, Switzerland. Monoazo-dyestuffs and their manufacture. 2,111,300; Mar. 15.
- Sentance, Henry G. V., Glasgow, Scotland, and G. A. V. Russell, London, England. Hydraulic press. 2,132,974; Oct. 11.
- Sentrop, Johannes T., Wyoming Township, Kent County, Mich. Mold structure. 2,121,450; June 21.
- Sentry Company, The. (See Crocker, Percival B., assignor.)
- Sentz, Paul L., Colfax, Calif. Poultry feeder. 2,140,856; Dec. 20.
- Separation Process Company. (See Breerwood, Charles H., assignor.)
- Serdynski, Boleslaus A., assignor, by mesne assignments, of one-half to L. S. Ryczek, Milwaukee, Wis. Game dice. 2,132,050; Oct. 4.
- Sereda, Alois T., Chicago, Ill. Vehicle signal. 2,109,184; Feb. 22.
- Serge, Igor B., Grosse Pointe Park, Mich. Voice coil suspension. 2,129,628; Sept. 6.
- Sergent, Eugene L., San Diego, Calif. Controllable pitch propeller wrench. 2,110,427; Mar. 8.
- Serini, Arthur. (See Schoeller, W., Serini, Gehrke, Priewe, Strassberger, and Logemann.)
- Seroy, John, Stockton, Calif. Screen unit for ball mills. 2,124,127; July 19.
- Serpas, Ralph J., Minneapolis, Minn. Apparatus for continuously beating paper pulp. 2,125,820; Aug. 2.
- Serrière, Jean, Chelles, France, assignor, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Successive electrical control of a series of devices. 2,140,601; Dec. 20.
- Serruys, Max Y. A., Paris, France. Indicator of detonations for internal combustion engines. 2,141,416; Dec. 27.
- Serv-A-Towel Manufacturing Company. (See Hondeville, A. I., and Ellis, assignors.)
- Servel, Inc. (See Andersson, Sven W. E., assignor.)
- Servel, Inc. (See Andersson, S. W. E., and Tornkvist, assignors.)
- Servel, Inc. (See Ashby, Carl T., assignor.)
- Servel, Inc. (See Bakström, Sigurd M., assignor.)
- Servel, Inc. (See Bel Heddes, Norman, assignor.)
- Servel, Inc. (See Ehnboh, Bo K. G., assignor.)
- Servel, Inc. (See Fleischer, Joseph, assignor.)
- Servel, Inc. (See Hainsworth, William R., assignor.)
- Servel, Inc. (See Kuenzli, Walter A., assignor.)
- Servel, Inc. (See Lenning, Alvar, assignor.)
- Servel, Inc. (See Nauert, Carl H., assignor.)
- Servel, Inc. (See Peltier, Frank D., assignor.)
- Servel, Inc. (See Pleasant, H. E., and Nauert, assignors.)
- Servel, Inc. (See Schellens, E. L., and Hamby, assignors.)
- Servel, Inc. (See Shagaloff, Harry C., assignor.)
- Servel, Inc. (See Thomas, Albert R., assignor.)
- Servel, Inc. (See Ullstrand, Hugo M., assignor.)
- Service Devices, Incorporated. (See Shively, John J., assignor.)
- Service Devices, Inc. (See Smith, Ralston, R., assignor.)
- Service Foundry Company. (See Burns, R., and Hayward, assignors.)
- Servo-Frein Dewandre Société Anonyme. (See Defives, Raymond, assignor.)
- Servo-Frein Dewandre Société Anonyme. (See Lempereur, Maurice, assignor.)
- Servo-Frein Dewandre Société Anonyme. (See Maes, Frédéric, assignor.)
- Sesamee Company, The. (See Denerich, Anthony J., assignor.)
- Sessions, Donald W., Willesden, London, England. Hydraulic jacking system for vehicles. 2,109,238; Feb. 22.
- Sessions, Donald W., Willesden, London, England. Hydraulic jacking system for vehicles. 2,139,473; Dec. 6.
- Sessions, Edson O., Chicago, Ill. Electric tray. 2,134,805; Nov. 1.
- Sessions, Frank L., Lakewood, Ohio. Method of and apparatus for welding tubing. 2,139,211; Dec. 6.
- Sessions, Royal L., Los Angeles, Calif., assignor to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Making lead compounds. 2,109,755; Mar. 1.
- Sessions, Royal L., Inglewood, and D. C. Mitchell, Los Angeles, Calif., assignors to Hughes-Mitchell Processes Incorporated, Denver, Colo. Sulphating an ore material. 2,121,887; June 28.
- Sessoms, William A., Bonifay, Fla. Turpentine hack and puller. 2,129,790; Sept. 13.
- Sessums, John W., Fairfield, Ohio. Aircraft propeller unit. 2,126,221; Aug. 9.
- Setoguchi, Kazuo. (See Abe, S., Setoguchi, and Nagai.)
- Settle, Samuel B. (See Schwemlein, W., and Settle.)
- Setzer, Albert, North Scituate, R. I. Electric storage battery. 2,119,967; June 7.
- Setzer, Albert, North Scituate, R. I. Electric storage battery. 2,141,621; Dec. 27.
- Setzer, Emil O. (See Goff, H. J., and Setzer.)
- Setzer, Rudolf. (See Schwarze, P., and Setzer.)
- Setzler, Horace B., Coffeyville, Kans., assignor to The National Refining Company. Solvent dewaxing process for lubricating oils. 2,141,622; Dec. 27.
- Sevag, Manassch G., Berlin, Germany. Separating constituents of biologically valuable starting materials. 2,118,117; May 24.
- Sevelle, George C., San Francisco, Calif. Can punch and pouring device. 2,112,470; Mar. 20.
- Sevelle, George C., San Francisco, Calif. Portable liquor dispenser. 2,112,471; Mar. 20.
- Severin, Edwin, and O. Brünner, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Gramophone record. 2,137,510; Nov. 22.
- Severin, Frank W., Evanston, assignor to Venn Severin Machine Co., Chicago, Ill. Automatic control. 2,129,482; Sept. 6.
- Severin, Gordon, Oklahoma City, Okla. Magazine penell. 2,123,810; July 12.
- Severin, Jose, Mulheim Ruhr, assignor to Deutsche Röhrenwerke Aktiengesellschaft, Düsseldorf, Germany. Tube rolling mill. 2,126,509; Aug. 9.



- Severin, Sten. (See Jarl, C. H. B., and Severin.)  
 Severn, Arthur B., assignor to A. Stucki, Pittsburgh, Pa. Side bearing. 2,124,958; July 26.  
 Seversky Aircraft Corporation. (See de Seversky, Alexander P., assignor.)  
 Seversky Aircraft Corporation. (See McClane, Joseph L., assignor.)  
 Severson, Arthur N., Milwaukee, Wis. Liquid dispensing device. 2,105,957; Jan. 18.  
 Severson, Ernest H. (See Weissner, C. O., and Severson.)  
 Severson, William R., Soldier, Iowa. Barber pole. 2,120,192; June 7.  
 Sewall, Arthur C., Auburn, Maine. Insole blank and making insoles therefrom. 2,130,968; Sept. 20.  
 Seward, David E., et al. (See Vanderpoel, Albert G. H., assignor.)  
 Seward, George A., Pickwick, Tenn. Vacuo-thermal massage appliance. 2,120,872; June 14.  
 Sewell, Jesse M., Villegreen, assignor of one-half to O. E. Sewell, Leadville, Colo. Trap drum, cymbal, and triangle beater. 2,108,693; Feb. 15.  
 Sewell, Ole E. (See Sewell, Jesse M., assignor.)  
 Sexton, Everett P., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,106,491; Jan. 25.  
 Sexton, Everett P., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,112,427; Mar. 29.  
 Sexton, Isaac E., Winchester, Mass. Bail ear for sheet metal vessels and making the same. 2,107,428; Feb. 8.  
 Sexton, John J. (See Sexton, Thomas F. and J. J.)  
 Sexton, John R., Meriden, Conn. Flexible decorative strip. 2,107,677; Feb. 8.  
 Sexton, Thomas F., and J. J. Sexton, Baltimore, Md. Lift plate for rubber horseshoes. 2,115,651; Apr. 26.  
 Sexton, Wilfred A. (See Blackshaw, H., Hardacre, and Sexton.)  
 Sexton, Wilfred A. (See Gale, P. T., and Sexton.)  
 Sexton, Wilfred A., Manchester, England, assignor to Imperial Chemical Industries Limited. Intermediates for azo dyes. 2,126,048; Aug. 9.  
 Sexton, Wilfred A., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture and application of carbazole derivatives. 2,128,101; Aug. 23.  
 Seyb, Erich, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Softening water. 2,117,631; May 17.  
 Seybold, Frederick W., Westfield, N. J. Automatic transmission. 2,135,917; Nov. 8.  
 Seybold, Frederick W., Westfield, assignor to American Type Founders Incorporated, Elizabeth, N. J. Paper cutting machine. 2,127,432; Aug. 16.  
 Seydel, Carl J. (See Foster, B., and Seydel.)  
 Seydel Chemical Company. (See Seydel, H., and Reiners, assignors.)  
 Seydel, Herman, Jersey City, and A. H. Reiners, Cranford, assignors to Seydel Chemical Company, Jersey City, N. J. Alkaline earth metal double salts of organic acids and producing same. 2,137,957; Nov. 22.  
 Seyerle, Wilhelm, Waldenbrunn, near Esslingen-on-the-Neckar, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Internal combustion engine for motor cars. 2,138,618; Nov. 29.  
 Seyfarth, Alfred, Altenburg, Germany, assignor to C. L. Gulick and S. Rupprich, New York, N. Y. Combined valve and pressure gauge. 2,108,272; Feb. 15.  
 Seyferth, Carl G., Muskegon, Mich. Fifth wheel. 2,106,258; Jan. 25.  
 Seyferth, Carl G., Muskegon, Mich. Landing gear. 2,119,249; May 31.  
 Seyferth, Carl G., Muskegon, Mich. Landing gear. 2,137,703; Nov. 22.  
 Seyfried, Warren R., Birmingham, Ala. Production of dicalcium phosphate. 2,115,150; Apr. 26.  
 Seyler, Charles L., Bluefield, W. Va. Coat hanger and pants support. 2,134,740; Nov. 1.  
 Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Cellulose hydroxy ethers. 2,134,895; Nov. 1.  
 Seymour Manufacturing Company. (See Birge, Ernest N., assignor.)  
 Seymour Manufacturing Company. (See Birge, Francis J., assignor.)  
 Seymour & Peck Company. (See Schmidtke, Albert H., assignor.)  
 Seys, John O., Chicago, Ill., assignor to The Seamless Rubber Company, Inc., New Haven, Conn. Base plate for baseball diamonds. 2,122,266; June 28.  
 Seyvertsen, Ludwig, assignor of one-half to S. H. Johnston, Cleveland, Ohio. Gear pump. 2,134,153; Oct. 25.  
 Shabaker, Hubert A., Media, Pa., and R. C. Lassiati, Woodbury, N. J., assignors to Houdry Process Corporation, Dover, Del. Temperature control of contact masses and apparatus therefor. 2,108,081; Feb. 15.  
 Shackelford, Marshall P., Livingston, Tex. Propeller. 2,111,947; Mar. 22.  
 Shackleton, Jack, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Tipping of cigarettes. 2,130,700; Sept. 20.  
 Shackleton, Samuel F. (See Edwards, P. G., Jordan, and Shackleton.)  
 Shade Check, Inc. (See Wilson, James M., assignor.)  
 Shadrick, Richard H. (See McElroy, I. E., and Shadrick.)  
 Shafer, Carl C., Cincinnati, Ohio. Hand brake operating mechanism. 2,128,969; Sept. 6.  
 Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,104,404; Jan. 4.  
 Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,104,405; Jan. 4.  
 Shafer, Lincoln M. (See Crossley, M. L., and Shafer.)  
 Shafer, Orlen O., assignor to Master Arch, Inc., Tiffin, Ohio. Orthopedic apparatus. 2,114,322; Apr. 19.  
 Shaff, Ernest H., assignor to William H. Keller, Inc., Grand Haven, Mich. Power wrench. 2,119,968; June 7.  
 Shaff, Joseph W., Woodbine, Iowa. Collapsing shipping crate. 2,126,583; Aug. 9.  
 Shaffer, Don, Tool Company. (See Van Stone, Clifford E., assignor.)  
 Shaffer, Donald U., et al. (See Van Stone, Clifford E., assignor.)  
 Shaffer, Donald U., Pico, Calif. Rotary-straight-pull jar assembly. 2,121,267; June 21.  
 Shaffer, Donald U., Pico, Calif. Valve for well testing tools. 2,121,268; June 21.  
 Shaffer, John W., and R. T. Phillips, Minneapolis, Minn., assignors to John W. Shaffer & Company. Traffic button. 2,126,224; Aug. 9.  
 Shaffer, John W., & Company. (See Shaffer, J. W., and Phillips, assignors.)  
 Shaffer, Leroy O., Cincinnati, Ohio. Can opener. 2,135,116; Nov. 1.  
 Shaffer, Robert W., assignor to Snap-On Tools, Inc., Kenosha, Wis. Chromium-Plating electrolyte. 2,136,197; Nov. 8.  
 Shaffer, William D. (See Schweitzer, Frank J., assignor.)  
 Shagalloff, Harry C., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Fuel control means. 2,122,625; July 5.  
 Shagalloff, Harry C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,141,882; Dec. 27.  
 Shain, Simon, Haverhill, assignor to S. Winer, Swampscott, Mass. Making and applying an arch support for shoes. 2,121,176; June 21.  
 Shakespeare Company. (See Balz, William G., assignor.)  
 Shakespeare Company. (See Russell, Samuel G., assignor.)  
 Shakespeare Company. (See Russell, S. G., and Burdick, assignors.)  
 Shakespeare Products Company. (See Gerry, William, assignor.)  
 Shakespeare Products Company. (See Weber, Herman, assignor.)  
 Shakespeare, William, Jr. (See Bock, Charles D., assignor.)  
 Shaker, Louis, Brooklyn, assignor of fifty percent to F. Zoldo, New York, N. Y. Reversible setting. 2,108,904; Feb. 22.  
 Shaler Company, The. (See Gibbons, Alfred G., assignor.)  
 Shaler Company, The. (See Hanson, Harold H., assignor.)  
 Shamberger, John P., Wilkinsburg, and F. L. Alben, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway locomotive. 2,130,908; Sept. 20.  
 Shambow Shuttle Company. (See Major, Samuel J., assignor.)  
 Shanck, Roy B., Elmhurst, N. Y., assignor to American Telephone and Telegraph Company. Picture transmitting system. 2,115,917; May 3.  
 Shand & Jurs Company. (See Denham, John J., assignor.)  
 Shane, C. B., Corporation. (See Shane, Conrad B., assignor.)  
 Shane, Conrad B., Wilmette, assignor to C. B. Shane Corporation, Chicago, Ill. Overcoat. 2,128,193; Aug. 23.  
 Shanhouse, Leonard, Rockford, Ill. Parka. 2,133,907; Oct. 18.  
 Shankland, Rodney V., Hammond, Ind., and R. H. Price, Galveston, Tex., assignors to Standard Oil Company (Indiana), Chicago, Ill. Treatment of hydrocarbon oil. 2,114,671; Apr. 19.  
 Shanklin Manufacturing Company. (See Horsley, James H., assignor.)  
 Shanks, Carlyle D., Abilene, Tex. Cultivator bracing and fender attachment. 2,116,161; May 3.  
 Shankweiler, Fred K., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,111,461; Mar. 15.  
 Shanley, Francis R., Takoma Park, Md., assignor to the Government of the United States of America, as represented by the Secretary of the Navy. Safety indicator for airplanes. 2,128,169; Aug. 23.  
 Shannon, David, New Orleans, La. Automatic steering compass. 2,114,479; Apr. 19.  
 Shannon, James C., assignor of one-half to D. L. Qualls, Kansas City, Kans. Hot tamale dispenser. 2,111,497; Mar. 15.  
 Shannon, John H. (See Sullivan, W. M., and Shannon.)  
 Shanor, Edgar E., assignor to The Petroleum Iron Works Company of Ohio, Sharon, Pa. Closing sealing rings. 2,108,024; Feb. 8.  
 Shape, Oscar J., Minocqua, Wis. Oarlock sleeve. 2,140,884; Dec. 20.



- Shapiro, Abraham, Chicago, Ill. Liqueur and method of making same. 2,128,760; Aug. 30.
- Shapiro, David H., Montreal, Quebec, Canada. Egg carton. 2,115,181; Apr. 26.
- Shapiro, David H., Montreal, Quebec, Canada. Handle attachment for paper boxes. 2,132,246; Oct. 4.
- Shapiro, Henry, assignor of one-half to S. J. Becker, Philadelphia, Pa. Liquid dispensing apparatus. 2,124,214; July 19.
- Shapiro, Isaac, et al. (See Balton, James, assignor.)
- Shapiro, Joseph, et al. (See Balton, James, assignor.)
- Shapiro, Joseph M., New York, N. Y. Facial and toilet tissue holder. 2,122,048; June 28.
- Shapiro, Nathan, et al. (See Balton, James, assignor.)
- Shapiro, Samuel, et al. (See Balton, James, assignor.)
- Shappiro, Sol, Washington, D. C. Metallo amido derivatives. 2,134,625; Oct. 25.
- Shardlow, Lawrence R., Kearny, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Ceramic insulator and making the same. 2,108,513; Feb. 15.
- Sharkey, Everett W., Woodhaven, N. Y. Envelope seal. 2,110,277; Mar. 8.
- Sharland, Leonard A., London, England. Capacity measuring instrument. 2,135,017; Nov. 1.
- Sharma, Jagan N., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Enhancing the varietal coloration of whole fruit. 2,119,060; May 31.
- Sharma, Jagan N., Berkeley, assignor to Food Machinery Corporation, San Jose, Calif. Coloring fruit. 2,133,404; Oct. 18.
- Sharp & Dohme, Incorporated. (See Cope, A. C., Hartung, and Crossley, assignors.)
- Sharp, Donald E., Hamburg, N. Y. Apparatus for feeding charges of molten glass. 2,126,351; Aug. 9.
- Sharp, Emory A., Salem, Oreg. Framing tool. 2,110,636; Mar. 8.
- Sharp, George R., East Cleveland, Ohio. Bullet sizing and lubricating device. 2,133,873; Oct. 18.
- Sharp, Henry J., assignor of fifty-one one-hundredths to W. W. Martin, Pittsburgh, Pa. Window sash and housing. 2,131,980; Oct. 4.
- Sharp, Henry J., assignor of fifty one-one hundredths to W. W. Martin, Pittsburgh, Pa. Fastening mechanism. 2,134,008; Oct. 25.
- Sharp, Henry J., assignor of fifty one one-hundredths to W. W. Martin, Pittsburgh, Pa. Window framing. 2,135,680; Nov. 8.
- Sharp, John H., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Torque measuring wrench. Re. 20,620; Jan. 11.
- Sharp, Richard A., assignor to Milwaukee Reliance Boiler Works, Milwaukee, Wis. Burner installation for boilers. 2,126,417; Aug. 9.
- Sharp, Robert H., Marengo, assignor to McGill Metal Products Company, Chicago, Ill. Hand punch. 2,120,682; June 14.
- Sharpe, Gordon R., Vancouver, British Columbia, Canada. Container. 2,105,057; Jan. 11.
- Sharpe, John S., Haverford, Pa. Transmission mechanism. 2,108,082; Feb. 15.
- Sharpe, John S., Haverford, Pa. Transmission mechanism. 2,108,083; Feb. 15.
- Sharpe, John S., Haverford, Pa. Reversing gear. 2,131,677; Sept. 27.
- Sharpe, Ruth E., et al., executrices. (See Colvin, William, Jr.)
- Sharples, Alfred R. (See Knerr, H. C., and Sharples.)
- Sharples Solvents Corporation, The. (See Grosscup, Charles G.)
- Sharples Solvents Corporation, The. (See Olin, John F., assignor.)
- Sharples Solvents Corporation, The. (See Olin, J. F., and Hinds.)
- Sharples Specialty Company. (See Ayres, Arthur U., assignor.)
- Sharples Specialty Company, The. (See Ayres, A. U., and Scott, assignors.)
- Sharples Specialty Company, The. (See Bath, Wilmer H., assignor.)
- Sharples Specialty Company, The. (See Brewer, Nathaniel, assignor.)
- Sharples Specialty Company, The. (See Brown, C. R., and Scott, assignors.)
- Sharples Specialty Company, The. (See Hatman, Julius G., assignor.)
- Sharples Specialty Company, The. (See James, Edward M., assignor.)
- Sharples Specialty Company, The. (See Jones, Leo D., assignor.)
- Sharrar, Ernest C., South Norfolk, Va. Adjustable gauge and scriber. 2,112,179; Mar. 22.
- Sharrard, Elwyn B., Royal Oak, Mich. Engine attachment. 2,114,240; Apr. 12.
- Shartle, Charles W., Jr., Houston, Tex. Self-oiling chain sprocket. 2,134,490; Oct. 25.
- Shastock, Louis W., Cleveland, Ohio. Drum head and making the same. 2,110,029; Mar. 1.
- Shattuck, Charles E., Rochester, N. Y. Window adjustment lock. 2,114,910; Apr. 19.
- Shattuck, Earl R., Southgate, assignor of one-half to W. L. Venton, Los Angeles, Calif. Roof. 2,129,288; Sept. 6.
- Shattuck, Owen M., South Zanesville, and M. E. Fulk, Zanesville, Ohio. Combined continuous and intermittent flashing mechanism for neon lamps. 2,122,847; July 5.
- Shattuck, Owen M., and M. E. Fulk, Zanesville, Ohio. Lamp flasher. 2,129,882; Sept. 13.
- Shaulson, Joseph, Providence, R. I. Lingerie buckle. 2,133,153; Oct. 11.
- Shaver, Archibald G., Chicago, Ill. System for operating trains. 2,124,449; July 19.
- Shaver, Archibald G., Chicago, Ill. Train telephone system for simultaneous communications. 2,124,450; July 19.
- Shaver, Archibald G., Chicago, Ill. Train operating system. 2,124,451; July 19.
- Shaver, Archibald G., Chicago, Ill. Railway train operating and dispatching system. 2,124,452; July 19.
- Shaver, Archibald G., Chicago, Ill. Ssystem for operating trains. 2,124,453; July 19.
- Shaver, George W., and C. E. Sibert, Los Angeles, Calif. Slicing machine. 2,120,375; June 14.
- Shaver, Milton E., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Car truck brake mechanism. 2,119,505; May 31.
- Shaver, Perry E., Philadelphia, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Welding method and apparatus. 2,132,975; Oct. 11.
- Shaver, Raymond M., Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Welded draft sill assembly. 2,122,159; June 28.
- Shaw, Albert D., New York, N. Y. Electric alarm mat. 2,128,058; Aug. 23.
- Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Control switch unit. 2,111,816; Mar. 22.
- Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Refrigerating system. 2,116,002; May 3.
- Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Selector for control clocks. 2,131,304; Sept. 27.
- Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Stoker hopper switch. 2,131,305; Sept. 27.
- Shaw, Cecil. (See Irving, F., and Shaw.)
- Shaw, Charles G., Omemeo, Ontario, Canada. Tap sole blank. 2,140,211; Dec. 13.
- Shaw, Charles H., Inwood, N. Y. Insulator and hanger for same. 2,123,122; July 5.
- Shaw, Clarence W., Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Venting and closure device. 2,117,369; May 17.
- Shaw, Ernest C. (See Ganzert, Albert E., assignor.)
- Shaw, George R., Upper Warringham, England. Combined cushion and life belt. 2,132,544; Oct. 11.
- Shaw, Harold D., assignor to Independent Lock Company, Fitchburg, Mass. Doorknob. 2,105,616; Jan. 18.
- Shaw, Harold D., assignor to Independent Lock Company, Fitchburg, Mass. Doorknob. 2,105,617; Jan. 18.
- Shaw, Harold S. (See Shaw, William S. and H. S.)
- Shaw, Harry F., McKeesport, Pa. Rudder. 2,132,582; Oct. 11.
- Shaw, John C., assignor to Niles-Bement-Pond Company, Hartford, Conn. Propeller surfacing machine. 2,122,662; July 5.
- Shaw, John H., Dayton Beach, Fla., assignor to Sargent & Company, New Haven, Conn. Door lock. 2,124,897; July 26.
- Shaw, Julian C., assignor to The American Laundry Machinery Company, Norwood, Ohio. Garment cleaning system. 2,130,817; Sept. 20.
- Shaw, Louis E., East Orange, N. J., assignor to Ad Art Craft, New York, N. Y. Display device. 2,120,117; June 7.
- Shaw, Robert C., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating circuit. 2,110,278; Mar. 8.
- Shaw, Robert D., Brooklyn, N. Y., assignor to Niles-Bement-Pond Company, Hartford, Conn. Hydraulic operation and control of machine tools. 2,108,025; Feb. 8.
- Shaw, Robert D., assignor to Niles-Bement-Pond Company, Hartford, Conn. Chip breaker. 2,137,358; Nov. 22.
- Shaw, Robert J., and J. R. Slavsky, Detroit, Mich. Interchangeable sign. 2,140,033; Dec. 13.
- Shaw, Robert W., London, Ontario, Canada. Insole. 2,106,508; Jan. 25.
- Shaw, Thomas, Cranston, R. I. Hand truck body assembly and method. 2,130,161; Sept. 13.
- Shaw, Thomas M., Washington, D. C., and L. T. Alexander, Berwyn, Md.; dedicated to the free use of the public. Detecting ice formation. 2,133,483; Oct. 18.
- Shaw, Victor S., Cardington, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Plastic extrusion molding press. 2,107,190; Feb. 1.
- Shaw, Vincent L., Evanston, Ill. Circuit controlling apparatus for electric irons. 2,114,152; Apr. 12.
- Shaw-Walker Company, The. (See Gillette, LaVergne W., assignor.)
- Shaw-Walker Company, The. (See Hunt, George B., assignor.)



- Shaw, William C., Woodstock, Ontario, Canada, assignor, by mesne assignments, to Linderman Devices, Incorporated, Wilmington, Del. Diaphragm and making same. 2,104,776; Jan. 11.
- Shaw, William C., Woodstock, Ontario, Canada, assignor, by mesne assignments, to Linderman Devices, Incorporated, Wilmington, Del. Diaphragm. 2,117,219; May 10.
- Shaw, William S. and H. S., Grand Rapids, Mich. Drying leather. 2,113,035; Apr. 5.
- Shawcross, Ernest, Detroit, Mich. Concealed hinge. 2,112,472; Mar. 29.
- Shawham, Sam F. (See Ashley, C. M., and Shawhan.)
- Shawinigan Chemicals Limited. (See Matheson, H. W., and Morrison, assignors.)
- Shawmut Engineering Company. (See Bixby, Walter, assignor.)
- Shawver, William R. (See Grether, E. F. Shawver, and Du Vall.)
- Shay, Charles M., Hawthorne, N. J., assignor to Wright Aeronautical Corporation. Dynamic damper. 2,137,418; Nov. 22.
- Shayes, Fred P., and W. W. Hammond, Beeville, Tex. Device for detecting oil in well core samples. 2,110,310; Mar. 8.
- Shea, Gerald B., et al. (See Miller, Harold C., assignor.)
- Shea, Joseph L., Nashua, N. H. Electrical distribution system. 2,112,714; Mar. 29.
- Sheafe Engineering Company. (See Sheafe, James S., assignor.)
- Sheafe, James S., Casa Grande, Ariz., assignor to Sheafe Engineering Company, Inc., Chicago, Ill. Oil burner. 2,124,169; July 19.
- Sheaffer, Craig R., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,110,558; Mar. 8.
- Sheaffer, John E., Louisville, Ky. Matrix grinding and marking machine. 2,110,030; Mar. 1.
- Sheaffer, Milton W., Hanover, Pa. Headlight control means for motor vehicles. 2,105,866; Jan. 18.
- Sheaffer, W. A., Pen Company. (See Cuthbert, William R., assignor.)
- Sheaffer, W. A., Pen Company. (See Fish, Ned D., assignor.)
- Sheaffer, W. A., Pen Company. (See Heising, William F., assignor.)
- Sheaffer, W. A., Pen Company. (See Polk, Henry H., Jr., assignor.)
- Sheaffer, W. A., Pen Company. (See Prasch, Aloysius L., assignor.)
- Sheaffer, W. A., Pen Company. (See Senf, Oscar, assignor.)
- Sheaffer, W. A., Pen Company. (See Sheaffer, Craig R., assignor.)
- Sheaffer, W. A., Pen Company. (See Stempel, H. K., and Daugherty, assignors.)
- Shealey, Harry M. (See Gray, R. B., and Shealey.)
- Sheals, Vincent A., Schenectady, N. Y., assignor to General Electric Company. Oil filled cable and jointing the same. 2,133,405; Oct. 18.
- Shearer, David, Battle Creek, Mich. Theftproof electric lamp. 2,115,500; Apr. 26.
- Shearer, Frederic, Paris, France, assignor to American Radiator Company, New York, N. Y. Boiler. 2,114,360; Apr. 19.
- Shearer, George W., Montreal, Quebec, Canada. Humidifier. 2,141,417; Dec. 27.
- Shearer, Walter V. (See Householder, G., and Shearer.)
- Sheasby, Hugh C., Kimberley, South Africa. Pillow. 2,107,962; Feb. 8.
- Sheatsley, Paul W. (See McCormick, C. G., and Sheatsley.)
- Sheboygan Machine Company. (See Cook, March G., assignor.)
- Sheck, Oscar. (See Lichtenberg, E. H., and Sheck.)
- Sheedy, John M., Ontario, Calif. Valve. 2,123,477; July 12.
- Sheehan, Patrick J. (See Ritzenthaler, P. J., and Sheehan.)
- Sheehan, Thomas, and E. W. Philips, Anadarko, Okla. Cultivator attachment. 2,139,979; Dec. 13.
- Sheehan, William M. (See Locke, J. H., and Sheehan.)
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway car underframe. 2,114,819; Apr. 19.
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railroad-highway vehicle structure. 2,118,364; May 24.
- Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Car structure. 2,134,211; Oct. 25.
- Sheer, Harry, Brooklyn, N. Y. Metallic attachment. 2,108,905; Feb. 22.
- Sheeran, James J., Brooklyn, N. Y. Electric plug lifter. 2,134,345; Oct. 25.
- Sheet Polarizer Company. (See Kriebel, Richard T., assignor.)
- Sheet Polarizer Company. (See Land, Edwin H., assignor.)
- Sheet Polarizer Company. (See Wheelwright, George W., 3d, assignor.)
- Sheets, Joseph O., Chapman, Kans. Harvester-thresher unit. 2,122,673; July 5.
- Sheets, Robert A., Oak Park, and S. E. Noble, Lake Forest, Ill., assignors to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,115,979; May 3.
- Sheetz, Jet D. (See Baker, Charles L., assignor.)
- Sheffield Gage Corporation, The. (See Aller, Willis F., assignor.)
- Sheffield Gage Corporation, The. (See Poock, L. F., and Aller, assignors.)
- Sheffield, William M. (See Louisot, Felix, assignor.)
- Shelby, Leon, Fenton, Mich. T-lock joint. 2,116,584; May 10.
- Sheldon, Albert J., Willsboro, N. Y. Folding stool. 2,133,047; Oct. 11.
- Sheldon, Howard W., Clarksboro, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for the recovery of sulphuric acid. 2,108,870; Feb. 22.
- Sheldon, Murray B., Jersey City, N. J. Basket carrier. 2,133,834; Oct. 18.
- Sheldon, William M., Roselle Park, assignor to L. Ruprecht, Montclair, N. J. Reducing mill. 2,128,194; Aug. 23.
- Sheldon, William R., and J. F. Meehan, Jr., assignors of one-fourth to said Meehan, and three-fourths to A. Siegel, Brooklyn, N. Y. Bottle closure. 2,124,638; July 26.
- Sheldon, William R., and J. F. Meehan, Jr., assignors of one-fourth to said Meehan and three-fourths to A. Siegel, Brooklyn, N. Y. Nonrefillable bottle. 2,125,321; Aug. 2.
- Sheldrick, Henry W., assignor to Collier-Keyworth Company, Gardner, Mass. Chair iron. 2,140,058; Dec. 13.
- Shell Development Company. (See Anderson, Alvin P., assignor.)
- Shell Development Company. (See Beeck, O., Burgin, and Groll, assignors.)
- Shell Development Company. (See Bejarano, Julio G., assignor.)
- Shell Development Company. (See Bent, Franklin A., assignor.)
- Shell Development Company. (See Berry, Malcolm L., assignor.)
- Shell Development Company. (See Bert, Ernest J., assignor.)
- Shell Development Company. (See Bresler, Fritz, assignor.)
- Shell Development Company. (See Broeze, Johannes J., assignor.)
- Shell Development Company, The. (See Broeze, J. J., and Van Willigen, assignors.)
- Shell Development Company. (See Buchel, J. A., and Saal, assignors.)
- Shell Development Company. (See Cutting, Frank C., assignor.)
- Shell Development Company. (See Deanesly, Richard M., assignor.)
- Shell Development Company. (See de Jong, Johan R., assignor.)
- Shell Development Company. (See Donker, Hendrik J., assignor.)
- Shell Development Company. (See Egli, Heinrich, assignor.)
- Shell Development Company. (See Eichwald, Egon, assignor.)
- Shell Development Company. (See Engs, W., de Jong, and Tamele, assignors.)
- Shell Development Company. (See Evans, Theodore, assignor.)
- Shell Development Company. (See Evans, T., and Edlund, assignors.)
- Shell Development Company. (See Evjen, Haakon M., assignor.)
- Shell Development Company. (See Fairbairn, A. W., and Engs, assignors.)
- Shell Development Company. (See Francis, C. E., and Greensfelder, assignors.)
- Shell Development Company. (See Greensfelder, B. S., Spaght, and Britten, assignors.)
- Shell Development Company. (See Groll, Herbert P. A., assignor.)
- Shell Development Company. (See Groll, H. P. A., and Burgin, assignors.)
- Shell Development Company. (See Groll, H. P. A., and Hearne, assignors.)
- Shell Development Company. (See Groll, H. P. A., Hearne, Burgin, and La France, assignors.)
- Shell Development Company. (See Hoogendam, Adriaan M. L., assignor.)
- Shell Development Company. (See Huyser, H. W., and van Melsen, assignors.)
- Shell Development Company. (See Janssen, Hendrik J. J., assignor.)
- Shell Development Company. (See Langedijk, Siegfried L., assignor.)
- Shell Development Company. (See Langedijk, S. L., and Coltof, assignors.)
- Shell Development Company. (See Lindeke, Hans F., assignor.)
- Shell Development Company. (See Loomis, A. G., Byck, and Fidiam, assignors.)
- Shell Development Company. (See Malishev, Boris, assignor.)
- Shell Development Company. (See McAllister, S. H., and Bullard, assignors.)



- Shell Development Company. (See McKittrick, Donald S., assignor.)
- Shell Development Company. (See McKittrick, D. S., and Henriques, assignors.)
- Shell Development Company. (See Millar, R. W., and Groll, assignors.)
- Shell Development Company. (See Milmore, Oswald H., assignor.)
- Shell Development Company. (See Moravec, Richard Z., assignor.)
- Shell Development Company. (See Moser, Franz R., assignor.)
- Shell Development Company. (See Moser, F. R., and Tuyn, assignors.)
- Shell Development Company. (See Perquin, Johannes, N. J., assignor.)
- Shell Development Company. (See Pilat, S., and Godlewicz, assignors.)
- Shell Development Company. (See Retailiau, E. R. P. E., and Wyman, assignors.)
- Shell Development Company. (See Roelfsema, Petrus J., assignor.)
- Shell Development Company. (See Rosenstein, Ludwig, assignor.)
- Shell Development Company. (See Ryan, Julian G., assignor.)
- Shell Development Company. (See Schaafsman, Albert, assignor.)
- Shell Development Company. (See Spaght, Monroe E., assignor.)
- Shell Development Company. (See Straatman, Alphons G. H., assignor.)
- Shell Development Company. (See Tijmstra, Sijbren, assignor.)
- Shell Development Company. (See Tulleners, Anton J., assignor.)
- Shell Development Company. (See van der Minne, Johan L., assignor.)
- Shell Development Company. (See van der Waerden, Hendrikus, assignor.)
- Shell Development Company. (See van Dijk, Willem, J. D., assignor.)
- Shell Development Company. (See van Peski, Adrianus J., assignor.)
- Shell Development Company. (See van Peski, A. J., and Coltof, assignors.)
- Shell Development Company. (See van Peski, A. J., and Tulleners, assignors.)
- Shell Development Company. (See van Wijk, Willem R., assignor.)
- Shell Development Company. (See von Stietz, George E. G., assignor.)
- Shell Development Company. (See von Thyssen-Bornemisza, Stephan Baron, assignor.)
- Shell Development Company. (See Voogd, Maarten, assignor.)
- Shell Development Company. (See Waterman, H. L., Leendertse, and de Kok, assignors.)
- Shell Development Company. (See Welke, Ferdinand G., assignor.)
- Shell Development Company. (See Whitney, Gary M., assignor.)
- Shell Development Company. (See Yabroff, D. L., and Givens, assignors.)
- Shell Development Company. (See Yates, Wallace J., assignor.)
- Shellenberger, Rolfe. (See Hardgrove, R. M., Shellenberger, Heller, and Godshalk.)
- Shellmar Products Company. (See Dowling, Edward S., assignor.)
- Shellmar Products Company. (See Engel, William H., assignor.)
- Shellmar Products Company. (See Gurwick, Irving, assignor.)
- Shellwood-Johnson Company, The. (See Schellens, Eugene L., assignor.)
- Shelly, Franklin E. (See Nash, A. E., and Shelly.)
- Shelton, Dwight J., B. Jacoby, and G. B. Heffelfinger, assignors to The Marlon Steam Shovel Company, Marion, Ohio. Fair-lead. 2,133,406; Oct. 18.
- Shelton, Rob R. (See Morin, L. O., Jr., and Shelton.)
- Shelton, Stephen M., Reno, Nev., assignor to Government of the United States as represented by the Secretary of the Interior. Electrolytic extraction of metallic manganese. 2,119,560; June 7.
- Shelton, Thomas H., Eugene, Oreg. Sweep rake. 2,130,292; Sept. 13.
- Shelton, W. G., Company. (See Racen, Ferdinand, assignor.)
- Shenk, Mendel, Brooklyn, N. Y. Windmill. 2,119,142; May 31.
- Shenk, Robert H., assignor to American Flexible Coupling Company, Erie, Pa. Flexible shaft coupling. 2,110,844; Mar. 8.
- Shenk, William E., East Orange, and B. M. Larsen, Elizabeth, N. J., assignors to United States Steel Corporation, New York, N. Y. Method and apparatus for determining the temperatures of molten baths. 2,127,889; Aug. 23.
- Shenk, William E., East Orange, and B. M. Larsen, Elizabeth, N. J., assignors to United States Steel Corporation, New York, N. Y. Regenerative furnace reversing means. 2,139,861; Dec. 13.
- Shenton, Francis, assignor to Frick Company, Waynesboro, Pa. Packless float switch. 2,110,415; May 3.
- Shepard, David C. (See Brandt, William A., assignor.)
- Shepard, David C. (See Smith, Swan, assignor.)
- Shepard, David C., et al. (See Smith, Swan, assignor.)
- Shepard, Everett H., assignor to General Motors Corporation, Detroit, Mich. Ignition timing control. 2,131,413; Sept. 27.
- Shepard, Francis H., Jr. (See Sperry, E. A., Jr., and Shepard.)
- Shepard, Francis H., Jr., Rutherford, N. J., assignor to Radio Corporation of America. Amplifier circuit. 2,137,419; Nov. 22.
- Shepard, Francis H., Jr., Rutherford, N. J., assignor to Radio Corporation of America. Integration indicating circuit. 2,139,474; Dec. 6.
- Shepard, Frederick J., Jr., West Newton, and N. Warshaw, Mattapan, assignors to Lewis-Shepard Company, Watertown, Mass. Industrial platform. 2,109,784; Mar. 1.
- Shepard, James F., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Plural press control. 2,124,898; July 26.
- Shepard, Kelvin K., Washington, D. C., assignor of two-thirds to H. M. Birch, Bethesda, Md. Recording instrument. 2,137,592; Nov. 22.
- Shepherdson, John W., assignor to Morgan Construction Company, Worcester, Mass. Manufacture of beveled edge strip. 2,120,473; June 14.
- Shepherd, Sidney, East Bridgford, near Bingham, England. Yarn package. 2,120,910; June 14.
- Shepherd, Alfred W., Maplewood, N. J., assignor of one-half to Oscar F. Carlson Company, and one-half to E. N. McDonnell, Chicago, Ill. Control switch. 2,136,220; Nov. 8.
- Shepherd, Ann P., Boston, Mass. Garment blocking and stretching form. 2,119,604; June 7.
- Shepherd, Charles M. (See Hoagland, R. W., and Shepherd.)
- Shepherd, Judson O., Atlanta, Ga. Traffic control system. 2,126,144; Aug. 9.
- Shepherd, Thomas C. R., Hale Barns, England, assignor to General Electric Company. Welding fluxes. 2,139,522; Dec. 6.
- Shepherd, Thomas C. R., Stretford, England, assignor to General Electric Company. Arc welding flux. 2,141,938; Dec. 27.
- Shepherd, Thomas L., London, England. Rubber process. 2,113,498; Apr. 5.
- Shepherd, Thomas L., London, England. Fabric, paper, leather, or the like. 2,116,289; May 3.
- Shepherd, Thomas L., London, England. Making or producing elastic threads of rubber or the like. 2,122,726; July 5.
- Shepherd, Thomas L., London, England. Rubber process and product. 2,122,727; July 5.
- Shepherd, Thomas L., London, England. Rubber process and product. 2,122,728; July 5.
- Shepherd, Thomas L., London, England. Production or manufacture of threads or filaments of artificial silk and the like. 2,125,032; July 26.
- Shepherd, Thomas L., London, England. Shirt detachably combined with collar. 2,125,033; July 26.
- Shepherd, Thomas L., London, England. Apparatus for forming rubber thread. 2,125,034; July 26.
- Shepherd, Thomas L., London, England. Elastic or rubber thread or yarn and manufacturing the same. 2,131,981; Oct. 4.
- Shepherd, Thomas L., London, England. Rubber process. 2,131,982; Oct. 4.
- Shepherd, Thomas L., London, England. Elastic yarn and making it. 2,131,983; Oct. 4.
- Shepherd, William W., et al. (See King, James F., assignor.)
- Shepherd Worsted Mills. (See Le Coney, Joseph H., assignor.)
- Sheppard, C. E., Co., The. (See Kornahrens, John H. O., assignor.)
- Sheppard, C. E., Co., The. (See Newall, Arthur T., assignor.)
- Sheppard, C. E., Co., The, et al. (See Sheppard, John W., assignor.)
- Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Plating knit fabric. 2,129,593; Sept. 6.
- Sheppard, Joel F., and C. J. Manuel, Dover, N. H., and W. A. Pringle, assignors to American Sales Book Company, Inc., Niagara Falls, N. Y. Strip feed mechanism for record machines. 2,127,704; Aug. 23.
- Sheppard, John, Benton Hill, Horbury, near Wakefield, assignor to Richard Sutcliffe Limited, Horbury, near Wakefield, England. Mechanical loader for loose materials. 2,135,773; Nov. 8.
- Sheppard, John W., Larchmont, assignor of one-half to The C. E. Sheppard Co., Long Island City, N. Y., and of one-half to The Aetna Casualty & Surety Co., Hartford, Conn. Visible card index. 2,140,926; Dec. 20.
- Sheppard, Samuel E., and R. C. Houck, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsions. 2,127,573; Aug. 23.
- Sheppard, Samuel E., and W. Vanselow, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Heat sensitive compositions. 2,129,242; Sept. 6.



- Sheppard, Samuel E., R. C. Houck, and R. H. Lambert, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Sensitizing and hardening photographic emulsions. 2,139,774; Dec. 13.
- Sher, Samuel, Chicago, Ill. Lamp. 2,115,883; May 3.
- Shera, John W., Oak Park, Ill. Bath curtain. 2,120,155; June 7.
- Shera, John W., Chicago, Ill., assignor to American Flange & Manufacturing Co. Inc. Closure structure for metallic containers. Re. 20,647; Feb. 1.
- Sherar, Stuart, Tulsa, Okla., assignor to Standard Oil Development Company. Use of a distributed charge in seismic prospecting. 2,133,484; Oct. 18.
- Sheras, Morris. (See Melhman, A., and Sheras.)
- Sherbondy, Henry H., Bala Cynwyd, Pa. Valve control apparatus. 2,123,637; July 12.
- Sherbondy, William E., Shaker Heights, Ohio. Dispensing receptacle for plastic substances. 2,106,577; Jan. 25.
- Sherbondy, William E., Cleveland, Ohio. Gun for discharging plastic compositions. 2,115,591; Apr. 26.
- Sheridan, John J., et al. (See Hönig, Heinrich, assignor.)
- Shering-Kahlbaum A. G. (See Diedrich, Paul, assignor.)
- Sherk, Harold C., assignor to Erie Resistor Corporation, Erie, Pa. Resistor. 2,122,160; June 28.
- Sherlin, Edward C., Fort Payne, Ala., and W. Larkin, Norristown, Pa., assignors to Fidelity Machine Company, Wilmington, Del. Attachment for knitting machines. 2,138,748; Nov. 29.
- Sherman, Alvin G., Grosse Pointe, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Cabinet stove and constructing and assembling. 2,140,408; Dec. 13.
- Sherman, Alvin G., and H. E. Mills, Detroit, Mich., assignors to Borg-Warner Corporation. Stove. 2,133,835; Oct. 18.
- Sherman, Charles T., Houston, Tex. Casket. 2,111,337; Mar. 15.
- Sherman, Charles W., assignor to himself and Leo C. Waible, Boston, Mass. Door structure. 2,124,170; July 19.
- Sherman, Charles W., Boston, Mass. Diffusing screen. 2,129,154; Sept. 6.
- Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile frame adjunct. 2,107,191; Feb. 1.
- Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Shock absorber mounting for automobiles. 2,111,696; Mar. 22.
- Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Attachment for automobile frames. 2,111,697; Mar. 22.
- Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Fifth wheel. 2,138,679; Nov. 29.
- Sherman, Donald W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile frame. 2,118,365; May 24.
- Sherman, Edwin P., assignor to The Geo. E. Sherman Company, Inc., Brooklyn, N. Y. Bleaching process. 2,113,906; Apr. 12.
- Sherman, Ernst C. (See McAlister, J. S., and Sherman.)
- Sherman, Fred E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-upper edge-treating machine. 2,125,960; Aug. 9.
- Sherman, Geo. E., Company, The. (See Sherman, Edwin P., assignor.)
- Sherman, Henry, West Cocksackie, N. Y. Harmonica holder. 2,130,707; Sept. 20.
- Sherman, Henry W., Reading, Pa. Knitting machine yarn control. 2,112,610; Mar. 29.
- Sherman, Isidore. (See Slutsky, Samuel, assignor.)
- Sherman, Jacob D., C. S. Reed, and O. C. Currie, assignors to Reynolds Spring Company, Jackson, Mich. Composite structural member. 2,134,674; Oct. 25.
- Sherman, John Q. (See Dybvig, Henry G., assignor.)
- Sherman, John Q. (See Metzner, Albert W., assignor.)
- Sherman, John Q., Dayton, Ohio. Air cooling apparatus. Re. 20,804; July 19.
- Sherman, John Q., Dayton, Ohio. Attachment for writing machines. 2,106,765; Feb. 1.
- Sherman, John Q., Dayton, Ohio. Paper feeding device for writing machines. 2,109,510; Mar. 1.
- Sherman, John Q., Dayton, Ohio. Pin type-feeding means for manifolding material. 2,113,455; Apr. 5.
- Sherman, John Q., Dayton, Ohio. Manifolding packet. 2,118,828; May 31.
- Sherman, John Q., Dayton, Ohio, assignor to The Standard Register Company. Pin feed platen roll. Re. 20,888; Oct. 18.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman. Manifolding attachment. 2,116,545; May 10.
- Sherman, John Q., and A. A. Goppert, Dayton, Ohio; said Goppert assignor to said Sherman. Portable registering device. 2,121,830; June 28.
- Sherman, John Q., and W. A. Yackley, Dayton, Ohio; said Yackley assignor to said Sherman. Nontransfer manifolding material. 2,135,538; Nov. 8.
- Sherman, Louie A., Florissant, assignor to Safetee Torpedo Corporation, St. Louis, Mo. Fusee. 2,120,580; June 14.
- Sherman Paper Products Corporation. (See Ives, Charles Q., assignor.)
- Sherman, Rallston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Liquid fuel burner. 2,119,969; June 7.
- Sherman, Rallston M., Glastonbury, and J. Carlberg and G. R. Neumann, West Hartford, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Rotary bladed structure. 2,111,817; Mar. 22.
- Sherman, Rallston M., Glastonbury, and J. Carlberg, West Hartford, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Rotary bladed structure. 2,111,818; Mar. 22.
- Sherman, Rallston M., Glastonbury, and J. Carlberg and G. R. Neumann, West Hartford, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Apparatus for burning liquid fuel. 2,133,485; Oct. 18.
- Sherman, Rallston M., Glastonbury, and J. Carlberg, West Hartford, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Apparatus for burning liquid fuel. 2,133,486; Oct. 18.
- Sherman, Ralph P. (See Schlumpf, R. W., and Sherman.)
- Sherman, Ralph P. (See Scott, F. L., and Sherman.)
- Sherman, Ralph P., assignor to Hughes Tool Company, Houston, Tex. Cutter flushing device. 2,104,823; Jan. 11.
- Sherman, Ralph P., assignor to Hughes Tool Company, Houston, Tex. Overshot. 2,128,102; Aug. 23.
- Sherman, Sol, New York, N. Y. Bow necktie. 2,104,625; Jan. 4.
- Sherman, Vernon W. (See Breer, C., Goode, and Sherman.)
- Sherman, William J., Bayonne, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting torch. 2,110,181; Mar. 8.
- Sherrard, Earl C., E. Beglinger, and J. P. Hohf, and E. Bateman, deceased, by W. T. Bateman, special administrator, Madison, Wis., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America. Plastic composition. 2,130,783; Sept. 20.
- Sherrard, Earl C., E. Beglinger, J. P. Hohf, and E. Bateman, deceased, by W. T. Bateman, Madison, Wis., special administrator, assignors to H. A. Wallace, Secretary of Agriculture of the United States of America. Plastic composition. 2,137,119; Nov. 15.
- Sherrell, John W., Roswell, N. Mex. Oil can opener. 2,131,644; Sept. 27.
- Sherriff-Goslin Co. (See Goslin, Bert G., assignor.)
- Sherrill, O. L., et al. (See Knapp, Kenneth C., assignor.)
- Sherritt, Frank. (See Baumont, C. A., and Sherritt.)
- Sherts, James H., and B. J. Dennison, Tarentum, Pa., assignors to Duplate Corporation. Making safety glass. 2,106,766; Feb. 1.
- Sherwin-Williams Company, The. (See Frye, Robert, assignor.)
- Sherwin-Williams Company, The. (See Frye, R., and O'Neal, assignors.)
- Sherwin-Williams Company, The. (See Frye, R., and Vagenius, assignors.)
- Sherwin-Williams Company, The. (See Holmes, Edward D., assignor.)
- Sherwin-Williams Company, The. (See Hunn, James V., assignor.)
- Sherwin-Williams Company, The. (See Saunders, Harold F., assignor.)
- Sherwin-Williams Company, The. (See Saunders, H. F., and Downs, assignors.)
- Sherwin-Williams Company, The. (See Smith, A. L., and Curtis, assignors.)
- Sherwin-Williams Company, The. (See Sterba, Melvin J., assignor.)
- Sherwood, Albert L. (See Annen, J. E., and Sherwood.)
- Sherwood, Frank D., Beaver Dam, Wis. Candle holder. 2,104,139; Jan. 4.
- Sherwood, Glenn L., assignor to Kaywood Corporation, Benton Harbor, Mich. Door check. 2,115,968; May 3.
- Sherwood, Mather W., Chicago, Ill. Nonrefillable bottle closure. 2,137,930; Nov. 15.
- Sherwood, Thomas K., Wellesley, Mass., and L. E. Garono, Buffalo, assignors to Research Corporation, New York, N. Y. Drying. 2,131,645; Sept. 27.
- Sheshunoff, Victor. (See Whitfield, M. G., and Sheshunoff.)
- Shesler, Laurence F., Yonkers, N. Y. Guide for valves for flush tanks. 2,139,862; Dec. 13.
- Shevlin, Joseph P., assignor to C. S. Pickering, Los Angeles, Calif. Adhesive spraying attachment. 2,113,244; Apr. 5.
- Shick, Lellah E., assignor of one-half to M. I. Ivie, Portland, Ore. Metal dishcloth. 2,139,175; Dec. 6.
- Shickluna, Kitt S. (See Braun, J. L., and Shickluna.)
- Shields, Frank S., Jamaica, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Running register. 2,121,104; June 21.
- Shields, Frank S., Jamaica, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Running register. 2,121,105; June 21.
- Shields, Jesse W., assignor to The Firestone Steel Products Company, Akron, Ohio. Weighted tractor wheel. 2,123,861; July 12.
- Shields, John W., assignor to International Door Company, Evansville, Ind. Revolving door mechanism. 2,114,405; Apr. 19.



- Shields, John W., assignor, by mesne assignments, to International Door Company, Evansville, Ind. Weather-proof panel structure and making same. 2,121,512; June 21.
- Shields, John W., assignor to International Door Company, Evansville, Ind. Illumination means for revolving doors. 2,136,323; Nov. 8.
- Shields, Percy. (See Kramer, E., Shields, and Gitelson.)
- Shields, Robert A. (See Barlow, I. C., and Shields.)
- Shields, William C., Bombay, N. Y. Leather cutting machine. 2,121,716; June 21.
- Shields, William H., assignor to The Palm Bros. Decalcomania Co., Cincinnati, Ohio. Ink. 2,137,463; Nov. 22.
- Shields, William R., assignor to Hi-Production Wheel Corporation, Detroit, Mich. Protecting hood. 2,124,042; June 19.
- Shiffer, William H., and M. M. Holm, Berkeley, and M. F. Miller, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Producing alcohols from alkyl sulphuric acids. 2,106,877; Feb. 1.
- Shiffer, William H., and J. Q. Cope, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Distillation. 2,115,401; Apr. 26.
- Shiffer, William H., and M. M. Holm, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Oxidizing hydrosulphides. 2,135,879; Nov. 8.
- Shiffer, William H., and P. S. Danner, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Production of precipitated sulphur. 2,138,214; Nov. 29.
- Shiffer, William H., and M. M. Holm, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Producing sulphur compounds. 2,138,215; Nov. 29.
- Shiffman, Jerome, and H. Gross, New York, N. Y. Display box. 2,126,049; Aug. 9.
- Shiffman, Jerome, and H. Gross, New York, N. Y. Display box. 2,126,050; Aug. 9.
- Shigley, William W., Belleville, N. J., assignor of one-half to E. D. Bush and one-half to C. A. Bush, Brooklyn, N. Y. Changeable light advertising device. 2,138,888; Dec. 6.
- Shiley, Arthur J., Philadelphia, Pa. Pipe cutter's collapsible bench. 2,110,718; Mar. 8.
- Shinamoto, Takejiro, Hilo, Hawaii. Animal trap. 2,129,594; Sept. 6.
- Shimer, John M. (See Brantly, J. E., and Shimer.)
- Shimer, John M., assignor to Oil Well Supply Company, Dallas, Tex. Feed water heater. 2,119,652; June 7.
- Shimer, John M., assignor to Oil Well Supply Company, Dallas, Tex. Pump. 2,133,048; Oct. 11.
- Shimer, John M., assignor to Oil Well Supply Company, Dallas, Tex. Thread protector. 2,133,049; Oct. 11.
- Shimizu, Esau. (See Shimizu, Frank K. and E.)
- Shimizu, Frank K. and E., San Jose, Calif. Berry basket. 2,108,816; Feb. 1.
- Shimizu, Takeo, assignor to Zaidan Hojin Rikagaku Kenkyujo, Tokyo, Japan. Cinematographic film winding mechanism. 2,135,357; Nov. 1.
- Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Strap end connecting device. 2,112,742; Mar. 29.
- Shipley, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,105,673; Jan. 18.
- Shipley, Bernis M., P. Shurlino, and E. H. Placke, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,113,412; Apr. 5.
- Shipley, Elmer R. (See Groene, W. L., and Shipley.)
- Shipley, George C., San Antonio, assignor of twenty-five percent to F. Turner, Jr., Midland, Tex. Electric fan. 2,121,177; June 21.
- Shipley, Sylvanus C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic switching mechanism. 2,117,514; May 17.
- Shipley, Tolbott G., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. Car construction. 2,139,288; Dec. 6.
- Shipp, Joseph H. (See Hunt, J. K., and Shipp.)
- Shipp, Vladimir L., New York, and A. H. Boenau, Long Island City, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of asphalt. 2,120,376; June 14.
- Shipp, Vladimir L., New York, A. H. Boenau, Sunnyside, and J. W. Ramsay, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of asphalt. 2,120,377; June 14.
- Shippee, Carl C. (See Shippee, Winsor and C. C.)
- Shippee, Robert, Rumson, N. J., and E. H. Corlett, Lewisboro Township, Westchester County, N. Y.; said Corlett assignor to said Shippee. Toy. 2,128,435; Aug. 30.
- Shippee, Winsor and C. C., Red Bank, N. J. Fastening device. 2,120,530; June 14.
- Shippy, Leo C., Lockport, N. Y., and W. O. Gebhart, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making hollow bodies. 2,105,704; Jan. 18.
- Shipstedt, Axel F. (See Searling, H. R., and Shipstedt.)
- Shipton, Edward, London, and O. D. Kennedy, Burnham, England. Impulse transmitter. 2,134,626; Oct. 25.
- Shipway, George E., Darien, Noroton, Conn., assignor to Johns-Manville Corporation, New York, N. Y. Structural assembly and method of making the same. 2,116,452; May 3.
- Shipway, George E., Noroton, Conn., and A. V. Pretot, Westfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Wall assembly. 2,114,770; Apr. 19.
- Shivell, Kirk. (See Rembalinsky, Louis, assignor.)
- Shively, George B., Waynesboro, Pa. Loss prevention device. 2,126,826; Aug. 16.
- Shively, James H., Houston, Tex. Liquid testing device. 2,131,526; Sept. 27.
- Shively, John J. (See Rockwell, E. A., and Shively.)
- Shively, John J., New York, N. Y. Automatic defrosting and deicing system. 2,115,431; Apr. 26.
- Shively, John J., assignor, by mesne assignments, to Service Devices, Incorporated, New York, N. Y. Illuminated sign. 2,118,385; May 24.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration system. 2,116,801; May 10.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control apparatus. 2,116,802; May 10.
- Shkolnick, Joseph W., Centerville, Iowa. Sealing device for pipe joints. 2,130,039; Sept. 13.
- Shoan, Nels. (See Beckman, William R., assignor.)
- Shoe Form Co. (See de Witt, William J., assignor.)
- Shoe Lace Company. (See Soybel, M. M., and Lamb, assignors.)
- Shoeld, Mark. (See Gabeler, W. H., Wilson, Tongue, and Shoeld.)
- Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Treating petroleum wax. 2,116,220; May 3.
- Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Lubricating oil. 2,139,335; Dec. 6.
- Shoemaker, Bernard H., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Color stable viscous hydrocarbon oil. 2,125,961; Aug. 9.
- Shoemaker, Glen W., Portland, Ore., assignor to the Government of the United States of America, represented by the Secretary of War. Apparatus for altering the position of fishway portals. 2,125,962; Aug. 9.
- Shoemaker, Malcolm G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,133,962; Oct. 25.
- Shoemaker, Mark W., Chicago, Ill., assignor to The Rotary Printing Company, Norwalk, Ohio. Manifolding device. 2,130,909; Sept. 20.
- Shoemaker, Richard W., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Composite bus-bar. 2,104,824; Jan. 11.
- Shoemaker, Richard W., Woodbury, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Bus-bar. 2,110,743; Mar. 8.
- Shoemaker, Richard W., Woodbury, assignor to The Chase Companies Incorporated, Waterbury, Conn. Float for air valves. 2,113,499; Apr. 5.
- Shoemaker, Richard W., Woodbury, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Lighting fixture. 2,121,575; June 21.
- Shoemaker, Robert W., Anderson, Ind., assignor to A. J. R. Greer, Morgantown, W. Va. Pickling machine. 2,120,843; June 14.
- Shoemaker, William, assignor to Decometal Incorporated, Dayton, Ky. Catch. 2,138,514; Nov. 29.
- Shoenberg, Isaac, London, C. S. Bull, Hillingdon, and S. Rodda, Enfield, assignors to Electric and Musical Industries Limited, Middlesex, England. Electron discharge device. 2,107,519; Feb. 8.
- Shoenberg, Isaac, London, C. S. Bull, Hillingdon, and S. Rodda, Southall, assignors to Electric and Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device and circuits therefor. 2,113,801; Apr. 12.
- Shoenberg, Isaac, London, G. E. Condliffe, Buckinghamshire, and W. F. Tedham, Abbey Wood, London, assignors to Electric and Musical Industries Limited, Hayes, England. Cathode ray tube. 2,119,119; May 31.
- Shoglow, Harry, Cambridge, assignor to Patent Products Corp., Boston, Mass. Bathing accessory. 2,106,664; Jan. 25.
- Sholes, Justin G., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Self administration of gaseous anesthetics. 2,119,446; May 31.
- Shomaker, Wesley P., assignor to The Duplex Envelope Company, Inc., Richmond, Va. Printing press. 2,116,609; May 10.
- Shonle, Horace A. (See Kielderer, R. C., and Shonle.)
- Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Methylally-substituted barbituric compound. 2,106,138; Jan. 18.
- Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Methylally substituted barbituric compound. 2,106,139; Jan. 18.
- Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Alkanolammonium tartrates and making them. 2,118,769; May 24.
- Shonnard, Harold W., Montclair, N. J. Multipart hand rail for moving stairways. 2,110,031; Dec. 13.



- Shonnard, Orlando D., Upper Montclair, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Device for applying granular materials. 2,106,470; Jan. 25.
- Shook, Florain J., assignor to National Rubber Machinery Company, Akron, Ohio. Tire building apparatus. 2,109,437; Feb. 22.
- Shook, Florain J., Akron, Ohio, assignor to National Standard Company, Niles, Mich. Bead-building apparatus. 2,115,450; Apr. 26.
- Shorb, Norbert N., San Francisco, Calif. Aerial advertising. 2,134,987; Nov. 1.
- Shores, Roy L., assignor of one-half to Panama Pump Company, Panama City, Fla. Fish spear. 2,135,414; Nov. 1.
- Shorrock, James P., assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Skein-forming device. 2,136,025; Nov. 8.
- Shorrock, James P., assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Core covering machine. 2,136,026; Nov. 8.
- Short, Bladen M. (See Jandus, H. S., and Short.)
- Short, Bladen M., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover and lock therefor. 2,107,015; Feb. 1.
- Short, Bladen M., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Wheel assembly. 2,108,145; Feb. 15.
- Short, Bladen M., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Wheel hub lock structure. 2,109,684; Mar. 1.
- Short, Charles E. (See Dressel, G. F., and Short.)
- Short, Graham H. (See Reid, J. A., and Short.)
- Short, Ira, Prospect Park, and H. C. Brown, Philadelphia, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,119,688; June 7.
- Short, John F. (See Langwell, H., Maddocks, and Short.)
- Short, Robert J. (See Burt, R. V., Duncan, and Short.)
- Short, Victor W., Kirkwood, assignor to Endicott Johnson Corporation, Endicott, N. Y. Cutting die. 2,129,448; Sept. 6.
- Shortell, Albert V., Manchester, N. H. Apparatus for blacking the edges of soles for shoes. 2,138,515; Nov. 29.
- Shough, Philip J., West Brighton, Staten Island, N. Y. Oil gauge rod wiper. 2,134,806; Nov. 1.
- Shoults, David R. (See Lauder, A. H., and Shoults.)
- Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,123,066; July 5.
- Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,141,939; Dec. 27.
- Shoup, Allen A., assignor to Universal Stamping & Mfg. Co., Chicago, Ill. Sound reproducing and recording mechanism for the films of motion picture projectors. 2,107,743; Feb. 8.
- Shoup, Edward C., and S. A. Hollcraft, Riverside, Calif. Sewing machine attachment. 2,130,969; Sept. 20.
- Shoup, John T. (See Welch, R. L., and Shoup.)
- Shoup, Ransom F., Ardmore, assignor to The Shoup Voting Machine Corporation, Philadelphia, Pa. Counter. 2,140,336; Dec. 13.
- Shoup Voting Machine Corporation, The. (See Shoup, Ransom F., assignor.)
- Shouse, James E., Louisville, Ky. Cigarette package. 2,130,475; Sept. 20.
- Showalter, Jere C., Goose Creek, Tex., assignor to Standard Oil Development Company. Treating lubricating oils. 2,119,120; May 31.
- Showalter, Russell C., Oklahoma City, Okla. Apparatus for severing pipe. 2,129,969; Sept. 13.
- Shower Sales Corporation. (See Winston, Frank T., assignor.)
- Shroyer, Jacob L., Oak Park, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Frying apparatus. 2,134,675; Oct. 25.
- Shpater, David, Brooklyn, N. Y. Strip guiding attachment for sewing machines. 2,120,911; June 14.
- Shrader, John A., Kitchel, Ind. Defroster. 2,130,036; Sept. 13.
- Shrader, Terry M., West Summit, N. J., assignor to Radio Corporation of America. Photoelectric relay. 2,104,825; Jan. 11.
- Shreve, Edward S. (See Leonard, J. D., and Shreve.)
- Shrewsbury, Lemuel A., Hamilton, assignor of one-half to A. E. McCrary, St. Joseph, Mo. Stake and pulling and driving means therefor. 2,125,204; July 26.
- Shriver, Charles, Massillon, Ohio. Pickling tank. 2,120,716; June 14.
- Shrum, Arthur T., Poland, assignor, by mesne assignments, to W. C. Coryell, Youngstown, Ohio. Manufacture of mineral wool. 2,131,599; Sept. 27.
- Shudnow, Frank E. (See Ellinson, William J., assignor.)
- Shuger, John K., et al. (See White, Frank M., assignor.)
- Shuger, Leroy W., assignor to Baltimore Paint and Color Works, Inc., Baltimore, Md. Polishing composition. 2,108,214; Feb. 15.
- Shuholm, Lester C., Portland, Oreg. Refrigerant compressor. 2,134,958; Nov. 1.
- Shuko, Stephen. (See Garrison, John J.)
- Shuler Axle Company. (See Dougherty, Gerald A., assignor.)
- Shulman, Le Roy, and H. C. Jarvis, assignors to Shulmansizer, Inc., Norfolk, Va. Inseam measuring device. 2,112,928; Apr. 5.
- Shulman, Le Roy, H. C. Jarvis, and W. S. Thomason, Norfolk, Va., and C. M. O'Brien and T. J. Schreiber, Baltimore, Md., assignors to Shulmansizer, Inc., Norfolk, Va. Inseam measuring device. 2,112,929; Apr. 5.
- Shulman, Le Roy, and H. C. Jarvis, assignors to Shulmansizer, Incorporated, Norfolk, Va. Sleeve length comparison device. 2,112,930; Apr. 5.
- Shulman, Max L., Washington, D. C. Cage construction. 2,133,637; Oct. 18.
- Shulmansizer, Inc. (See Shulman, L., and Jarvis, assignors.)
- Shulmansizer, Inc. (See Shulman, L., Jarvis, Thomason, O'Brien, and Schreiber, assignors.)
- Shults, George W. (See Thurn, W. N., and Shults.)
- Shuman, Ellsworth A. (See Shuman, Leo, assignor.)
- Shuman, Leo, assignor to E. A. Shuman, Spokane, Wash. Sandwich cooker. 2,125,589; Aug. 2.
- Shuman, Royal L., Newark, N. J., assignor to Celluloid Corporation. Refining commercial phenolic compounds. 2,113,951; Apr. 12.
- Shuman, Royal L., Newark, N. J., assignor to Celluloid Corporation. Producing aryl phosphates. 2,133,310; Oct. 18.
- Shuman, Royal L., Newark, N. J., assignor to Celluloid Corporation. Apparatus for the production of aryl phosphates. 2,133,311; Oct. 18.
- Shurback, Samuel, North Kansas City, Mo., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Manufacture of starch. 2,141,562; Dec. 27.
- Shurley, Frederick, Salt Lake City, Utah, assignor to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada. Nonoil vitreous enamel. 2,104,531; Jan. 4.
- Shurley, Frederick, Salt Lake City, Utah, assignor to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada. Machine for printing directly on metal or glass and the like. 2,108,597; Feb. 15.
- Shurley, Frederick, Salt Lake City, Utah, assignor to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada. Conveyor apparatus. 2,109,360; Feb. 22.
- Shuron Optical Company. (See Rohrbach, John J., assignor.)
- Shuster, Sidney M., Philadelphia, Pa. Body garment with detachable sleeve. 2,122,873; July 5.
- Shute, Alfred J., assignor to Electric Household Utilities Corporation, Chicago, Ill. Cabinet ironer. 2,124,987; July 26.
- Shute, Alfred J., assignor to Electric Household Utilities Corporation, Chicago, Ill. Cabinet ironing machine. 2,124,988; July 26.
- Shute, Arthur C. (See Bergen, W. V., and Shute.)
- Shute, Charles W., Boston, assignor to F. T. Walsh, doing business as Thomas Leyland Machinery Company, Boston, Mass. Bowed expander roll. 2,131,692; Sept. 27.
- Shutt, Charles C., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Damper winding thermal protection. 2,117,915; May 17.
- Shyvers, Ken C., assignor of one-fourth to C. B. Cannon, Chicago, Ill. Game apparatus. 2,136,060; Nov. 8.
- Sibbe, Carl F., assignor to American Engineering Company, Philadelphia, Pa. Fluid control mechanism. 2,133,118; Oct. 11.
- Sibbert, Edward F., Brooklyn, assignor to S. H. Kress and Company, New York, N. Y. Illumination. 2,134,491; Oct. 25.
- Sibille, John, Sunsett, assignor to Cotton Products Co., Inc., Opelousas, La. Vegetable brusher and grader. 2,139,318; Dec. 6.
- Sibbitt, Ellard L. (See Lindquist, O. A., and Sibbitt.)
- Sibert, Clarence E. (See Shaver, G. W., and Sibert.)
- Sibley, Edward L., Bennington, Vt. Stapler. 2,141,366; Dec. 27.
- Sibley, Edwin J., Westbury, N. Y. Door stay and holder. 2,104,172; Jan. 4.
- Sibley, Gerald J., Alameda, Calif., assignor to Mathews Conveyor Company, Ellwood City, Pa. Automatic traffic control for conveyers. 2,130,330; Sept. 13.
- Sibley, Lucien M., Titusville, Pa. Container capping machine. 2,125,821; Aug. 2.
- Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,108,782; Feb. 15.
- Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company. Animal dip. 2,122,389; June 28.
- Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Mineral oil products. 2,134,959; Nov. 1.
- Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Insecticidal composition. 2,138,516; Nov. 29.
- Sibson, Walter W. (See Allsop, T., and Sibson.)
- Sibson, Walter W., assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Baking machine for textile materials. 2,104,173; Jan. 4.
- Siccon, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor protecting plate. 2,110,922; Mar. 15.



- Sichère, René M., Long Island City, N. Y. Container for liquid paints. 2,120,531; June 14.
- Sickinger, William H., Chicago, assignor to Crown Stove Works, Cicero, Ill. Oven door. 2,111,055; Mar. 15.
- Sickinger, William H., Chicago, assignor to Crown Stove Works, Cicero, Ill. Electric cooking utensil. 2,111,056; Mar. 15.
- Sickles, F. W., Company. (See Benner, Howard J., assignor.)
- Side, Frederick W. (See Harrison, T. R., and Side.)
- Sidebotham, Melvin H., West Newton, assignor to Specialty Automatic Machine Company, Medford, Mass. Method and machine for making locked corner boxes. 2,112,121; Mar. 22.
- Sidebotham, Melvin H., West Newton, assignor to Specialty Automatic Machine Company, Medford, Mass. Paper container for fluid. 2,139,626; Dec. 6.
- Sieenthaler, Thomas L. (See Fear, E. D., and Sieenthaler.)
- Siebert, Donald W., A. A. Greenwood, and A. T. Lindquist, assignors to O. W. Siebert Company, Gardner, Mass. Baby carriage. 2,114,725; Apr. 19.
- Siebert, G., Gesellschaft mit beschränkter Haftung. (See Henke, Hermann, assignor.)
- Siebert, John A., assignor to Keelmo Co., San Francisco, Calif. Exothermic heating element for permanent hair waving apparatus and producing the same. 2,137,704; Nov. 22.
- Siebert, O. W., Company. (See Siebert, D. W., Greenwood, and Lindquist, assignors.)
- Siebert, William R., Brooklyn, assignor of sixty-six and two-thirds to Acme Bulletin & Directory Board Corp., New York, N. Y. Embossing machine. 2,142,009; Dec. 27.
- Siebert, Willy, Neuenhagen, near Berlin, Germany, assignor to Chain Belt Company, Milwaukee, Wis. Valve for concrete pumps. 2,123,591; July 12.
- Siebler, Oscar, Zwickau, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Wheel suspension for automobiles. 2,122,961; July 5.
- Siecke, Wolfhart. (See von Girssewald, C. B., Siecke, and Wohlwill, assignors.)
- Sieffert, Fritz, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Washing and cleansing compositions. 2,134,346; Oct. 25.
- Siefert, Fritz, Oppau, and J. Stadler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing hydrophobic cellulose fibers. 2,111,698; Mar. 22.
- Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co. Machine for making box blanks. 2,117,220; May 10.
- Siegal, Solomon, Brooklyn, assignor to Adjustable Louver Corporation, New York, N. Y. Ventilator. 2,123,751; July 12.
- Siegel, Abraham, et al. (See Sheldon, W. R., and Meehan, assignors.)
- Siegel, Alfred, Roselle, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. New azo dye and color lakes and their production. 2,117,859; May 17.
- Siegel, Alfred, Roselle, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Colored rubber products. 2,117,860; May 17.
- Siegel, Eugene, assignor to American Lady Corset Company, Detroit, Mich. Garment. 2,124,405; July 19.
- Siegel, Leo. (See Spreen, Charles C., assignor.)
- Siegel, Meyer, assignor to Monarch Shoe Company, Chicago, Ill. Shoe sole laying and lasting machine. 2,112,932; Apr. 5.
- Siegel, Morris, assignor to Malina Company, Inc., New York, N. Y. Winding, coning, and the like. 2,122,993; July 5.
- Siegenthaler, Walter, assignor to the firm Schärer-Nussbaumer & Co., Erlenbach-Zürich, Switzerland. Cop winding machine. 2,131,147; Sept. 27.
- Siegenthaler, Walter, assignor to the firm Schärer-Nussbaumer & Co., Erlenbach-Zürich, Switzerland. Winding device for winding machines. 2,131,148; Sept. 27.
- Sieger, Maurice P. (See Talbot, H. H., and Sieger.)
- Siegerist, Walter, St. Louis, Mo. Machine for sizing, fruing, and polishing bars and tubes. 2,132,976; Oct. 11.
- Siegrist, Walter, assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Fusible stop for faucets. 2,128,059; Aug. 23.
- Sieglitz, Adolf. (See Wolff, P., and Sieglitz.)
- Sieglitz, Adolf. (See Zeh, W., Sieglitz, and Dabelow.)
- Sieglitz, Adolf, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing 1-methylnaphthalene-7-sulphonic acid and 1-methyl-7-hydroxy-naphthalene. 2,107,911; Feb. 8.
- Sieglitz, Adolf, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Methyl-aminonaphthalene-sulphonic acids and preparing them. 2,124,863; July 26.
- Siehers, Arthur E. (See Miller, C. O., and Siehrs.)
- Siekman, Harold J. (See Groene, W. F., Bacon and Siekman.)
- Siekman, Harold J. (See Groene, W. F., and Siekman, assignors.)
- Sieling, Edward H., Chicago, Ill. Coffee making device. 2,133,178; Oct. 11.
- Siemens, Alfred, Berlin, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Metallic vapor discharge apparatus for high voltages. 2,125,131; July 26.
- Siemens Apparate und Maschinen G. m. b. H. (See Fischel, Eduard, assignor.)
- Siemens Apparate und Maschinen G. m. b. H. (See Köster, Paul E., assignor.)
- Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Fischel, Eduard, assignor.)
- Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Köster, Paul E., assignor.)
- Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Schuchmann, Hans, assignor.)
- Siemens Brothers & Company Limited. (See Dixon, Reginald G., assignor.)
- Siemens Brothers & Company Limited. (See Edwards, Henry J., assignor.)
- Siemens Brothers & Company Limited. (See Gachet, E. J., and Humphries, assignors.)
- Siemens Brothers & Company Limited. (See Hensler, B. A., and Peters, assignors.)
- Siemens Brothers & Company Limited. (See Patterson, W. G., and Dixon, assignors.)
- Siemens Brothers & Company Limited. (See Sutton, G. W., and Grinstead, assignors.)
- Siemens Electric Lamps and Supplies Limited. (See Le Maréchal, W. H., and Aldington, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Baesecke, Martin, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Bendel, Hermann, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Biniek, Georg, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Böhme, J., and Link, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Brüche, Herbert, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Buchmann, E., and Hobbie, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Büchner, A., Neumann and Reinboth, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Deutschmann, Walter, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Ebinger, Andreas, assignor.)
- Siemens & Halske Aktien-Gesellschaft. (See Espe, Werner, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Fischer, F., and Rellstab, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Geyger, Wilhelm, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Hell, Rudolf, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Hobbie, Ernst, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Hornickel, Richard, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Hartmann, Carl A., assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Jenny, A., and Budiloff, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Kaden, H., Thomas, and Wassmansdorff, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Karl, Otto, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Keinath, Georg, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Keinath, G., and Merz, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Kreuzer, Friedrich, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Lill, Friedrich, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Linder, Ludwig, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Mayer, Hans, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Neumann, Hans, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Oeding, Wolfgang, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Pfaff, Walter, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Pinell, Walter, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Pitzer, Alfred, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Rassow, Horst, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Reichmann, Reinhold, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Rieper, Gerhard, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Ritzau, Günther, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Rossberg, E., and Wistency, assignors.)
- Siemens & Halske, Aktiengesellschaft. (See Rothert, Gerhard, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Sachse, Herbert, assignor.)



- Siemens & Halske, Aktiengesellschaft. (See Schmook, Rudolf, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Siepke, Otto, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Soldan, O., Panzerbieter, and Jörgensen, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Stanek, Josef, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Thal, Wilhelm, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Thierbach, Dietwald, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Ulrich, F., and Schaaf, assignors.)
- Siemens & Halske Aktien-Gesellschaft. (See Vatter, Hans, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Waldschmidt, Ernst, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Walter, Hans, assignor.)
- Siemens & Halske, Aktiengesellschaft. (See Weis, Adolf, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Wolf, Fritz, assignor.)
- Siemens & Halske Aktiengesellschaft, Wernerwerk. (See Lill, F. and Kudrna, assignors.)
- Siemens & Halske Aktiengesellschaft, Wernerwerk. (See Michaelis, Walter, assignor.)
- Siemens, Incorporated. (See Souczek, Ferdinand, assignor.)
- Siemens-Reiniger-Werke Aktiengesellschaft. (See Bischoff, K., Niemann, and Wünsch, assignors.)
- Siemens-Reiniger-Werke A. G. (See Goldschmidt, Wilhelm, assignor.)
- Siemens-Reiniger-Werke Aktiengesellschaft. (See Niemann, Carl, assignor.)
- Siemens-Reiniger-Werke Aktiengesellschaft. (See Niemann, C. and Bischoff, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Abendroth, Wilhelm, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Altenkirch, Edmund, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Espe, Werner, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Eule, Martin, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Gasser, Otto, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Gleichmann, Hans, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Hintze, Rudolf, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Kind, W., Schenk, and Busch, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Kniepkamp, Heinrich, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Leukert, Wilhelm, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Matthies, Kurt, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Mierdel, Georg, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Schilling, Walter, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Scholl, P., and Kühnel, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Siemens, Alfred, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See von Issendorff, Jürgen, assignor.)
- Sienz, Max. (See Eisenbrand, J., and Sienz.)
- Siepke, Otto, Berlin-Staaken, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Indicating device. 2,138,359; Nov. 29.
- Sierad, Albert E., Larchmont, N. Y. Machineless permanent wave device. 2,137,511; Nov. 22.
- Sierad, Milton, assignor to George W. Button Corporation, New York, N. Y. Bottle closure. 2,107,167; Feb. 1.
- Siese, Gustav. (See Jones, W. C., and Siese.)
- Sies, Henry J., and J. E. Casse, assignors to Crawford Door Company, Detroit, Mich. Sectional door. 2,126,418; Aug. 9.
- Sieveling, Martinus, New York, N. Y. Traffic signal. 2,135,851; Nov. 8.
- Sieveling, Martinus, New York, N. Y. Piano-action Spring. 2,138,517; Nov. 29.
- Sieven, Louis I., Brooklyn, N. Y. Expanding piston rings. 2,135,415; Nov. 1.
- Siever, Hughes L., Keyser, W. Va. Fiber treatment. 2,115,218; Apr. 26.
- Sievers, Albert J., Jr., Oakland, assignor of one-third to E. W. Oliver, Piedmont, and one-third to P. E. Gooch, Oakland, Calif. Grinding tool. 2,138,257; Nov. 29.
- Sievers, Albert J., Jr., Oakland, assignor of one-third to E. W. Oliver, Piedmont, and one-third to P. E. Gooch, Oakland, Calif. Crank shaft grinding apparatus. 2,138,258; Nov. 29.
- Sievers, Robert, New York, N. Y. Support for hairpins. 2,126,051; Aug. 9.
- Siewert, Edwin, Wausau, assignor to Marathon Paper Mills Company, Rothschild, Wis. Carton. 2,138,680; Nov. 29.
- Sifert, Christian, Deerfield, Ill. Roller skate. 2,113,862; Apr. 12.
- Sifico, A. G. (See Wahl, Karl, assignor.)
- Sigg, Joseph A., Pittsburgh, Pa. Cigarette dispensing device. 2,117,370; May 17.
- Sigman, Ira R. (See Mason, A. E., and Sigman.)
- Signal Engineering & Manufacturing Company. (See Wheelock, John H., assignor.)
- Signal Service Corporation. (See Luce, Richard W., assignor.)
- Signaphone Corporation of America. (See Herbig, Henry F., assignor.)
- Signco, Inc. (See Smith, Charles A., assignor.)
- Signode Steel Strapping Company. (See Porter, Howard C., assignor.)
- Signode Steel Strapping Company. (See Williams, William E., assignor.)
- Signoret, Albert J., New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Pile fabric manufacture. 2,136,828; Nov. 15.
- Signori, Frank, Reno, Nev. Traction attachment. 2,130,448; Sept. 20.
- Sigo, Arthur T., Maywood, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Traffic observing and recording apparatus. 2,132,808; Oct. 11.
- Sigurdson, Mindy, Winnipeg, Manitoba, Canada. Partition securing clamp. 2,134,212; Oct. 25.
- Sigwald, Charles G., Minneapolis, Minn. Oil burner air control. 2,140,212; Dec. 13.
- Sikora, Joseph. (See Tischler, Thomas A., assignor.)
- Sikorsky, Igor I., Long Hill, assignor to United Aircraft Corporation, East Hartford, Conn. Wing radiator. 2,117,632; May 17.
- Sikorsky, Igor I., Trumbull, assignor to United Aircraft Corporation, East Hartford, Conn. Trimming means for control surfaces. 2,120,717; June 14.
- Sikorsky, Igor I., Trumbull, assignor to United Aircraft Corporation, East Hartford, Conn. Wing attaching hull superstructure. 2,123,665; July 12.
- Silberman, Louis, New York, N. Y. Lighting fixture. 2,131,823; Oct. 4.
- Silberman, Ruth, et al. (See Gentzel, Otto, assignor.)
- Silberstein, Isidor, Paris, France, assignor to Prof. Dr. Max Volmer, Neubabelsberg-Steinstücken, Germany. Electrode for open arc lamps. 2,106,126; Jan. 18.
- Silent Glow Oil Burner Corporation, The. (See Sherman, Ralston M., assignor.)
- Silent Glow Oil Burner Corporation, The. (See Sherman, R. M., and Carlberg, assignors.)
- Silent Glow Oil Burner Corporation, The. (See Sherman, R. M., Carlberg, and Neumann, assignors.)
- Siler, Robert W., Long Beach, Calif., assignor to Macwhyte Company, Kenosha, Wis. Wire line sling and fitting therefor. 2,130,040; Sept. 13.
- Silex Company, The. (See Biberthaler, M. G., and Becher, assignors.)
- Silex Company, The. (See Warner, Maurice L., assignor.)
- Silex Company, The. (See Wolcott, Frank E., assignor.)
- Silhavy, John F., Saginaw, Mich. Making beer or the like. 2,122,761; July 5.
- Silhavy, John F., Saginaw, Mich. Method of and apparatus for producing wort or the like. 2,127,759; Aug. 23.
- Silhouette Form Co. Inc. (See Rock, Ida R., assignor.)
- Sillocks-Miller, Company, The. (See Colvin, Henry F., assignor.)
- Silleck, Clarence F. (See Barsky, G., Klinkenstein, Rohleder, and Silleck.)
- Silleck, Clarence F., Brooklyn, assignor to C. J. Osborn Company, New York, N. Y. Pigmented synthetic resin composition. 2,134,741; Nov. 1.
- Silliman, Horace F., assignor to The American Brass Company, Waterbury, Conn. Brazed article. 2,117,106; May 10.
- Silliman, Horace F., assignor to The American Brass Company, Waterbury, Conn. Copper base alloy article for brazing and preparing it. 2,123,384; July 12.
- Sills, Earl H. (See Roberts, F. M., and Sills.)
- Sills, Ellery M. and N. A., Portland, Ore. Automatic safety brake device. 2,127,890; Aug. 23.
- Sills, Harry E., et al. (See Russell, Thomas F., assignor.)
- Sills, Norman A. (See Sills, Ellery M. and N. A.)
- Silsby, Charles F., White Plains, assignor to General Chemical Company, New York, N. Y. Manufacture of carbon bisulphide. 2,141,766; Dec. 27.
- Silsby, Charles F., White Plains, assignor to General Chemical Company, New York, N. Y. Manufacture of carbon bisulphide. 2,141,768; Dec. 27.
- Siltén, Ernst, Berlin, Germany. Method and device for humidifying mixtures for narcosis. 2,116,328; May 3.
- Siltén, Ernst, Berlin, Germany. Motor compressor unit. 2,133,179; Oct. 11.
- Silva, Frederick G., assignor to Davenport Machine Tool Co., Incorporated, Rochester, N. Y. Making collets. 2,105,618; Jan. 18.
- Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Valve grinding machine. 2,113,387; Apr. 5.
- Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Automatic grinding machine. 2,117,917; May 17.
- Silven, Herbert A., and C. G. Flygare, assignors to Norton Company, Worcester, Mass. Grinding machine work clamping mechanism. 2,113,388; Apr. 5.
- Silven, Herbert A., and C. G. Flygare, assignors to Norton Company, Worcester, Mass. Automatic cam grinding machine. 2,117,916; May 17.



- Silver, Jacob, Philadelphia, Pa. Jewelry. 2,134,586; Oct. 25.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Plow. 2,108,351; Feb. 15.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,130,512; Sept. 20.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Cultivator. 2,132,762; Oct. 11.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Tractor mounted implement. 2,139,042; Dec. 6.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Agricultural implement. 2,140,144; Dec. 13.
- Silverman, Herman, New York, N. Y. Ornamental adjustable shoulder strap. 2,109,345; Feb. 22.
- Silverman, Max M., Hartford, Conn., assignor to Better Brushes, Inc., Palmer, Mass. Textile cleaning tool. 2,116,645; May 10.
- Silverstein, Jacob. (See Parnell, Walter H., assignor.)
- Silverthorne, Frank H., New York, N. Y. Smoking pipe. 2,104,777; Jan. 11.
- Silvertown Lubricants Limited. (See Styles, Eric R., assignor.)
- Silvia, Cyril L. (See Cowen, R. R., and Silvia.)
- Simas, Charles P., Taunton, Mass. Heating device for permanent waves. 2,125,402; Aug. 2.
- Simeone, John, Hartford, Conn. Tree ball binder. 2,122,663; July 5.
- Simison, Allen L. (See Baird, F. J., and Simison.)
- Simister, Louis W., Astoria, N. Y. Moccasin. 2,108,415; Feb. 15.
- Simjian, Luther G., Riverside, Conn. Window display device. 2,122,496; July 5.
- Simjian, Luther G., Riverside, Conn. Multiple pose photographic apparatus. 2,140,602; Dec. 20.
- Simmie, Walter S., Oxford, assignor to Pressed Steel Company Limited, Cowley, Oxford, Oxfordshire, England. Welding. 2,113,664; Apr. 12.
- Simmon, Rudolph, New York, N. Y. Photographic device. 2,133,581; Oct. 18.
- Simmonds, Clyde S., Sacramento, Calif. Front wheel suspension. 2,135,152; Nov. 1.
- Simmons, Allan O., assignor to Simmons Coin Machine Co., Inc., Chicago, Ill. Dispensing machine. 2,129,185; Sept. 6.
- Simmons, Arthur W. (See Kershaw, A. G., Simmons, and Leach.)
- Simmons, Arthur W., King's Cross, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,106,471; Jan. 25.
- Simmons, Charles R., assignor to Nachman Springfilled Corporation, Chicago, Ill. Machine for tempering springs. 2,116,327; May 3.
- Simmons Coin Machine Co. (See Simmons, Allan O., assignor.)
- Simmons Company. (See Stuart, C. A., and Hofbauer, assignors.)
- Simmons Company. (See Travis, Don C., assignor.)
- Simmons Company. (See Woller, Edward E., assignor.)
- Simmons Company. (See Woller, E. E., Travis, and Bayer.)
- Simmons Hardware Company. (See Thompson, Thomas C., assignor.)
- Simmons, Herbert G., assignor to Prest-O-Lite Battery Company, Inc., Indianapolis, Ind. Barbecue grill. 2,120,683; June 14.
- Simmons, Howard B. (See Rullison, E. A., and Simmons.)
- Simmons, Jack W., Tallahassee, Fla. Wire bound package. 2,106,384; Jan. 25.
- Simmons, Jack W., Tallahassee, Fla. Collapsible package. 2,136,761; Nov. 15.
- Simmons, Jack W., Tallahassee, Fla. Collapsible package. 2,136,762; Nov. 15.
- Simmons, Jesse T., and R. O. Gilliam, Henderson, Tenn. Combination machine for sharpening tools. 2,110,637; Mar. 8.
- Simmons, Joseph M., Chicago, Ill. Brake for sleds and jumpers. 2,134,587; Oct. 25.
- Simmons, Leon E. (See Joy, J. F., and Simmons.)
- Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,123,213; July 12.
- Simmons, Oliver G., Lakewood, Ohio. Method of finishing gears. 2,123,026; July 5.
- Simmons, Oliver G., Lakewood, Ohio. Finishing gears. 2,137,146; Nov. 15.
- Simmons Paper Products, Inc. (See Simmons, Paul R., assignor.)
- Simmons, Paul R., assignor to Simmons Paper Products, Inc., Warsaw, Ind. Conveyor. 2,141,883; Dec. 27.
- Simmons, Richard P., Laurelton, N. Y. Sucker rod and combined coupling and torsion joint therefor. 2,133,050; Oct. 11.
- Simmons, Ruth D., Los Angeles, Calif. Tool-actuating apparatus. 2,121,831; June 28.
- Simning, Roy B., assignor, by mesne assignments, to said R. B. Simning, H. J. Murphy, and G. V. Watson, Minneapolis, Minn. Vehicle and mounting mechanism therefor. 2,117,577; May 17.
- Simon, Alfred. (See Morrison, M., and Simon.)
- Simon, Frederick G., Detroit, Mich. Fish bait or lure. 2,139,424; Dec. 6.
- Simon, Henry, Limited. (See Frérotte, Auguste, assignor.)
- Simon, Kenneth C. (See Handforth, S. L., and Simon.)
- Simon, Lester S., Larchmont, assignor to Vent-Lux Limited, New York, N. Y. Ventilating and light-controlling device for vehicles. 2,115,432; Apr. 26.
- Simon, Louis J. (See Mitchell, F. A., and Simon.)
- Simon, Louis J., Barking, England. Apparatus for cleaning floors and like surfaces. 2,136,324; Nov. 8.
- Simon, Max, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Foundation garment. 2,120,817; June 14.
- Simon, Max, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Girdle. 2,140,273; Dec. 13.
- Simon, Morris, Los Angeles, Calif. Combination comforter and bedspread. 2,139,980; Dec. 13.
- Simon, Otto A., assignor of one-third to R. J. Simon, Butte, Mont. Automatic vacuum control valve for milking apparatus. 2,109,511; Mar. 1.
- Simon, Richard J. (See Simon, Otto A., assignor.)
- Simon, Walter. (See Pier, M., and Simon.)
- Simon, Walter. (See Pier, M., Jacob, and Simon.)
- Simonds, George D., assignor to Four Wheel Drive Auto Company, Clintonville, Wis. Underbody scraper installation. 2,129,970; Sept. 13.
- Simonds, Paul, assignor to The Oilgear Company, Milwaukee, Wis. Sectional drive. 2,105,824; Jan. 18.
- Simonds, Paul, assignor to The Oilgear Company, Milwaukee, Wis. Sectional drive. 2,110,428; Mar. 8.
- Simonds Saw and Steel Co. (See Miner, William E. and J. S., assignors.)
- Simoneau, Charles B., Lynn, Mass. Valve for heating systems. 2,133,928; Oct. 18.
- Simoneau, Charles B., Lynn, assignor to R. S. Taylor, Melrose, and F. V. McCarthy, Lynn, Mass., as trustees. Heat distribution for buildings. 2,139,775; Dec. 13.
- Simons, Abraham, assignor to Washburn Wire Company, Inc., New York, N. Y. Mechanism for straightening wire. 2,136,714; Nov. 15.
- Simons, Aloys. (See Krantz, H., Simons, and Buysch.)
- Simons, Francis L., Needham, Mass. Planographic plate and method. 2,132,443; Oct. 11.
- Simons, Francis L., Needham, and M. W. Weiss, Boston, Mass., assignors to George La Monte & Son, Nutley, N. J. Safety paper and making same. 2,129,362; Sept. 6.
- Simons, Francis L., Needham, and M. W. Weiss, Boston, Mass., assignors to George La Monte & Son, Nutley, N. J. Safety paper and making same. 2,129,363; Sept. 6.
- Simons, Francis L., Needham, and M. W. Weiss, Boston, Mass., assignors to George La Monte & Son, Nutley, N. J. Authentication device and making same. 2,129,364; Sept. 6.
- Simons, Glenn, Larrabee, Iowa. Staple clincher for steel fences. 2,126,225; Aug. 9.
- Simons, John C., and H. S. Swope, Philadelphia, Pa. Clutch. 2,104,174; Jan. 4.
- Simons, Morris, New York, N. Y., assignor to Carboly Company, Inc. Making dies. Re. 20,690; Apr. 5.
- Simons, Raymond E., Fairview, Caseyville Township, St. Clair County, Ill. Sanitary drinking spout and bottle cap. 2,139,627; Dec. 6.
- Simons, Robert J., Springfield, Mass. Painter's apparatus. 2,107,769; Feb. 8.
- Simonsen, Arntz, Hartford, Conn. Decanting mechanism. 2,140,059; Dec. 13.
- Simonski, Samuel C., Philadelphia, Pa. Rug marker. 2,104,910; Jan. 11.
- Simonson, Elmer L. (See Hamrock F. J., Simonson, and Meng.)
- Simonson, Sigvard, Butler, Pa., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,124,264; July 19.
- Simonson, William F., Forest Hills, N. Y. Tension device. 2,122,896; July 5.
- Simonson, William F., Forest Hills, N. Y. Loading board. 2,131,922; Oct. 4.
- Simonson, William F., Boston, Mass., assignor, by mesne assignments, to Gilman Fanfold Corporation. Record strip regulator. 2,110,611; Mar. 8.
- Simonton, Warren R., Huntington, W. Va., assignor to Owens Illinois Glass Company. Stenciling apparatus. 2,114,323; Apr. 19.
- Simowski, Alex W., Detroit, Mich., assignor to Michigan Tool Company. Gear finishing tool. 2,119,298; May 31.
- Simplex Baggers, Inc. (See Weinstein, Herman E., assignor.)
- Simplex Engineering Company. (See Sloan, Theodore H., assignor.)
- Simplex Improvements, Inc. (See Osborn, Alden E., assignor.)
- Simplex Metal Housing Corporation. (See Strelch, Frank, assignor.)
- Simplex Products Corporation, The. (See Solenberger, Dean M., assignor.)
- Simplex Time Recorder Co. (See Deane, H. N., and Dell, assignors.)
- Simplex Time Recorder Co. (See Ruttiman, Alfred, assignor.)
- Simplex Time Recorder Co. (See Watkins, Edward G., assignor.)
- Simplex Time Recorder Company. (See Watkins, E. G., and Dell, assignors.)
- Simplex Valve and Meter Company. (See Borden, Moro M., assignor.)



- Simplicity Manufacturing Company. (See Odom, Edwin H., assignor.)
- Simpson, Clarence E. (See Hoppert, F. D., Bull, and Simpson.)
- Simpson, Clarence E., Springfield, Mass. Mechanism for and method of rifling gun barrels. 2,121,832; June 28.
- Simpson, Donald C., Newark, Ohio, assignor to Owens-Illinois Glass Company. Combined asbestos and glass fiber yarn. 2,132,702; Oct. 11.
- Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Vehicle seat. 2,120,156; June 7.
- Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Lid support. 2,139,336; Dec. 6.
- Simpson, Emory G., and A. C. Andersen, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Seat adjuster. 2,124,754; July 26.
- Simpson, Emory G., and A. C. Andersen, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Seat adjuster. 2,124,755; July 26.
- Simpson, Eugene H. (See Krohn, J. M., and Simpson.)
- Simpson, Eugene H. (See Uecker, R. A., Rambo, and Simpson.)
- Simpson, Herbert S. (See Nicholls, William H., assignor.)
- Simpson, Herbert S. (See Rapp, A. G. J., and Christensen, assignors.)
- Simpson, Herbert S., Chicago, Ill. Bearing seal for mulling machines. Re. 20,747; May 31.
- Simpson, Howard W. (See Ford, H., Simpson, and Roberts.)
- Simpson, John W. L., Littleover, Derby, England. Soot blowing and cleaning apparatus for boilers, economizers, or the like. 2,115,885; May 3.
- Simpson, Lancelot M., Thorner, near Leeds, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Ratio computer. 2,108,146; Feb. 15.
- Simpson, Leon G., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Method and apparatus for positioning multifocal lens blanks. 2,117,221; May 10.
- Simpson, Lowe E., Cincinnati, Ohio. Sieve frame. 2,114,406; Apr. 19.
- Simpson, Melvin M., Sidney, Nebr. Weeder. 2,123,972; July 19.
- Simpson, Ralph W., Warren, Ohio. Combustion device. 2,139,776; Dec. 13.
- Simpson, Robert, Casper, Wyo. Burial vault. 2,111,462; Mar. 15.
- Simpson, Robert W., New York, N. Y. Combination lamp and display device. 2,141,769; Dec. 27.
- Simpson, Thornton J., Chula Vista, Calif. Highway signal. 2,105,203; Jan. 11.
- Simpson, William H., and B. L. Baillie, assignors to Hiram Walker & Sons, Inc., Peoria, Ill. Bottle corking machine. 2,117,041; May 10.
- Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Steam trap and balanced valve. 2,107,551; Feb. 8.
- Sims, Ernest M., Elkhart, Ind. Chair. 2,139,176; Dec. 6.
- Sims, Lena D. (See Hardin, M. S., and Sims.)
- Sims, Olin A., Beeville, Tex. Self powered automatic water treating plant. 2,119,930; June 7.
- Sims, Sterling, Taylor, Tex. Cake knocker for oil presses. 2,128,856; Aug. 30.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel construction. Re. 20,655; Feb. 15.
- Sinclair, Charles W., assignor to The Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,115,182; Apr. 26.
- Sinclair, Charles W., assignor to The Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,115,183; Apr. 26.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum. 2,115,980; May 3.
- Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,120,631; June 14.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming wheels. 2,120,632; June 14.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming wheels. 2,120,633; June 14.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum. 2,123,614; July 12.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel. 2,134,419; Oct. 25.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum cooling construction. 2,136,472; Nov. 15.
- Sinclair Construction Company. (See Murch, William N., assignor.)
- Sinclair, Harold, Kensington, London, England. Control means of hydraulic couplings. 2,110,454; Mar. 8.
- Sinclair, Harold, Kensington, London, England. Control means for internal combustion engines. 2,115,125; Apr. 26.
- Sinclair, Harold, Kensington, London, England. Hydraulic power transmission system. 2,141,940; Dec. 27.
- Sinclair, Henry L., Houston, Tex., assignor to Houston Compress Company. Portable elevator. 2,106,878; Feb. 1.
- Sinclair, James A., Rollinsford, assignor to U. P. M. Kidder Press Co., Inc., Dover, N. H. Printing press sheet delivery mechanism. 2,125,467; Aug. 2.
- Sinclair, Peter S., Holyoke, Mass. Dandy roll and cylinder mold and making same. 2,117,217; May 10.
- Sinclair, Peter S., Holyoke, Mass. Dandy roll and cylinder mold and making same. 2,117,222; May 10.
- Sinclair Prairie Oil Company. (See Milton, George R., assignor.)
- Sinclair Prairie Oil Company. (See Rhees, William B., assignor.)
- Sinclair Refining Company. (See Butz, R. J., and Cantelo, assignors.)
- Sinclair Refining Company. (See Fairlie, Matthew, assignor.)
- Sinclair Refining Company. (See Gullette, Willis S., assignor.)
- Sinclair Refining Company. (See Herthel, Eugene C., assignor.)
- Sinclair Refining Company. (See Kimball, T. B., and Kaasa, assignors.)
- Sinclair Refining Company. (See Martin, Edward J., assignor.)
- Sinclair Refining Company. (See Robertson, Harold J., assignor.)
- Sinclair Refining Company. (See Seifer, Joe D., assignor.)
- Sinclair Refining Company. (See Smith, Reading B., assignor.)
- Sinclair Refining Company. (See Vobach, A. C., and Fairlie, assignors.)
- Sinden, Alfred D., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Boat loading device. 2,125,088; July 26.
- Sinderson, John B. (See Granberg, B., and Sinderson.)
- Sinderson, John B., Rockford, Ill. Carburetor. 2,135,539; Nov. 8.
- Sindl, Otto, Paris, France, and G. Frank, Moedling, near Vienna, Austria, assignors to "Afa" Finanzierungs A. G., Schaffhausen, Switzerland. Stabilization of cellulose esters. 2,127,789; Aug. 23.
- Sinfra, A. G. (See Meiwald, Franz, assignor.)
- Singer, Alexander, et al. (See Lederer, Maximilian, assignor.)
- Singer, Fred J., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter equipment. 2,111,644; Mar. 22.
- Singer, Fritz, Nuremberg, Germany, assignor to Tubus A. G., Zurich, Switzerland. Mechanically working metal article. 2,105,015; Jan. 11.
- Singer, Fritz, Nuremberg, Germany, assignor to Tubus A. G., Glarus, Switzerland. Reducing the diameter of hollow metal articles. 2,110,965; Mar. 15.
- Singer, Fritz, Nuremberg, Germany, assignor to Tubus A. G., Zurich, Switzerland. Mechanically working metal article. 2,116,954; May 10.
- Singer, Harry R. (See Zerilli, Marius, assignor.)
- Singer Manufacturing Company, The. (See Allen, E. B., Knox, and Faulkner, assignors.)
- Singer Manufacturing Company, The. (See Barron, William L., assignor.)
- Singer Manufacturing Company, The. (See Boguhn, Paul, assignor.)
- Singer Manufacturing Company, The. (See Card, Fredric M., assignor.)
- Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)
- Singer Manufacturing Company, The. (See Clayton, Andrew B., assignor.)
- Singer Manufacturing Company, The. (See Corral, H., and Stevens, assignors.)
- Singer Manufacturing Company, The. (See Fleckenstein, George A., assignor.)
- Singer Manufacturing Company, The. (See Fleckenstein, G. A., and Waterman, assignors.)
- Singer Manufacturing Company, The. (See Gunther, Hermann, assignor.)
- Singer Manufacturing Company, The. (See Kaier, Richard, assignor.)
- Singer Manufacturing Company, The. (See Karle, John D., assignor.)
- Singer Manufacturing Company, The. (See Langille, Wilfred O., assignor.)
- Singer Manufacturing Company, The. (See McCann, Michael, assignor.)
- Singer Manufacturing Company, The. (See Myers, Walter, assignor.)
- Singer Manufacturing Company, The. (See Painter, Roy S., assignor.)
- Singer Manufacturing Company, The. (See Saller, Rudolph J., assignor.)
- Singer Manufacturing Company, The. (See Schenk, Carl R., assignor.)
- Singer Manufacturing Company, The. (See Waterman, Max L., assignor.)
- Singer Manufacturing Company, The. (See Wood, Alfred R., assignor.)
- Singer Manufacturing Company, The. (See Zonis, Sydney, assignor.)
- Singerman, Adolph K., Buffalo, N. Y. Method and apparatus for applying liquids to scalp hair. 2,133,638; Oct. 18.



- Singewald, Joseph T., Jr., assignor to The Standard Lime and Stone Company, Baltimore, Md. Refractory. 2,133,672; Oct. 18.
- Singh, Alamjit D. (See Johnstone, H. F., and Singh.)
- Singh, Alamjit D., Urbana, assignor, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Converting a sulphite into an oxide and sulphur dioxide. 2,141,228; Dec. 27.
- Singleton, John C., Vinton, assignor of one-fourth to I. Cunniff, Lake Charles, La. Well casing setting and backing-off coupling. 2,107,716; Feb. 8.
- Sintizin-White, Nicholas, Westport, assignor of one-third to J. L. R. Glover, Fairfield, and one-third to N. N. Solovioff, Millford, Conn. Navigation instrument. 2,105,103; Jan. 11.
- Sintizin-White, Nicholas, Westport, assignor of one-third to J. L. R. Glover, Fairfield, and one-third to N. N. Solovioff, Millford, Conn. Slide rule. 2,137,630; Nov. 22.
- Sinko, John, Chicago, Ill. Cigar lighter. 2,111,302; Mar. 15.
- Sinko, John, Chicago, Ill. Steering wheel turning device. 2,118,573; May 24.
- Sinko, John, Chicago, Ill. Cigar lighter igniter unit. 2,122,962; July 5.
- Sinko, John, Chicago, Ill. Cigar lighter. 2,128,016; Aug. 23.
- Sinko, John, Chicago, Ill. Cigar lighter. 2,128,017; Aug. 23.
- Sinko, John, Chicago, Ill. Cigar lighter. 2,129,791; Sept. 13.
- Sinko, John, Chicago, Ill. Cigar lighter. 2,129,792; Sept. 13.
- Sinko, John, Oak Park, Ill. Handwheel turning device. 2,123,811; July 12.
- Sinkovitz, Joseph, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Pile raising and lowering mechanism. 2,141,418; Dec. 27.
- Sinkovitz, Joseph, and A. A. Saul, assignors to Miller Printing Machinery Co., Pittsburgh, Pa. Cylinder-gripper and shoo-fly actuating mechanism. 2,119,754; June 7.
- Sinkwich, Vincent J., Brooklyn, assignor of one-half to R. E. Marquis, New York, N. Y. Alkali solution dispenser for dishwashing machines. 2,138,943; Dec. 6.
- Sinn, Clarence W. (See Volf, Christian A., assignor.)
- Sinn, Walter F., Ridgewood, Brooklyn, N. Y. Production of color printing plates. 2,139,917; Dec. 13.
- Sinner, Emil, Milwaukee, Wis. Lock. 2,117,515; May 17.
- Sinnett, Chester M., Westmont, and E. C. Guedon, Audubon, N. J., assignors to Radio Corporation of America. Sound recording and reproducing apparatus. 2,105,167; Jan. 11.
- Sininger, Dwight V. (See Polydoroff, W. J., and Sininger.)
- Sininger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Pre-selector system. 2,106,229; Jan. 25.
- Sininger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Radio tuning indicator. 2,125,468; Aug. 2.
- Sininger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Normalizing circuit. 2,135,852; Nov. 8.
- Sinnott, Clarence C., San Clemente, Calif. Golf bag carrier. 2,124,265; July 19.
- Sipe, Harry E., New York, N. Y., assignor to Talon, Inc. Making separable interlocking fasteners. 2,130,932; Sept. 20.
- Siphonator, Inc. (See Bowman, David E., assignor.)
- Sipp-Eastwood Corporation. (See Kent, Frederick, assignor.)
- Sipp-Eastwood Corporation. (See Klein, Frederick, assignor.)
- Sipp-Eastwood Corporation. (See Klein, F., and Uhlig, assignors.)
- Siracusa, Sisti, Huntington Beach, Calif. Slip type releasing socket. 2,119,797; June 7.
- Sirch, Charles W., Los Angeles, Calif. Diving board apparatus. 2,106,068; Jan. 18.
- Sirchie, Francis J., Conshohocken, Pa. Print lifter and method. 2,122,589; July 5.
- Sirian Lamp Company. (See Braselton, Chester H., assignor.)
- Sirian Wire and Contact Company. (See Beer, William J., assignor.)
- Sirian Wire and Contact Company. (See Padowicz, Henry N., assignor.)
- Sirius Corporation. (See Price, Nathan C., assignor.)
- Sirois, Benoit J., Elizabeth, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Copper-silicon-iron-lead alloy. 2,113,283; Apr. 5.
- Siroi, Alfred, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tars for use in road construction. 2,113,144; Apr. 5.
- Sirr, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coin controlled apparatus. 2,121,991; June 28.
- Sisley, Leslie J., and F. J. White, Seattle, Wash., assignors to Fisher Flouring Mills Co. Mixing machine. 2,108,999; Feb. 22.
- Sisson, Glen R., Pendleton, Ind. Mixture control for internal combustion engines. 2,127,053; Aug. 23.
- Sisson, Glen R., Pendleton, Ind. Automatic choke. 2,134,421; Oct. 25.
- Sisson, Harry W., Chicago, Ill. Spot lamp. 2,135,263; Nov. 1.
- Sisson, Orta D., Oakland, Calif., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Cleaning sand. 2,122,217; June 28.
- Sisson, Orta D., Oakland, Calif., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for cleaning sand. 2,142,010; Dec. 27.
- Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor rack for refrigerator cars. 2,113,863; Apr. 12.
- Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car floor rack. 2,121,269; June 21.
- Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Bulkhead for refrigerator cars. 2,133,722; Oct. 18.
- Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor rack for refrigerator cars. 2,133,723; Oct. 18.
- Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor rack stringer. 2,139,043; Dec. 6.
- Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car floor rack. 2,139,044; Dec. 6.
- Sivertsen, Jens, Philadelphia, Pa. Apparatus to automatically determine the angular position of unbalance in rotatable bodies. 2,116,221; May 3.
- Sivertsen, Jens, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Method of and apparatus for determining unbalance in rotatable bodies. 2,118,770; May 24.
- Sivey, William F., Tecumseh, Nebr. Collapsible oven. 2,119,798; June 7.
- Sivey, William F., Tecumseh, Nebr. Collapsible stove. 2,119,799; June 7.
- Six, Walter J., Indianapolis, Ind. Piston expander. 2,132,653; Oct. 11.
- Sixt, Johann, and M. Mugdan, assignors to Consortium für Elektrochemische Industrie, G. m. b. H., Munich, Germany. Producing ketene. 2,108,829; Feb. 22.
- Sjoberg, John G., assignor to Pacific Coast Engineering Company, Inc., Oakland, Calif. Dredge pipe Y valve. 2,108,183; Feb. 15.
- Sjogren, Oscar W. (See Mitchell, R. H., Sjogren, and Wadleton.)
- Skahen, Patrick D., Syracuse, N. Y. Adjustable burial casket. 2,122,590; July 5.
- Skarlund, Carl A., Stockholm, Sweden. Fluid machine. 2,130,037; Sept. 13.
- Skau, Hans, Los Angeles, Calif. Combination tool. 2,111,195; Mar. 15.
- Skents, Wilfred E., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker tester. 2,120,873; June 14.
- Skeel, Lewis. (See Greenleaf, W. J., and Skeel.)
- Skeel, Lewis. (See Miller, F. P., and Skeel.)
- Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Gas holder water treatment. 2,141,049; Dec. 20.
- Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Leakproofing packed joint in gas distribution systems. 2,141,959; Dec. 27.
- Skehan, Joseph W., Stamford, and R. R. Machlett, assignors to Machlett Laboratories Incorporated, Springfield, Conn. X-ray apparatus. 2,132,194; Oct. 4.
- Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,108,830; Feb. 22.
- Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,114,035; Apr. 12.
- Skelly, John S., Monongahela, Pa. Side retort stoker. 2,136,807; Nov. 15.
- Skelly Oil Company. (See Smith, Howard V., assignor.)
- Skelscy, Alfred C., London, England. Illuminated advertising sign. 2,137,360; Nov. 22.
- Skelton, Harry E., Birmingham, Mich. Nonskid tire construction. 2,132,275; Oct. 4.
- Skidelsky, Nina, assignor to Changette, Inc., New York, N. Y. Receptacle. 2,117,516; May 17.
- Skidelsky, Nina, Stratford, Conn., and W. A. Bary, assignors to Changette, Inc., New York, N. Y. Receptacle. 2,115,219; Apr. 26.
- Skidmore, Frank, assignor of one-third to A. G. Tassano, Oakland, and one-third to R. O'Hara, Alameda, Calif. Protective cigarette holder. 2,131,213; Oct. 25.
- Skidmore, Isaac E., Fair Oaks, Calif. Folding bed. 2,128,018; Aug. 23.
- Skilbeck, Gerald W., Kenosha, Wis. Humidifier. 2,111,437; Mar. 15.
- Skinner, Bronson C., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Coloring fruits. 2,112,580; Mar. 20.



- Skinner, Bronson C., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Fruit treating machine. 2,115,126; Apr. 26.
- Skinner, Chame D., Springdale, and L. C. Bradley, New Kensington, Pa. Manufacturing extruded articles. 2,107,510; Feb. 8.
- Skinner, Eugene W., I. L. Wilcox, and R. F. Huntley, assignors to Oswego Falls Corporation, Fulton, N. Y. Container top closure. 2,110,612; Mar. 8.
- Skinner, Harry S. (See Schnase, A. J., and Skinner.)
- Skinner Irrigation Company, The. (See Coles, W. H., and Nelson, assignors.)
- Skinner, John G., Anaconda, Mont. Flange oiler. 2,106,665; Jan. 25.
- Skinner, M. B., Company. (See Merrill, P. D., and McMurray, assignors.)
- Skinner, M. B., Co. (See Merrill, Patterson D., assignor.)
- Skinner, Percy B., Tulsa, Okla. Packer. 2,113,098; Apr. 5.
- Skinner, William C., Detroit, Mich. Fuel burner. 2,125,963; Aug. 9.
- Sklervén, Betsy P., Brooklyn, N. Y. Steam table. 2,107,346; Feb. 8.
- Skluth, Gladys. (See Spear, M. A., and Skluth.)
- Skobel, Louis W., assignor to Interstate Metal Products Co., Chicago, Ill. Portable folding bed and cabinet. 2,105,236; Jan. 11.
- Skoda, Emil G., Bridgeport, Conn. Condiment dispenser. 2,139,289; Dec. 6.
- Skogsborg, John A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Jig. 2,132,583; Oct. 11.
- Skojec, Paul, Sr., et al. (See Skojec, William, assignor.)
- Skojec, William, assignor of one-twelfth to P. Skojec, Sr., and five-twelfths to A. Stroka, Binghamton, N. Y. Multiple fuse plug. 2,137,593; Nov. 22.
- Skojec, William, assignor of one-twelfth to P. Skojec, Sr., and five-twelfths to A. Stroka, Binghamton, N. Y. Multiple fuse plug. 2,141,563; Dec. 27.
- Skok, Alois, and N. O. Binley, Pasadena, Calif. Electric and automatic fuel vaporizer. 2,139,777; Dec. 13.
- Skora, Hyman, Brooklyn, assignor of one-third to S. & E. Novelty Co., Inc., one-third to L. & L. Linings Inc., and one-third to Ellerstien-Gerber Corp., New York, N. Y. Fabric covered elastic attaching device. 2,137,814; Nov. 22.
- Skow, Floyd A., Knoxville, Iowa. Erosion check dam. 2,111,819; Mar. 22.
- Skudies, Viktor, Munich, Germany. Hand harmonica. 2,138,749; Nov. 29.
- Skvortzoff, Alexander A., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bushing structure. 2,125,089; July 26.
- Sky, Matthew M., Chicago, Ill. Game apparatus. 2,127,433; Aug. 16.
- Slaby, Rudolf, Berlin-Charlottenburg, assignor to Auto Union A. G., Chemnitz, Germany. Motor vehicle. 2,105,424; Jan. 11.
- Slack, Alfred D., and A. A. Young, assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Antistatic photographic film. 2,118,059; May 24.
- Slack, Alfred D., and A. A. Young, assignors to Eastman Kodak Company, Rochester, N. Y. Antistatic photographic film. 2,139,778; Dec. 13.
- Slack, Charles M., Glen Ridge, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. X-ray tube. 2,113,334; Apr. 5.
- Slack, Charles M., Glen Ridge, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Shockproof X-ray unit. 2,129,387; Sept. 6.
- Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,115,918; May 3.
- Slack, Frederic W., assignor to Chrysler Corporation, Detroit, Mich. Vehicle wheel suspension. 2,115,919; May 3.
- Slack, John A., Jamaica, N. Y. Visualizing camera. 2,105,557; Jan. 18.
- Slade, James V., New Rochelle, assignor to The Dorr Company, Inc., New York, N. Y. Grinding. Re. 20,941; Dec. 6.
- Sladky, Alexander C., assignor to Gendler Paeschke & Frey Co., Milwaukee, Wis. Portable container. 2,135,225; Nov. 1.
- Slaght, William W., Rocky River, assignor to Cleveland Steel Products Corporation, Cleveland, Ohio. Bearing cap. 2,114,861; Apr. 19.
- Slagle, Edgar A., North Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Producing diffric tetrachloride monosulphate. 2,137,361; Nov. 22.
- Slane, John, San Antonio, Tex. Heater. 2,124,434; July 19.
- Slatcher, Alfred G. (See Lear, E. B., and Slatcher.)
- Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Feeding device. 2,132,519; Oct. 11.
- Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Chuck mechanism for rock drills. 2,138,944; Dec. 6.
- Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Clamping device. 2,140,654; Dec. 20.
- Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve for pneumatic tools. 2,141,727; Dec. 27.
- Slater, Homer B., Pittsburgh, Pa., assignor to Koppers-Rheolaveur Company. Washer for coal and the like. 2,127,987; Aug. 23.
- Slater, N., Company Limited. (See Ridgers, Frederick G., assignor.)
- Slater, Sidney A. (See Evans, J. G., and Slater.)
- Slatsinsky, Joe L., Mattawan, Mich. Two-cycle supercharged internal combustion engine. 2,132,223; Oct. 4.
- Slatsinsky, John, Chicago, Ill. Closure operating device. 2,104,498; Jan. 4.
- Slaton, Henry T. (See Pope, C. C., and Slaton.)
- Slattery, William A. (See Ellis, H. A., and Slattery.)
- Slaughaupt, Bernard A., Chelan, Wash. Sign easel. 2,137,594; Nov. 22.
- Slaughaupt, George E., Vernon, Tex. Rod cleaner. 2,126,671; Aug. 9.
- Slaughter, George H., assignor of one-half to L. R. Beardsley, Benton Harbor, Mich. Insect exterminator. 2,130,041; Sept. 13.
- Slaughter, James A., Omaha, Nebr., assignor to New Process Mining Corporation, New York, N. Y. Mineral separating machine. 2,129,629; Sept. 6.
- Slauson, Harold W., Scarsdale, N. Y. Safety device for marine power plants. 2,124,497; July 19.
- Slavin, John J. (See Kindl, J. V., and Slavin.)
- Slavin, John J. (See Stuckenholz, C. S., and Slavin.)
- Slavin, Harry W., Los Angeles, Calif. Typewriter action. 2,139,700; Dec. 13.
- Slavsky, John R. (See Shaw, R. J., and Slavsky.)
- Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Sealing apparatus. 2,109,258; Feb. 22.
- Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Sintering glass batch. 2,114,545; Apr. 19.
- Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Acoustical material. 2,114,546; Apr. 19.
- Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Battery separator plate. 2,117,371; May 17.
- Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Air filter envelope. 2,118,271; May 24.
- Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Making articles of vitreous material. 2,119,259; May 31.
- Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Method and apparatus for making glass wool. 2,133,235; Oct. 11.
- Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Textile material. 2,133,237; Oct. 11.
- Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Low temperature insulation. 2,134,009; Oct. 25.
- Slayter, Games, and H. W. Collins, assignors, by mesne assignments, to Ingleside, Inc., Newark, Ohio. Partition. 2,118,237; May 24.
- Slayter, Games, and J. H. Thomas, Newark, Ohio, assignors to Owens-Illinois Glass Company. Glass wool and method and apparatus for making same. 2,133,236; Oct. 11.
- Slayter, Games, and J. H. Thomas, Newark, Ohio, assignors to Owens-Illinois Glass Company. Glass fabric. 2,133,238; Oct. 11.
- Slayter, Games, and J. L. Tucker, Newark, Ohio, assignors to Owens-Illinois Glass Company. Fabric belting. 2,135,057; Nov. 1.
- Slayter, Games, and H. W. Collins, assignors, by mesne assignments, to The Ingleside Company, Newark, Ohio. Building construction. 2,140,771; Dec. 20.
- Slayter, Games, and H. W. Collins, assignors, by mesne assignments, to The Ingleside Company, Newark, Ohio. Spline and connector. 2,140,772; Dec. 20.
- Slayter, Games, and H. W. Collins, assignors, by mesne assignments, to The Ingleside Company, Newark, Ohio. Flue. 2,140,773; Dec. 20.
- Slayton, Ensign T. (See McMullen, F. E., and Slayton.)
- Slee, Arthur L., San Francisco, Calif. Line indicating copy holder. 2,118,869; May 31.
- Sleeper, Harvey P., Short Hills, N. J. Phase sequence and voltage indicating means. 2,128,019; Aug. 23.
- Sleeper, Sanborn C., Newberry, and L. Du Pras, Marquette, Mich. Snowbank cutter. 2,115,790; May 3.
- Sleetex Company. (See Abdelnour, Dmitri C., assignor.)
- Sleigh, Herbert L., et al. (See Booth, John H., assignor.)
- Slepián, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric converter. 2,126,291; Aug. 9.
- Slepián, Joseph, Pittsburgh, and L. R. Ludwig, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,106,857; Feb. 1.
- Slesinger, Augusta. (See Bacon, James G., Jr., assignor.)
- Slezak, John, assignor to Turner Brass Works, Sycamore, Ill. Flatiron support. 2,117,042; May 10.
- Slezak, John, assignor to Turner Brass Works, Sycamore, Ill. Liquid fuel flatiron. 2,117,259; May 10.



- Slidell, Kemper, Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Chicago, Ill. Sound absorbing construction. 2,124,086; July 19.
- Sliger, Oscar, University City, Mo. Counter-sham. 2,120,653; June 14.
- Slikker, Dirk, assignor to American Enka Corporation, Enka, N. C. Stop mechanism for reeling machines. 2,122,115; June 28.
- Slingerland Banjo & Drum Company. (See McNamara, Ignatius J., assignor.)
- Slizus, Joseph, and M. Kairis, Seattle, Wash. Pneumatic boxing glove. 2,135,853; Nov. 8.
- Sloan, Clarence J., East Cleveland, Ohio. Radio control device. 2,140,655; Dec. 20.
- Sloan, Edward C., Geneva, and G. A. Sporre, St. Charles, assignors to J. B. Hawley, Geneva, Ill. Hat. 2,112,383; Mar. 29.
- Sloan, Edward C., Geneva, and G. A. Sporre, St. Charles, assignors to J. B. Hawley, Geneva, Ill. Making hats. 2,112,384; Mar. 29.
- Sloan, Edward C., Geneva, and G. A. Sporre, St. Charles, assignors to J. B. Hawley, Geneva, Ill. Hat. 2,136,473; Nov. 15.
- Sloan, Francis E., Baltimore, Md. Paper holder. 2,110,279; Mar. 8.
- Sloan, Francis P., Scarsdale, N. Y. Machine for smoothing the unset surface of cement flooring. 2,109,933; Mar. 1.
- Sloan, Francis P., Scarsdale, N. Y. Hopper. 2,120,269; June 14.
- Sloan, Harry, St. Louis County, assignor of one-half to A. E. Hughes, Overland, Mo. Dispensing top. 2,122,299; June 28.
- Sloan, Harry E., Hartford, and G. A. Highberg, West Hartford, assignors to The Cushman Chuck Company, Hartford, Conn. Chuck. 2,122,360; June 28.
- Sloan, Roland H., New Brighton, N. Y. Salesmen's presentation kit. 2,113,099; Apr. 5.
- Sloan, Theodore H., Charleroi, assignor to G. M. S. Corporation, Pittsburgh, Pa. Making hollow glassware. 2,106,193; Jan. 25.
- Sloan, Theodore H., Charleroi, Pa., assignor to Simplex Engineering Company. Stenciling apparatus. 2,113,413; Apr. 5.
- Sloan, Thomas N., Buffalo, N. Y., assignor to The Republic Steel Corp., Cleveland, Ohio. Die rolled article and producing same. 2,137,008; Nov. 15.
- Sloan Valve Company. (See Kocour, Emil J., assignor.)
- Sloan Valve Company. (See Krause, Carl H., assignor.)
- Sloan Valve Company. (See Sloan, William E., assignor.)
- Sloan, William E., assignor to Sloan Valve Company, Chicago, Ill. Flush valve. 2,136,221; Nov. 8.
- Sloan, William H., Washington, D. C., assignor of one-half to M. F. McCann, Seale, Ala. Pumping apparatus. 2,121,931; June 28.
- Sloane-Blabon Corporation. (See Koenig, Walter J., assignor.)
- Sloane-Blabon Corporation. (See Mayer, Frederick G., assignor.)
- Sloane-Blabon Corporation. (See Wagner, Albert, assignor.)
- Sloane, Max. (See Sloane, Nathan and M.)
- Sloane, Nathan and M., Brooklyn, N. Y. Reversible handbag cover. 2,107,347; Feb. 8.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,104,247; Jan. 4.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,113,630; Apr. 12.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,114,153; Apr. 12.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,114,361; Apr. 19.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,118,529; May 24.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,123,685; July 12.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf cutting machine. 2,130,601; Sept. 20.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,131,456; Sept. 27.
- Sloat, Charles B., Iloven, S. Dak. Sliding gate valve for internal combustion engines. 2,113,519; Apr. 5.
- Slobodkin, Simon H., New Rochelle, N. Y. Mixing bowl. 2,121,165; June 21.
- Slobody, Peter, San Francisco, Calif. Self-serving faucet. 2,111,007; Mar. 15.
- Slobotkin, Nathan, assignor of one-half to R. E. Zuckerman, New York, N. Y. Garment press. 2,110,031; Mar. 1.
- Slocum, Frank E., Doncaster, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for the intermittent production of rolled glass plates. 2,120,912; June 14.
- Slocum, Edward M., Macon, Ga. Recovery of oil from spent bleaching clay. 2,117,223; May 10.
- Slocum, Harvey F., Long Branch, N. J., assignor to American Telephone and Telegraph Company. Warning device for manholes. 2,113,713; Apr. 12.
- Slocum, Herbert H., assignor of one-half to J. W. Storfold, Seattle, Wash. Rotary press. 2,121,932; June 28.
- Slomer, William F., Detroit, Mich., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Apparatus and method for lapping gears. 2,139,290; Dec. 6.
- Slosberg, Benjamin L., St. Louis, Mo. Woman's shoe. 2,119,363; May 31.
- Sloss, Harry, Sausalito, assignor to Albert S. Samuels Company, San Francisco, Calif. Finger ring. 2,123,666; July 12.
- Slotsky, David, Cleveland, Ohio. Bifocal lens. 2,129,243; Sept. 6.
- Slotta, Max A., Chicago, Ill. Making screw threading dies. 2,127,574; Aug. 23.
- Slusser, Harry R. (See Baker, J. B., and Slusser.)
- Slusser, Harry R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 2,106,127; Jan. 18.
- Slusser, Harry R., and J. B. Baker, assignors to The Timken Roller Bearing Company, Canton, Ohio. Double row roller bearing. 2,128,683; Aug. 30.
- Slusser, James E., Suscon, Pa., assignor to Atlas Powder Company, Wilmington, Del. Molded explosive. 2,129,508; Sept. 6.
- Slutsky, Israel, New York, N. Y. Sign unit mounting. 2,125,403; Aug. 2.
- Slutsky, Samuel, South Bend, Ind. Air conditioner. 2,111,104; Mar. 15.
- Slutsky, Samuel, New York, assignor to I. Sherman, Brooklyn, N. Y. Sign. 2,116,416; May 3.
- Slutzky, Robert W. (See Slutzky, William and R. W.)
- Slutzky, William and R. W., New York, N. Y. Electrothermic fountain spatula with interchanging dental attachments. 2,111,645; Mar. 22.
- Sly, Caryl. (See Berliner, J. F. T., and Sly.)
- Sly, Caryl, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of hydrofuramide to furfurylamine. 2,112,715; Mar. 29.
- Sly, Caryl, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polynuclear hydroaromatic amines. 2,127,377; Aug. 16.
- Slye, Edward A., East Hartford, Conn., assignor, by mesne assignments, to Wayne Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,111,996; Mar. 22.
- Slye, Norman J. See Vaughan, P. P., Krueger, and Slye.)
- Smaaladen, Martin O. (See Olson, J., and Smaaladen.)
- Small, Alfred K. (See Truesdell, L. B., and Small.)
- Small, Edward P., Newtonville, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Machine for treating heel seats of shoes. 2,108,273; Feb. 15.
- Small, Frederick M., assignor, by mesne assignments, to Martin-Parry Corporation, York, Pa. Interior paneling. 2,121,213; June 21.
- Small, Guy W., assignor of fifty per cent to M. R. Workman, San Diego, Calif. Basketball signal apparatus. 2,125,822; Aug. 2.
- Small, Horatio L. (See Hillers, C. E., and Small.)
- Small, James W., Chicago, Ill. Trailer. 2,123,615; July 12.
- Small, James W., Chicago, Ill. Coffeepot. 2,126,584; Aug. 9.
- Small, Lisle F., and P. F. Lee, U. S. Navy, and A. A. Jennings, Vallejo, Calif. Securing turbine blades. 2,128,268; Aug. 30.
- Small, Lyndon F., Charlottesville, Va., assignor to the Government of the United States, represented by the Secretary of the Treasury. Ethers of morphine and dihydromorphine and their respective N-oxides. 2,104,058; Jan. 4.
- Small, Norman M., and L. Buehler, Jr., assignors to Frick Company, Waynesboro, Pa. Refrigerating system. 2,112,791; Mar. 29.
- Small, Norman M., and L. Buehler, Jr., assignors to Frick Company, Waynesboro, Pa. Refrigerating system capacity control. 2,123,123; July 5.
- Small, Thomas W., Fort Wayne, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Automatic record changing phonograph. 2,109,222; Feb. 22.
- Smallen, Louis J., Los Angeles, Calif. Adjustable broiler for ranges. 2,127,146; Aug. 16.
- Smallen, Louis J., Los Angeles, Calif. Broiler. 2,183,582; Oct. 18.
- Smalley, Henry L., Chicago, Ill., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Checkerwork. 2,108,871; Feb. 22.
- Smallwood, George E., London, England. Toy vehicle. 2,125,590; Aug. 2.
- Smallwood, Hugh M. (See Gerke, R. H., Ganzhorn, Howland, and Smallwood.)
- Smally, Emanuel C., Canton, Ohio. Electric device. 2,116,162; May 3.
- Smalls, Franklin W., Audubon, N. J., assignor to Radio Corporation of America. Piezoelectric crystal mounting. 2,139,918; Dec. 13.
- Smart, Alfred W., Rockville Centre, N. Y., assignor to Osbornmck Corporation. Spray gun. 2,112,546; Mar. 20.
- Smart, Carroll M., Detroit, Mich. Auxiliary sash construction. 2,115,287; Apr. 26.



- Smart, Norman C. (See Chubb, A. A., and Smart.)
- Smart, Norman C., Binley, Coventry, assignor to The General Electric Company, Limited, London, England. Controlling system for electrically operated lifts. 2,114,506; Apr. 19.
- Smart, Norman C., Binley, Coventry, assignor to The General Electric Company Limited, London, England. Electric system of control for lifts. 2,135,153; Nov. 1.
- Smart, Norman C., Coventry, assignor to The General Electric Company Limited, London, England. Electric system of control for lifts. 2,137,925; Nov. 22.
- Smart, Paul. (See Henszey, R. O., Buehler, and Smart.)
- Smart, Robert E. (See Hatch, J. A., Daniels, and Smart.)
- Smart, William A. (See Bennion, L. H., and Smart.)
- Smeal, Arthur B., and W. K. Jull, Calgary, Alberta, Canada. Amusement device in which weights are projected upwardly. 2,132,444; Oct. 11.
- Smeal, Ellis K., Morrisdale, assignor of one-half to J. Little, Phillipsburg, Pa. Roadway snow excavator. 2,109,094; Feb. 22.
- Smellie, Donald G. (See Demaree, H. S., and Smellie.)
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,112,311; Mar. 29.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,114,116; Apr. 12.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,130,513; Sept. 20.
- Smetana, Otto F., assignor to Quaker Hosiery Company, Philadelphia, Pa. Stocking and making the same. 2,109,156; Feb. 22.
- Smetherman, Jesse C., Bakersfield, assignor to Globe Oil Tools Company, Los Nietos, Calif. Core drill construction. 2,141,800; Dec. 27.
- Smets, Florent E. A. (See Van Mierlo, S., Pulles, Smets, and Devaux.)
- Smith, F. L., & Company. (See Ahlmann, Nikolai, assignor.)
- Smith, F. L., & Company. (See Petersen, Aage V., assignor.)
- Smith, F. L., & Company. (See Røder, Carl F. L., assignor.)
- Smith, F. L., & Co. (See Vogel-Jorgensen, Mikael, assignor.)
- Smith, Leonard, New York, N. Y. Urea-formaldehyde condensation products. 2,140,561; Dec. 20.
- Smith, Leonard, New York, assignor to Luco Products Corporation, Brooklyn, N. Y. Producing molding compositions. 2,140,560; Dec. 20.
- Smiggen, Boleslaus F., Detroit, Mich. Dispensing device. 2,135,854; Nov. 8.
- Smilack, Jacob, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,105,958; Jan. 18.
- Smilack, Jacob, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,128,020; Aug. 23.
- Smiley, Dwight H. (See Wittel, O., Martin, and Smiley.)
- Smiley, Gilbert, Hingham, Mass., assignor, by mesne assignments, to Hammond Instrument Company, Chicago, Ill. Producing musical sounds electrically. Re. 20,825; Aug. 9.
- Smiley, Gilbert, Hingham, Mass., assignor, by mesne assignments, to Hammond Instrument Company, Chicago, Ill. Electronic musical instrument. Re. 20,831; Aug. 16.
- Smiley, Pearl Y., Kitchener, Ontario, Canada, assignor to The B. F. Goodrich Company, New York, N. Y. Footwear. 2,105,335; Jan. 11.
- Smiley, Pearl Y., Kitchener, Ontario, Canada, assignor to The B. F. Goodrich Company, New York, N. Y. Shoe. 2,114,749; Apr. 19.
- Smiley, Wilbert S. (See Smith, F. T., and Smiley.)
- Smiling, Bruno M., Devon, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Adjustable gun mount. 2,111,008; Mar. 15.
- Smit, J. K., & Sons, Inc. (See Taylor, Rutherford H., assignor.)
- Smith, A. O., Corporation. (See Bice, L., and Soular, assignors.)
- Smith, A. O., Corporation. (See Burgess, Edward W., assignor.)
- Smith, A. O., Corporation. (See Dickey, F. F., and Cole, assignors.)
- Smith, A. O., Corporation. (See Kepler, William R., assignor.)
- Smith, A. O., Corporation. (See Kopp, Carl J., assignor.)
- Smith, A. O., Corporation. (See Larson, Louis J., assignor.)
- Smith, A. O., Corporation. (See Meyer, Albert W., assignor.)
- Smith, A. O., Corporation. (See Sherman, Donald W., assignor.)
- Smith, A. O., Corporation. (See Straty, Stephen, assignor.)
- Smith, A. O., Corporation. (See Tiedemann, Julius B., assignor.)
- Smith, A. O., Corporation. (See Zerbe, Frederick K., assignor.)
- Smith, Abram E., and W. H. Runkel, assignors to Union Tank Car Company, Chicago, Ill. Car. 2,108,416; Feb. 15.
- Smith, Albert A., Jr., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Welding lead and lead alloys. 2,122,185; June 28.
- Smith, Albert J., Mineola, N. Y. Flush tank for water closets. 2,114,820; Apr. 19.
- Smith, Albert K. (See Hampton, L. N., and Smith.)
- Smith, Albert K. (See Prutton, C. F., and Smith.)
- Smith, Albert L., Medway, H. M. Parsons, Arlington, and R. Quessy, Cambridge, assignors to Walker & Pratt Manufacturing Co., Boston, Mass. Range. 2,133,639; Oct. 18.
- Smith, Alex. (See Beskow, James H., assignor.)
- Smith, Alexander M., Kent, assignor to The Lamson & Sessions Company, Cleveland, Ohio. Manufacture of clevises and the like. 2,120,118; June 7.
- Smith, Alexander M., and L. H. Strayer, Kent, assignors to The Lamson & Sessions Company, Cleveland, Ohio. Article feeding device. 2,108,694; Feb. 15.
- Smith, Alfred R., Forest Hills, Long Island, N. Y., assignor to Combustion Engineering Company, Inc. Flash drying control. 2,132,656; Oct. 11.
- Smith, Alva T., assignor to National Enameling and Stamping Company, Milwaukee, Wis. Electric broiling appliance. 2,110,559; Mar. 8.
- Smith, Anton J., and G. J. Coupe, assignors to Felt & Tarrant Mfg. Co., Chicago, Ill. Distribution device. 2,117,372; May 17.
- Smith, Archibald L., and F. E. McGovern, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Screen chute. 2,124,475; July 19.
- Smith, Arthur C., San Bernardino, assignor of one-sixth to R. E. White, San Francisco, Calif. Slug eliminator for vending machines. 2,138,055; Nov. 29.
- Smith, Arthur D., Park Ridge, Ill. Bituminous road dressing. 2,114,689; Apr. 19.
- Smith, Arthur E., Los Angeles, Calif. Hypodermic syringe. 2,132,763; Oct. 11.
- Smith, Arthur G., assignor to S. Morgan Smith Company, York, Pa. Relief valve. 2,104,934; Jan. 11.
- Smith, Arthur L., La Canada, assignor to Neon Lights, Incorporated, Los Angeles, Calif. Electric sign display and making same. 2,106,331; Jan. 25.
- Smith, Arthur L., and R. D. Curtis, Oakland, Calif., assignors to The Sherwin-Williams Company. Insecticides. 2,115,933; May 3.
- Smith, Arthur M., trustee. (See Nicholas, Andrew J., assignor.)
- Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,121,643; June 21.
- Smith, Beauford B. (See Waunch, Robert, assignor.)
- Smith, Benjamin F., and W. E., and W. C. Broyles, Fort Smith, Ark. Sandwich bun slicer. 2,126,226; Aug. 9.
- Smith, Benjamin H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Instrument scale length multiplier. 2,137,066; Nov. 15.
- Smith, Benjamin R., Owensboro, Ky. Chair. 2,105,510; Jan. 18.
- Smith, Bernard P., Newark, assignor to The Regina Corporation, Rahway, N. J. Vacuum cleaner with headlight. 2,132,007; Oct. 4.
- Smith, Bertha O., assignor of one-half to A. L. Godfrey, Minneapolis, Minn. Device for depicting prevailing air currents of the earth. 2,105,619; Jan. 18.
- Smith, Bruno M. (See Langley, S. G., Braun, and Smith.)
- Smith, Caleb, and J. L. Peterson, Seneca Falls, N. Y.; said Peterson assignor to said Smith. Circular knitting machine. 2,137,362; Nov. 22.
- Smith, Carl W., Glendale, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Rail brake. 2,115,542; Apr. 26.
- Smith, Carroll Cummings. (See Williams, I., and Smith.)
- Smith, Cecil W., Waterman, Ill. Liquid dispensing device. 2,132,657; Oct. 11.
- Smith, Chalmers C., Glendale, and R. H. Pinker, Los Angeles, Calif. Color photography. 2,115,886; May 3.
- Smith, Charles, New York, N. Y. Variable incidence wing for airplanes. 2,118,987; May 31.
- Smith, Charles A., Toledo, assignor to Signco, Inc., Perrysburg, Ohio. Sign. 2,119,931; June 7.
- Smith, Charles D., Roswell, N. Mex. Riding stock saddle. 2,116,585; May 10.
- Smith, Charles D., Alma, assignor, by mesne assignments, to Alma Motor Company, St. Louis, Mich. Motor vehicle construction. 2,132,545; Oct. 11.
- Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Bulletin board construction. 2,125,964; Aug. 9.
- Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electric device. 2,137,198; Nov. 15.
- Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Gaseous conduction apparatus. 2,138,518; Nov. 29.
- Smith, Charles H., St. Petersburg, Fla. Drinking mouthpiece for bottles or the like. 2,107,309; Feb. 8.
- Smith, Charles H., Essex, England, assignor to Normahoffmann Bearings Corporation, Stamford, Conn. Roller thrust bearing. 2,117,633; May 17.
- Smith, Charles H., Coalgate, Okla. Roll rack. 2,135,540; Nov. 8.



- Smith, Charles H., and J. E. Conner, Casper, Wyo.; said Conner assignor to said Smith. Display device. 2,108,002; Feb. 8.
- Smith, Charles J., assignor to The Dayton Malleable Iron Company, Dayton, Ohio. Jack. 2,107,717; Feb. 8.
- Smith, Charles L., San Diego, Calif. Propeller blade pitch regulator. 2,139,982; Dec. 13.
- Smith, Charles N., University City, Mo., and J. R. Willard, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Shelf structure for refrigerators. 2,140,611; Dec. 20.
- Smith, Charles S., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,116,546; May 10.
- Smith, Charles T., The Dalles, Oreg. Apparatus for dredging. 2,120,444; June 14.
- Smith, Charles W., et al. (See Sollinger, Henry R., assignor.)
- Smith, Chauncey W., Montclair, N. J., assignor to American Telephone and Telegraph Company. Impulse transmitting system. 2,136,984; Nov. 15.
- Smith, Clarence C. (See Christensen, N. V., Rubel, Smith, and Le Vesconte.)
- Smith, Clarence C. (See Le Vesconte, H. J., and Smith.)
- Smith, Clarence C. (See Sauer, G., and Smith.)
- Smith, Clarence E. (See Crain, M. L., and Smith.)
- Smith, Claude H., Talmadge, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Plastic. 2,105,825; Jan. 18.
- Smith, Claude H., Talmadge, and C. W. Gay, assignors to Wingfoot Corporation, Akron, Ohio. Manufacture of mercaptobenzothiazoles. 2,117,120; May 10.
- Smith, Claude H., Talmadge, R. W. Moorhouse, Fairlawn, and J. J. Hartz, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Separating fiber from rubber. 2,126,672; Aug. 9.
- Smith, Clifford W., et al., administrators. (See Roberts, Arthur A.)
- Smith, Clifton F., Memphis, Tenn. Engine. 2,137,730; Nov. 22.
- Smith, Cornelius W., Detroit, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Rubber tire. 2,136,567; Nov. 15.
- Smith, Cyril S., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Copper-cobalt-zinc alloy. 2,126,827; Aug. 16.
- Smith, Cyril S., Cheshire, Conn., assignor to Anaconda Copper Mining Company, New York, N. Y. Improving the surface of copper and copper alloy castings. 2,131,719; Sept. 27.
- Smith, Dakota T. (See Steensgaard, Carl C., assignor.)
- Smith, Dallas M., Kirkwood, Mo. Piston expander. 2,122,729; July 5.
- Smith, Dan, Liberal, Kans. Automatically adjustable self-centering drawbar. 2,110,114; Mar. 1.
- Smith, Dan, Liberal, Kans. Adjustable self-centering drawbar. 2,124,043; July 19.
- Smith, Daniel H., Shirley, assignor of one-fourth to A. Tipton, Clinton, Ark. Well drilling machine. 2,136,596; Nov. 15.
- Smith, David C., assignor to himself and O. S. Brumback, Toledo, Ohio. Adjustable clamping tool. 2,138,245; Nov. 29.
- Smith, Dixon H., San Jose, Calif., assignor to Continental Can Company, Inc., New York, N. Y. Stop mechanism for presses. 2,134,933; Nov. 1.
- Smith, Donald K. (See Jones, A. L., and Smith.)
- Smith, Dorothy S., New York, N. Y. Back rest. 2,105,336; Jan. 11.
- Smith, Earl F., and G. K. Wilson, assignors to Midwest Metal Products Company, Muncie, Ind. Mounting strip for lath stays. 2,124,966; July 26.
- Smith, Earl K. (See Edwards, D. V., and Smith.)
- Smith, Earl W., et al. (See Elder, Frank T.)
- Smith, Earle C., Cleveland Heights, and G. T. Motok, Canton, assignors to Republic Steel Corporation, Cleveland, Ohio. Corrosion resisting iron. 2,121,055; June 21.
- Smith, Earle C., Cleveland Heights, and G. T. Motok, Massillon, assignors to Republic Steel Corporation, Cleveland, Ohio. Titanium iron alloy. 2,121,056; June 21.
- Smith, Earle C., Cleveland Heights, and G. T. Motok, Massillon, assignors to Republic Steel Corporation, Cleveland, Ohio. Arsenic iron alloy. 2,121,057; June 21.
- Smith, Edward J., and V. R., West Norwood, N. J. Stapling and ring forming machine. 2,130,779; Sept. 20.
- Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Treating milk. 2,109,912; Mar. 1.
- Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Treating milk. 2,110,115; Mar. 1.
- Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Treating milk. 2,112,203; Mar. 22.
- Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Apparatus for treating metals. 2,116,367; May 3.
- Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Means and method of vibrating the wire of a paper-making machine. 2,128,260; Aug. 30.
- Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Gasket, packing, and the like. 2,131,762; Oct. 4.
- Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Charging storage batteries. 2,141,624; Dec. 27.
- Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery charge indicating means. 2,141,625; Dec. 27.
- Smith, Elias A. C., assignor to Guggenheim Brothers, New York, N. Y. Recovery of salts from aqueous solutions. 2,118,272; May 24.
- Smith, Ellis R., Bradford, Pa. Electrode holder. 2,131,861; Oct. 4.
- Smith, Elmer C., assignor of one-half to C. B. Hackleman, Plainview, Tex. Bolt construction. 2,124,658; July 26.
- Smith, Elmer, H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Beer faucet. 2,119,250; May 31.
- Smith, Elmer L., Longmeadow, assignor to Package Machinery Company, Springfield, Mass. Tucking device for wrapping machines. 2,132,546; Oct. 11.
- Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Mechanism for supplying sheet material. 2,111,338; Mar. 15.
- Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Delivery device for wrapping machines. 2,117,517; May 17.
- Smith, Elmer R. (See Turechek, G. F., and Smith.)
- Smith, Emerson P. (See Benson, Edward E., assignor.)
- Smith, Emmet Q., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Mounting of moldings, etc. 2,118,800; May 24.
- Smith Engineering Works. (See Rumpel, Harvey H., assignor.)
- Smith, Ernest A. (See Scott, L. E., and Smith.)
- Smith, Ernest J., Fleet Street, London, England, assignor to The Goss Printing Press Company, Chicago, Ill. Multicolor rotary proof press. 2,118,238; May 24.
- Smith, Esmond W., Chipstead, J. N. Dean, Westerham, and F. Mattingley, East Sheen, London, assignors to Telegraph Construction & Maintenance Company, Limited, London, England. High frequency electric cable. 2,137,926; Nov. 22.
- Smith, Esther F. and H. H. Brookline, Mass. Wearing apparel. 2,138,822; Dec. 6.
- Smith, Eugene J. (See Rowland, H. R., and Smith.)
- Smith, Ewen R., Penig in Saxony, Germany. Apparatus for the forming of thick paper articles such as barrels, tubs, plates, and the like. 2,106,440; Jan. 25.
- Smith, Ewen R., assignor to Papercrete Limited, London, England. Forming of paperboards. 2,107,587; Feb. 8.
- Smith, Ferris N., Grand Rapids, Mich. Humidifier. 2,131,125; Sept. 27.
- Smith, Floyd, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute apparatus. 2,130,567; Sept. 20.
- Smith, Floyd, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute apparatus. 2,130,568; Sept. 20.
- Smith, Floyd, assignor to Irving Air Chute Co., Inc., Buffalo, N. Y. Parachute apparatus. 2,130,569; Sept. 20.
- Smith, Floyd E., Hapeville, Ga. Carburetor. 2,133,757; Oct. 18.
- Smith, Floyd L., Los Angeles, Calif. Filing case. 2,118,239; May 24.
- Smith, Frances M., et al. (See Presby, Harry A., assignor.)
- Smith, Francis P., Jr., Mamaroneck, N. Y., and H. B. Smith, Leesburg, N. J. Boat and similar vehicle. 2,122,300; June 28.
- Smith, Frank B. (See Britton, E. C., Smith, Livak, and Sunderland.)
- Smith, Frank B. (See Mills, L. E., Smith, and Livak.)
- Smith, Frank B., assignor to The Dow Chemical Company, Midland, Mich. Amino-nitro-cyclohexyl-phenols. 2,128,195; Aug. 23.
- Smith, Frank B., and J. E. Livak, assignors to The Dow Chemical Company, Midland, Mich. Preparation of pentachlorophenol. 2,107,650; Feb. 8.
- Smith, Frank H., New York, N. Y., and H. A. Stringfellow, St. Thomas, Ontario, Canada. Method of and apparatus for drawing wire. 2,138,126; Nov. 29.
- Smith, Frank M., assignor, by mesne assignments, to Stout Motor Car Corporation, Dearborn, Mich. Shock strut. 2,124,087; July 19.
- Smith, Frank P. (See Bird, Byron M., and Smith.)
- Smith, Franklin D., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Noncaking sodium acid sulfite. 2,119,970; June 7.
- Smith, Franklin S., New Haven, Conn. Condenser construction. 2,107,132; Feb. 1.
- Smith, Franklin S., New Haven, Conn. Method and apparatus for drying. 2,127,474; Aug. 16.
- Smith, Franklin S., New Haven, Conn. Adhesive. 2,127,540; Aug. 28.
- Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,703; Oct. 11.
- Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,704; Oct. 11.



- Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,705; Oct. 11.
- Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,706; Oct. 11.
- Smith, Franklin S., New Haven, Conn. Electrical treating apparatus, especially for sterilization. 2,132,707; Oct. 11.
- Smith, Franklin S., New Haven, Conn. Method for treating materials and electrical treating apparatus, especially for sterilization. 2,132,708; Oct. 11.
- Smith, Franklin S., New Haven, Conn., assignor to Thermal Engineering Corporation, Richmond, Va. Art and apparatus for treating tobacco and the like. Re. 20,932; Nov. 29.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Combination package. 2,135,242; Nov. 1.
- Smith, Fred C., Jr. (See Neuhaus, R., Smith, and Payne.)
- Smith, Fred C., Jr., assignor to Hughes Tool Company, Houston, Tex. Cutter mounting. 2,122,763; July 5.
- Smith, Fred W. (See Freetag, H. C., O'Dell, and Smith.)
- Smith, Frederick E., San Leandro, Calif. Dispenser. 2,129,971; Sept. 13.
- Smith, Frederick P., Glassboro, N. J. Prepayment gas meter. 2,114,117; Apr. 12.
- Smith, Frederick T., and W. S. Smiley, Woodville, Pa. Nest. 2,105,058; Jan. 11.
- Smith, George E., Denver, Colo. Ventilating insole. 2,122,497; July 5.
- Smith, George H., Elmhurst, Ill. Basket. 2,128,174; Aug. 23.
- Smith, George H., Kenmore, assignor to R. F. Taber, North Tonawanda, N. Y. Apparatus for measuring the stiffness of flexible materials. 2,113,389; Apr. 5.
- Smith, George H., Kenmore, and W. J. Jacobson, Buffalo, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Pressure regulating and reducing apparatus. 2,119,473; May 31.
- Smith, George J., Toronto, Ontario, Canada. Cooking utensil. 2,118,530; May 24.
- Smith, George M., Milwaukee, Wis. Lawn mower. 2,121,451; June 21.
- Smith, George R. (See Ocker, W. C., and Smith.)
- Smith, George R., assignor to C. V. S. Manufacturing Company, Flint, Mich. Spark plug. 2,138,558; Nov. 29.
- Smith, George S., Chicago, Ill. Feeder. 2,128,501; Aug. 30.
- Smith, George W., Dayton, Ohio. Heat resistive coating for metals. 2,115,127; Apr. 26.
- Smith, George W., Newburgh, N. Y. Piano bench. 2,136,325; Nov. 8.
- Smith, George W., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Separating inorganic salts from solutions. 2,108,783; Feb. 15.
- Smith, Gertrude L., Los Angeles, Calif. Spiral binder. 2,127,434; Aug. 16.
- Smith, Gertrude L., Los Angeles, Calif. Hair curler. 2,140,857; Dec. 20.
- Smith, Gertrude L., Los Angeles, Calif. Hair curling device. 2,140,858; Dec. 20.
- Smith, Gilbert, Fayetteville, W. Va. Mine loading apparatus. 2,138,750; Nov. 29.
- Smith, Gilbert M. (See Johnson, C. W., and Smith.)
- Smith, Glen O., trustee. (See Droz, Benjamin J., assignor.)
- Smith, Guy H. B., Jr. (See Bowles, E. L., and Smith.)
- Smith, H. Ernest. (See Stripling, Luke S., assignor.)
- Smith, H. H., et al. (See Warner, Robert L. L., assignor.)
- Smith, Hannah M. (See Keen, Thomas A., assignor.)
- Smith, Harold, Sutton Coldfield, and G. C. Brentnall, assignors to Dunlop Rubber Company, Limited, Erdington, Birmingham, England. Immersion apparatus for subaqueous leak testing of pneumatic tire tubes. 2,135,681; Nov. 8.
- Smith, Harold C., assignor of one-half to R. C. Johnson, West Orange, N. J. Metal cutting tool. 2,108,237; Feb. 15.
- Smith, Harold F., assignor to Trans-Lure Bolt Company, Chicago, Ill. Fish lure. 2,112,385; Mar. 29.
- Smith, Harold H., Parkview, Johannesburg, assignor of three-fourths to General Mining & Finance Corporation Limited, Johannesburg, Union of South Africa. Ore dressing jig. 2,134,154; Oct. 25.
- Smith, Harry, Leytonstone, London, England, assignor to The Payson Manufacturing Co., Chicago, Ill. Regulator for the closing of two hinged parts. 2,122,162; June 28.
- Smith, Harry A., Watertown, Pa. Bowl hanger. 2,122,730; July 5.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Hinge. 2,106,509; Jan. 25.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Electrical apparatus. 2,111,009; Mar. 15.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Air dehumidification. 2,114,787; Apr. 19.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,119,494; May 31.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,122,012; June 28.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,122,013; June 28.
- Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,122,161; June 28.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Concentrating method. 2,126,928; Aug. 16.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,128,021; Aug. 23.
- Smith, Harry F., assignor to The Acklin Stamping Company, Toledo, Ohio. Manifold. 2,135,628; Nov. 8.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,136,641; Nov. 15.
- Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Electrical apparatus. 2,141,050; Dec. 20.
- Smith, Harry G., Flint, assignor to General Motors Corporation, Detroit, Mich. Fan. 2,132,133; Oct. 4.
- Smith, Harry H. (See Hill, David J., assignor.)
- Smith, Harry H. (See Smith, Esther F. and H. H.)
- Smith, Harvey A., Webster Groves, Mo. Automatic transmission control. 2,106,307; Jan. 25.
- Smith, Hazor J., Longmeadow, assignor to Moore Drop Forging Company, Springfield, Mass. One-piece shrouded hinge member and forming same. 2,112,312; Mar. 29.
- Smith, Hazor J., Longmeadow, Mass., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Temperature control for paper mills and the like. 2,135,627; Nov. 8.
- Smith, Henry B. (See Smith, Francis P., Jr., and H. B.)
- Smith, Henry B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose mixed ester compositions containing higher fatty acid esters. 2,108,452; Feb. 15.
- Smith, Henry B., Rochester, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose mixed ester composition containing an alkyl ester of a dicarboxylic aliphatic acid. 2,117,827; May 17.
- Smith, Henry B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose acetate-propionate composition containing a lower alkyl ricinoleate. 2,119,722; June 7.
- Smith, Henry B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose mixed ester sheeting containing a lower alkyl myristate. 2,126,510; Aug. 9.
- Smith, Henry B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose organic ester composition containing a butyl-p-toluene sulphonamide. 2,132,884; Oct. 11.
- Smith, Henry B., and D. R. Swan, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing diphenyl ether. 2,138,889; Dec. 6.
- Smith, Henry C., assignor to Superior Hand Brake Co., Chicago, Ill. Brake mechanism. 2,139,644; Dec. 6.
- Smith, Henry J. (See Favery, C. B., Smith, and Van Bueren.)
- Smith, Henry J. (See Welborn, E. C., and Smith.)
- Smith, Herbert, Seattle, Wash. Building construction. 2,116,003; May 3.
- Smith, Herbert C. (See Newport, C. L., and Smith.)
- Smith, Herbert F., Springfield, Ohio. Grinding machine. 2,131,151; Sept. 27.
- Smith, Herbert K., Inglewood, Calif. Wrist watch band. 2,106,540; Jan. 25.
- Smith, Herman, and D. J. Cohn, Chicago, Ill. Milk-dispensing device. 2,117,747; May 17.
- Smith, Herman C., Whittier, Calif. Underreamer. 2,110,582; Mar. 8.
- Smith, Herman C., Whittier, Calif. Underreamer. 2,121,888; June 28.
- Smith, Herman C., Whittier, Calif. Cutter. 2,126,145; Aug. 9.
- Smith, Herman C., Los Angeles, Calif. Underreamer. 2,126,146; Aug. 9.
- Smith, Herman C., Whittier, and J. T. Phipps, Huntington Park, Calif.; said Phipps assignor to said Smith. Roller bit. 2,132,498; Oct. 11.
- Smith, Herman S. (See Phipps, John T., assignor.)
- Smith, Hinsdale, Jr. (See Smith, Hinsdale, assignor.)
- Smith, Hinsdale, Springfield, Mass., assignor to H. Smith, Jr., New York, N. Y. Projection apparatus. 2,131,693; Sept. 27.
- Smith, Hiram P. (See Graham, W. S., and Smith.)
- Smith, Hiram P., West Yarmouth, Mass. Handrail for bathtubs. 2,122,626; July 5.
- Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Tractor cultivator. 2,129,746; Sept. 13.
- Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Adjusting mechanism for tractor implements. 2,136,640; Nov. 15.
- Smith, Hobart F., Los Angeles, Calif. Light reflecting device. 2,123,478; July 12.



- Smith, Horace L., Jr., assignor to Thermal Engineering Corporation, Richmond, Va. Railway car air conditioning system. 2,110,581; Mar. 8.
- Smith, Horace L., Jr., assignor to Thermal Engineering Corporation, Richmond, Va. Drying process. 2,124,012; July 19.
- Smith, Horace L., Jr., and L. N. Jones, assignors to Thermal Engineering Corporation, Richmond, Va. Railway car air conditioning system. 2,111,905; Mar. 22.
- Smith, Horace L., Jr., and L. N. Jones, assignors to Thermal Engineering Corporation, Richmond, Va. Apparatus for treating canned materials. 2,124,010; July 19.
- Smith, Howard, Belleville, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron construction. 2,127,050; Aug. 16.
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Light weight sadiron construction. 2,106,936; Feb. 1.
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Thermostat assembly. 2,117,578; May 17.
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Grid retaining means for electrical appliances. 2,117,579; May 17.
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Corn popper. 2,120,718; June 14.
- Smith, Howard A., New York, N. Y. Weather strip. 2,130,042; Sept. 13.
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Toaster assembly. 2,133,583; Oct. 18.
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Heating plate structure. 2,136,763; Nov. 15.
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Multiheat electric appliance. 2,136,764; Nov. 15.
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron construction. 2,140,173; Dec. 13.
- Smith, Howard A. and M. E., Fairfield, Conn. Elastic fabric. 2,128,764; Aug. 30.
- Smith, Howard H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone transmission system. 2,103,016; Jan. 11.
- Smith, Howard V. (See Stanford, E. R., and Smith.)
- Smith, Howard V., Eldorado, Kans., assignor to Skelly Oil Company, Tulsa, Okla. Combined oil cracking and viscosity breaking process. 2,116,417; May 3.
- Smith, Hugh R., Los Angeles, Calif., assignor, by mesne assignments, to General Motors Corporation. Coin controlled refrigerating mechanism. 2,139,523; Dec. 6.
- Smith, Hugh R., Los Angeles, Calif., assignor, by mesne assignments, to General Motors Corporation. Automatic coin controlled time registering electric switch. 2,139,524; Dec. 6.
- Smith, Ira C., Scranton, Pa. Grate. 2,111,438; Mar. 15.
- Smith, Jacob A., River Forest, Ill. Piercing die. 2,108,619; Feb. 15.
- Smith, James A., Elmira, assignor to Underwood Elliott Fisher Company, New York, N. Y. Writing machine. 2,126,352; Aug. 9.
- Smith, James J. (See Watt, B. L., and Smith.)
- Smith, James M., Aliquippa, Pa., assignor to Jones & Laughlin Steel Corporation. Cold reducing ferrous material. 2,116,126; May 3.
- Smith, James T., assignor to Mills Novelty Company, Chicago, Ill. Refrigerating system for ice cream freezers. 2,117,119; May 10.
- Smith, Jesse A. B. (See Kurowski, A. G. F., and Smith.)
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Manifold device. 2,104,953; Jan. 11.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,107,397; Feb. 8.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,107,398; Feb. 8.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,113,006; Apr. 5.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,115,920; May 3.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,131,149; Sept. 27.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,131,150; Sept. 27.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,134,845; Nov. 1.
- Smith, John B., F. R. Seavey, and C. A. Taylor, Alton, assignors to Western Cartridge Company, East Alton, Ill. Delay detonator. 2,133,119; Oct. 11.
- Smith, John C., assignor to Hat Corporation of America, Norwalk, Conn. Trimming apparatus. 2,105,131; Jan. 11.
- Smith, John C., Beaver, Pa., assignor to Solar Laboratories. Method of and apparatus for decorating spherical and other articles having curved surfaces by a stenciling process. 2,105,378; Jan. 11.
- Smith, John C., Beaver, Pa., assignor to Solar Laboratories. Apparatus for stenciling. 2,124,011; July 19.
- Smith, John E., Los Angeles, Calif. Cement spray device. 2,124,989; July 26.
- Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe cementing apparatus. 2,109,323; Feb. 22.
- Smith, John P., assignor to The Visking Corporation, Chicago, Ill. Apparatus for manufacturing cellulose coated and impregnated fibrous tubes. 2,105,273; Jan. 11.
- Smith, John P., Erlton, N. J., assignor to Radio Corporation of America. Method and apparatus for delaying electrical impulses. 2,118,626; May 24.
- Smith, John P., Erlton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical apparatus. 2,132,654; Oct. 11.
- Smith, John P., Erlton, N. J., assignor to Radio Corporation of America. System for producing electrical impulses. 2,132,655; Oct. 11.
- Smith, John P., Jr., Ridgewood, assignor to The Daven Company, Newark, N. J. Output power meter. 2,119,364; May 31.
- Smith, John W., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,114,480; Apr. 19.
- Smith, John W., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,121,237; June 21.
- Smith, John W., assignor to The Fafnir Bearing Company, New Britain, Conn. Pulley. 2,137,987; Nov. 22.
- Smith, John W., Morristown, and G. N. Thayer, Glen Ridge, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency stabilization system. 2,114,036; Apr. 12.
- Smith-Johnson Corporation. (See Smith, Neil V., assignor.)
- Smith-Johnson Corporation. (See Stoll, Carl W., assignor.)
- Smith, Joseph H., Elstree, and H. T. Cohen, Bushey, assignors to Humphreys & Glasgow Limited, London, England. Carbonization of fuel. 2,113,520; Apr. 5.
- Smith, Joseph L., Glen Ellyn, Ill. Muffler repair jacket. 2,107,588; Feb. 8.
- Smith, Joseph W., Cambridge, Ohio, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Mounting for ophthalmic lenses. 2,123,385; July 12.
- Smith, L. C., & Corona Typewriters, Inc. (See Avery, H. A., and Barksdell, assignors.)
- Smith, L. C., & Corona Typewriters, Inc. (See Bradt, C. H., and Higgins, assignors.)
- Smith, L. C., & Corona Typewriters, Inc. (See Bradt, Charles H., assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Gabrielson, Carl, assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Gabrielson, William A., assignor.)
- Smith, L. C., & Corona Typewriters, Inc. (See Harmon, Edwin L., assignor.)
- Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Liquid dispensing device. 2,127,848; Aug. 23.
- Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigeration evaporator. 2,133,929; Oct. 18.
- Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Separator coil. 2,140,484; Dec. 13.
- Smith, Lawrence S. (See Hubbard, K. H., and Smith.)
- Smith, Leonard C., assignor to Heating Ventilating & Air Conditioning Co. Inc., New York, N. Y. Air conditioning apparatus. 2,115,288; Apr. 26.
- Smith, Leonard W. (See Pierson, R. N., and Smith.)
- Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Hat cleaning tool. 2,106,069; Jan. 18.
- Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Hood for rock drills. 2,107,552; Feb. 8.
- Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Rock drill hood. 2,129,509; Sept. 6.
- Smith, Lewis R., Nampa, Idaho. Grass guard for mowers. 2,123,124; July 5.
- Smith, Lewis C. (See Atwood, J. T., and Smith.)
- Smith, Lewis R., and W. A. Minkler, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. 2,127,539; Aug. 23.
- Smith, Lewis V., Atlanta, Ga. Brake system for trailers. 2,114,941; Apr. 19.
- Smith, Lewis V., Los Angeles, Calif. Construction for devices made of flexible transparent material. 2,125,523; Aug. 2.
- Smith, Lloyd A. (See Brooker, L. G. S., and Smith.)
- Smith, Lloyd B., Moorestown, N. J., S. R. Funsten, Rosemont, and H. W. Field, Glen Mills, assignors to The Atlantic Refining Company, Philadelphia, Pa. Producing a hydrocarbon fluorescent product. 2,106,767; Feb. 1.
- Smith, Lloyd E., Washington, D. C., dedicated to the free use of the people of the United States of America. Insecticide. 2,115,040; Apr. 24.
- Smith, Lloyd E., Washington, D. C. Insecticide. 2,127,090; Aug. 10.



- Smith, Lloyd H. (See White, George A., assignor.)
- Smith, London P., Inc. (See Jorgenson, Arthur P., assignor.)
- Smith, Luther H., Murrells Inlet, S. C. Amusement device. 2,105,379; Jan. 11.
- Smith, Manville D., New York, N. Y. Book end construction. 2,140,656; Dec. 20.
- Smith, Marion F. (See Greider, H. W., and Smith.)
- Smith, Marshall A., Jr., assignor to Bendix Products Corporation, South Bend, Ind. Fan. 2,130,910; Sept. 20.
- Smith, Marshall A., Jr., assignor to Bendix Aviation Corporation, South Bend, Ind. Variable pitch propeller. 2,140,722; Dec. 20.
- Smith, May E. (See Smith, Howard A. and M. E.)
- Smith, Melford B., and E. E. Carlson, assignors of one-fourth to D. A. Sampson, San Francisco, Calif. Burner. 2,118,741; May 24.
- Smith, Morton, Long Eaton, assignor to S. Hobson, Nottingham, England. Construction of machines. 2,120,194; June 7.
- Smith, Nell V., assignor to Smith-Johnson Corporation, Los Angeles, Calif. Grease gun. 2,114,507; Apr. 19.
- Smith, Nellie C., Santa Ana, Calif. Ear protector. 2,118,273; May 24.
- Smith, Newell R., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Mount for electron discharge devices. 2,113,005; Apr. 5.
- Smith, Newell R., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Electrode mount. 2,115,934; May 3.
- Smith, Norman B., Providence, R. I. Shoe construction. 2,112,052; Mar. 22.
- Smith, Norman B., Providence, R. I. Garment hanger. 2,123,973; July 19.
- Smith, Oakley, Chicago, Ill. Apparatus for correlating dietary and digestive data. 2,104,334; Jan. 4.
- Smith, Omar H., West Englewood, N. J., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Making tough styrol polymers and product. 2,135,264; Nov. 1.
- Smith, Orva N., Berne, Ind. Tilttable chair. 2,120,341; June 14.
- Smith, Orville, Chagrin Falls, Ohio. Unitary bathroom structure. 2,131,124; Sept. 27.
- Smith, Oscar R., Mansfield, Ohio. Bow and arrow construction. 2,125,591; Aug. 2.
- Smith Paper, Inc. (See Packard, Roland A., assignor.)
- Smith, Paul S., Cambridge, N. Y., assignor to Lea Fabrics, Inc., Newark, N. J. Making pile fabrics. 2,116,048; May 3.
- Smith, Percy C., Chicago, Ill. Coin counting machine. 2,140,603; Dec. 20.
- Smith, Percy L. (See Richardson, T. S., and Smith.)
- Smith, Philip A. (See Olin, J. M., and Smith.)
- Smith, Philip N., Melrose, Mass. Electrical means and method of remote control. 2,114,062; Apr. 12.
- Smith, Phillip H., Rainbow Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna accessory. 2,140,174; Dec. 13.
- Smith, Rafael E., Santiago, Chile. Boxing glove. 2,130,200; Sept. 13.
- Smith, Ralph C., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Dispensing apparatus. 2,137,031; Nov. 15.
- Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Vault base. Re. 20,889; Oct. 18.
- Smith, Ralston R., Oakland, Calif., assignor, by mesne assignments, to Service Devices, Inc. Ice shaving machine. Re. 20,952; Dec. 20.
- Smith, Randolph L. (See Halvorson, H. O., and Smith.)
- Smith, Ray M., Evanston, assignor to Union Tank Car Company, Chicago, Ill. Tank closure. 2,113,776; Apr. 12.
- Smith, Reading B., Attleboro, Mass., assignor to Sinclair Refining Company, New York, N. Y. Distillation. 2,122,762; July 5.
- Smith, Reginald, et al. (See Eastin, Rollie R., assignor.)
- Smith, Ricardo M., and J. G. Gogal, Passaic, N. J. Automatic fabric picker-off and feeding machine. 2,126,147; Aug. 9.
- Smith, Richard A. (See Niederl, J. B., and Smith.)
- Smith, Richard E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Double-walled box. 2,130,602; Sept. 20.
- Smith, Robert Ajo, assignor to R. S. Davis, Woodward, Ariz. Mineral concentrator. 2,129,244; Sept. 6.
- Smith, Robert H., Jr., San Mateo, Calif. Dispensing machine. 2,120,193; June 7.
- Smith, Robert L. H., Mottingham, London, England. Testing of lubrication and wear. 2,108,948; Feb. 22.
- Smith, Robert S., et al. (See White, Frank M., assignor.)
- Smith, Rogers M., Merchantville, N. J., assignor to Radio Corporation of America. Noise control system. 2,105,558; Jan. 18.
- Smith, Rogers M., Merchantville, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,141,229; Dec. 27.
- Smith, Rolf M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,106,685; Jan. 25.
- Smith, Rolf M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,124,239; July 19.
- Smith, Roy R., Columbus, Ohio. Ice cube machine. 2,113,631; Apr. 12.
- Smith, Russell H., Quanah, Tex. Furrow obstructing device. 2,117,685; May 17.
- Smith, Russell H., Quanah, Tex. Furrow damming implement. 2,130,970; Sept. 20.
- Smith, Russell T., Richmond, assignor to Climax Machinery Company, Indianapolis, Ind. Method and apparatus for conditioning air. 2,116,480; May 3.
- Smith, S. Morgan, Company. (See Bischoff, Robert, assignor.)
- Smith, S. Morgan, Company. (See Brisbane, Eugene C., assignor.)
- Smith, S. Morgan, Company. (See Brisbane, E. C., and Bischoff, assignors.)
- Smith, S. Morgan, Company. (See Jessop, George A., assignor.)
- Smith, S. Morgan, Company. (See Norbom, Torleif, assignor.)
- Smith, S. Morgan, Company. (See Smith, Arthur G., assignor.)
- Smith, S. Morgan, Company. (See Smyser, Harry E., assignor.)
- Smith, S. Morgan, Company. (See Whisler, Grant C., assignor.)
- Smith, S., & Sons (Motor Accessories) Limited. (See Spencer, Joe, assignor.)
- Smith, Senora C., Hamburg, Pa. Window shade. 2,131,646; Sept. 27.
- Smith Separator Corporation. (See McKeever, Roy S., assignor.)
- Smith, Sidney B., and F. M. Wright, Chelmsford, England, assignors to Radio Corporation of America. Coupling device. 2,115,791; May 3.
- Smith, Sidney R., Liverpool, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Electric switch. 2,107,651; Feb. 8.
- Smith, Sidney R., Lenox, Mass., assignor to General Electric Company. Electric fuse device. 2,115,592; Apr. 26.
- Smith, Skardon T., Detroit, Mich. Gun sight mount. 2,117,634; May 17.
- Smith, Stanley H. (See Wilkoff, L. C., and Smith.)
- Smith, Swan, White Bear, assignor of one-half to D. C. Shepard, St. Paul, and one-half to A. R. Metzger, White Bear Lake, Minn. Laminated container. Re. 20,716; May 3.
- Smith, Swan, White Bear, assignor to D. C. Shepard, St. Paul, Minn. Container. 2,129,793; Sept. 13.
- Smith, Sydney, assignor to Wellman Seaver Rolling Mill Company Limited, London, England. Manufacture of metal tubes and tubular articles. 2,140,434; Dec. 13.
- Smith, Sydney E. (See Hagle, Lydia A., assignor.)
- Smith, Sydney S., St. Louis, Mo., assignor, by mesne assignments, to F. L. Kallam, Los Angeles, Calif. Device for recording vapor pressure. 2,126,052; Aug. 9.
- Smith, Theodore L., Concord, and N. Testi, assignors to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,109,554; Mar. 1.
- Smith, Thomas B., Pinewood, S. C. Soot trap. 2,140,973; Dec. 20.
- Smith, Thomas F. (See Morse, L. H., and Smith.)
- Smith, Thomas H., Oklahoma City, Okla. Adjustable skirt form. 2,114,433; Apr. 19.
- Smith, Thomas N., San Antonio, Tex. Well testing device. 2,128,716; Aug. 30.
- Smith, Victor J. (See Powell, Robert, assignor.)
- Smith, Victor W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,114,128; Apr. 12.
- Smith, Vincent R. (See Smith, Edward J., and V. R.)
- Smith, W. R. (See Faulkner, Michael, assignor.)
- Smith, Walter E. (See Smith, Benjamin F. and W. E., and Broyles.)
- Smith, Walter G. L., Los Angeles, Calif. Replaceable molded rubber mat. 2,122,240; June 28.
- Smith, Walter G. L., Los Angeles, Calif. Brake block construction. 2,125,524; Aug. 2.
- Smith, Ward L., Bedford, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Circuit control device. 2,112,716; Mar. 29.
- Smith Welding Equipment Corporation. (See Andrus, N. L., and Ganyaw, assignors.)
- Smith Welding Equipment Corporation. (See Smith, Elmer H., assignor.)
- Smith, Wesley L., Cranford, N. J. Gear device. 2,112,253; Mar. 29.
- Smith, Wesley L., Cranford, assignor to Eclipse Aviation Corporation, East Orange, N. J. Gyroscope. 2,133,489; Oct. 18.
- Smith, Wesley L., Cranford, assignor to Eclipse Aviation Corporation, East Orange, N. J. Gyrocompass. 2,134,932; Nov. 1.
- Smith, Willa E., San Diego, Calif. Shoulder strap supporter. 2,121,513; June 21.
- Smith, William A. (See Adams, Simpson J., and Smith.)
- Smith, William A., Lyndonville, N. Y. Making fruit products. 2,135,629; Nov. 8.
- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Guard for rock drills. 2,105,777; Jan. 18.



- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotation mechanism. 2,109,979; Mar. 1.
- Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device. 2,134,420; Oct. 25.
- Smith, William A., Jr., assignor to The Buckeye Portable Tool Company, Dayton, Ohio. Portable power operated tool. 2,126,673; Aug. 9.
- Smith, William E. (See Bloomfield, A. E., and Smith.)
- Smith, William H., Rochester, N. Y. Paper fastener. 2,123,974; July 19.
- Smith, William J., et al. (See Hayes, Ralph S., assignor.)
- Smith, William J., Delaware City, Del. Combined acceleration and brake control means. 2,119,299; May 31.
- Smith, William, J. C. Hall, London, and J. B. Barton, Surrey, England. Motion picture claw feed apparatus. 2,121,933; June 28.
- Smith, William L. (See Lawson, R. H., Green, and Smith.)
- Smith, William L., Jr. (See Lawson, R. H., and Smith.)
- Smith, William L., Jr. (See Lawson, R. H., Smith, and Cagné.)
- Smith, William M. (See Parks, P. B., and Smith.)
- Smith, William R., Portland, Oreg., assignor to American Can Company, New York, N. Y. Measuring and packaging press articles and press attachment used therein. 2,119,561; June 7.
- Smith, William S., Battle Creek, Mich. Bituminous binder material and producing the same. 2,126,419; Aug. 9.
- Smithe, F. L., Machine Co. (See Overly, Elmer G., assignor.)
- Smithe, F. L., Machine Co. Inc. (See Novick, Abraham, assignor.)
- Smith's, John E., Sons Company. (See Van Hooydonk, Adrian C., assignor.)
- Smithson, Willard W., Norfolk, Va. Attachment for drinking vessels. 2,116,418; May 3.
- Smittmans, John A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Gang slitting shear. 2,110,776; Mar. 8.
- Smittmans, John A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Crop and deflecting apparatus. 2,120,313; June 14.
- Smittmans, John A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Apparatus for rolling strip. 2,123,291; July 12.
- Smits, Wytze B., Kassel-Wilhelmshohe, Germany. Electric ignition system and sparking plug for internal combustion engines. 2,125,035; July 26.
- Smola, Joseph, Omaha, Nebr. Vault lowering device. 2,117,518; May 17.
- Smoot, Charles H., deceased, by K. Smoot, Maplewood, N. J., assignee. Remote indicator or regulator. Re. 20,695; Apr. 12.
- Smoot Engineering Corporation. (See O'Connor, George K., assignor.)
- Smoot, Hommie L. G., Whitfield, Miss. Fishing rod holder. 2,127,790; Aug. 23.
- Smoot, Katherine. (See Smoot, Charles H., assignor.)
- Smoot, Theophilus H., assignor to Anchor Post Fence Company, Baltimore, Md. Oil burner. 2,107,452; Feb. 8.
- Smooth Engineering Corporation. (See O'Connor, George K., assignor.)
- Smrekar, John, Sr., Millston, Wis. Cattle feed trough. 2,122,591; July 5.
- Smulski, Theodore J., Knox, Ind. Kitchen utensil. 2,133,724; Oct. 18.
- Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Making bimetallic elements. 2,137,309; Nov. 22.
- Smyser, Harry E., assignor to S. Morgan Smith Company, York, Pa. Movable dam structure. 2,118,118; May 24.
- Smyser, Harry E., assignor to S. Morgan Smith Company, York, Pa. Rotatable water gate. 2,125,090; July 26.
- Smyser, Katherine O. (See Smyser, Selden F., and K. O.)
- Smyser, Selden F., and K. O. Ellensburg, Wash. Space-time clock. 2,128,970; Sept. 6.
- Smysor, Freda M., near Cozaddale, Ohio. Hair waving device. 2,110,476; Mar. 8.
- Smyth Manufacturing Company, The. (See Schramm, Carl, assignor.)
- Smyth, Paul H., Jr., Evanston, Ill. Selective phonographic playing machine. Re. 20,818; Aug. 2.
- Smyth, Paul H., Jr., Chicago, Ill. Phonograph apparatus. 2,119,251; May 31.
- Smythe, George J., near Dayton, Ohio. Race game apparatus. 2,124,456; July 19.
- Smythe, Richard G., New York, N. Y. Container opener. 2,115,289; Apr. 26.
- Smythe, Robert L. (See Steinnmayer, A. G., and Smythe.)
- Snader, Howard B., Temple, assignor to Vanity Silk Mills, Reading, Pa. Panties with shape-retaining cuffs. 2,127,541; Aug. 23.
- Snader, Ira J., and C. A. Birkebak, Detroit, Mich., assignors to Ex-Cell-O Corporation. Diamond turning machine for forming pistons of elliptical shape. 2,121,934; June 28.
- Snap On Tools, Inc. (See Gagne, Glendon R., assignor.)
- Snap On Tools, Inc. (See Gagné, G. R., and Spraker, assignors.)
- Snap On Tools, Inc. (See Shaffer, Robert W., assignor.)
- Snavey, Clarence S., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote controlling apparatus. 2,117,580; May 17.
- Snavey, Clarence S., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,140,604; Dec. 20.
- Snead & Company. (See Macdonald, Angus S., assignor.)
- Snead, Sam., assignor to The Otofex Corporation, Milwaukee, Wis. Audio oscillator. 2,119,971; June 7.
- Sneddon, John, McKeesport, Pa., assignor to National Tube Company. Control device. 2,113,817; Apr. 12.
- Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Alarm apparatus for temperature control. 2,119,605; June 7.
- Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Chart clamp. 2,128,541; Aug. 30.
- Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Recording thermometer. 2,131,573; Sept. 27.
- Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Summer and winter temperature control. 2,135,294; Nov. 1.
- Sneed, Henry L., Waco, Tex. Burner ignition apparatus. 2,133,215; Oct. 11.
- Sneed, John, Grosse Pointe Shores, Mich. Clutch. 2,122,218; June 28.
- Sneed, Marion A. (See Bennett, R. A., and Sneed.)
- Snell, Alfred G., Sutton Coldfield, assignor to H. E. Ashdown (Birmingham) Limited, Liverpool, England. Frame of molded material for automobile bodies. 2,136,027; Nov. 8.
- Snell, Foster D., Inc. (See Hosking, H. J., assignor, and Bradie.)
- Snell, Owens C., Houston, Tex. Blow-out preventer. 2,139,526; Dec. 6.
- Snell, Owens C., assignor of forty percent to R. R. Ratliff, Houston, Tex. Blow-out preventer. 2,139,525; Dec. 6.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Seat post mounting. 2,130,252; Sept. 13.
- Snell, Samuel A., Toledo, Ohio, assignor, by mesne assignments, to The Logan Gear Company. Mechanism control. 2,139,863; Dec. 13.
- Snelling, Henry H., et al. (See Read, David Y., assignor.)
- Snelling, Nicholas, Jackson Heights, Long Island, N. Y. Basket display. 2,138,360; Nov. 29.
- Snelling, Nicholas, Jackson Heights, Long Island, N. Y. Marking and display device. 2,138,361; Nov. 29.
- Snelling, Nicholas, Evansville, Ind., assignor to National Process Co. Inc., New York, N. Y. Device for supporting and displaying merchandise. 2,116,647; May 10.
- Snelling, Walter O., Allentown, Pa. Sealing expansion joints. 2,104,059; Jan. 4.
- Snelling, Walter O., Allentown, Pa. Preparation of soy sauce. 2,107,133; Feb. 1.
- Snelling, Walter O., Allentown, Pa. Leakage-indicating pavement joint. 2,133,059; Oct. 11.
- Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company. Detonating fuse. 2,113,004; Apr. 5.
- Snippen, Harlow I., Seattle, Wash. Ball throwing device. 2,112,611; Mar. 29.
- Snodgrass, Benjamin W., Denver, Colo. Impact element actuating means. 2,126,828; Aug. 16.
- Snodgrass, Benjamin W., Denver, Colo. Mechanical hammer. 2,126,829; Aug. 16.
- Snodgrass, Robert D. (See Auten, C. I., Snodgrass, and Schulz.)
- Snouffer, Harry O. (See Kotchaver, I. E., and Snouffer.)
- Snow, Adolph J., Evanston, assignor to Sears, Roebuck and Co., Chicago, Ill. Radio receiver. 2,108,729; Feb. 15.
- Snow, Carl W. (See Heller, G. L., and Snow.)
- Snow, Early L., and E. L. Barkley, Jr., Winston-Salem, N. C. Hogshead and using same. 2,127,435; Aug. 16.
- Snow, Ernest M., Greenville, S. C. Machine for churning, beating, or mixing materials. 2,137,547; Nov. 22.
- Snow, Frank, Brooklyn, N. Y. Meter tester. 2,110,562; Dec. 20.
- Snow, Frank P., assignor to Snow Manufacturing Co., Los Angeles, Calif. Water gate. 2,128,542; Aug. 30.
- Snow, Harold A., Mountain Lakes, assignor to Bounton Radio Corporation, Bounton, N. J. Method and apparatus for electrical measurements. 2,137,787; Nov. 22.
- Snow, Harold R., Hammond, assignor to Standard Oil Company, Whiting, Ind. Decomposition of hydrocarbon oils. 2,128,502; Aug. 30.
- Snow, Herbert C., et al. (See Dooley, Delmar D., assignor.)
- Snow, Herbert C., assignor to Auburn Automobile Company, Auburn, Ind. Headlight structure. 2,119,892; June 7.
- Snow Manufacturing Co. (See Snow, Frank P., assignor.)
- Snow, Norman L., New Canaan, Conn., W. P. Thomas, Highland Park, H. E. Brelsford, Birmingham, C. L. Howse, and F. Howers, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Seat blower. 2,110,532; Mar. 8.



- Snow, Norman L., New Canaan, Conn., W. P. Thomas, Highland Park, H. E. Brelsford, Birmingham, C. L. Howse, and F. Bowers, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,110,533; Mar. 8.
- Snow, Norman L., New Canaan, Conn., W. P. Thomas, Highland Park, H. E. Brelsford, Birmingham, C. L. Howse, and F. Bowers, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,110,534; Mar. 8.
- Snow, Norman L., New Canaan, Conn., W. P. Thomas, Highland Park, H. E. Brelsford, Birmingham, C. L. Howse, and F. Bowers, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,110,535; Mar. 8.
- Snow & Petrelli Mfg. Co., The. (See Nabstedt, Arthur T., assignor.)
- Snow, Robert D. (See Frey, F. E., Fitch, and Snow.)
- Snow, Robert D. (See Frey, F. E., and Snow.)
- Snow, Robert D., assignor to Phillips Petroleum Company, Bartlesville, Okla. Producing beta olefins. 2,128,971; Sept. 6.
- Snow, Robert D., assignor to Phillips Petroleum Company, Bartlesville, Okla. Producing polymeric compounds. 2,136,028; Nov. 8.
- Snow, Robert D., and H. J. Hepp, assignors to Phillips Petroleum Company, Bartlesville, Okla. Insulating and sound proofing material and producing same. 2,105,511; Jan. 18.
- Snow, William B., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing system. 2,137,032; Nov. 15.
- Snow, William B., Maplewood, and J. C. Steinberg, Lake Mohawk, Sparta, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing system. 2,126,929; Aug. 16.
- Snowden, Byron S., Albany, assignor to General Ice Cream Corporation, Schnectady, N. Y. Refrigeration truck body of the walk-in type. 2,125,205; July 26.
- Snowdon, Arthur B., Hillsdale, N. J., and H. R. Bodell, Ossining, N. Y., assignors to Celanese Corporation of America. Composite fabric and making same. 2,126,830; Aug. 16.
- Snow Removal Equipment Company. (See Pruss, Hugo E., assignor.)
- Snuggle Rug Company. (See Stephenson, Verne L., assignor.)
- Snyder, Almond H., Lancaster, N. Y., assignor to National Battery Company, St. Paul, Minn. Vent plug. 2,132,224; Oct. 4.
- Snyder, Arthur N., Jackson Heights, Long Island, N. Y. Applicator. 2,131,077; Sept. 27.
- Snyder, Auden D., assignor of one-third to W. J. Wes-seler, Cleveland, Ohio. Rotary valve and internal combustion engine construction. 2,127,436; Aug. 16.
- Snyder, Benjamin L., Philadelphia, Pa. Grille guard for automobiles. 2,117,519; May 17.
- Snyder & Black Incorporated. (See Johnson, Homer H., assignor.)
- Snyder, Donald A., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Hexagonal carton. 2,123,147; July 5.
- Snyder, Earl D., Albany, Ill. Adjustable nonslip. 2,130,971; Sept. 20.
- Snyder, Ed., Westbrook, Minn. Castration device. 2,125,404; Aug. 2.
- Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,107,016; Feb. 1.
- Snyder, Fred E., assignor to Gardner Wire Co., Chicago, Ill. Door spring. 2,110,146; Mar. 8.
- Snyder, Frederick D., East Milton, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,106,858; Feb. 1.
- Snyder, George A., West Hollywood, Calif. Blood pressure testing apparatus. 2,118,329; May 24.
- Snyder, Herald T., assignor of one-half to H. H. Judson, Seattle, Wash. Paper milk bottle. 2,135,855; Nov. 8.
- Snyder, James E., Lynbrook, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Hollow article. 2,112,717; Mar. 29.
- Snyder, Kirby T., Los Angeles, Calif. Fastener. 2,108,831; Feb. 22.
- Snyder, Leonard L., Southgate, Calif., assignor to Elliott Core Drilling Company. Valve head structure for core barrels. 2,108,949; Feb. 22.
- Snyder, Le Roy J. (See Reed, Forrest C., assignor.)
- Snyder, Robert E., Pasadena, Calif. Changeable color spotlight. 2,104,911; Jan. 11.
- Snyder, Robert W. (See Gordon, J. T., and Snyder.)
- Snyder, Ward H., Miami, Fla., assignor of one-third to F. F. Farkas, and one-third to E. N. Farkas, Chicago, Ill. Mechanism for dividing and coalescing images. 2,126,930; Aug. 16.
- Snyder, William B., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,133,154; Oct. 11.
- Snyder, William J., Brookline, assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Chassis mounting for radio receivers and the like. 2,115,653; Apr. 26.
- Soabar Company. (See Henry, George W., Jr., assignor.)
- Soapitor Company. (See Kaplan, George B., assignor.)
- Sobel, Albert E. (See Kramer, B., Natelson, and Sobel.)
- Sobotka, Phillip S., assignor to Polan Katz & Company, Baltimore, Md. Interchangeable umbrella handle. 2,117,373; May 17.
- Sochor, Zdeněk, Dvur Kralove N. I., Czechoslovakia. Apparatus for cooling or heating and mixing. 2,111,010; Mar. 15.
- Società An. Finanziaria Fiammiferi ed Affini. (See Bravi, Eugenio, assignor.)
- Società Anonima Brevetti Zarlatti. (See Neumann, Luigi, assignor.)
- Società Anonima Minerva. (See Campolunghi, Giovanni, assignor.)
- "Società Ingranaggi Mammano". (See Mammano, Benedetto, assignor.)
- Società Italiana Pirelli. (See Allavena, Riccardo, assignor.)
- Società Italiana Pirelli. (See Emanuelli, Luigi, assignor.)
- Società Italiana Pirelli. (See Pestalozza, Ugo, assignor.)
- Società Italiana Pirelli. (See Puritz, Mario, assignor.)
- Società Italiana Pirelli. (See Venosta, Giuseppe, assignor.)
- Société Alsacienne de Constructions Mécaniques. (See Heilmann, Josué, assignor.)
- Société Als in Basle. (See Picard, R., and Fays, assignors.)
- Société Anonyme Adolphe Saurer. (See Fleury, Werner, assignor.)
- Société Anonyme Adolphe Saurer. (See Imfeld, Karl, assignor.)
- Société Anonyme Adolphe Saurer. (See Wiget, Georg, assignor.)
- Société Anonyme Air Equipment. (See Waseige, Charles R., assignor.)
- Société Anonyme Anciens Etablissements Hotchkiss & Cie. (See Sutter, C., and Bousset, assignor.)
- Société Anonyme André Citroën. (See Wisner, René, assignor.)
- Société Anonyme Bernard & Cie. (See Tachat, Jeanne, assignor.)
- Société Anonyme de Constructions Aéronautiques (S. A. G. A.). (See Gourdou, Charles E. P., assignor.)
- Société Anonyme des Anciens Etablissements L. Chambon. (See Chambon, Henri, assignor.)
- Société Anonyme des Appareils G. A. L. (See Lachasse, Louis M., assignor.)
- Société Anonyme des Ateliers d'Aviation Louis Bréguet. (See Bréguet, Louis, assignor.)
- Société Anonyme des Ateliers de Sécheron. (See Mey-farth, Gottlieb, assignor.)
- Société Anonyme des Hauts Fourneaux & Fonderies de Pont-a-Mousson. (See Boissou, Pierre, assignor.)
- Société Anonyme des Hauts Fourneaux et Fonderies de Pont-a-Mousson. (See Boucher, Jacques, assignor.)
- Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Boudin, L., and Poeymirou, assignors.)
- Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Cousteix, Blaise, assignor.)
- Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Delpech, G., and Lambert, assignors.)
- Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Desbordes, L., and Bertrand, assignors.)
- Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See George, H., and Delpech, assignors.)
- Société Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Long, Bernard, assignor.)
- Société Anonyme des Matières Colorantes & Produits Chimiques. (See Claudin, Jean, assignor.)
- Société Anonyme des Matières Colorantes & Produits Chimiques de Saint-Denis. (See Wahl, A., and Paillard, assignors.)
- Société Anonyme d'Etudes des Brevets et Procédés Coanda-Société Coanda. (See Coanda, Henri, assignor.)
- Société Anonyme d'Etudes et de Constructions d'Appareils Mécaniques pour la Verrerie. (See Roirant, Emile, assignor.)
- Société Anonyme Etablissements Betts et Blanchard. (See Blanchard, André, assignor.)
- Société Anonyme: Etablissements Ed. Jaeger. (See Reutter, Jean-Léon, assignor.)
- Société Anonyme: Etablissements Ed. Jaeger. (See Rodanet, Charles H. H., assignor.)
- Société Anonyme: Etablissements Lambiotte Frères. (See Coutor, Charles, assignor.)
- Société Anonyme: Forge et Usinage de Métaux Légers (Hélices Métalliques Chauvière). (See Chauvière, Lucien E., assignor.)
- Société Anonyme: Fours et Appareils Stein. (See Ridet, Henri A., assignor.)
- Société Anonyme Français du Ferodo. (See Bertrand, Lucien, assignor.)
- Société Anonyme Holbrever. (See Brossé, Pierre, assignor.)
- Société Anonyme Internationale de Télégraphie sans Fils. (See Marique, Jean, assignor.)
- Société Anonyme Le Carbone. (See Oppenheim, René, assignor.)



- Société Anonyme pour les Applications de l'Electricité et des Gaz Rares Etablissements Claud-Paz & Silva. (See Claude, André, assignor.)
- Société Anonyme pour les Applications de l'Electricité et des Gaz Rares Etablissements Claude-Paz & Silva. (See Claude, André, N., assignor.)
- Société Anonyme: Société des Freins Hydrauliques S. de Lavaud. (See Brisson, Louis C., assignor.)
- Société Anonyme Société des Freins Hydrauliques S. de Lavaud. (See Brisson, L. C., and Marmignon, assignors.)
- Société Anonyme: Société Française de Métrographie. (See Levy, M. A. E., and Loth, assignors.)
- Société Anonyme: Société Marbrière de Paris. (See Brendel, Georges F., assignor.)
- Société Anonyme Solex. (See Mennesson, André L., assignor.)
- Société Anonyme Solex. (See Mennesson, Marcel, assignor.)
- "Société Anonyme Solex." (See Mennesson, Marcel L., assignor.)
- Société Anonyme Stella-Lux. (See Coustal, René A., assignor.)
- Société Anonyme "Transformateurs de Mesure E. Walter". (See Bajon, Adolphe, assignor.)
- Société à Responsabilité Limitée "La Filière Unicum". (See Perruca, Felix, assignor.)
- Société Auxiliaire pour le Développement d'Industries Mécaniques S. A. D. I. M. (See Seignol, E. F. C., and Monier, assignors.)
- Société Bronzavia. (See Méjean, Jacques G., assignor.)
- Société Carbochimique. Société Anonyme. (See Ferrero, P., Vandendries, and Berbé, assignors.)
- Société Centrale de Chemins de Fer & d'Entreprises. (See Verney, Louis A., assignor.)
- Société Ch. Philippe & Cie. (See Philippe, Eugène, assignor.)
- Société d'Electrochimie d'Electrometallurgie et des Aciéries Electriques d'Ugine. (See Perrin, René, assignor.)
- Société de Prospection Electrique. Procédes Schlumberger. (See Schlumberger, Conrad, assignor.)
- Société de Prospection Electrique, Procédes Schlumberger. (See Schlumberger, Marcel, assignor.)
- Société de Recherches et de Perfectionnements Industriels. (See Léauté, Pierre M. A., assignor.)
- Société des Freins Hydrauliques S. De Lavaud. (See Brisson, Louis C., assignor.)
- Société des Usines Chimiques Rhone-Poulenc. (See Belone, Alfred F. S., assignor.)
- Société des Usines Chimiques Rhone-Poulenc. (See Golssedet, P. E. C., and Despols, assignors.)
- Société d'Etudes et de Participations, Eau, Gaz, Electricité, Energie, S. A. (See Pateras Pescara, Raul, assignor.)
- Société d'Etudes Pour l'Aviation. (See Ratié, Pierre P., assignor.)
- Société d'Exploitation des Brevets Charles Reinhold. (See Reinhold, Charles, assignor.)
- Société d'Exploitation des Brevets O. Matter—S. E. B. O. M. (See Matter, Oskar, assignor.)
- Société d'Inventions Aéronautiques et Mécaniques S. I. A. M. (See Levy, René L., assignor.)
- Société dite "Anciens Etablissements L. Chambon." (See Corse, Gaston, assignor.)
- Société dite: Société de Construction du Tracteur Vigneron Georges Vidal, Société Anonyme. (See Cauté, Louis, assignor.)
- Société en nom Collectif: Lebocey Freres, dite Etablissements Lebocey. (See Caverio, Michel, assignor.)
- Société en nom Collectif V. Maynier & G. Pincon. (See Maynier, Victor, assignor.)
- Société Française de Construction de Bennes Automatiques. (See Allard, Pierre J. M. T., assignor.)
- Société Française de la Viscose S. A. (See Lefebvre-Carnot, P., and Vautier, assignors.)
- Société Française de la Viscose, S. A. (See Vautier, L. P. G., and Carnot, assignors.)
- Société Française Radio Electrique. (See Nicolas, Paul, assignor.)
- Société Générale des Carburateurs Zenith. (See Lichtenstein, Johann, assignor.)
- Société Générale Métallurgique de Hoboken. (See Leemans, Joseph P., assignor.)
- Société Genevoise D'Instruments de Physique. (See Turrettini, Fernand, assignor.)
- Société Industrielle des Carburants et Solvants. (See Françon, Jacques, assignor.)
- Société Industrielle des Telephones (Constructions Electriques, Crouchouc, Cables). (See Ravut, C., and Godeau, assignors.)
- Société les Fils de Emile Salmson. (See Barna, Nicholas, assignor.)
- Société Minière et Métallurgique de Penarroya. (See Jollivet, Leon E., assignor.)
- Société Minière et Métallurgique de Penarroya. (See Leferrier, Ferdinand, assignor.)
- Société Nobel Française. (See Belloc, Maurice, assignor.)
- Société Nobel Française. (See Belloc, Maurice H., assignor.)
- Société of Chemical Industry in Basle. (See Widmer, Gustave, assignor.)
- Société Provencale de Constructions Aeronautiques. (See Redon, Henry, assignor.)
- Société Rateau. (See Hermitte, Louis, assignor.)
- Société Van Cleef & Arpels. (See Arpels, Salomon (dit Charles), assignor.)
- "Société Vitos". (See Gostkowski, Bedri H., assignor.)
- Society for Visual Education, Inc. (See Kleerup, Bertel J., assignor.)
- Society of Chemical Industry in Basle. (See Albrecht, O., Bommer, and Grieshaber, assignors.)
- Society of Chemical Industry in Basle. (See Bonhôte, Gérald, assignor.)
- Society of Chemical Industry in Basle. (See Dür, Ernst, assignor.)
- Society of Chemical Industry in Basle. (See Felix, F., and Huber, assignors.)
- Society of Chemical Industry in Basle. (See Felix, F., and Scheidegger, assignors.)
- Society of Chemical Industry in Basle. (See Graenacher, C., and Bruengger, assignors.)
- Society of Chemical Industry in Basle. (See Graenacher, C., Bruengger, and Ackermann, assignors.)
- Society of Chemical Industry in Basle. (See Haller, R., and Graenacher, assignors.)
- Society of Chemical Industry in Basle. (See Hartmann, M., and Esslin, assignors.)
- Society of Chemical Industry in Basle. (See Hartmann, M., and Panizzon, assignors.)
- Society of Chemical Industry in Basle. (See Hauser, H., and Bommer, assignors.)
- Society of Chemical Industry in Basle. (See Johner, H., and Honhôte, assignors.)
- Society of Chemical Industry in Basle. (See Kambli, Eduard, assignor.)
- Society of Chemical Industry in Basle. (See Kern, Walter, assignor.)
- Society of Chemical Industry in Basle. (See Koch, J., and Bommer, assignors.)
- Society of Chemical Industry in Basle. (See Kraus, W., and Fisch, assignors.)
- Society of Chemical Industry in Basle. (See Mayer, B., and Henzi, assignors.)
- Society of Chemical Industry in Basle. (See Miescher, K., and Urech, assignors.)
- Society of Chemical Industry in Basle. (See Miescher, K., Wettstein, and Scholz, assignors.)
- Society of Chemical Industry in Basle. (See Moser, W., and Fioroni, assignors.)
- Society of Chemical Industry in Basle. (See Pool, E. Bonhôte, and Apotheker, assignors.)
- Society of Chemical Industry in Basle. (See Ruzicka, L., and Ehmann, assignors.)
- Society of Chemical Industry in Basle. (See Straub, F., and Mayer, assignors.)
- Society of Chemical Industry in Basle. (See Straub, F., Pieth, and Schneider, assignors.)
- Society of Chemical Industry in Basle. (See Straub, F., and Widmer, assignors.)
- Society of Chemical Industry in Basle. (See Wirz, Adolf, assignor.)
- Society "S. E. B. A. Société Anonyme d'Exploitation de Brevets d'Automobiles", The. (See Andreau, Jean E., assignor.)
- Socony-Vacuum Oil Company. (See Berger, H. G., and Nygaard, assignors.)
- Socony-Vacuum Oil Company. (See Bulkley, Ronald, assignor.)
- Socony-Vacuum Oil Company. (See Deniston, R. F., and Hawthorne, assignors.)
- Socony-Vacuum Oil Company. (See Dunham, George S., assignor.)
- Socony-Vacuum Oil Company. (See Fisher, Gerald M., assignor.)
- Socony-Vacuum Oil Company. (See Foster, William H., assignor.)
- Socony-Vacuum Oil Company. (See Francis, Alfred W., assignor.)
- Socony-Vacuum Oil Company. (See Frevert, R. A., and Hickey, assignors.)
- Socony-Vacuum Oil Company. (See Gunn, Thomas M., assignor.)
- Socony Vacuum Oil Company. (See Krieg, Alfred, assignor.)
- Socony-Vacuum Oil Company. (See Moore, Francis R., assignor.)
- Socony-Vacuum Oil Company. (See Moran, R. C., and Badertscher, assignors.)
- Socony-Vacuum Oil Company. (See Moran, R. C., and Crandall, assignors.)
- Socony-Vacuum Oil Company. (See Moran, R. C., Fuller, and Crandall, assignors.)
- Socony-Vacuum Oil Company. (See Moran, Robert C., assignor.)
- Socony-Vacuum Oil Company. (See Neff, Arthur A., assignor.)
- Socony-Vacuum Oil Company. (See Newton, Howard L., assignor.)
- Socony-Vacuum Oil Company. (See Perry, Bertel T., assignor.)
- Socony-Vacuum Oil Company. (See Pummill, Evert T., assignor.)
- Socony-Vacuum Oil Company. (See Reiff, O. M., and Badertscher, assignors.)
- Socony-Vacuum Oil Company. (See Richardson, T. S., and Smith, assignors.)
- Socony Vacuum Oil Company. (See Schley, T. E., Chenail, and Kehrler, assignors.)



- Socony-Vacuum Oil Company. (See Schott, William P., assignor.)
- Socony-Vacuum Oil Company. (See Sheldon, Howard W., assignor.)
- Socony-Vacuum Oil Company. (See Shipp, V. L., and Boenau, assignors.)
- Socony-Vacuum Oil Company. (See Shipp, V. L., Boenau, and Ramsay, assignors.)
- Socony-Vacuum Oil Company. (See Staber, Ernest H., assignor.)
- Socony-Vacuum Oil Company. (See Story, B. W., and Kalichevsky, assignors.)
- Socony-Vacuum Oil Company. (See Webb, Carroll C., assignor.)
- Socotch, John Y. (See Sorenson, Thoyer, assignor.)
- Soday, Frank J. (See Thomas, C. A., Soday, and Derby.)
- Sodeco Société de Compteurs de Geneve. (See Dietrich, T., and Borel, assignors.)
- Soderberg, Andrew W., Munhall, Pa. Shearing. 2,130,818; Sept. 20.
- Soderberg, Carl R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade lashing. 2,117,107; May 10.
- Soderberg, John L., Omaha, Nebr. Window. 2,106,308; Jan. 25.
- Soderberg, Karl Gustaf, and H. Brown, assignors to Udy-lite Company, Detroit, Mich. Ductile cadmium coating. 2,107,806; Feb. 8.
- Soderholm, Joel, Minneapolis, Minn. Barrier wicket. 2,105,204; Jan. 11.
- Soderstrom, Oscar W., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Machine for shaping the ends of coiled wire springs. 2,123,752; July 12.
- Soehner, John D., Valley Stream, and H. S. Holmes, assignors to Metropolitan Engineering Company, Brooklyn, N. Y. Torque arm and similar structural member. 2,105,132; Jan. 11.
- Soelch, George F. (See Ladewig, A. E., and Soelch.)
- Sofal Limited. (See Burden, W. M., Geners, and Harrison, assignors.)
- Soffel, Robert O., Hastings, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,111,646; Mar. 22.
- Sohn, Frank, Chicago, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Wall facing. 2,132,547; Oct. 11.
- Sohn, Jacob, Joliet, Ill. Mattress tufting machine. 2,117,458; May 17.
- Söhne, H. Krantz. (See Krantz, H., Simons, and Buysch, assignors.)
- Sola Electric Co. (See Sola, Joseph G., assignor.)
- Sola, Joseph G., Oak Park, Ill. Reactance transformer. 2,136,895; Nov. 15.
- Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. Reactor. 2,127,237; Aug. 16.
- Solar Aircraft Company. (See Nickel, Frederick E., assignor.)
- Solar Laboratories. (See Bell, William D., assignor.)
- Solar Laboratories. (See Martin, Raymond G., assignor.)
- Solar Laboratories. (See Secoy, Wilbur M., assignor.)
- Solar Laboratories. (See Smith, John C., assignor.)
- Solar Laboratories. (See Williams, Wilbert S., assignor.)
- Solar Manufacturing Corporation. (See Schnoll, Nathan, assignor.)
- Solberg, Thorvald A., Washington, D. C. System and apparatus for announcing time. 2,138,890; Dec. 6.
- Soldan, Otto, Falkensee, near Berlin, and H. Panzerbieter and B. Jürgensen, Berlin-Siemensstadt, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt, near Berlin, Germany. Telephone transmitter. 2,140,859; Dec. 20.
- Soldatti, Lente, Benld, Ill. Hydraulic window lift. 2,132,325; Oct. 4.
- Solenberger, Dean M., Cleveland, Ohio, assignor to The Simplex Products Corporation. Ring forming machine and method. 2,111,574; Mar. 22.
- Solenberger, Dean M., Cleveland, Ohio, assignor to Simplex Products Corporation. Piston expander. 2,128,717; Aug. 30.
- Söll, Julius, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of fluorohydrocarbons. 2,118,901; May 31.
- Söll, Julius, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of new fluorine compounds. 2,129,289; Sept. 6.
- Sollenberger, Reuel C., South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Self-training idler. 2,132,052; Oct. 4.
- Sollenberger, Reuel C., and L. O. Carroll, South Bend, assignors to Dodge Manufacturing Corporation, Mishawaka, Ind. Self-training idler. 2,132,053; Oct. 4.
- Soller, Arnold. (See Luckey, G. P., and Soller.)
- Soller, Walter, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Balanced electron tube circuits. 2,104,211; Jan. 4.
- Soller, Walter, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Amplifying relay system. 2,129,710; Sept. 13.
- Soller, Walter, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Electron tube amplification system. 2,138,891; Dec. 6.
- Sollima, Mario. (See Roux, B., Gamzon, and Sollima.)
- Sollinger, Henry R., assignor of one-fourth to S. Bielec and one-fourth to C. W. Smith, Hoquiam, and one-half to M. Taylor, Yakima, Wash. Placer mixing machine. 2,114,547; Apr. 19.
- Solomon, Aron, assignor of one-half to B. F. Marton, New York, N. Y. Bottle seal. 2,136,896; Nov. 15.
- Solomon, David I., New York, N. Y. Combined surgical instrument. 2,127,190; Aug. 16.
- Solomon, Guillermo, Santiago, Dominican Republic, West Indies. Clamp. 2,121,576; June 21.
- Solomon, Guillermo, Santiago, Dominican Republic. Control device for radio receiving sets. 2,141,770; Dec. 27.
- Solomon, Herbert J. (See Jolly, C., Archibald, and Solomon.)
- Solomon, Jack, New York, N. Y. Tray. 2,126,353; Aug. 9.
- Solomon, Louis, Brooklyn, N. Y. Lighting fixture. 2,115,290; Apr. 26.
- Solomon, Morris B., New York, N. Y. Serving tray. 2,107,744; Feb. 8.
- Solomon, Morris B., New York, N. Y. Alcohol burner. 2,130,434; Sept. 20.
- Solomon, Nathan L., Brooklyn, N. Y. Ringlet curler. 2,107,348; Feb. 8.
- Solomon, Nathan L., Brooklyn, N. Y. Hair winder. 2,107,349; Feb. 8.
- Solomon, Nathan L., Brooklyn, N. Y. Wave presser. 2,121,058; June 21.
- Solomon, Nathan L., Mount Vernon, N. Y. Comb. 2,139,106; Dec. 6.
- Solomon, Nathan L., Mount Vernon, N. Y. Hair curler. 2,139,844; Dec. 13.
- Solomon, Nathan L., Mount Vernon, N. Y. Barrette. 2,141,368; Dec. 27.
- Solomon, Samuel, New York, N. Y. Brief case or the like. 2,104,935; Jan. 11.
- Solovioff, Nicholas N., et al. (See Sinitzin-White, Nicholas, assignor.)
- Soltan, Alexander, Elmhurst, assignor to P. W. Valentine, Brooklyn, N. Y. Attachment for sewing machines. 2,134,010; Oct. 25.
- Solterbeck, Otto, Neuendorf, near Elmshorn, and J. Kreisinger, Hamburg, Germany. Reversing gear. 2,122,541; July 5.
- Soltész, Gabriel, Chicago, Ill. Stable double mechanical level indicator. 2,113,062; Apr. 5.
- Solvay Process Company, The. (See Bardwell, Dwight C., assignor.)
- Solvay Process Company, The. (See Bardwell, D. C., and Porter, assignors.)
- Solvay Process Company, The. (See Beekhuis, Herman A., Jr., assignor.)
- Solvay Process Company, The. (See Denny, Alfred S., assignor.)
- Solvay Process Company, The. (See DeRewal, Frank J., assignor.)
- Solvay Process Company, The. (See Keene, P. A., and Julien, assignors.)
- Solvay Process Company, The. (See Klingelhofer, William C., assignor.)
- Solvay Process Company, The. (See Kniskern, Walter H., assignor.)
- Solvay Process Company. (See Kniskern, W. H., and Lawrence, assignors.)
- Solvay Process Company, The. (See Law, R. M., and Britton, assignors.)
- Solvay Process Company, The. (See Lawrence, C. K., and Maude, assignors.)
- Solvay Process Company, The. (See Moyer, Wendell W., assignor.)
- Solvay Process Company, The. (See Porter, Frank, assignor.)
- Solvay Process Company, The. (See Rogers, D. A., and Bowen, assignors.)
- Solvay Process Company, The. (See Saddington, A. W., and Julien, assignors.)
- Solvay Process Company, The. (See Weston, Charles F., assignor.)
- Solvent Machine Company, trustee. (See Dinley, Clarence F., assignor.)
- Soman, Lester, assignor to Film Treatizer Corporation, New York, N. Y. Film-treating device. 2,117,828; May 17.
- Somers, Frank J. (See Farnsworth, P. T., and Somers.)
- Somers, Herbert J., Detroit, Mich. Filter. 2,130,107; Sept. 13.
- Somers, Herbert L. (See Coons, Uzal E., assignor.)
- Somers, Richard M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric discharge device. 2,112,718; Mar. 29.
- Somers, Richard M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric discharge device. 2,112,719; Mar. 29.
- Somervell, Howard. (See Crossen, R. W., Jr., and Somervell.)
- Somerville, Ian C. (See Turley, H. G., and Somerville.)
- Somerville, James A. (See Keith, Virgil, assignor.)
- Somes, Howard E., Detroit, Mich. Treating metals or metallic articles. 2,118,480; May 24.
- Somes, Howard E., Detroit, Mich. Oven and system of ventilation therefor. 2,140,337; Dec. 13.



- Sommer, Albert, assignor to the firm "Straba" Strassenbaubedarfs-Aktiengesellschaft, Zurich, Switzerland. Process and apparatus for producing a pulverulent building material. 2,125,860; Aug. 2.
- Sommer, Fritz. (See Hafner, F., and Sommer.)
- Sommer, Fritz, Berlin-Charlottenburg, assignor to the firm: Chemische Fabrik Grunau, Landshoff & Meyer Akt. Ges., Berlin-Grunau, Germany. Pliable and soft paper and manufacture thereof. 2,137,310; Nov. 22.
- Sommer, Julius V. (See Schneider, H. G., and Sommer.)
- Sommer, Robert, Berlin, Germany, assignor of one-half to W. S. Bleistein, New York, N. Y., and one-fourth to Bruno Cossalter, Feltre (Belluno), Italy. Nonskid tire. 2,104,532; Jan. 4.
- Sommerfeld, Ernst. (See Knoll, M., and Sommerfeld.)
- Sommermeier, August, Berlin-Rudow, Germany. Device for the continuous treatment of animal carcasses, slaughterhouse offal, etc. 2,135,203; Nov. 1.
- Sommermeier, Karl H., Evanston, assignor to G-M Laboratories, Inc., Chicago, Ill. Relay system. 2,114,862; Apr. 19.
- Sommermeier, Karl H., Evanston, assignor to G-M Laboratories, Inc., Chicago, Ill. Relay system. 2,114,863; Apr. 19.
- Sommers, Louis G., Jennings, assignor to Lustre Company, St. Louis, Mo. Edge buffing wheel. 2,134,676; Oct. 25.
- Söndagh, Hermanus W. (See Ahrndt, E. A., and Söndagh.)
- Sondera, Clarence W., and C. J. W. Wiegand, assignors to George A. Breon & Company, Inc., Kansas City, Mo. Aluminum hydroxide hydrogel and making it. 2,137,638; Nov. 22.
- Sonkin, Simon, assignor to S. C. Miller, New York, N. Y. Tube sign construction. 2,120,581; June 14.
- Sonkin, Simon, assignor to S. C. Miller, New York, N. Y. Tube sign construction. 2,120,582; June 14.
- Sonne, Edward C. (See Huston, R., and Sonne.)
- Sonneborn, L., Sons, Inc. (See Breth, F. W., and Kinsel, assignors.)
- Sonneborn, L., Sons, Inc. (See Blumer, M., and Salzmann, assignors.)
- Sonneborn, L., Sons, Inc. (See Kessler, G. A., and Blumer, assignors.)
- Sonneborn, L., Sons, Inc. (See Kessler, G. A., and Salzmann, assignors.)
- Sonneborn, L., Sons Inc. (See Libethson, Leo, assignor.)
- Sonneborn, L., Sons, Inc. (See Murphy, Thomas G., assignor.)
- Sonneborn, L., Sons, Inc. (See Tausz, Jenö, assignor.)
- Sonnefeld, August, assignor to the firm Carl Zeiss, Jena, Germany. Photographic objective. 2,141,884; Dec. 27.
- Sonntag, Alfred, Moline, Ill., assignor, by mesne assignments, to American Machine & Metals, Inc., New York, N. Y. Impact testing machine. 2,139,527; Dec. 6.
- Sonora Radio, S. A. (See Riote, Roger, assignor.)
- Sonotone Corporation. (See Pearson, H. A., and Nicholides, assignors.)
- Sonsthagen, Asbjorn, London, England. Roll and bar grinding mill. Re. 20,956; Dec. 27.
- Soo-Hoo, Theodore L. (See Kunze, K. E., and Soo-Hoo.)
- Soper, C. (See Olcott, L. E., Soper, Gasche, and Runals.)
- Soper, James F., Balclutha, New Zealand. Independent front wheel springing system for motor driven vehicles. 2,119,755; June 7.
- Sopinski, Casimir, and F. Vykosky, Cleveland, Ohio. Laundry tray shelf. 2,117,771; May 17.
- Soref, Harry E., and J. K. Marshall, assignors to Master Lock Company, Milwaukee, Wis. Permutation padlock. 2,105,337; Jan. 11.
- Soref, Harry E., and J. K. Marshall, assignors to Master Lock Company, Milwaukee, Wis. Combination padlock. 2,113,864; Apr. 12.
- Soref, Harry E., and J. K. Marshall, assignors to Master Lock Company, Milwaukee, Wis. Permutation lock. 2,127,091; Aug. 16.
- Soreng, Edgar M., Chicago, Ill., and C. Will, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Switch. 2,109,054; Feb. 22.
- Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication systems. 2,111,647; Mar. 22.
- Sorensen, Axel. (See Brandt, H. E., and Sorensen.)
- Sorensen, Carl P., Chicago, Ill. Electric circuit alternator. 2,129,747; Sept. 13.
- Sorensen, Charles E., Detroit, and R. H. McCarroll, assignors to Ford Motor Company, Dearborn, Mich. Apparatus for casting. 2,104,400; Jan. 4.
- Sorensen, Einar, Rumford, Maine, assignor to Oxford Paper Company. Electrolytic cell. 2,104,677; Jan. 4.
- Sorensen, Einar, Rumford, Maine, assignor to Oxford Paper Company. Electrolytic cell. 2,104,678; Jan. 4.
- Sorensen, Einar, Rumford, Maine, assignor to Oxford Paper Company. Operating electrolytic cells. 2,104,679; Jan. 4.
- Sörensen, Einar F., Stockholm, Sweden. Lumber positioning mechanism for edging machines. 2,111,609; Mar. 22.
- Sorensen, Henry P., Detroit, Mich. Reinforcing nut. 2,108,975; Feb. 22.
- Sorensen, Henry P., Detroit, Mich. Nut lock. 2,141,071; Dec. 20.
- Sorensen, Martin A., Lincoln, Nebr. Interchangeable sign. 2,120,418; June 14.
- Sorenson, Albert, Chicago, Ill. Heat distributor. 2,118,988; May 31.
- Sorenson, Thoyer, assignor of one-half to J. Y. Socotch, Cleveland, Ohio. Radio receiving apparatus. 2,117,043; May 10.
- Sorg, Fritz. (See Müller, H., Vogl, and Sorg.)
- Sorg, William A., La Crosse, Wis. Oil burner. 2,138,246; Nov. 29.
- Soriano, Angelo, Brooklyn, N. Y. Skein dyeing apparatus. 2,137,731; Nov. 22.
- Sorrick, Charles H., Jr. (See Klippel, H. B., and Sorrick.)
- Sorsoleil, Raymond C., Seattle, Wash. Apparatus for conditioning and circulating air. 2,126,931; Aug. 16.
- Sortore, Emerson J. (See Wheeler, E. R., and Sortore.)
- Soss, Joseph, Roselle, N. J. Shears. 2,117,224; May 10.
- Soss, Joseph, Roselle, N. J. Hood hinge. 2,120,684; June 14.
- Soss, Joseph, Roselle, N. J. Hinge. 2,121,452; June 21.
- Soss, Joseph, and F. H. Schwartz, Roselle, N. J.; said Schwartz assignor to said Soss. Automatic latch concealed hinge. 2,120,685; June 14.
- Soss, Joseph, and F. H. Schwartz, Roselle, N. J.; said Schwartz assignor to said Soss. Long throw concealed hinge. 2,122,301; June 28.
- Sosson, Charles E., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Delay action detonator and fuse and delay composition for use therein. 2,105,674; Jan. 18.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Method of and apparatus for working glass. 2,113,551; Apr. 5.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for decorating surfaces by stencil method. 2,121,491; June 21.
- Soucek, Ferdinand, Brusau, Czechoslovakia, assignor, by mesne assignments, to Siemens, Incorporated, New York, N. Y. Device for grinding and sharpening razor blades. Re. 20,805; July 19.
- Soular, Fred. (See Bice, L., and Soular.)
- Soule, Edward C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of hydrogen peroxide. Re. 20,769; June 21.
- Soulé, Edward L., Oakland, Calif. Diagonal bracing for metallic structures. 2,126,511; Aug. 9.
- Soule, George M., Cleveland, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Decorative laminated article and making the same. 2,115,433; Apr. 26.
- Soule, Kenneth J., Ridgewood, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Sealing gasket. 2,106,817; Feb. 1.
- Soule, Leslie, et al., trustees. (See Stanton, Avery H., assignor.)
- Soulis, Harold A., Easton, Pa. System and apparatus for handling freight. 2,130,747; Sept. 20.
- Soulis, Harold A., Easton, Pa. Combined highway and rail vehicle axle. 2,140,885; Dec. 20.
- Sousa, Manuel, West Hartford, Conn. Spark plug. 2,121,178; June 21.
- Sousedik, Josef, Moravia, Czechoslovakia. Automatic friction brake. 2,121,889; June 28.
- Sousedik, Josef, Vsetin, Czechoslovakia. Vehicle transmission control. 2,131,527; Sept. 27.
- South Bend Bait Company. (See Howarth, David, assignor.)
- South Bend Current Controller Company. (See Guin, Lester W., assignor.)
- South Bend Lathe Works. (See O'Brien, John J. and M. W., assignors.)
- South Bend Toy Mfg. Co. (See Klarke, Joseph, assignor.)
- Southcott, Leonard C., Kingston on Thames, England, assignor to The Superheater Company, New York, N. Y. Steam superheater. 2,132,658; Oct. 11.
- Southern Cement Company. (See Parker, J. L., and Starns, assignors.)
- Southern Cotton Oil Company, The. (See Royce, Harvey D., assignor.)
- Southern Dairies, Inc. (See Crisman, William P., assignor.)
- Southern Dyestuff Corporation. (See Buchanan, Arthur J., assignor.)
- Southern Kraft Corporation. (See Kondolf, Henry, assignor.)
- Southern Mineral Products Corporation. (See Dunn, Holbert E., assignor.)
- Southern Mining and Milling Company. (See Hoyt, Phillip S., assignor.)
- Southern Phosphate Corporation. (See Hagood, Johnson, assignor.)
- Southern Spring Bed Company. (See Schwab, R. W., Jr., and Roeder, assignors.)
- Southern Steel Company. (See White, Loyd J., assignor.)
- Southern Steel Company. (See Youngblood, David E., assignor.)
- Southern Webbing Mills, Inc. (See Joyce, L. W., and Ross, assignors.)
- Southern Wood Preserving Company. (See Deiters, August M., assignor.)
- Southern Wood Preserving Company. (See Deiters, A. M., and Gilton, assignors.)
- Southern Wood Preserving Company. (See Harvey, Jacquelin B., Jr., assignor.)



- Southern Wood Preserving Company et al. (See Harvey, J. E. Jr., and White, Robert H., Jr., and J. J., assignors.)
- Southgate, George T., Forest Hills, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welded joint and making same. 2,122,994; July 5.
- Southwell, Albert G., and F. L., South Tacoma, Wash. Gooseneck bicycle lock. 2,139,984; Dec. 13.
- Southwell, Frank L. (See Southwell, Albert G. and F. L.)
- Southwell, H. & M., Limited. (See Jameson, Herbert M., assignor.)
- Southwick, Charles R., assignor to United States Gypsum Company, Chicago, Ill. Cutting tool. 2,141,492; Dec. 27.
- Southworth, Edward, Portland, Maine. Round-cornering machine. 2,122,186; June 28.
- Southworth, George C., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Filter system for high frequency electric waves. 2,106,768; Feb. 1.
- Southworth, George C., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Guided transmission of ultra high frequency waves. 2,129,711; Sept. 13.
- Southworth, George C., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Transmission of energy effects by guided electric waves in a dielectric medium. 2,129,712; Sept. 13.
- Southworth, George C., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. High frequency oscillation system and method. 2,129,713; Sept. 13.
- Southworth, George C., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Transmission of guided waves. 2,106,769; Feb. 1.
- Southworth, George C., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Ultrahigh frequency signaling. 2,106,771; Feb. 1.
- Southworth, George C., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Wave type converter for use with dielectric guides. 2,129,714; Sept. 13.
- Southworth, George C., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Wave transmission. 2,141,281; Dec. 27.
- Southworth, George C., and A. P. King, Red Bank, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus and method for receiving electromagnetic wave signals on dielectric guides. 2,106,770; Feb. 1.
- Southworth, George C., Red Bank, N. J., and F. H. Willis, New York, N. Y., assignors to American Telephone and Telegraph Company. Wave transmission. 2,141,282; Dec. 27.
- Souza, John A., San Jose, Calif. Door. 2,126,148; Aug. 9.
- Sovad, Einar L., and A. W. Schueuer, St. Paul, Minn. Powder dispenser. 2,127,092; Aug. 16.
- Soverhill, Harvey A., Chicago, Ill., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Electric heater. 2,109,279; Feb. 22.
- Sorex Limited. (See Knight, A. J., and Cadman, assignors.)
- Sovinec, Louis, Los Angeles, Calif. Drill puller. 2,124,154; July 19.
- Sowa, Frank J. (See Nieuwland, J. A., and Sowa.)
- Sowa, Frank J. (See Root, J. J., and Sowa.)
- Sowder, Seth P., Hardburly, Ky. Shaker screen. 2,134,240; Oct. 25.
- Sowers, Harry L., Arcadia, assignor to Productive Inventions, Inc., Gary, Ind. Window cleaner. 2,109,626; Mar. 1.
- Sowers, Wesley H., Swarthmore, Pa., assignor to The Pure Oil Company, Chicago, Ill. Reducing organic acidity in mineral oils. 2,112,313; Mar. 29.
- Sowle, William C., Jeffersonville, Ind. Fifth wheel mounting for vehicles. 2,127,313; Aug. 16.
- Sowney, George E., assignor of one-half to C. J. Goodwillie, New York, N. Y. Wash tub and board combination. 2,120,157; June 7.
- Sowter, Percy F. C. (See Dickie, W. A., and Sowter.)
- Soy Bean Products Co. (See Moulton, Rollin H., assignor.)
- Soy Bean Products Co. (See Nohe, Irving A., assignor.)
- Soy Bean Products Co. (See Nohe, I. A., and Moulton, assignors.)
- Soybel, Meyer M., Brooklyn, N. Y., assignor to International Folding Paper Box Co., Inc., North Bergen, N. J. Combined display and shipping box. 2,137,420; Nov. 22.
- Soybel, Meyer M., Brooklyn, and T. B. Lamb, Scarsdale, N. Y., assignors to Shoe Lace Company, Portland, Maine. Display device. 2,134,846; Nov. 1.
- Soyer, Robert, Viroflay, France. Flying machine adapted to land on water. 2,131,528; Sept. 27.
- Soysein Process Corporation. (See Rauer, P., and Torrington, assignors.)
- Spaanbroek, Gerrit, Asheville, assignor to American Enka Corporation, Enka, N. C. Reconditioning spinnerets. 2,115,402; Apr. 26.
- Spaanbroek, Gerrit, Asheville, assignor to American Enka Corporation, Enka, N. C. Spinneret polishing machine. 2,115,404; Apr. 26.
- Spacher, George M., Rochester, N. Y. Testing apparatus for internal combustion engines. 2,112,570; Mar. 29.
- Spaeth, Charles, Cleveland, Ohio. Float gauge. 2,120,719; June 14.
- Spaeth, Phil D., et al. (See Bezzenberger, Frederick K., assignor.)
- Spaeth, Phil D., et al. (See Decker, George, assignor.)
- Spafford, Allen L., assignor to Wood Conversion Company, Cloquet, Minn. Corrugated structure. 2,104,060; Jan. 4.
- Spafford, Allen L., assignor to Wood Conversion Company, Cloquet, Minn. Corrugated structure. 2,139,138; Dec. 6.
- Spaght, Edward. (See Greensfelder, B. S., Spaght, and Britten.)
- Spaght, Monroe E., Martinez, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,110,311; Mar. 8.
- Spahr, Otto, Philadelphia, Pa. Electrical connecting device. 2,104,888; Jan. 11.
- Spaide Shirt Company. (See Allme, Carl T., assignor.)
- Spalding, A. G., & Bros. (See Dickson, John B., assignor.)
- Spalding, A. G., & Bros. (See Hermson, John H., assignor.)
- Spalding, A. G., & Bros. (See Reach, William F., assignor.)
- Spalding, John D., Los Angeles, assignor to The National Supply Company, Torrance, Calif. Rotary machine. 2,130,401; Sept. 20.
- Spalding, Samuel C., Watertown, assignor to The American Brass Company, Waterbury, Conn. Metal mold. 2,132,276; Oct. 4.
- Spandau, Carl G., Fairview, N. J. Advertising device. 2,112,314; Mar. 29.
- Spande, Alton, Mabel, Minn. Cultivator shovel positioning mechanism. 2,109,055; Feb. 22.
- Spandorfer, Joseph J., Norfolk, Va. Book marker. 2,136,326; Nov. 8.
- Spánel, Abraham N., Rochester, N. Y. Article of manufacture. 2,119,300; May 31.
- Spánel, Abraham N., Rochester, N. Y. Form for making rubber articles. 2,119,495; May 31.
- Spánel, Abraham N., Rochester, N. Y. Apparatus for making latex articles. 2,119,496; May 31.
- Spánel, Abraham N., Rochester, N. Y. Latex article. 2,119,497; May 31.
- Spánel, Abraham N., Rochester, N. Y. Rubber article. 2,119,498; May 31.
- Spánel, Abraham N., Rochester, N. Y. Making sheet latex articles. 2,120,720; June 14.
- Spánel, Abraham N., Rochester, N. Y. Method of and apparatus for making rubber thread. 2,120,721; June 14.
- Spánel, Abraham N., Rochester, N. Y. Form for making rubber articles. 2,125,592; Aug. 2.
- Spánel, Abraham N., Rochester, N. Y. Method and apparatus for washing garments. 2,133,584; Oct. 18.
- Spánel, Abraham N., Dover, Del. Form for making latex articles. 2,119,499; May 31.
- Spang, Ferdinand J., Butler, Pa. Hook wall packer. 2,106,859; Feb. 1.
- Spang, Ferdinand J., Butler, Pa. Packer. 2,136,597; Nov. 15.
- Spang, Ferdinand J., Butler, Pa. Multiple packer. 2,141,419; Dec. 27.
- Spang, Joseph P., Quincy, Mass. Meat-slitting machine. 2,118,119; May 24.
- Spang, Joseph P., Quincy, Mass. Apparatus for aging whiskey. 2,118,120; May 24.
- Spangler, Carroll L., Cincinnati, and W. A. Morris, Wyoming, assignors to The Paper Service Company, Lockland, Ohio. Lined bag and making it. 2,127,012; Aug. 16.
- Spanne, Henning. (See Lundholm, R. O., and Spanne.)
- Spanner, Hans J., Berlin, Germany, and U. Doering, New York, N. Y., assignors, by mesne assignments, to said H. J. Spanner. Lighting device. 2,128,270; Aug. 30.
- Spargo, R. J. (Proprietary), Limited. (See Spargo, Richard J., assignor.)
- Spargo, Richard J., Johannesburg, Union of South Africa, assignor to R. J. Spargo (Proprietary) Limited. Liquid sealed rotating joints. 2,133,487; Oct. 18.
- Sparks, David E., Chicago, Ill. Electrical amplifying system. 2,109,756; Mar. 1.
- Sparks Processes, Inc. (See Sparks, Stanley W., assignor.)
- Sparks, Stanley W., assignor to Sparks Processes, Inc., Norwalk, Conn. Method and apparatus for extruding metal strips. 2,133,874; Oct. 18.
- Sparks, Uvalde, assignor of fifty per cent to W. M. Mitchell, Sparta, Tenn. Furrow opening attachment for corn planters. 2,128,022; Aug. 23.
- Sparks, William, T. J. Scofield, and A. B. Winchell, assignors to The Sparks-Withington Company, Jackson, Mich. Windshield cleaner motor. 2,119,696; June 7.
- Sparks-Withington Company, The. (See Scofield, Theodore J., assignor.)
- Sparks-Withington Company, The. (See Scofield, T. J., and Winchell, assignors.)
- Sparks-Withington Company, The. (See Sparks, W., Scofield, and Winchell, assignors.)
- Sparling, William J., assignor to Chain Belt Company, Milwaukee, Wis. Cast iron alloy and producing the same. 2,119,833; June 7.



- Sparling, William J., assignor to Chain Belt Company, Milwaukee, Wis. Sprocket chain construction. 2,141,771; Dec. 27.
- Sparling, Wyndham E., and R. K. Wilson, assignors to The Alvey-Ferguson Company, Oakley, Cincinnati, Ohio. Overhead traveling conveyor. 2,123,917; July 19.
- Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,138,796; Nov. 29.
- Sparrowhawk, Laurence J., Tampa, Fla. Brake equalizer. 2,113,435; Apr. 5.
- Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Operating mechanism for clutches. 2,117,520; May 17.
- Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch. 2,126,149; Aug. 9.
- Spase, Charles B., Syracuse, N. Y., assignor to Ira Saks, Cleveland, Ohio. Clutch plate. 2,124,013; July 19.
- Spatheff, Roy A., St. Louis, Mo. Hinge. 2,105,705; Jan. 18.
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Axle housing and forming same. 2,124,406; July 19.
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Axle housing and making same. 2,131,237; Sept. 27.
- Spaulding, Charles H., Springfield, Ill. Apparatus for conditioning precipitates and separating same from liquids. 2,127,314; Aug. 16.
- Spaulding-Moss Company. (See Reynolds, Alger P., assignor.)
- Spear, May A., and G. Skluth, Long Island, N. Y.; said Spear assignor to said Skluth. Purse or the like. 2,111,079; Mar. 15.
- Spear & Susskind. (See Morville, Amedeo, assignor.)
- Spearlin, Harold P., assignor to A. Crossley, Chicago, Ill. Automatic volume control system. 2,105,959; Jan. 18.
- Spears, Joseph M., Washington, D. C. Conveyor. 2,129,337; Sept. 6.
- Spears, Joseph M., Washington, D. C. Collapsible asphalt machine. 2,136,869; Nov. 15.
- Speas Mfg. Co. (See Speas, V. E., and Mnookin, assignors.)
- Speas, Stanley M. (See Burdge, R. B., and Speas.)
- Speas, Victor E. (See Mnookin, N. M., and Speas.)
- Speas, Victor E., and N. M. Mnookin, Kansas City, Mo., assignors to Speas Mfg. Co. Making lead arsenate in finely divided form. 2,108,553; Feb. 15.
- Specht, Christian H., Los Angeles, Calif. Reinforcement for glass block structures. 2,124,799; July 26.
- Specht, Harry G., Montclair, assignor, by mesne assignments, to Encor Corporation, Belleville, N. J. Woven wire belt for paper making machines. 2,122,592; July 5.
- Specht, Harry G., Montclair, and N. W. Webb, Belleville, assignors to Eastwood-Nealley Corporation, Belleville, N. J. Suction box conditioner. 2,128,023; Aug. 23.
- Specht, Max, Hamburg, Germany. Conserving roasted coffee. 2,136,154; Nov. 8.
- Specialty Automatic Machine Company. (See Sidebotham, Melvin H., assignor.)
- Special Equipment Company. (See Ewald, Mark, assignor.)
- Specialoid Limited. (See Graham, Eric B., assignor.)
- Specialty Automatic Machine Company. (See Sidebotham, Melvin H., assignor.)
- Specialty Papers Company, The. (See Wilshire, Van Hamm, assignor.)
- Speckhart, Stephen J., Maplewood, and R. Herger, Irvington, N. J. Capsule filling machine. 2,108,906; Feb. 22.
- Specter, Elias, et al. (See Drexler, Samuel, assignor.)
- Speed-O-Print Corporation. (See Kaptuller, Alexander F., assignor.)
- Speed-O-Print Corporation. (See Klemm, William G., assignor.)
- Speedry Gravure Corporation. (See Behringer, Alfred, assignor.)
- Speedry Gravure Corporation. (See Degnan, James, assignor.)
- Speed Systems Corporation. (See Fisher, Ralph, assignor.)
- Speer Carbon Company. (See Bemis, Arthur S., assignor.)
- Speer, Walter, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of anilines. 2,108,147; Feb. 15.
- Speicher, Paul J. (See Brombeck, H. S., and Speicher.)
- Speichert, Paul. (See Gähre, K. R., Schwall, and Speichert.)
- Speldel Corporation. (See Carlson, Edwin G., assignor.)
- Speldel Corporation. (See Fassnacht, Karl, assignor.)
- Speldel, Edwin F. M., Cranston, R. I. Container. 2,112,231; Mar. 29.
- Speijer, Joseph, Amsterdam, Netherlands. Manufacture of artificial sponges. 2,105,380; Jan. 11.
- Spels, Ralph D., Hawthorne, N. J., assignor to Wright Aeronautical Corporation. Pattern construction. 2,132,659; Oct. 11.
- Spellacy, John F., Fairview Village, and T. L. Burrell, Cleveland, Ohio. Slab turning apparatus. 2,120,314; June 14.
- Spellacy, John F., Fairview Village, and T. L. Burrell, Cleveland, Ohio. Slab turning apparatus. 2,120,315; June 14.
- Speller, Frank N., Pittsburgh, Pa., assignor to National Tube Company. Making galvanized ferrous pipe. 2,124,520; July 19.
- Speller, Frank N., Pittsburgh, Pa., assignor to National Tube Company. Coating. 2,132,584; Oct. 11.
- Speller, Frank N., Pittsburgh, Pa., assignor to National Tube Company. Prevention of corrosion fatigue failures. 2,132,586; Oct. 11.
- Spelman, Vincent J., Northport, Long Island, N. Y. Ship's ventilator. 2,130,603; Sept. 20.
- Spelts, George A., Los Angeles, assignor of thirty per cent to L. J. Styskal, and seven per cent to W. F. Arndt, Los Angeles County, Calif. Air cooled piston. 2,115,291; Apr. 26.
- Spelts, George A., Los Angeles, assignor of seven per cent to W. F. Arndt and thirty per cent to L. J. Styskal, Los Angeles County, Calif. Control valve. 2,128,436; Aug. 30.
- Spence, David, Carmel, Calif. Preparation of latex from rubber-producing plants. 2,119,030; May 31.
- Spence, David, Monterey, Calif. Treating latex and product thereof. 2,126,831; Aug. 16.
- Spence, Frank B. (See Hamrick, M. M., and Spence.)
- Spence, John L., Jr., Brooklyn, and J. F. Leventhal, assignors to Akeley Camera, Inc., New York, N. Y. Moving picture camera lens substitution device. 2,120,654; June 14.
- Spence, Le Roy U. (See Andrews, C. E., and Spence.)
- Spence, Le Roy U., Cheltenham, assignor to Röhm & Haas Company, Philadelphia, Pa. Separation of trimethylamine from mixtures of monomethylamine and dimethylamine. 2,119,474; May 31.
- Spence, Paulsen, East Orange, N. J. Valve seat device. 2,117,044; May 10.
- Spence, Thomas E., Madison, Wis. Dust bag for pneumatic cleaners. 2,129,105; Sept. 6.
- Spencer, Alvin, assignor to Whitin Machine Works, Whitinsville, Mass. Brake mechanism for winding reels. 2,135,154; Nov. 1.
- Spencer, Archie M., Columbus, Ga. Automatic fluid pressure controller. 2,132,247; Oct. 4.
- Spencer, Arthur R., Sturgis, Mich. Curtain rod. 2,109,738; Mar. 1.
- Spencer, Douglas A. (See Murray, H. D., and Spencer.)
- Spencer, Frank C., Westerfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Device for attaching members. 2,105,933; Jan. 18.
- Spencer, Frank D., Skelton, W. Va. Combined brace and tie plate. 2,130,972; Sept. 20.
- Spencer, George D., assignor to Joseph Lucas Limited, Birmingham, England. Filling and vent plug for electric storage batteries. 2,123,479; July 12.
- Spencer, George L., Jr., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Recovery of values from zinc concentrates. 2,128,379; Aug. 30.
- Spencer, George L., Jr., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Recovery of values from zinc concentrates. 2,128,380; Aug. 30.
- Spencer, George P., New York, N. Y. Treating coal, coke, and the like. 2,125,753; Aug. 2.
- Spencer, Guy, Heyworth, Ill. Mail carrier. 2,108,453; Feb. 15.
- Spencer, Henry W., Roehampton Lane, London, and L. S. Davis, Bexley Heath, England, assignors to Bigelow-Liptak Corporation, Detroit, Mich. Furnace and the operation thereof for industrial purposes. 2,135,645; Nov. 8.
- Spencer, Herman J., West View, Pa. Stapling mechanism. 2,109,203; Feb. 22.
- Spencer, Howard F. (See Morton, W. A., and Spencer.)
- Spencer, Howard F., Pittsburgh, and W. A. Morton, Mount Lebanon, assignors to Amco, Incorporated, Pittsburgh, Pa. Continuous heating furnace. 2,133,673; Oct. 18.
- Spencer, Joe, Farnborough, assignor to S. Smith & Sons (Motor Accessories) Limited, Cricklewood, London, England. Control apparatus for aircraft. 2,131,324; Oct. 4.
- Spencer, John A., Newtonville, assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Thermostatically controlled device. Re. 20,835; Aug. 23.
- Spencer, John A., Newtonville, assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Tubular cathode for electron discharge devices. 2,123,686; July 12.
- Spencer, John A., Newtonville, Mass. Making food products. 2,135,856; Nov. 8.
- Spencer, John E. J. (See Richards, J. B., and Spencer.)
- Spencer, John I. (See Wolfe, G. F., and Spencer.)
- Spencer Kellogg and Sons, Inc. (See Schwarcman, Alexander, assignor.)
- Spencer, Lee, Flushing, N. Y. Rail anchor. 2,116,955; May 10.
- Spencer Lens Company. (See Ott, Harvey N., assignor.)
- Spencer, Leonard J. (See Twyman, F., and Spencer.)
- Spencer, Lloyd, et al. (See Seaman, R. H., and Schwenden, assignors.)
- Spencer, Lloyd, Alhambra, assignor to Lane-Wells Company, Los Angeles, Calif. Hydraulic pumping jack. 2,139,101; Dec. 6.
- Spencer, Lon C., Indianapolis, Ind. Overhead trolley fixture. 2,114,864; Apr. 19.
- Spencer, Lon C., Indianapolis, Ind. Section insulator for trolley systems. 2,137,067; Nov. 15.



- Spencer, Martin M., Sunland, Calif. Road working machine. 2,114,434; Apr. 19.
- Spencer, Millard C., East Orange, assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J. Burner. 2,117,108; May 10.
- Spencer, Percy L., West Newton, Mass., assignor, by mesne assignments, to Raytheon Production Corporation. Glow lamp. 2,107,399; Feb. 8.
- Spencer, Percy L., West Newton, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electrical gaseous discharge device. 2,124,682; July 26.
- Spencer, Philip L., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Loom shuttle. 2,140,060; Dec. 13.
- Spencer, Philip L., and C. A. Dodge, assignors to Watson-Williams Manufacturing Company, Millbury, Mass. Heddle bar post. 2,140,061; Dec. 13.
- Spencer, Rolf E. (See Bowman-Manifold, M., and Spencer.)
- Spencer, Samuel B., and J. C. Dutton, Runcorn, England, assignors to Imperial Chemical Industries Limited. Degreasing metal strip. 2,127,437; Aug. 16.
- Spencer Trailer Company. (See Davis, Durrel H., assignor.)
- Spencer Turbine Company, The. (See Smith, Lester C., assignor.)
- Spencer, Wesley D., Los Angeles, Calif. Body vibrator. 2,113,865; Apr. 12.
- Spencer, Wilfrid D., Liverpool, and F. T. Walker, London, England, assignors to Imperial Chemical Industries Limited. Noninflammable plastic mass. 2,120,222; June 7.
- Spencer, William M., Trenton, N. J., assignor, by mesne assignments, to Filatex Corporation, New York, N. Y. Making rubber thread or yarn, and machine for making same. 2,116,222; May 3.
- Spender, Donald L. (See Lusher, A. C., and Spender.)
- Spengler, Geo. H., Co. (See Stewart, Ross T., assignor.)
- Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,104,140; Jan. 4.
- Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,138,681; Nov. 29.
- Spensley, William J., assignor to The Adams Company, Dubuque, Iowa. Foundry jacket. 2,124,639; July 26.
- Sperber, Meyer, Philadelphia, assignor of fifty one-hundredths to F. R. Redman, Yardley, Pa. Multiply article and making same. 2,132,907; Oct. 11.
- Spero, Bernard, Chicago, Ill. Lens. 2,133,585; Oct. 18.
- Sperr, Frederick W., Jr., Vineland, N. J., assignor to Röhm & Haas Company, Philadelphia, Pa. Recovery of hydrocyanic acid. 2,140,605; Dec. 20.
- Sperry, Arthur G., Hollis, assignor to Intertype Corporation, Brooklyn, N. Y. Assembling elevator lock. 2,139,645; Dec. 6.
- Sperry, Elmer A., Jr., Brooklyn, and F. H. Shepard, Jr., New Rochelle, assignors to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector for electrical conductors. 2,133,725; Oct. 18.
- Sperry Gyroscope Company. (See Anscott, W., and Carter, assignors.)
- Sperry Gyroscope Company. (See Bates, Mertimer F., assignor.)
- Sperry Gyroscope Company. (See Carlson, Bert G., assignor.)
- Sperry Gyroscope Company. (See Carter, Leslie F., assignor.)
- Sperry Gyroscope Company. (See Carter, L. F., and Anscott, assignors.)
- Sperry Gyroscope Company. (See Cooke, William T., assignor.)
- Sperry Gyroscope Company. (See Gillmor, Reginald E., assignor.)
- Sperry Gyroscope Company. (See Harding, W. G., and Nisbet, assignors.)
- Sperry Gyroscope Company. (See Hodgman, Frederick S., assignor.)
- Sperry Gyroscope Company. (See Hodgman, F. S., and Bird, assignors.)
- Sperry Gyroscope Company. (See House, Frank R., assignor.)
- Sperry Gyroscope Company. (See Kenyon, Theodore W., assignor.)
- Sperry Gyroscope Company. (See Moseley, Francis L., assignor.)
- Sperry Gyroscope Company. (See Moseley, F. L., Cooke, and Frische, assignors.)
- Sperry Gyroscope Company. (See Riggs, Alger S., assignor.)
- Sperry Gyroscope Company. (See Swisher, Leon N., assignor.)
- Sperry Gyroscope Company. (See Watkins, Frederic M., assignor.)
- Sperry Gyroscope Company. (See Wittkuhns, B. A., and Watkins, assignors.)
- Sperry Gyroscope Company. (See Zand, Stephen J., assignor.)
- Sperry Gyroscope Company Inc. (See Nisbet, Robert H., assignor.)
- Sperry, Philmore F., assignor, by mesne assignments, to Excel Auto Radiator Company, Chicago, Ill. Air distributing means. 2,104,279; Jan. 4.
- Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Air distributing means. 2,124,716; July 26.
- Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Heating apparatus. 2,138,259; Nov. 29.
- Sperry Products, Inc. (See De Lanty, Loren J., assignor.)
- Sperry Products, Inc. (See Drain, James A., Jr., assignor.)
- Sperry Products, Inc. (See Drain, J. A., Jr., and Perry, assignors.)
- Sperry Products, Inc. (See Drake, Harcourt C., assignor.)
- Sperry Products, Inc. (See Drake, H. C., and Bigelow, assignors.)
- Sperry Products, Inc. (See Drake, H. C., and De Lanty, assignors.)
- Sperry Products, Inc. (See Jones, G. L., Drake, and Schumacher, assignors.)
- Sperry Products, Inc. (See Perry, Walter M., assignor.)
- Sperry Products, Inc. (See Sperry, E. A., Jr., and Shepard, assignors.)
- Sperry-Sun Well Surveying Company. (See Davis, Harold S., assignor.)
- Sperry-Sun Well Surveying Company. (See Hering, D., and Beattie, assignors.)
- Sperry-Sun Well Surveying Company. (See Hyer, Robert S., assignor.)
- Sperry-Sun Well Surveying Company. (See Kothny, Gottfrank L., assignor.)
- Sperry-Sun Well Surveying Company. (See Nichols, Charles R., assignor.)
- Sperry-Sun Well Surveying Company. (See Winn, William E., assignor.)
- Sperti, George, Covington, Ky. Device for promoting uniform and homogeneous freezing. 2,107,718; Feb. 8.
- Sperti, George, Covington, Ky. Recording and reproducing sound on film. 2,113,184; Apr. 5.
- Sperzel, Peter J., Minneapolis, Minn. Sanitary support for toilet bowls. Re. 20,696; Apr. 12.
- Spicacci, Attilio R., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,118,902; May 31.
- Spicacci, Attilio R., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Locking device for bearings and the like. 2,136,155; Nov. 8.
- Spicer, Clarence W., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Sealed propeller shaft. 2,116,290; May 3.
- Spicer, Clarence W., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Self-protecting clutch and drive mechanism. 2,140,723; Dec. 20.
- Spicer, Gerald E., St. Albans, England. Magnetically controlled advertising, educational, or amusement device. 2,122,116; June 28.
- Spicer, Grover C., Lyndhurst, and O. J. Lange, Fairview, Ohio. Camera shutter. 2,127,705; Aug. 23.
- Spicer, Hobart M. (See Knowlton, C. S., and Spicer.)
- Spicer Manufacturing Corporation. (See Lewis, Robert P., assignor.)
- Spicer Manufacturing Corporation. (See Peterson, Carl D., assignor.)
- Spicer Manufacturing Corporation. (See Spicer, Clarence W., assignor.)
- Spicer, Ralph Roland. (See Bolder, Walter, assignor.)
- Spicer, William E. (See Sweeney, W. J., and Spicer.)
- Spicer, William E., Baton Rouge, La., assignor to Standard Oil Development Company. Preparing catalysts for hydrogen production. 2,137,101; Nov. 15.
- Spicer, William E., Baton Rouge, La., and G. H. B. Davis, New York, assignors to Standard Oil Development Company. Catalyst for hydrogen production from hydrocarbons. 2,135,058; Nov. 1.
- Spiegel, Edward, et al. (See Horowitz, Max, assignor.)
- Spiegel, Maurice L., Minneapolis, Minn. Chemical heater composition. 2,134,455; Oct. 25.
- Spiegel, Yetta, New York, N. Y. Safety device for homes. 2,109,361; Feb. 22.
- Spiegler, Louis. (See Tinker, J. M., Spiegler, and Klein.)
- Spiegl, Ellis H., Salinas, Calif. Produce-handling apparatus. 2,138,285; Nov. 29.
- Spieglvogel, Rudolf J., Chicago, Ill. Punch spout. 2,118,366; May 24.
- Spiering, Charles W. (See Hansen, A. E., and Spiering.)
- Spiers Bedding Corporation. (See Cohn, L. I., and Brinkman, assignors.)
- Spiers, Ernest, and J. C. H. Hurd, assignors to Wildt and Company Limited, Leicester, England. Circular knitting machine of the double axially opposed needle cylinder type. 2,104,626; Jan. 4.
- Spiers, Ernest, and J. C. H. Hurd, assignors to Wildt and Company Limited, Leicester, England. Pattern mechanism for knitting machines. 2,110,823; Mar. 8.
- Spies Brothers, Inc. (See White, J. H., and Fitzer, assignors.)
- Spless, Georg, Leipzig, Germany. Sheet delivery apparatus for folding machines. 2,142,011; Dec. 27.
- Spless, Paul, Zollikon-Zurich, Switzerland. Cooking apparatus. 2,113,996; Apr. 12.
- Splith, Karl A., Kearney, Nebr. Tire deflation indicator. 2,107,912; Feb. 8.
- Spiewak, Ignace J., New York, N. Y. Steel wool holder. 2,124,476; July 19.



- Spikerman, Frank T., Clinton, and E. F. Oyster, Shaker Heights, assignors to S. P. O. Incorporated, Cleveland, Ohio. Molding machine. 2,138,410; Nov. 29.
- Spilhaus, Athelstan F., Cambridge, Mass. Air condition indicator. 2,107,017; Feb. 1.
- Spillman, Albert, North Tonawanda, N. Y. Amusement device. 2,109,555; Mar. 1.
- Spillsbury, Persifor G., Phoenix, Ariz., assignor to Anacoda Wire & Cable Company, New York, N. Y. Icicle melter. 2,111,251; Mar. 15.
- Spilski, Frank, Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispensing carton. 2,115,887; May 3.
- Spina, Joseph A. (See Marsh, W. J., and Spina.)
- Spindell, Isaiah F., Lynn, Mass. Colostomy pouch apparatus. 2,127,834; Aug. 23.
- Spindler, William H., Chillicothe, Ohio. Chokeless drag feed. 2,130,973; Sept. 20.
- Spinner, Isidore. (See Nelson, C. B., and Spinner.)
- Spinosa, Arthur V. (See Redding, E. T., and Spinosa.)
- Spinosa, Arthur V., assignor to Penn Metal Company, Inc., Parkersburg, W. Va. Hollow partition. 2,134,155; Oct. 25.
- Spiral Binding Co. Inc. (See Grumbacher, Walter, assignor.)
- Spiral Locks Limited. (See Bedell, Henry G., assignor.)
- Spire, Irene D., administratrix. (See Spire, William H.)
- Spire, William H., deceased, by I. D. Spire, administratrix, assignor to Thompson Products, Incorporated, Cleveland, Ohio. Adjustable pitman. 2,132,054; Oct. 4.
- Spissell, John J., New York, N. Y. Telephone rest. 2,131,648; Sept. 27.
- Spitaler, Paul, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Castings of aluminium alloys. 2,139,246; Dec. 3.
- Spittle, Henry M., Northwich, England, assignor to Imperial Chemical Industries Limited. Purification of alkali metal hydroxides. 2,132,585; Oct. 11.
- Spitz, Benjamin, assignor to Standard Hat Leather Co. Inc., New York, N. Y. Ornamenting strips of workable material and apparatus therefor. 2,114,435; Apr. 19.
- Spitzglass, Albert F., assignor to Republic Flow Meters Company, Chicago, Ill. Fluid meter. 2,131,486; Sept. 27.
- Spitzglass, Albert F., and G. W. Grisdale, assignors to Republic Flow Meters Company, Chicago, Ill. Gas analyzing apparatus. 2,128,381; Aug. 30.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,106,282; Jan. 25.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,106,283; Jan. 25.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,106,284; Jan. 25.
- Spoerl, Carl A., Philadelphia, Pa. Refrigerator case. 2,116,803; May 10.
- Spofoff, Robert W. (See Gillé, Earl S. and B. D., assignors.)
- Spokes, Ray E., Ann Arbor, Mich., assignor to The American Brake Shoe and Foundry Company. Friction element. 2,114,037; Apr. 12.
- Spokes, Ray E., Ann Arbor, Mich., assignor to The American Brake Shoe and Foundry Company. Friction element. 2,129,794; Sept. 13.
- Sponsel, Kurt. (See Neugebauer, W., Ostwald, and Sponsel.)
- Sponsler, John M., Birmingham, Ala. Ship construction. 2,140,774; Dec. 20.
- Sponsler, William J., Danville, Ill. Combined desk and seat. 2,117,686; May 17.
- Spool Cotton Company, The. (See Lister, A., and Frenning, assignors.)
- Spooner, Charles E., Arkansas City, Kans. Waterproof coating or paint and making same. 2,107,511; Feb. 8.
- Spooner, Henry W., Crestwood, N. Y. Pencil pointer. 2,130,370; Sept. 20.
- Sporn, Philip, Brooklyn, N. Y., R. H. Wolford, Elizabeth, N. J., and W. C. Neim, Tuckahoe, N. Y. Multirate meter. 2,130,201; Sept. 13.
- Sporre, Gustave A. (See Sloan, E. C., and Sporre.)
- Sportsman's Equipment Co. (See Claus, Walter E., assignor.)
- Spotz, Chester A., Laurel, Quebec, assignor to The Chester A. Spotz Syndicate, Ottawa, Ontario, Canada. Drafting or lay-out apparatus. 2,106,070; Jan. 18.
- Spotz, Chester A., Syndicate, The. (See Spotz, Chester A., assignor.)
- Sprague, Goldwin S., deceased; I. D. Sprague, Newton, Mass., executrix. Ski binding. 2,116,985; May 10.
- Sprague, Isabel D., executrix. (See Sprague, Goldwin S.)
- Sprague, Robert C. (See Godsey, F. W., Jr., and Sprague.)
- Sprague, Sidney, Brooklyn, N. Y. Optical illusion device. 2,117,635; May 17.
- Sprague Specialties Company. (See Godsey, Frank W., Jr., assignor.)
- Sprague Specialties Company. (See Godsey, F. W., Jr., and Sprague, assignors.)
- Sprague Specialties Co. (See Robinson, Preston, assignor.)
- Sprague Specialties Company. (See Robinson, P., and Colling, assignors.)
- Spraker, Lon. (See Gagné, G. R., and Spraker.)
- Sprankie, Charles L., Cleveland, Ohio. Windshield wiper tension arm. 2,120,945; June 14.
- Spratley, Arthur L. (See Spratley, Henry C., and A. L.)
- Spratley, Henry C. and A. L., Providence, R. I. Sign. 2,104,280; Jan. 4.
- Spratley, Henry C., Providence, R. I. Sign reflector. 2,118,420; May 24.
- Spratt, George G., Coatesville, Pa. Aircraft. 2,128,060; Aug. 23.
- Spray Engineering Company. (See Thompson, Wayne B., assignor.)
- Sprecker, Alfred L., Freeport, assignor to International Business Machines Corporation, New York, N. Y. Recorder. 2,116,664; May 10.
- Spreen, Charles C., Birmingham, assignor of one-half to L. Siegel, Detroit, Mich. Refrigerator mechanism. 2,111,411; Mar. 15.
- Sprenger, Arthur, Berlin-Halensee, assignor to the firm Chemische Studien-Gesellschaft Uniwapo G. m. b. H., Berlin, Germany. Furnace for melting fine and granular substances. 2,137,363; Nov. 22.
- Spreng-und Tauchgesellschaft m. b. H. (See Böll, K., and Edelhoff, assignors.)
- Spreyer, George S., Fallon, Nev. Attachment for tail-board scrapers. 2,130,974; Sept. 20.
- Sprich, Emil M., St. Louis, Mo. Butcher block. 2,110,560; Mar. 8.
- Springs, David A., assignor to Standard Container, Inc., Bloomfield, N. J. Can. 2,121,890; June 28.
- Springs, David A., assignor to Standard Container, Inc., Bloomfield, N. J. Spool. 2,126,053; Aug. 9.
- Springs, David A., assignor to Standard Container, Inc., Bloomfield, N. J. Spool. 2,138,074; Nov. 29.
- Spring, Walter M., Springvale, Maine, assignor to Arlington Mills, Lawrence, Mass. Wool combing machine. 2,112,933; Apr. 5.
- Springall, Ramona D., administratrix. (See Springall, Raymond J.)
- Springall, Raymond J., deceased, by R. D. Springall, administratrix, Sacramento, Calif., now by judicial decree to R. D. Springall, widow. Soldering iron heater. 2,140,817; Dec. 20.
- Springer, Karl L., Goose Creek, Tex., assignor to Standard Oil Development Company. Process and apparatus for the recovery of sulphur dioxide from sulphite liquors. 2,137,311; Nov. 22.
- Springer, Ray W., Detroit, Mich. Shim structure. 2,106,385; Jan. 25.
- Springer, Robert R., assignor of one-half to W. W. McKinney, Harrison, Ark. Bun slicing machine. 2,109,438; Feb. 22.
- Springfield Wire & Tinsel Co. (See Mason, George L., assignor.)
- Sprole, Robert R., assignor to P. M. Lincoln, Ithaca, N. Y. Thermal responding indicator. 2,118,742; May 24.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Draft gear. 2,121,833; June 28.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Selective travel draft gear. 2,121,834; June 28.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Bolster spring unit. 2,121,835; June 28.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Friction bolster spring. 2,128,503; Aug. 30.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Bolster spring unit. 2,128,504; Aug. 30.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Bolster supporting spring unit. 2,128,505; Aug. 30.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Friction draft gear. 2,139,701; Dec. 13.
- Sproule, Donald O., Ilford, assignor of one-half to Henry Hughes & Son, Limited, London, England. Delivering an intermittent electrical current. 2,105,675; Jan. 18.
- Sproule, Donald O., assignor of one-half to Henry Hughes & Son Limited, London, England. Visual indicator for echo sounding apparatus. 2,129,155; Sept. 6.
- Spruill, Charles W., Houston, Tex. Valve. Re. 20,755; June 7.
- Spruill, Charles W., and L. J. Vetrano, Houston, Tex. Valve mechanism. 2,131,277; Oct. 25.
- Srow, Frederick F., San Francisco, Calif. Racket holder. 2,135,226; Nov. 1.
- Spurlin, Harold M., assignor to Hercules Powder Company, Wilmington, Del. Producing guanidine nitrate. 2,109,934; Mar. 1.
- Spurlin, Robert L., Port Arthur, Tex. Ejector. 2,106,361; Jan. 25.
- Spyut, Albert B., Waltham, Mass., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing device. 2,126,932; Aug. 10.
- Square D Company. (See Jackson, John G., assignor.)
- Square D Company. (See Jackson, J. G., and Allen, assignors.)
- Square D Company. (See Jackson, J. G., and Kingdon, assignors.)
- Square D Company. (See Kingdon, Ralph H., assignor.)
- Square D Company. (See Maseng, Olav, assignor.)



- Square D Company. (See Roby, Frank H., assignor.)  
 Square D Company. (See Schaefer, Carl A., assignor.)  
 Square D Company. (See Van Valkenburg, H. L., and Schaefer, assignors.)  
 Squibb, E. R., & Sons. (See Berg, Frantz F., assignor.)  
 Squibb, E. R., & Sons. (See Christiansen, W. G., and Harris, assignors.)  
 Squibb, E. R., & Sons. (See Christiansen, W. G., and Jurist, assignors.)  
 Squibb, E. R., & Sons. (See Christiansen, W. G., and Lott, assignors.)  
 Squibb, E. R., & Sons. (See Christiansen, W. G., and Moness, assignors.)  
 Squibb, E. R., & Sons. (See Christiansen, Walter G., assignor.)  
 Squibb, E. R., & Sons. (See De Frates, Joseph S., assignor.)  
 Squibb, E. R., & Sons. (See Jones, William S., assignor.)  
 Squibb, E. R., & Sons. (See Jurist, Alfred E., assignor.)  
 Squibb, E. R., & Sons. (See Lee, John, assignor.)  
 Squibb, E. R., & Sons. (See Lott, W. A., and Braker, assignors.)  
 Squibb, E. R. & Sons. (See Lott, W. A., and Coles, assignors.)  
 Squibb, E. R., & Sons. (See Lott, William A., assignor.)  
 Squibb, E. R., & Sons. (See Nitardy, Ferdinand W., assignor.)  
 Squibb, George R. (See Pope, H. L., and Squibb.)  
 Squier, George K. (See Tear, H. R., and Squier.)  
 Squier, V. C., Company. (See Gould, Raymond S., Jr., assignor.)  
 Squire, Guy O. (See Rickard, Joseph S., assignor.)  
 Squire, Jacob, Long Island City, N. Y. Shoe. 2,111,948; Mar. 22.  
 Squires, Etta M., Amityville, N. Y. Game. 2,111,339; Mar. 15.  
 Squires, John, Hagerstown, Md. Automatic propeller. 2,118,574; May 24.  
 Squires, John, Hagerstown, Md., assignor to United Aircraft Corporation, East Hartford, Conn. Propeller making. 2,138,127; Nov. 29.  
 Squyars, Alexander E., Nashville, Ga. Spraying machine. 2,111,439; Mar. 15.  
 Squyer, Albert R., assignor to Weaver Manufacturing Company, Springfield, Ill. Headlight tester. 2,128,543; Aug. 30.  
 Sroat, Paul H., assignor to Heat-Rite Fireplace, Inc., Portland, Ore. Fireplace contained air circulating heater. 2,131,763; Oct. 4.  
 Staats, Byron H. (See Bennett, C. W., and Staats.)  
 Staats, Franklin E., assignor to Staats Hydraulic Appliance, Inc., Peoria, Ill. Hydraulic clutch. 2,116,049; May 3.  
 Staats, Franklin E., assignor to Staats Hydraulic Appliance, Inc., Peoria, Ill. Hydraulic clutch. 2,140,886; Dec. 20.  
 Staats Hydraulic Appliance, Inc. (See Staats, Franklin E., assignor.)  
 Stabbal, Oscar J., Lakewood, Ohio. Refrigerator. 2,107,400; Feb. 8.  
 Staber, Ernest H., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Construction of gasometer roof tanks. 2,117,829; May 17.  
 Stableford, John L., London, England. Projection screen. 2,133,120; Oct. 11.  
 Stacey, Alfred E., Jr., Essex Fells, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Circulation system. 2,109,512; Mar. 1.  
 Stacey, Alfred E., Jr., Essex Fells, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Pre-cooling enclosures. 2,115,344; Apr. 26.  
 Stacey, Alfred E., Jr., Essex Fells, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Curing food products. 2,116,223; May 3.  
 Stacey, Alfred E., Jr., Essex Fells, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Railroad car air distributing system. 2,134,588; Oct. 25.  
 Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe parts. 2,117,374; May 17.  
 Stack, James M., assignor of one-half to F. A. Young, Oakland, Calif. Furring device. 2,111,949; Mar. 22.  
 Stack, James R., New Dorp, Staten Island, assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Refining of nonferrous metals. 2,111,575; Mar. 22.  
 Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,124,641; July 26.  
 Stackhouse, Roy G., Birmingham, Ala. Railroad tie. 2,128,272; Aug. 30.  
 Stackpole Carbon Company, The. (See Hathorn, Clarence J., assignor.)  
 Stackpole, Charles T., Worcester, Mass. Stitching guide gauge. 2,116,936; May 10.  
 Stacy, John D., Pittsfield, Mass., assignor to General Electric Company. Capacitor for polyphase circuits. 2,128,857; Aug. 30.  
 Stacy-Judd, Elizabeth S. S., et al. (See Schofield, George L.)  
 Stader, Florence M., Plymouth, Mich. Fastening device. 2,107,913; Feb. 8.  
 Stader, William. (See Klein, M., Willach, and Stader.)  
 Stadler, Albert, assignor to G. W. McKee, Rockford, Ill. Circuit controlling device. 2,141,772; Dec. 27.  
 Stadler, Josef, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Rendering textile materials substantially resistant to creasing. 2,118,685; May 24.  
 Stadler, Joseph. (See Siefert, F., and Stadler.)  
 Stadler, Karl. (See Winterer, F., and Stadler.)  
 Stadler, Robert, and A. Auerhahn, Heidelberg, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of conversion products of acetylene. 2,131,197; Sept. 27.  
 Stadman, Roger W., Los Angeles, Calif. Carburetor attachment. 2,114,548; Apr. 19.  
 Stadt, Henry M. (See Clayton, B., Kerrick, and Stadt.)  
 Stadub, Stephen, Brooklyn, N. Y. Pressing machine for collars. 2,141,051; Dec. 20.  
 Stafast. (See Cohen, Nathaniel, assignor.)  
 Stafford, Henry A., Ridley Park, Pa. Treatment of textile fibers. 2,122,593; July 5.  
 Stafford, John, et al. (See Eckert, Buell, assignor.)  
 Stafford, John C., Steubenville, Ohio. Traffic control gate. 2,137,193; Nov. 15.  
 Stafford, William L., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Thermal insulating composition. 2,120,431; June 14.  
 Stageberg, Sterling O., Red Wing, Minn. Fluid check. 2,119,365; May 31.  
 Stageberg, Sterling O., assignor to Sterling Engineers, Inc., Red Wing, Minn. Vehicle construction. 2,137,186; Nov. 15.  
 Stager, Henry G. (See Masters, O. M., and Stager.)  
 Stagg, Louis E., Jr. (See Long, A. B., and Stagg.)  
 Stagnaro, Eugene M. (See Moyes, Seoris M., assignor.)  
 Stahl, Albert L., assignor of one-half to J. L. Collins, Turlock, Calif. Trailer. 2,135,857; Nov. 8.  
 Stahl, Charles R. (See Knight, J. L., and Stahl.)  
 Stahl, Edward J., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Vehicle. 2,104,335; Jan. 4.  
 Stahl, Frank E., deceased, Tonawanda, N. Y.; L. M. Stahl, administratrix. Antiskid cross chain. 2,131,713; Sept. 27.  
 Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Bonding the ends of wire rope. 2,115,649; Apr. 26.  
 Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Apparatus for bonding the ends of wire ropes. 2,115,652; Apr. 26.  
 Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Chain fastener. 2,123,864; July 12.  
 Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Fastening means for tire chains. 2,123,865; July 12.  
 Stahl, Frank E., Tonawanda, and R. J. Kieffer, Getzville, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Emergency antiskid device. 2,119,447; May 31.  
 Stahl, Herbert. (See Schrader, H., and Stahl.)  
 Stahl, Lillie M., administratrix. (See Stahl, Frank E.)  
 Stahl, R., A. G. (See Dennerlein, Paul, assignor.)  
 Stahl, William, Los Angeles, Calif. Shower stall door hinge. 2,136,729; Nov. 15.  
 Stahl, William, Los Angeles, Calif. Store front construction. 2,141,564; Dec. 27.  
 Stahly, Eldon E. (See Roetheli, B. E., and Stahly.)  
 Stahmer, Louis A., Forest Park, Ill. Poultry feeder. 2,131,984; Oct. 4.  
 Stahn, Richard, Dessau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of nitrogenous cellulose derivatives. 2,120,513; June 14.  
 Stake, Herman, and A. W. Carlson, Worcester, Mass.; said Stake assignor to said Carlson. Labeling machine. 2,105,847; Jan. 18.  
 Stalcup, Ernest F., Rutledge, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam jet refrigeration apparatus. 2,106,362; Jan. 25.  
 Staley, A. E., Manufacturing Company. (See Davis, William L., assignor.)  
 Staley, A. E., Manufacturing Company. (See File, Howard, assignor.)  
 Staley, A. E., Manufacturing Company. (See Greenfield, Robert E., assignor.)  
 Staley, A. E., Manufacturing Company. (See Staley, Augustus E., Jr., assignor.)  
 Staley, Allen C., Birmingham, assignor to Chrysler Corporation, Detroit, Mich. Control system for air compressors. 2,115,888; May 3.  
 Staley, Augustus E., Jr., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Starch making process. 2,116,610; May 10.  
 Staley Elevator Company. (See Staley, M., and Kramer, assignors.)  
 Staley, Joseph H., assignor to Electric Switch Corporation, Columbus, Ind. Selective actuator for mercury switches. 2,127,760; Aug. 23.  
 Staley, Joseph H., assignor to Electric Switch Corporation, Columbus, Ind. Time cycle controller. 2,141,024; Dec. 20.



Staley, Marcellus, and A. Kramer, Brooklyn, assignors to Staley Elevator Company, Inc., New York, N. Y. Control system. 2,135,204; Nov. 1.

Stalker, Ralph M. (See Scotcher, Arthur W., assignor.)

Stallmann, Otto, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of the alkali metal salts of 2-benzoylbenzoic acid compounds. 2,107,652; Feb. 8.

Stallmann, Otto, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphuric acid esters of halogen-aminoanthraquinones. 2,117,772; May 17.

Stam, Mart, Amsterdam, Netherlands, assignor to A. Lorenz, Zurich, Switzerland. Chair with tiltable seat. 2,136,198; Nov. 8.

Stam, Martinus J., The Hague, Netherlands. Manufacture of rubber dust. 2,119,932; June 7.

Stamback, Rollo L., Long Beach, assignor of one-half to W. R. Mayhew, Alhambra, Calif. Liquid testing device. 2,133,674; Oct. 18.

Stamets, William K. (See Hibbard, Robert L., assignor.)

Stamm, Frederick C., Lockport, N. Y. Moisture control system. 2,142,037; Dec. 27.

Stamm, Vincel R. (See Moore, H. C., and Stamm.)

Stampen, Jacob J. (See Babson, H. B., and Stampen.)

Stamy, David R., Huntington Woods, assignor to Chrysler Corporation, Detroit, Mich. Fastener. 2,105,706; Jan. 18.

Stancil, John P., Pine Lawn, Mo. Treatment of oiticica oil. 2,139,864; Dec. 13.

Stancil, Louis G., Cincinnati, Ohio. Device for winding and cutting cellophane. 2,105,707; Jan. 18.

Stanco, Inc. (See Bahelka, Joseph, assignor.)

Stanco Incorporated. (See Grant, Dudley H., assignor.)

Stanco Incorporated. (See Rose, William H., assignor.)

Standard Alcohol Co. (See Archibald, Francis M., assignor.)

Standard Alcohol Company. (See Archibald, F. M., and Schneider, assignors.)

Standard Alcohol Company. (See Brooks, Benjamin T., assignor.)

Standard Alcohol Company. (See Rosen, R., Buc, and Lebo, assignors.)

Standard Armature Parts Co. (See McCaffrey, John T., assignor.)

Standard Brands Incorporated. (See Auden, H. A., and Eaglesfield, assignors.)

Standard Brands Incorporated. (See Braun, Géza, assignor.)

Standard Brands Incorporated. (See Gore, H. C., and Frey, assignors.)

Standard Brands Incorporated. (See Hewitt, Harry, assignor.)

Standard Brands Incorporated. (See Lockey, James, assignor.)

Standard Brands Incorporated. (See Schultz, A. S., and Frey, assignors.)

Standard Cap and Seal Corporation. (See Teyander, Olof N., assignor.)

Standard Car Truck Company. (See Webb, Edwin W., assignor.)

Standard Coin Wrappers, Incorporated. (See Francis, Joseph N., assignor.)

Standard Computing Scale Company, The. (See Jaenichen, Louis, assignor.)

Standard Container, Inc. (See Sprigings, David A., assignor.)

Standard Conveyor Company. (See Maltby, Edward H., assignor.)

Standard-Coosa-Thatcher Company. (See McAllister, J. S., and Sherman, assignors.)

Standard Corrugated Case Corporation. (See Liskin, J., and Stimmel, assignors.)

Standard Corset Company. (See Allis, Robert T., assignor.)

Standard Electric Time Company, The. (See Dorsett, Leonard P., assignor.)

Standard Forgings Corporation. (See Swanson, Clarence S., assignor.)

Standard Hat Leather Co. Inc. (See Spitz, Benjamin, assignor.)

Standard-I.G. Company. (See Brown, Cecil L., assignor.)

Standard-I. G. Company. (See Currie, William B., assignor.)

Standard-I. G. Company. (See Darrer, Eugen, assignor.)

Standard-I. G. Company. (See Ellis, Carleton, assignor.)

Standard-I. G. Company. (See Haslam, Robert T., assignor.)

Standard-I. G. Company. (See Jones, William H., assignor.)

Standard-I. G. Company. (See Krauch, C., and Pier, assignors.)

Standard-I. G. Company. (See Pier, M., and Christmann, assignors.)

Standard-I. G. Company. (See Pier, M., and Donath, assignors.)

Standard-I. G. Company. (See Pier, M., Jacob, and Simon, assignors.)

Standard-I. G. Company. (See Pier, M., Kroenig, and Donath, assignors.)

Standard-I. G. Company. (See Pier, M., and Simon, assignors.)

Standard-I. G. Company. (See Tilton, Joshua A., assignor.)

Standard-Johnson Company. (See Donnellan, Edward P., assignor.)

Standard-Knapp Corporation. (See Blackstone, Clarence W., assignor.)

Standard-Knapp Corporation. (See Fermann, J. A., and Mosley, assignors.)

Standard-Knapp Corporation. (See Kimball, Wallace D., assignor.)

Standard-Knapp Corporation. (See Kimball, W. D., and Braren, assignors.)

Standard-Knapp Corporation. (See Kimball, W. D., Braren, and Schaefer, assignors.)

Standard Lime and Stone Company, The. (See Chantier, Lewis W., assignor.)

Standard Lime and Stone Company, The. (See Singewald, Joseph T., Jr., assignor.)

Standard Lime and Stone Company, The. (See Thomas, Frank C., assignor.)

Standard Mailing Machines Company. (See Storck, Frederick W., assignor.)

Standard Mailing Machines Company. (See Storck, F. W., and Franson, assignors.)

Standard Mfg. Co. (See Batcheller, Hugh W., assignor.)

Standard Mirror Company. (See La Hodny, W., and Barager, assignors.)

Standard Mirror Company. (See La Hodny, W., and Hoff, assignors.)

Standard Motor Company Limited, The. (See Grinham, Edward G., assignor.)

Standard Motor Company Limited, The. (See Grinham, E. G., and Dawtrey, assignors.)

Standard Oil Company. (See Adams, C. E., and Scheinman, assignors.)

Standard Oil Company. (See Adams, C. E., Sullivan, and Anderson, assignors.)

Standard Oil Company. (See Adams, Elmer W., assignor.)

Standard Oil Company. (See Adams, E. W., and MacLaren, assignors.)

Standard Oil Company. (See Adams, E. W., and McNulty, assignors.)

Standard Oil Company. (See Adams, E. W., Ovitz, and Wiley, assignors.)

Standard Oil Company. (See Anderson, John A., assignor.)

Standard Oil Company. (See Arveson, Maurice H., assignor.)

Standard Oil Company. (See Atwell, Harold V., assignor.)

Standard Oil Company. (See Barnard, Daniel P., IV, assignor.)

Standard Oil Company. (See Batchelder, H. R., and Kuentzel, assignors.)

Standard Oil Company. (See Beale, Edward B., assignor.)

Standard Oil Company. (See Bergstrom, Eric V., assignor.)

Standard Oil Company. (See Bransky, David W., assignor.)

Standard Oil Company. (See Brown, A. B., and Diwokey, assignors.)

Standard Oil Company. (See Brunstrum, Lawrence C., assignor.)

Standard Oil Company. (See Brunstrum, L. C., and Adams, assignors.)

Standard Oil Company. (See Brunstrum, L. C., and MacLaren, assignors.)

Standard Oil Company. (See Buchler, C. C., and Diggs, assignors.)

Standard Oil Company, The. (See Burk, Robert E., assignor.)

Standard Oil Company, The. (See Burk, R. E., and Lankelma, assignors.)

Standard Oil Company. (See Carpenter, M. T., Ruthruff, and Roberts, assignors.)

Standard Oil Company. (See Chase, George F., assignor.)

Standard Oil Company. (See Chenicek, George W., assignor.)

Standard Oil Company. (See Essery, Evan R., assignor.)

Standard Oil Company. (See Houser, A. R., and Ducommun, assignors.)

Standard Oil Company. (See Kay, Webster B., assignor.)

Standard Oil Company. (See Kuentzell, Ward B., assignor.)

Standard Oil Company. (See Kuentzel, W. E., Geissman, and Batchelder, assignors.)

Standard Oil Company, The. (See Lankelma, Herman P., assignor.)

Standard Oil Company. (See Larson, Godfrey W., assignor.)

Standard Oil Company. (See Lemmon, Norman E., assignor.)

Standard Oil Company. (See MacLaren, F. H., and Brunstrum, assignors.)

Standard Oil Company, The. (See McConnell, Elliott R., assignor.)

Standard Oil Company. (See Moure, Donald A., assignor.)

Standard Oil Company. (See Musselman, J. M., and McConnell, assignors.)

Standard Oil Company. (See Page, James M., Jr., assignor.)

Standard Oil Company. (See Parkhurst, George L., assignor.)

Standard Oil Company. (See Payne, Elmer H., assignor.)



- Standard Oil Company. (See Plummer, William B., assignor.)
- Standard Oil Company. (See Potter, Charles M., assignor.)
- Standard Oil Company. (See Price, R. H., and Voorhees, assignors.)
- Standard Oil Company. (See Roberts, Joseph K., assignor.)
- Standard Oil Company. (See Ruthruff, Robert F., assignor.)
- Standard Oil Company. (See Shoemaker, Bernard H., assignor.)
- Standard Oil Company. (See Schroeder, Carl J., assignor.)
- Standard Oil Company. (See Selund, Robert B., assignor.)
- Standard Oil Company. (See Shoemaker, Bernard H., assignor.)
- Standard Oil Company. (See Shoemaker, B. H., and Loane, assignors.)
- Standard Oil Company. (See Snow, Harold R., assignor.)
- Standard Oil Company. (See Stockdale, Thomas E., assignor.)
- Standard Oil Company. (See Sullivan, Frederick W., Jr., assignor.)
- Standard Oil Company. (See Thiele, E. W., and Ginsberg, assignors.)
- Standard Oil Company. (See Tucker, E. B., and Thiele, assignors.)
- Standard Oil Company. (See Voorhees, Vanderveer, assignor.)
- Standard Oil Company. (See Watts, George W., assignor.)
- Standard Oil Company. (See Wilson, Robert E., assignor.)
- Standard Oil Company. (See Wilson, R. R., Brown, and White, assignors.)
- Standard Oil Company (Indiana). (See Roberts, Joseph K., assignor.)
- Standard Oil Company (Indiana). (See Shankland, R. V., and Price, assignors.)
- Standard Oil Company (Indiana). (See Voorhees, Vanderveer, assignor.)
- Standard Oil Company (Indiana). (See Zimmerman, Russell L., assignor.)
- Standard Oil Company of California. (See Brooke, Lloyd F., assignor.)
- Standard Oil Company of California. (See Chrisman, Albert M., assignor.)
- Standard Oil Company of California. (See Davis, William N., assignor.)
- Standard Oil Company of California. (See Davis, W. N., Cushman, and Fratis, assignors.)
- Standard Oil Company of California. (See Gosline, James E., assignor.)
- Standard Oil Company of California. (See Hampton, William H., assignor.)
- Standard Oil Company of California. (See Hampton, W. H., and Doell, assignors.)
- Standard Oil Company of California. (See Hampton, W. H., Cushman, and Fratis, assignors.)
- Standard Oil Company of California. (See Harger, D. K., and Wolff, assignors.)
- Standard Oil Company of California. (See Herrick, Henry N., assignor.)
- Standard Oil Company of California. (See Ihm, I. H., and Tuttle, assignors.)
- Standard Oil Company of California. (See Lyman, Arthur L., assignor.)
- Standard Oil Company of California. (See Lyman, A. L., and Holm, assignors.)
- Standard Oil Company of California. (See Lynton, E. D., and Herrick, assignors.)
- Standard Oil Company of California. (See Nutt, Donald B., assignor.)
- Standard Oil Company of California. (See Putnam, Joseph F., assignor.)
- Standard Oil Company of California. (See Rutherford, John T., assignor.)
- Standard Oil Company of California. (See Rutherford, J. T., and Brock, assignors.)
- Standard Oil Company of California. (See Shiffler, W. H., and Cope, assignors.)
- Standard Oil Company of California. (See Shiffler, W. H., and Danner, assignors.)
- Standard Oil Company of California. (See Shiffler, W. H., and Holm, assignors.)
- Standard Oil Company of California. (See Shiffler, W. H., Holm, and Miller, assignors.)
- Standard Oil Company of California. (See Webster, Frederick A., Jr., assignor.)
- Standard Oil Company (Ohio). (See Ambrosius, George M., assignor.)
- Standard Oil Company (Ohio), The. (See Burk, Robert E., assignor.)
- Standard Oil Company (Ohio), The. (See Burk, R. E., and Hughes, assignors.)
- Standard Oil Company (Ohio), The. (See Hughes, Everett C., assignor.)
- Standard Oil Company (Ohio), The. (See Musselman, John M., assignor.)
- Standard Oil Company (Ohio), The. (See Musselman, J. M., and Lankelma, assignors.)
- Standard Oil Development Company. (See Anderson, Richard D., assignor.)
- Standard Oil Development Company. (See Archibald, Francis M., assignor.)
- Standard Oil Development Company. (See Atkinson, V. L., and Foster, assignors.)
- Standard Oil Development Company. (See Baldeschwieler, Emile L., assignor.)
- Standard Oil Development Company. (See Baskin, Charles M., assignor.)
- Standard Oil Development Company. (See Bartlett, J. H., and Gleason, assignors.)
- Standard Oil Development Company. (See Beiswenger, Gustav A., assignor.)
- Standard Oil Development Company. (See Blau, L. W., and Gemmer, assignors.)
- Standard Oil Development Company. (See Buc, Hyym E., assignor.)
- Standard Oil Development Company. (See Cannon, George E., assignor.)
- Standard Oil Development Company. (See Carlson, Ejnar W., assignor.)
- Standard Oil Development Company. (See Churchill, Durand, Jr., assignor.)
- Standard Oil Development Company. (See Cibulka, Alois, assignor.)
- Standard Oil Development Company. (See Cohen, Charles A., assignor.)
- Standard Oil Development Company. (See Cross, T., Jr., and Fulton, assignors.)
- Standard Oil Development Company. (See Davis, Garland H. B., assignor.)
- Standard Oil Development Company. (See Dawson, Oliver H., assignor.)
- Standard Oil Development Company. (See Day, Thomas O., assignor.)
- Standard Oil Development Company. (See Ellis, Carleton, assignor.)
- Standard Oil Development Company. (See English, Edward F., assignor.)
- Standard Oil Development Company. (See Fischer, H. G. M., and Gustafson, assignors.)
- Standard Oil Development Company. (See Frollich, Per K., assignor.)
- Standard Oil Development Company. (See Fulton, Stewart C., assignor.)
- Standard Oil Development Company. (See Fulton, S. C., and Cross, assignors.)
- Standard Oil Development Company. (See Fulton, S. C., and Vesterdal, assignors.)
- Standard Oil Development Company. (See Fulton, S. C., and Whiteley, assignors.)
- Standard Oil Development Company. (See Gleason, Anthony H., assignor.)
- Standard Oil Development Company. (See Gohr, Edwin J., assignor.)
- Standard Oil Development Company. (See Hahn, F., and Schrader, assignors.)
- Standard Oil Development Company. (See Harrington, Paul J., assignor.)
- Standard Oil Development Company. (See Harrington, P. J., and Burks, assignors.)
- Standard Oil Development Company. (See Harris, J. M., Jr., and Black, assignors.)
- Standard Oil Development Company. (See Hawkins, Earl M., assignor.)
- Standard Oil Development Company. (See Hewlett, Amiot P., assignor.)
- Standard Oil Development Company. (See Howell, Lynn G., assignor.)
- Standard Oil Development Company. (See Karns, Charles B., assignor.)
- Standard Oil Development Company. (See Lewis, Warren K., assignor.)
- Standard Oil Development Company. (See Matheson, George L., assignor.)
- Standard Oil Development Company. (See Maverick, George M., assignor.)
- Standard Oil Development Company. (See Mikeska, L. A., and Cohen, assignors.)
- Standard Oil Development Company. (See Mikeska, L. A., and Holtzelaw, assignors.)
- Standard Oil Development Company. (See Mikeska, L. A., and Lieber, assignors.)
- Standard Oil Development Company. (See Mikeska, L. A., and Turner, assignors.)
- Standard Oil Development Company. (See Miller, Floyd L., assignor.)
- Standard Oil Development Company. (See Miller, F. L., and Winning, assignor.)
- Standard Oil Development Company. (See Morway, Arnold J., assignor.)
- Standard Oil Development Company. (See Murphree, E. V., and Reeves, assignors.)
- Standard Oil Development Company. (See Patterson, Albert C., assignor.)
- Standard Oil Development Company. (See Peck, Edward B., assignor.)
- Standard Oil Development Company. (See Ragland, Douglas, assignor.)
- Standard Oil Development Company. (See Richardson, R. W., and Owen, assignors.)
- Standard Oil Development Company. (See Roetheli, B. E., and Stahly, assignors.)
- Standard Oil Development Company. (See Rosen, Raphael, assignor.)



- Standard Oil Development Company. (See Rosen, R., and Cohen, assignors.)
- Standard Oil Development Company. (See Russell, Robert P., assignor.)
- Standard Oil Development Company. (See Rust, W. M., Jr., and Mounce, assignors.)
- Standard Oil Development Company. (See Salnikov, Ivan S., assignor.)
- Standard Oil Development Company. (See Schneider, Helmuth G., assignor.)
- Standard Oil Development Company. (See Schneider, H. G., and Sommer, assignors.)
- Standard Oil Development Company. (See Sherar, Stuart, assignor.)
- Standard Oil Development Company. (See Showalter, Jere C., assignor.)
- Standard Oil Development Company. (See Spicer, William E., assignor.)
- Standard Oil Development Company. (See Spicer, W. E., and Davis, assignors.)
- Standard Oil Development Company. (See Springer, Karl L., assignor.)
- Standard Oil Development Company. (See Starr, John V., assignor.)
- Standard Oil Development Company. (See Statham, Louis, assignor.)
- Standard Oil Development Company. (See Statham, L., and Blau, assignors.)
- Standard Oil Development Company. (See Steik, K. T., and Fulton, assignors.)
- Standard Oil Development Company. (See Stratford, Reginald K., assignor.)
- Standard Oil Development Company. (See Sweeney, W. J., and Laughlin, assignors.)
- Standard Oil Development Company. (See Sweeney, W. J., and Spicer, assignors.)
- Standard Oil Development Company. (See Turner, Luther B., assignor.)
- Standard Oil Development Company. (See Wasson, Jones I., assignor.)
- Standard Oil Development Company. (See Wells, Alfred A., assignor.)
- Standard Oil Development Company. (See Wells, A. A., and Collins, assignors.)
- Standard Oil Development Company. (See Wells, A. A., and Edwards, assignors.)
- Standard Oil Development Company. (See Whiteley, James M., assignor.)
- Standard Oil Development Company. (See Whiteley, J. M., and Beiswenger, assignors.)
- Standard Oil Development Company. (See Wiezevich, Peter J., assignor.)
- Standard Oil Development Company. (See Wiezevich, Peter J., assignor.)
- Standard Oil Development Company. (See Wiezevich, P. J., and Turner, assignors.)
- Standard Oil Development Company. (See Wiezevich, P. J., and Vesterdal, assignors.)
- Standard Oil Development Company. (See Winning, C., and Holtzclaw, assignors.)
- Standard Oil Development Company. (See Young, P. L., and Wiezevich, assignors.)
- Standard Oil Development Company. (See Zimmer, J. C., and Morway, assignors.)
- Standard Pressed Steel Co. (See Gade, Harald F., assignor.)
- Standard Pressed Steel Co. (See Hallowell, Howard T., assignor.)
- Standard Process Corporation. (See Wale, Bruce, assignor.)
- Standard Products Company, The. (See Reid, James S., assignor.)
- Standard Pyrometric Cone Company. (See Co Van, H. E., and Bole, assignors.)
- Standard Railway Equipment Manufacturing Company. (See Bancroft, Alfred G., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Bonsall, Charles D., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Conwell, Samuel H., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Finger, Paul B., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Glinin, Garth G., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Goldinger, Carl M., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Nicholas, Charles W., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Schlessinger, Edgar E., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Sisson, Vinton E., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Zeidler, Kurt E., assignor.)
- Starr, Raymond H., Kansas City, Mo. Refrigerator. 2,136,222; Nov. 8.
- Standard Register Company, The. (See Sherman, John Q., assignor.)
- Standard Sanitary Manufacturing Company. (See Boyd, Robert C., assignor.)
- Standard Screw Company. (See Pollet, Vermont, assignor.)
- Standard Sports Mfg. Co. (See O'Hara, Harry J., assignor.)
- Standard Sports Mfg. Co. (See Levinson, David, assignor.)
- Standard Sports Mfg. Co. (See Peters, Edward B., assignor.)
- Standard Steel Works. (See Kuhrts, George J., Jr., assignor.)
- Standard Stoker Company, The. (See Anderson, Howard P., assignor.)
- Standard Stoker Company, The. (See Binney, Charles A., assignor.)
- Standard Stoker Company, The. (See Broker, George M., assignor.)
- Standard Stoker Company, The. (See Capps, Washington T., assignor.)
- Standard Stoker Company, The. (See Davison, Charles R., assignor.)
- Standard Stoker Company, The. (See Hogg, Francis, assignor.)
- Standard Stoker Company, The. (See Hutton, Alfred, assignor.)
- Standard Stoker Company, The. (See Ichter, John H., assignor.)
- Standard Stoker Company, The. (See Ketchpel, Paul A., assignor.)
- Standard Stoker Company, The. (See Lippert, Henry E., assignor.)
- Standard Stoker Company, The. (See MacKenzie, Joseph B., assignor.)
- Standard Stoker Company, The. (See Moeller, Otto, assignor.)
- Standard Stoker Company, The. (See Myers, John W., assignor.)
- Standard Stoker Company, The. (See Peyton, W. C., and Anderson, assignors.)
- Standard Stoker Company, The. (See Roesch, Frank P., assignor.)
- Standard Stoker Company, The. (See Surdy, Charles J., assignor.)
- Standard Stoker Company, The. (See Turner, Edwin A., assignor.)
- Standard Stoker Company. (See Wright, William N., assignor.)
- Standard Stoker Company, Inc., (1922). (See Ketchpel, P. A., and Sadler, assignors.)
- Standard Stoker Company, Inc., (1922), The. (See Surdy, Charles J., assignor.)
- Standard Stoker Company, Inc. (1922), The. (See Turner, Edwin A., assignor.)
- Standard Stoker Company (1922). (See Chalker, Albert R., assignor.)
- Standard Stoker Company, (1922), The. (See Ketchpel, Paul A., assignor.)
- Standard Stoker Company (1922), The. (See Lower, Nathan M., assignor.)
- Standard Stoker Company (1922), The. (See MacKenzie, Joseph B., assignor.)
- Standard Stoker Company, (1922) The. (See Secor, Allen C., assignor.)
- Standard Stoker Company (1922), The. (See Seibel, Elmer F., assignor.)
- Standard Stoker Company (1922), The. (See Turner, Edwin A., assignor.)
- Standard-Trump Bros Machine Company. (See Houseman, Harold E., assignor.)
- Standard-Trump Bros. Machine Company. (See Houseman, Wilbur L., assignor.)
- Standard Trump Bros. Machine Co. (See Taggart, William N., assignor.)
- Standewick, Reginald G., Marblehead, Mass., assignor to General Electric Company. Elastic fluid engine control. 2,124,435; July 19.
- Standley, Cleo R., Wheaton, assignor to R. Malcolm, Chicago, Ill. Helmet. 2,125,854; Aug. 2.
- Standley, Eleanor W., Watertown, N. Y. Dress shield. 2,113,469; Apr. 5.
- Standley, George P. (See Parker, H. H., and Standley.)
- Standley, Ira, Garden City, Kans. Basin attachment. 2,124,717; July 26.
- Stan-Neat Apparel Company Limited. (See McComb, J. K., and Burruss, assignors.)
- Stanek, Josef, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for measuring high-frequency alternating currents. 2,134,589; Oct. 25.
- Stanford, Bruce, et al. (See Van Stone, Clifford E., assignor.)
- Stanford, Everett R., Alhambra, and H. V. Smith, San Diego County, Calif. Combination forestry implement. 2,116,852; May 10.
- Stanford, Leland, Jr. (See Hanzlik, Paul J., assignor.)
- Stange, Louis, Sommerda, assignor to Rhenmetall Rorsig Aktiengesellschaft, Düsseldorf, Germany. Automatic gun. 2,113,202; Apr. 5.
- Stange, William J., assignor to Wm. J. Stange Co., Chicago, Ill. Making condimentation products. 2,134,380; Oct. 25.
- Stange, Wm. J., Co. (See Stange, William J., assignor.)
- Stanger, Emil W. (See Jones, J. R., Stanger, and Krug.)
- Stanger, Otto C., and A. Thompson, Chicago, Ill., assignors, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Frozen confection, coating compound therefor, and making coating compound. 2,133,586; Oct. 18.



- Stanitz, Jacques, Warren, assignor, by mesne assignments, to Mullins Manufacturing Corporation, Salem, Ohio. Making sinks. 2,121,672; June 21.
- Stankey, Oscar, East St. Louis, Ill. Rotary speed alarm. 2,138,648; Nov. 29.
- Stanley, Elisha M., Parkesburg, Pa. Road structure. 2,123,480; July 12.
- Stanley, Herbert M. (See Joshua, W. P., Stanley, and Dymock.)
- Stanley, Herbert M., Tadworth, and J. E. Youell, Wallington, England. Hydration of higher olefines. 2,112,793; Mar. 29.
- Stanley, Herbert M., Tadworth, J. E. Youell, Wallington, and C. Minkoff, Belmont, England. Production of glycol derivatives. 2,141,443; Dec. 27.
- Stanley Patents, Inc. (See Seifer, Morton E., assignor.)
- Stanley, Paul H. (See Larsen, A. E., and Stanley.)
- Stanley, Paul H., Glenside, assignor to Autogiro Company of America, Willow Grove, Pa. Air rotor particularly for aircraft. 2,108,417; Feb. 15.
- Stanley, Walter, Kidderminster, England. Fishing reel and winding gear generally. 2,126,227; Aug. 9.
- Stanley Works, The. (See Bristoll, H. C., Sanford, and Doolittle, assignors.)
- Stanley Works, The. (See Duncan, A. S., and Stowell, assignors.)
- Stanley Works, The. (See Pease, M. H., and Keating, assignors.)
- Stanley Works, The. (See Robinson, David M., assignor.)
- Stanley Works, The. (See Stowell, Austin L., assignor.)
- Stannard, Benjamin F., assignor of forty percent to A. B. Leavelle, Los Angeles, Calif. Closure controlling device. 2,118,950; May 31.
- Stanolind Oil and Gas Company. (See Bays, George S., assignor.)
- Stanolind Oil and Gas Company. (See Clark, Joseph R., assignor.)
- Stanolind Oil and Gas Company. (See Salvatori, Henry, assignor.)
- Stanolind Pipe Line Company. (See Polston, John R., assignor.)
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Cathode construction. 2,123,386; July 12.
- Stansel, Numan R., Schenectady, N. Y., assignor to General Electric Company. Electric furnace regulator system. 2,124,438; July 19.
- Stansel, Numan R., Schenectady, N. Y., assignor to General Electric Company. Electric induction furnace. 2,139,528; Dec. 6.
- Stansfield, Charles, Garfield, N. J. Spinning machine. 2,132,055; Oct. 4.
- Stanton, Avery H., Dedham, assignor to E. Macleod, F. A. Morrison, C. Macleod, L. Soule, and S. A. Sargent, Jr., trustees, going business as Mason-Neilan Regulator Company, Boston, Mass. Control mechanism for paper making machines. 2,122,362; June 28.
- Stanton, Clinton, Toledo, Ohio. Device for expressing contents from collapsible tubes. 2,104,954; Jan. 11.
- Stanton, Frank C., et al. (See Eaton, Roland D., assignor.)
- Stanton, Fred H., Brady, Tex. Squeezer and cutter. 2,117,687; May 17.
- Stanton, Gladys P., administratrix. (See Stanton, Warren F.)
- Stanton Ironworks Company Limited, The. (See Wilson, P. H., and Ridley, assignors.)
- Stanton, Robert E., Denver, Colo., assignor to The Petroleum Processes Corporation, Wichita, Kans. Decolorizing petroleum oils. 2,106,071; Jan. 18.
- Stanton, Samuel J. S., Chicago, Ill. Tooth brush holder. 2,117,459; May 17.
- Stanton, Warren F., deceased; G. P. Stanton, administratrix, Pawtucket, R. I. Supercharger for gas engines. 2,134,742; Nov. 1.
- Stanwich, Joseph F., assignor to The Dole Valve Company, Chicago, Ill. Air valve. 2,119,723; June 7.
- Staples, Crawford E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,123,753; July 12.
- Staples, Crawford E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,136,808; Nov. 15.
- Staples, Dana R., Ridley Park, Pa. Engine control. 2,124,756; July 26.
- Staples, Henry B., trustee. (See Curry, Robert J.)
- Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Electric cable. 2,105,168; Jan. 11.
- Staples, Oscar C., Tulsa, Okla. Variable hook-off device. 2,123,762; July 12.
- Staples, Otis E., assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Hobbing machine. 2,122,219; June 28.
- Staples, Otis E., assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Hobbing machine. 2,127,273; Aug. 16.
- Staples, Willard F., assignor to Ponemah Mills, Taftville, Conn. Shuttle. 2,110,744; Mar. 8.
- Staples, William G. (See Robertson, J. D., and Staples.)
- Stapleton, Victor, Jackson Heights, assignor to The Texas Company, New York, N. Y. Hydrocarbon oil conversion. 2,114,987; Apr. 19.
- Stapling Machines Co. (See Florcyk, Edward M., assignor.)
- Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
- Star Expansion Belt Company. (See Mushet, James C., assignor.)
- Star Expansion Bolt Company. (See Hungerford, Daniel C., assignor.)
- Star Expansion Bolt Company. (See McIntosh, Roy E., assignor.)
- Star Peerless Wall Paper Mills. (See Buckwalter, Ross H., assignor.)
- Star-Service Hanger Company. (See Coney, James D., assignor.)
- Starck, Clemens B. (See Nadeau, G. F., and Starck.)
- Starck, Werner. (See Reppe, W., Voss, and Starck.)
- Starck, Werner. (See Voss, A., Dickhauser, Starck, and Jochum.)
- Starck, Edward A., Waldport, Oreg. Safety device. 2,122,049; June 28.
- Starck, Eugene E. (See Martin, E. G., and Starck.)
- Starck, John, Chester, assignor to Sun Oil Company, Philadelphia, Pa. Cylinder gauge. 2,121,614; June 21.
- Starck, John V., Penn Yan, N. Y. Automatic lift for bathtubs. 2,133,587; Oct. 18.
- Starck, Joseph W., New York, N. Y. Tubular woven fabric. 2,119,893; June 7.
- Starck, Joseph W., assignor to General Ribbon Mills, Inc., New York, N. Y. Ornament. 2,104,248; Jan. 4.
- Starck, Joseph W., New York, N. Y., assignor to General Ribbon Mills, Inc., Catasauqua, Pa. Narrow fabric. 2,125,838; Aug. 2.
- Starck, Julian H., Fort Wayne, Ind., assignor to General Electric Company. Coin controlled time switch. 2,106,042; Jan. 18.
- Starck, Julian H., Fort Wayne, Ind., assignor to General Electric Company. Coin time switch. 2,128,858; Aug. 30.
- Starck, Ludwig, North Bergen, N. J. Garment clasp. 2,104,955; Jan. 11.
- Starck Tool Company. (See Potter, Frederick T., assignor.)
- Starck, Willet E., East Cleveland, and J. C. Patterson, Shaker Heights, assignors to The Bryant Heater Company, Cleveland, Ohio. Air conditioning system. 2,124,932; July 26.
- Starkweather, Asa H., Los Angeles, Calif. Lead screw adjusting device. 2,136,642; Nov. 15.
- Starkweather, Gail C. (See Haas, L. L., and Starkweather.)
- Starkweather, Gail C. (See MacKenzie, R. J., Haas, and Starkweather.)
- Starkweather, Gail C., Kenmore, assignor to Buffalo Pressed Steel Company, Inc., Buffalo, N. Y. Muffler. 2,124,933; July 26.
- Starkweather, Gail C., Kenmore, and L. L. Haas, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,115,128; Apr. 26.
- Starline Inc. (See Ferris, Eugene C., assignor.)
- Starline Inc. (See Ferris, Howard J., assignor.)
- Starline, Inc. (See Ferris, Robert G., assignor.)
- Starling, Edmund M., Valdosta, Ga. Door latch guard. 2,127,891; Aug. 23.
- Starniri, Patrick. (See McCaleb, K. Y., and Starniri.)
- Starns, Clarence H. (See Parker, J. L., and Starns.)
- Starr, Allan M., assignor, by mesne assignments, to Starr & Sweetland, Piedmont, Calif. Fuel metering system and housing for same. 2,105,100; Jan. 11.
- Starr, Allan M., assignor, by mesne assignments, to Starr & Sweetland, Piedmont, Calif. Fluid metering and distributing system. 2,110,405; Mar. 8.
- Starr, John J. (See Moore, Harold C., assignor.)
- Starr, John J. (See Moore, H. C., and Stamm, assignors.)
- Starr, John V., Cranford, N. J., assignor to Standard Oil Development Company. Using hydrogenated solvents for dewaxing oils. 2,126,055; Aug. 9.
- Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Fuel pump. 2,109,785; Mar. 1.
- Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,113,997; Apr. 12.
- Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Drive establishing mechanism. 2,125,593; Aug. 2.
- Starr & Sweetland. (See Starr, Allan M., assignor.)
- Starrett, Eugene S. (See Garretson, Richard E. J., assignor.)
- Starrrick, William H., assignor to The Murray-Black Company, Springfield, Ohio. Extensible work supporting structure. 2,120,158; June 7.
- Star-Service Hanger Company. (See Kofalk, Henry S., assignor.)
- Starsmeare, Robert H. J., assignor to Tudhope Metal Specialties Limited, Orillia, Ontario, Canada. Temperature control mechanism. 2,135,858; Nov. 8.
- Start, Ernest. (See Start, Harry W. and E.)
- Start, Harry W., Carlton, and E. Start, Wilford, England. Straight-bar knitting machine. 2,130,708; Sept. 20.
- Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight-bar knitting machine. 2,107,221; Feb. 1.
- Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight bar knitting machine. 2,123,868; July 19.



- Startomatic Corporation, The. (See Loehr, L. K., and Burdick, assignors.)
- Starziczny, Josef, Copenhagen, Denmark. Rotary boiler and heat-exchanging apparatus. 2,140,175; Dec. 13.
- Stassen, Elmer D., Wanatah, Ind. Motor safety fuse. 2,119,184; May 31.
- Stasinski, Joseph, F. Edinger, and J. E. Thebaud, Philadelphia, Pa., said Thebaud assignor of one-sixth to said Stasinski and one-sixth to said Edinger. Ice cream dipper, power operated. 2,109,598; Mar. 1.
- Stastney, Ladislav. (See King, T. M., and Stastney.)
- State, James C., and R. A. Mairson, assignors of one-quarter to I. W. Mairson and one-quarter to N. Verburg, Kalamazoo, Mich. Speed governor for internal combustion engines. 2,134,156; Oct. 25.
- States Company, The. (See Blakeslee, Henry J., assignor.)
- States, Marshall N. (See Hornberger, C. S., and States.)
- Statham, Louis, Houston, Tex., assignor to Standard Oil Development Company. Method and apparatus for comparing electrical transients. 2,113,749; Apr. 12.
- Statham, Louis, and L. W. Blau, Houston, Tex., assignors to Standard Oil Development Company. Geophysical prospecting by the comparison of steady state potentials. 2,104,440; Jan. 4.
- Statham, Noel, Irvington-on-Hudson, N. Y., and H. Richards, Luke, Md., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Dustless bag discharge hopper. 2,107,995; Feb. 8.
- Stathem, Vereau L., Riverdale, Calif. Sack sewing apparatus. 2,107,963; Feb. 8.
- Stathem, Vereau L., Riverdale, Calif. Filled sack sewing apparatus. 2,107,964; Feb. 8.
- Stathem, Vereau L., Riverdale, Calif. Cutter and pitter for cling stone peaches. 2,113,500; Apr. 5.
- Stathem, Vereau L., Riverdale, Calif. Cutting implement. 2,124,718; July 26.
- Stationers Loose Leaf Company. (See Lotter, Adolph, assignor.)
- Stationers Loose Leaf Company. (See Lotter, Adolph G., assignor.)
- Statler, Walter H., Bethlehem, Pa., assignor to Bethlehem Steel Company. Welded underframe for mine cars. 2,128,333; Aug. 30.
- Statz, John, Worcester, Mass., assignor to The American Steel and Wire Company. Rail bond. 2,121,769; June 21.
- Staub, Edward E., and E. H. Wolfe, Detroit, Mich. Detachable shoe heel. 2,125,657; Aug. 2.
- Staub, Jean. (See Pulejo, C., and Staub.)
- Staubitz, Edward J., assignor to Blaw-Knox Company, Pittsburgh, Pa. Antenna tower. 2,116,368; May 3.
- Staubli, Gebr. & Co. (See Stäubli, Othmar, assignor.)
- Stäubli, Othmar, Horgen, assignor to Gebr. Staubli & Co., Horgen, Zurich, Switzerland. Shedding mechanism for looms. 2,136,765; Nov. 15.
- Staude, Edwin G., Minneapolis, Minn. Sheet feeder. 2,133,726; Oct. 18.
- Staude, Edwin G., Minneapolis, Minn. Delivery mechanism for paper box machines. 2,133,727; Oct. 18.
- Staud, Cyril J. (See Brooker, L. G. S., and Staud.)
- Staud, Cyril J. (See Fallesen, G. E., and Staud.)
- Staud, Cyril J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Reduction of contrast of photographic emulsions. 2,119,724; June 7.
- Staud, Cyril J., and J. L. Connelly, Rochester, N. Y., assignors to Eastman Kodak Company, Jersey City, N. J. Photographic emulsions. 2,127,621; Aug. 23.
- Staude, Edwin G., Minneapolis, Minn. Paper box making machine and method of folding. 2,117,460; May 17.
- Staude, Edwin G., Minneapolis, Minn. Counting mechanism. 2,130,604; Sept. 20.
- Staude, Edwin G., Minneapolis, Minn. Gumming and drying adhesive on flat surfaces. 2,130,605; Sept. 20.
- Staudinger, Hanns P. (See Auden, H. A., and Staudinger.)
- Staudinger, Hanns P. (See Auden, H. A., Staudinger, and Eaglesfield.)
- Staudt, Erich, Deventer, Netherlands. Manufacture of nitrogen trichloride. 2,118,903; May 31.
- Staudt, Erich, and G. van der Lee, Deventer, Netherlands. Manufacture of chloro-amines. 2,118,904; May 31.
- Stauffer Chemical Company. (See Anthony, Myron V., assignor.)
- Stauffer Chemical Company. (See Wallach, R. N., and (Zender, assignor).)
- Stauffer Chemical Company. (See Wieder, Ferd W., assignor.)
- Stauffer Chemical Company. (See Zender, Justin, assignor.)
- Stauffer, Earl C., Lancaster, Pa. Domestic heating boiler. 2,119,606; June 7.
- Staunton, Bruce M., Wichita, Kans. Inclinator. 2,128,606; Aug. 30.
- Stead Rail Anchor Company, The. (See Cooper, Francis W., assignor.)
- Stearns & Foster Company, The. (See Dwight, Russell S., assignor.)
- Stearns, Harry C., Glen Ellyn, Ill. Heater and heating system for automotive vehicles. 2,133,488; Oct. 18.
- Stearns, John E., Tulare County, Calif. Feeding tank for frog culture. 2,126,056; Aug. 9.
- Stearns Magnetic Manufacturing Company. (See Stearns, R. H., and Kiekhaefer, assignors.)
- Stearns, Raymond W., Detroit, Mich. Snap-in socket. 2,122,848; July 5.
- Stearns, Richard L., II, Chicago, Ill. Stereoscopic screen and stereoscopic vision. 2,133,121; Oct. 11.
- Stearns-Roger Manufacturing Company, The. (See Crombie, George, Sr., assignor.)
- Stearns-Roger Manufacturing Co., The, et al. (See Weinig, Arthur J., assignor.)
- Stearns, Roswell H., and E. C. Kiekhaefer, assignors to Stearns Magnetic Manufacturing Company, Milwaukee, Wis. Electromagnetic separator. 2,109,076; Feb. 22.
- Steatit-Magnesia Aktiengesellschaft. (See Reipka, Hellmuth C., assignor.)
- Stebbins, Harry Y., assignor to General American Pre-cooling Corporation, Chicago, Ill. Freezing apparatus. 2,113,359; Apr. 5.
- Stebler, Fred, Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Conveyor belt for fruit sizing machines. 2,122,542; July 5.
- Stebler, Fred, and G. P. Marsden, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Box feeding mechanism. 2,128,972; Sept. 6.
- Steccone, Ettore, Oakland, Calif. Squeegee. 2,123,638; July 12.
- Stechbart, Bruno, and A. G. Brueske, assignors to The Bell & Howell Company, Chicago, Ill. Motion picture camera and the like. 2,141,960; Dec. 27.
- Stecher, Charles, deceased, E. M. Stecher, executrix, assignor, by mesne assignments, of one-half to The Charles Stecher Co., and one-half to S. L. Winslow, Chicago, Ill. Machine for unloading bottles from crates. 2,119,725; June 7.
- Stecher, Charles, Co., The. (See Stecher, Charles, assignor.)
- Stecher, Emily M., executrix. (See Stecher, Charles.)
- Stecher, Henry D., assignor to The Weatherhead Company, Cleveland, Ohio. Fitting. 2,119,448; May 31.
- Stecher, Joseph L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the solidifying or casting of molten materials. 2,134,091; Oct. 25.
- Steckelberg, Anna L., Plymouth, Nebr., and J. Broadhurst, New York, N. Y. Increasing the viscosity of cream. 2,128,565; Aug. 30.
- Steckler, Arthur. (See Steckler, Samuel, assignor.)
- Steckler, Samuel, assignor to A. Steckler, White Plains, N. Y. Suspension gutter hanger. 2,109,556; Mar. 1.
- Steckler, Samuel, assignor to A. Steckler, White Plains, N. Y. Bracket gutter hanger. 2,132,587; Oct. 11.
- Stedman, Theodore W., assignor to Resilient Products Corporation, New York, N. Y. Tie plate arrangement for railroads. 2,110,894; Mar. 15.
- Stedronsky, Frank, Cicero, Ill. Collapsible vehicle runner. 2,137,860; Nov. 22.
- Stedwell, George W., Brooklyn, assignor to Keystone Controls, Inc., New York, N. Y. Liquid delivery apparatus. 2,104,597; Jan. 4.
- Steek, Samuel. (See Bleuel, W. H., and Steek.)
- Steel Engravers Appliance Corporation. (See Richardson, Elmer M., assignor.)
- Steel Heddle Manufacturing Company. (See Fehr, Harry W., assignor.)
- Steel Heddle Manufacturing Company. (See Kaufmann, Frank H., assignor.)
- Steel Heddle Manufacturing Company. (See Kaufmann, John J., assignor.)
- Steel Products Engineering Company, The. (See Scholl, Clark, assignor.)
- Steel Products Engineering Company, The. (See Walter, Joseph H., assignor.)
- Steel Sanitary Company, The. (See Rodman, Clarence J., assignor.)
- Steelsmiths, Inc. (See Morris, Walter A., assignor.)
- Steel Stamping Company, The. (See Bregman, Harry, assignor.)
- Steel & Tubes, Inc. (See Knerr, Horace C., assignor.)
- Steel & Tubes, Inc. (See Knerr, H. C., and Sharples, assignors.)
- Steel Wheel Corporation, The. (See Kilesrath, Victor W., assignor.)
- Steele, Alvin B., New York, N. Y. Door opening and closing mechanism. 2,136,061; Nov. 8.
- Steele, Charley, and C. Emanuel, Elm Creek, Nebr. Pump. 2,112,386; Mar. 29.
- Steele, Charles M., North Irwin, assignor to Irwin Foundry & Mine Car Company, Irwin, Pa. Mine car wheel and making the same. 2,110,455; Mar. 8.
- Steele, Edwin G. (See Sutton, H. M., and Steele.)
- Steele, Lawrence C., Union, W. Va. Liquid treatment of metal sheets. 2,139,337; Dec. 6.
- Steele, Lawrence C., Union, W. Va. Polisher for rolling mills. 2,140,860; Dec. 20.
- Steele, Walter R., La Mesa, Calif. Harmonica. 2,137,251; Nov. 22.
- Steen, George E., Walsh, Colo. Door lock. 2,118,481; May 24.
- Steen, Harford K., Newburgh, N. Y. Making handled shopping bags. 2,108,148; Feb. 15.
- Steengaard, Carl C., assignor of one-half to D. T. Smith, De Smet, S. Dak. Mechanical force feeder for food choppers and grinders. 2,111,463; Mar. 15.
- Steenstrup, Carl H., Schenectady, assignor to General Electric Company. Guide and stop for refrigerators. 2,120,539; Sept. 6.



- Steenstrup, Carl H., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,133,875; Oct. 18.
- Steenstrup, Carl H., Schenectady, N. Y., assignor to General Electric Company. Fluid muffler. 2,133,876; Oct. 18.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Evaporator for refrigerating machines. 2,117,861; May 17.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Air cooled condenser. 2,127,438; Aug. 16.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,128,859; Aug. 30.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Motor-compressor unit for a refrigerating machine. 2,130,862; Sept. 20.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerator evaporator and making same. 2,137,861; Nov. 22.
- Steere, Samuel A. (See Kochheiser, M. L., and Steere.)
- Stefan, Joseph A., Comstock, N. Y. Sinkers. 2,140,724; Dec. 20.
- Steffanson, Thord B. (See Glennon, Edward J., assignor.)
- Steffe, Hermann. (See Krus, A., and Steffee.)
- Steffen, Elmer G., Cleveland Heights, Ohio, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Gas cock. 2,108,299; Feb. 15.
- Steffens, Albert W., Pittsburg, Kans. Spring seat construction. 2,127,093; Aug. 16.
- Steffey, Grover C., assignor to Faber-Schneider Radiator Co., Chicago, Ill. Radiator. 2,112,792; Mar. 29.
- Steger, Werner H., Chicago, Ill. Artificial bait. 2,124,378; July 19.
- Steger, Werner H., Chicago, Ill. Hairpin holder. 2,140,251; Dec. 13.
- Stehman, Carlyle J., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of alkyl sulphates. 2,105,512; Jan. 18.
- Steiert, Alois F., Philadelphia, Pa. Intermittent movement for display devices. 2,116,127; May 3.
- Steigenberger, Friedrich, Ulm, Germany. Connection for straps, chains or the like. 2,124,276; July 19.
- Steiger, Norbert. (See Zerweck, W., Steiger, and Ritter.)
- Steigerwald, Christian. (See Koeberle, K., and Steigerwald.)
- Steigmann, Albert, Luxemburg-Ville, Luxemburg, assignor to Felix Sager & Dr. Gossler Gesellschaft mit beschränkter Haftung, Heidelberg, Germany. Preventing yellow stain in photographic preparations and regulation of the halogen content thereof. 2,105,274; Jan. 11.
- Steik, Karl T., Montclair, and S. C. Fulton, Elizabeth, N. J., assignors to Standard Oil Development Company. Emulsifying agent and preparing same. 2,126,054; Aug. 9.
- Steik, Karl T., and J. F. Muller, Upper Montclair, assignors to National Oil Products Company, Harrison, N. J. Germicidal agent. 2,139,102; Dec. 6.
- Steimel, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit arrangement for coupling electron tubes. 2,115,889; May 3.
- Steimel, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver tuning indication circuits. 2,114,154; Apr. 12.
- Stein, Berthold, Mannheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dvestuffs of the anthraquinone series. 2,111,011; Mar. 15.
- Stein, Charles F., La Grange, and A. C. Swanson, Chicago, Ill. Upright piano. 2,141,728; Dec. 27.
- Stein, Edward H., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,124,319; July 19.
- Stein, Frank E., Atchison, Kans., assignor to F. E. Stein, Los Angeles, Calif., and C. N. Brown, Richmond, Mo., in trust. Drying lumber. 2,113,714; Apr. 12.
- Stein, Fred A., Jersey City, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,117,225; May 10.
- Stein, Gustav A. (See Engels, W. H., and Stein.)
- Stein, Hall Manufacturing Company. (See Bauer, Hans F., assignor.)
- Stein, Hall & Company. (See Caesar, George V., assignor.)
- Stein, Hall Mfg. Co. (See Rowland, B. W., and Bauer, assignors.)
- Stein, Hall Manufacturing Company. (See Strasser, Jerome P., assignor.)
- Stein, Irving M., and J. C. Peters, Jr., assignors to Leeds & Northrup Company, Philadelphia, Pa. Control method and apparatus. 2,119,061; May 31.
- Stein, Jacob, New York, N. Y. Ornamental rubber material. 2,115,151; Apr. 26.
- Stein, Jacob, assignor to Publicker Inc., Philadelphia, Pa. Esterification process. 2,134,537; Oct. 25.
- Stein, Joseph A., Pittsburg, and H. F. Semrau, Rosedale, Pa., assignors to Bacharach Industrial Instrument Company. Pressure recording apparatus and method. 2,106,772; Feb. 1.
- Stein, Leonard. (See Rockmühl, M., and Stein.)
- Stein, Louis. (See Willien, L. J., and Stein.)
- Stein, Louis H., assignor to Aetna Ball Bearing Manufacturing Company, Chicago, Ill. Antifriction bearing. 2,140,818; Dec. 20.
- Stein, Otto. (See Bruson, H. A., and Stein.)
- Stein, Willi. (See Leitz, L., and Stein.)
- Steinbacher, Karl, Portsmouth, Ohio. Blast furnace and tuyère structure and method of operation. 2,124,437; July 19.
- Steinberg, John C. (See Snow, W. B., and Steinberg.)
- Steinberg, Julius, New York, N. Y. Laying-in elastic strand in the edge of a mesh fabric. 2,107,512; Feb. 8.
- Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Drapery clip. 2,113,953; Apr. 12.
- Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Wearing apparel. 2,121,836; June 28.
- Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Wearing apparel and making same. 2,126,832; Aug. 16.
- Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Reinforced textile material. 2,126,833; Aug. 16.
- Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Textile material. 2,126,834; Aug. 16.
- Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Textile article. 2,126,835; Aug. 16.
- Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Neckwear. 2,126,836; Aug. 16.
- Steinbiss, Carl H., assignor to M. Hauser, Milwaukee, Wis. Juice extractor. 2,119,972; June 7.
- Steinbrecker, Fred. (See Gorton, G., Henkes, and Steinbrecker.)
- Steinbring, Edward F. (See Hall, D. C., and Steinbring.)
- Steinbrunn, Gustav. (See Hopff, H., and Steinbrunn.)
- Steindorf, Robert T., assignor to Chain Belt Company, Milwaukee, Wis. Sedimentation apparatus. 2,136,400; Nov. 15.
- Steindorf, Robert T., and A. C. Lind, assignors to Chain Belt Company, Milwaukee, Wis. Scumming apparatus for liquids. 2,135,442; Nov. 1.
- Steindorf, Adolf, and C. Platz, Frankfurt-on-the-Main, and J. Rosenbach, Wiesbaden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Alkyl aromatic acetic acid and homologues thereof. 2,111,820; Mar. 22.
- Stienen, Ernest A., New York, N. Y. Dyeing, extracting, and drying various textiles, and the apparatus therefor. 2,137,632; Nov. 22.
- Steinen, William, South Orange, N. J. Frame and handle assembly. 2,136,643; Nov. 15.
- Steinen, William, South Orange, N. J. Dresser set utensil. 2,136,644; Nov. 15.
- Steinen, William, South Orange, N. J. Handle for dresser set utensils. 2,136,645; Nov. 15.
- Steinen, William, South Orange, N. J. Frame and handle construction for mirrors, brushes, and similar utensils. 2,136,646; Nov. 15.
- Steinen, William, South Orange, N. J. Handle and frame for dresser set utensils and the like. 2,139,564; Dec. 6.
- Steinen, William, South Orange, N. J. Frame and handle assembly for mirrors, brushes, and the like. 2,139,565; Dec. 6.
- Steiner Bros. Inc. (See Schubert, Julius, assignor.)
- Steiner, Eugen, Oradea, Rumania. Insole arch support. 2,105,381; Jan. 11.
- Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Paper towel dispensing apparatus. 2,111,375; Mar. 15.
- Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Unit dispensing device. 2,117,375; May 17.
- Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Paper towel dispensing apparatus. 2,118,627; May 24.
- Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Unit dispensing device. 2,125,754; Aug. 2.
- Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Antiaccidental ignition means for match packages. 2,139,388; Dec. 6.
- Steiner, Friedrich, Bern, Switzerland. Connecting means, particularly for double windows. 2,114,508; Apr. 19.
- Steiner, Hans, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Floating piston plant. 2,115,921; May 3.
- Steiner, Hans, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Floating piston internal combustion engine. 2,139,425; Dec. 6.
- Steiner, James C., Willard, Ohio. Oxygen tent. 2,111,874; Mar. 22.
- Steiner Sales Company. (See Birr, Rudolph G., assignor.)
- Steiner Sales Company. (See Birr, R. G., and Grunwald, assignors.)
- Steiner Sales Company. (See Chidsey, Charles A., Jr., assignor.)
- Steiner Sales Company. (See De Bersaques, Romain, assignor.)
- Steiner Sales Company. (See Grunwald, Albert C., assignor.)
- Steiner Sales Company. (See Steiner, Frank G., assignor.)



- Steiner, Waldo L. (See Lincoln, B. H., and Steiner.)  
Steiner, Waldo L. (See Lincoln, B. H., Steiner, and Henriksen.)  
Steiner, Waldo L., assignor to Continental Oil Company, Ponca City, Okla. Stabilized lubricating oil. 2,120,119; June 7.  
Steinfeld, Hans K., Aldan, Pa., assignor to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,121,837; June 28.  
Steinfeld, Hans K., H. L. Galson, and A. S. Locke, Philadelphia, Pa., assignors to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,105,205; Jan. 11.  
Steingrover, Friedrich-Arnold, and O. J. Boser, Dresden, assignors to Chemische Fabrik von Heyden, A. G., Radebeul, near Dresden, Germany. Stable preparations of aromatic compounds containing active halogen. 2,136,173; Nov. 8.  
Steinhart, Ferdinand, Kearny, N. J., assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Woven wire fabrics. 2,107,719; Feb. 8.  
Steinhart, Hermann. (See Baumgratz, E., Kratz, and Steinhart.)  
Steinhart, Joseph, New York, N. Y., assignor to Safety Stop Motion Co. Electric stop motion system for knitting machines. 2,131,600; Sept. 27.  
Steinhauer, William L., Birmingham, Ala., assignor to Continental Gin Company. Cotton conveying, cleaning, feeding, and drying apparatus. 2,137,512; Nov. 22.  
Steinhaus, Alfred, Dallas, Tex. Women's nether garment. 2,113,036; Apr. 5.  
Steinlein, Gustav, Mainberg near Schweinfurt, Germany. Two-stroke combustion engine. 2,119,121; May 31.  
Steinlein, Gustav, and L. Bruckmoser, Forsthaus, Mainberg, near Schweinfurt, Schweinfurt, Germany. Free-wheel brake hub driven by a motor mounted in the driving wheel. 2,138,619; Nov. 29.  
Steinman, Louis E., Cincinnati, Ohio. Signaling device for vehicles. 2,108,454; Feb. 15.  
Steinmann, Wilhelm, Berlin-Friedrichshagen, Germany. Apparatus for treating animal material. 2,118,421; May 24.  
Steinmayer, Alvin G. (See Schultz, W. O., and Steinmayer.)  
Steinmayer, Alvin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,113,632; Apr. 12.  
Steinmayer, Alvin G., and R. L. Smythe, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Street lighting fixture. 2,117,862; May 17.  
Steinmayer, Alvin G., Milwaukee, and R. L. Smythe, West Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Thermal transformer cut-out. 2,123,260; July 12.  
Steinmetz, Alfred A., Locust Valley, assignor to The Western Union Telegraph Company, New York, N. Y. Outlet molding. 2,117,773; May 17.  
Steinmetz, William F. (See Rothschild, S., and Steinmetz.)  
Steinmetz, William F., New York, and S. Rothschild, Brooklyn, N. Y. Safety razor. 2,115,792; May 3.  
Steinmiz, Sebastian, Scranton, Pa. Ash remover. 2,118,575; May 24.  
Steinmüller, Lebrecht, Gummersbach, Germany. Furnace grate. 2,108,394; Feb. 15.  
Steins, Carleton K., Wilmington, Del. Fume exhausting apparatus. 2,137,862; Nov. 22.  
Steinthal, Augustus, New York, N. Y. Sample holder. 2,120,818; June 14.  
Steinthal, Augustus, New York, N. Y. Sample holder. 2,120,819; June 14.  
Steinwand, Otto, assignor to Sussman, Wormser & Co., San Francisco, Calif. Fruit pitter. 2,133,588; Oct. 18.  
Steinway & Sons. (See Beck, Dunbar, assignor.)  
Steinway & Sons. (See Bilhuber, Paul H., assignor.)  
Steketee, Peter, Holland, Mich. Support for electrical fixtures and the like. 2,140,861; Dec. 20.  
Stelle, Lillian A., Eugene, Oreg. Toy. 2,110,853; May 10.  
Stelley, Harry A., Buffalo, N. Y. Apparatus for washing and grading sand and like materials. 2,105,101; Jan. 11.  
Stelljes, Fred D., East Orange, assignor to T. & L. Company Incorporated, Newark, N. J. Handle for luggage. 2,105,559; Jan. 18.  
Stellner, John A., Mansfield, S. Dak. End gate. 2,122,014; June 28.  
Stelzer, Benno, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Cigar shaping machine. 2,140,993; Dec. 13.  
Stelzer, Bertell, South Bend, Ind. Refrigerating and air-conditioning system in conjunction with internal combustion engine. 2,130,527; Nov. 15.  
Stelzer, Bertell, German Township, St. Joseph County, Ind. Vacuum pump. 2,130,528; Nov. 15.  
Stelzer, Franz H. B., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Apparatus for placing wrappers on the rolling apron of a cigar rolling device. 2,106,441; Jan. 25.  
Stemen, Fremont D., Linn Grove, Ind. Rodent and animal trap. 2,126,512; Aug. 9.  
Stemen, William R. (See Urbahn, O. M., and Stemen.)  
Stemman, Herman, Stevensville, Mont. Earthworking tool. 2,117,461; May 17.  
Stempel, Herman K., and S. L. Daugherty, assignors to W. A. Sheaffer Pen Company, Port Madison, Iowa. Fountain pen desk stand. 2,113,633; Apr. 12.  
Stenger, Charles A. (See Peters, F. F., and Stenger.)  
Stenger, Willebalde C., Chicago, Ill. Acoustical diaphragm. 2,124,834; July 26.  
Stenglein, Naomi W. (See McDonald, E. P., and Stenglein.)  
Stenstrom, Walfred J., Federal Dam, Minn. Fish lure. 2,129,245; Sept. 6.  
Stensvad, Ingolf M., Redwood Falls, Minn. Match equipped cigarette. 2,122,498; July 5.  
Stenwall, Alfred, Kewanee, Ill., assignor to Walworth Patents, Inc., Boston, Mass. Apparatus for and producing split wire rings. 2,128,437; Aug. 30.  
Stenzy, August F. P., assignor of thirty per cent to S. Ratajczak, Baltimore, Md. Torque and speed increasing gearing. 2,122,330; June 28.  
Stepan, Alfred C., Brenham, Tex. Paper mop. 2,137,958; Nov. 22.  
Stephano, Constantine S., Elkins Park, Pa. Adhesive applicator. 2,141,052; Dec. 20.  
Stephens-Adamson Mfg. Co. (See Sinden, Alfred D., assignor.)  
Stephens, Clarence L., New York, N. Y. Picture projecting device. 2,135,952; Nov. 8.  
Stephens, Charles U., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Dust cover construction. 2,110,561; Mar. 8.  
Stephens, Donald M., Winnipeg, Manitoba, Canada. Heat consumption meter. 2,109,757; Mar. 1.  
Stephens, Frederick L., St. Louis, Mo. Savings bank. 2,120,514; June 14.  
Stephens, Gordon A., Long Branch, Ontario, Canada, assignor to American Engineering Company, Philadelphia, Pa. Stoker. 2,135,682; Nov. 8.  
Stephens, John, assignor of one-half to R. E. Axelstrom, Chicago, Ill. Package. 2,132,448; Oct. 11.  
Stephens, Percy W., Chicago, Ill. Juice extractor. 2,111,997; Mar. 22.  
Stephens, Percy W., Chicago, Ill. Closure for pressure cookers. 2,133,060; Oct. 11.  
Stephenson, Hugh M., Fort Wayne, Ind., assignor to General Electric Company. Speed reduction phonograph drive. 2,113,456; Apr. 5.  
Stephenson, James R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,113,967; Apr. 12.  
Stephenson, Verne L., assignor to Snuggles Rug Company, Goshen, Ind. Child's garment. 2,139,865; Dec. 13.  
Stephenson, William B. (See Irsh, G. J., and Stephenson.)  
Steps, Robert A., Los Angeles, Calif. Automatic centrifugal apparatus. 2,105,059; Jan. 11.  
Steps, Robert A., Los Angeles, Calif. Centrifugal control apparatus. 2,130,864; Sept. 20.  
Sterba, Ernest J., Asbury Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio communicating system. 2,119,607; June 7.  
Sterba, Ernest J., Asbury Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna system. 2,140,145; Dec. 13.  
Sterba, Melvin J., Riverside, Ill., assignor, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Purification of titanium fluoride solutions. 2,121,992; June 28.  
Stere, Henry B. (See Derr, R. B., and Stere.)  
Sterilek Company, The. (See Teall, Oliver E., assignor.)  
Sterling, Bernard A., Chicago, Ill. Hair waving pad and method. 2,129,246; Sept. 6.  
Sterling, Bernard A., Chicago, Ill. Hair waving clamp. 2,132,764; Oct. 11.  
Sterling Corporation, The. (See Bowser, Percy L., assignor.)  
Sterling Corporation, The. (See Flammang, J., and Bowser, assignors.)  
Sterling Corporation, The. (See Flammang, J., Bowser, and Ernst, assignors.)  
Sterling Electric Motors, Inc. (See Johnson, Carl E., assignor.)  
Sterling Engineering Company. (See Berghoefer, Victor A., assignor.)  
Sterling Engineers, Inc. (See Stageberg, Sterling O., assignor.)  
Sterling Engraving Company. (See Groesbeck, Harry A., Jr., assignor.)  
Sterling Grinding Wheel Company, The. (See Ballash, Joseph L., assignor.)  
Sterling Grinding Wheel Company, The. (See Rossow, Walter D., assignor.)  
Sterling Products Company. (See Kehle, Ottmar A., assignor.)  
Sterling, Rufus T., San Antonio, assignor of thirty per cent to H. F. Hein, Bexar County, and twenty five per cent to G. W. Cox, Travis County, Tex. Vaccinator. 2,140,409; Dec. 13.  
Sterling, Scott, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Graph for locating the optical center of a multifocal lens. 2,133,589; Oct. 18.  
Stern Brown, Inc. (See Perry, Edward D., assignor.)  
Stern, Charles, Jersey City, assignor to Ardeo Manufacturing Company, Hoboken, N. J. Drifting valve for locomotives. 2,120,770; June 14.



- Stern, Eugen, Berlin, Germany. Foot arch support. 2,141,699; Dec. 27.
- Stern, Fred H., Mount Vernon, assignor to H. L. Burkitt, New York, N. Y. Beer cooling and dispensing system. 2,125,261; July 26.
- Stern, Georg, Neckargemund, and W. Hoess, Ludwigs-hafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of hydrocarbons. 2,104,956; Jan. 11.
- Stern, Lawrence, Woodmere, assignor to American Steel Wool Mfg. Co., Inc., New York, N. Y. Holder for cleaning pads or the like. 2,137,631; Nov. 22.
- Stern, Milton C., assignor to The Egly Register Company, Dayton, Ohio. Carbon holder. 2,119,301; May 31.
- Stern, Sander, New York, N. Y. Educational apparatus. 2,140,563; Dec. 20.
- Sternberg, Howard C., Akron, Ohio. Protector. 2,122,627; July 5.
- Sternberg, Theodore A., Newark, N. J., assignor to Radio Corporation of America. Mount for electron discharge devices. 2,113,952; Apr. 12.
- Sternberg, Theodore A., Lyndhurst, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Mount for electron discharge devices. 2,116,224; May 3.
- Sternberger, Sidney J. (See Rabensdorf, Alice M., assignor.)
- Sterner, Herbert E., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Method of flame machining. 2,125,180; July 26.
- Sterns, Jeno, New York, N. Y., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Interlocked gypsum lumber. 2,115,936; May 3.
- Sterrett, Glenn, Indiana, Pa. Folding towel rack. 2,126,513; Aug. 9.
- Stetson, George W., Hingham, Mass. Liquid level regulator. 2,121,891; June 28.
- Stetson, John B., Company. (See Richards, Frank G., assignor.)
- Stettner, Meyer. (See Moll, Lloyd A., assignor.)
- Steuart, Arthur B., Baltimore, Md. Rotary projector. 2,127,274; Aug. 16.
- Steuart, Douglas S. Spens, Regents Park, London, England. Telephone instrument. 2,131,529; Sept. 27.
- Studel, Hans, and H. Wiechell, assignors to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Aluminum alloy. 2,118,686; May 24.
- Studel, Hans, and H. Wiechell, assignors to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Light metal alloy. 2,137,639; Nov. 22.
- Steuer, Otto A., Los Angeles, assignor to O. H. Kruger, San Marino, Calif. Tile. 2,105,895; Jan. 18.
- Steven, George. (See Feldbush, H. A., and Steven.)
- Stevens, Bertram A. (See Corral, H., and Stevens.)
- Stevens, Brooks, Jr., Concord, Mass. Manufacturing commutators. 2,104,141; Jan. 4.
- Stevens, Burt D., Chicago, E. F. Dudley, Oak Park, Ill., and E. A. Verrinder, Redlands, Calif., assignors to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Printing press mechanism. 2,129,972; Sept. 13.
- Stevens, C. Whitney, et al. (See Stevens, Charles D., assignor.)
- Stevens, Charles D., assignor to W. E. Rutledge, trustee, for C. W. Stevens, A. C. Herbert, and W. E. Rutledge, Chicago, Ill. Soundproof building construction. 2,115,238; Apr. 26.
- Stevens, Charles W., Columbus, Ohio. Stopcock. 2,109,654; Mar. 1.
- Stevens, Claud L., Detroit, Mich. Wheel suspension. 2,139,178; Dec. 6.
- Stevens, Clifford E., Glen Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electroacoustic device. 2,105,934; Jan. 18.
- Stevens, Corwin W., Los Angeles, Calif. Advertising device. 2,133,155; Oct. 11.
- Stevens, Dillon, et al. (See Stevens, R. L., and Dallas, assignors.)
- Stevens, Donald R., Swissvale, and W. A. Gruse, Wilkinsburg, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Polymerization of olefines. 2,135,117; Nov. 1.
- Stevens, Frank J., Providence, assignor to Cranston Print Works Company, Cranston, N. J. Bow straightening apparatus. 2,137,252; Nov. 22.
- Stevens, George E. (See Prive, Alfred A., assignor.)
- Stevens, Harry, Oakland, Calif., assignor, by mesne assignments, to Pacific Manifold Book Company, Inc. Manifold packet. 2,120,159; June 7.
- Stevens, Harry, Oakland, Calif., assignor, by mesne assignments, to Pacific Manifold Book Company, Inc. Manifold packet. 2,120,160; June 7.
- Stevens, Harry, Oakland, Calif., assignor, by mesne assignments, to Pacific Manifold Book Company, Inc. Unitary manifold assembly. 2,120,161; June 7.
- Stevens, Harry, Oakland, Calif., assignor, by mesne assignments, to Pacific Manifold Book Company, Inc. Manifold assembly. 2,120,162; June 7.
- Stevens, Harry, Oakland, Calif., assignor, by mesne assignments, to Pacific Manifold Book Company, Inc. Manifold device. 2,120,163; June 7.
- Stevens, Henry P., and J. W. W. Dyer, London Bridge, assignors, by mesne assignments, to The British Rubber Producers Research Association, London, England. Apparatus for purifying rubber latex and like dispersions. 2,127,791; Aug. 23.
- Stevens, Henry P., and F. J. W. Popham, London Bridge, assignors, by mesne assignments, to The British Rubber Producers' Research Association, London, England. Oxidation products of rubber. 2,132,809; Oct. 11.
- Stevens, Herbert H., Jr., Lynn, Mass. Slidable partition. 2,121,106; June 21.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Buffing method and apparatus. 2,106,442; Jan. 25.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cutter. 2,132,835; Oct. 11.
- Stevens, Horace D., and R. W. Allen, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building form. 2,132,834; Oct. 11.
- Stevens, Paul S., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Leveling device. 2,128,273; Aug. 30.
- Stevens, Perry H., et al. (See Jost, Peter, assignor.)
- Stevens, Perry H., et al. (See Killian, E. S., and Povlacs, assignors.)
- Stevens, Richard M., Sr., Southfields, assignor to Frank A. Hall & Sons, New York, N. Y. Bed attachment. 2,136,088; Nov. 8.
- Stevens, Robert C., Beverly Hills, assignor to Fox Film Corporation, Los Angeles, Calif. Focusing device for motion picture cameras. 2,104,936; Jan. 11.
- Stevens, Robert C., Long Beach, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Spool spindle for film magazines. 2,116,735; May 10.
- Stevens, Robert L., and J. P. Dallas, Seattle, Wash., assignors of one-half to D. Stevens and one-half to M. B. Pendleton, Los Angeles, Calif. Apparatus for electrically testing materials. 2,123,812; July 12.
- Stevens, Roy, Detroit, assignor of one-third to E. E. McGuire, Royal Oak, and one-third to H. C. Cuddeback, Detroit, Mich. Pump or compressor. 2,117,521; May 17.
- Stevens, Roy R. (See Stewart, C. D., and Stevens.)
- Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Trip controlled brake. 2,121,552; June 21.
- Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control switch for automatic couplers. 2,132,977; Oct. 11.
- Stevens, William, West Roxbury, assignor to Fullvision Outdoor Advertising Corporation, Boston, Mass. Full vision outdoor advertising structure. 2,116,128; May 3.
- Stevens, William G., Jr., Sykesville, Md. Elevating and lowering planter runners. 2,128,860; Aug. 30.
- Stevens, William R., Laurel, Md. Dispensing closure for containers. 2,130,975; Sept. 20.
- Stevenson, Francis M. (See Rosenbaum, David, assignor.)
- Stevenson, Henry I., Portland, Oreg. Tear gas device. 2,136,647; Nov. 15.
- Stevenson, John S., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Separation of sodium carbonate. 2,135,605; Nov. 8.
- Stevenson, John T., Hendon, London, England. Identification device for keys. 2,138,309; Nov. 29.
- Stevenson, Mary E., executrix. (See Stevenson, T., and Goby.)
- Stevenson, Ralph A., Palo Alto, assignor to Great Western Electro-Chemical Co., San Francisco, Calif. Treating sewage. 2,120,634; June 14.
- Stevenson, Ralph A., San Marino, Calif. Sewage treatment process. 2,122,074; June 28.
- Stevenson, Robert, Providence, R. I., assignor to Mechanical Holding Corporation. Loom temple. 2,112,867; Apr. 5.
- Stevenson, Robert, West Barrington, assignor to Mechanical Holding Corporation, Providence, R. I. Thread shear. 2,131,788; Oct. 4.
- Stevenson, Robert E. (See Weesner, Walker J., assignor.)
- Stevenson, Robert E., Indianapolis, Ind. Snow plow. 2,114,641; Apr. 19.
- Stevenson, Robert E., Indianapolis, Ind. Stoker. 2,125,054; July 26.
- Stevenson, Robert W., Columbus, Ohio., assignor to The Jeffrey Manufacturing Company. Reducing apparatus. 2,105,759; Jan. 18.
- Stevenson, Thomas, and E. R. Rechel, Philadelphia, Pa. Tracer ammunition and to an igniter mixture for tracer compositions. 2,115,047; Apr. 26.
- Stevenson, Thomas, deceased, Lakewood, and C. S. Goby, Cleveland, Ohio; M. E. Stevenson, executrix. Valve control and reversing mechanism. 2,117,109; May 10.
- Stevensen, Thorvald M., Vancouver, Wash. Bottle carrier. 2,133,877; Oct. 18.
- Steward, John W., et al. (See Griffin, George, assignor.)
- Stewart, Alexander, Roselle, N. J., assignor to National Lead Company, New York, N. Y. Alkali solution of lead. 2,110,745; Mar. 8.
- Stewart, Andrew H., Shields, Pa. Tile-mounting structure. 2,135,118; Nov. 1.
- Stewart, Andrew H., Shields, assignor to The Phoenix Glass Company, Monaca, Pa. Coated glassware. 2,119,608; June 7.



- Stewart Bros. (See Bailey, Charles W., assignor.)  
 Stewart Bros. (See Bailey, C. W., and Scharffenberg, assignors.)  
 Stewart, Carlton D., Swissvale, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,132,978; Oct. 11.  
 Stewart, Carlton D., Swissvale, Pa., and J. B. Hull, Berkeley, Calif., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,118,422; May 24.  
 Stewart, Carlton D., Swissvale, and R. R. Stevens, Forest Hills, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Reservoir release valve device. 2,121,553; June 21.  
 Stewart, Charles P. (See Tretheway, Frederick C., assignor.)  
 Stewart, Charles S., Milwaukee, Wis. Plow. 2,125,036; July 26.  
 Stewart, Christopher D., assignor to E. S. and C. D. Stewart, Ottawa, Ill. Ground testing instrument. 2,118,905; May 31.  
 Stewart, Clyde E., Upper Darby, Pa., assignor to General Electric Company. Control system. 2,132,277; Oct. 4.  
 Stewart, Clyde E., Upper Darby, Pa., assignor to General Electric Company. Telemetering system and apparatus. 2,138,668; Nov. 29.  
 Stewart, Clyde E., Upper Darby, and L. D. White, Lansdowne, Pa., assignors to General Electric Company. Supervisory control system. 2,135,295; Nov. 1.  
 Stewart, David H., Los Angeles, Calif., assignor to S. Johnston, Pittsburgh, Pa. Sound operated dice machine. 2,121,838; June 28.  
 Stewart, Edward S. (See Stewart, Christopher D., assignor.)  
 Stewart, Edward E., deceased, Wichita Falls, Tex., by Universal Oil Products Company, assignee, Chicago, Ill. Treating hydrocarbons. Re. 20,740; May 24.  
 Stewart, Edwin, Philadelphia, Pa. Electric switch. 2,106,666; Jan. 25.  
 Stewart, Frederick C., Glasgow, Scotland. Ventilator cowl. 2,111,906; Mar. 22.  
 Stewart, George C. (See Brightman, P., and Stewart.)  
 Stewart, George F., Scotia, N. Y. Hose handling and storing apparatus. 2,135,736; Nov. 8.  
 Stewart, George H., Akron, and B. A. Evans, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Elastic wall member. 2,126,837; Aug. 16.  
 Stewart, Howard J. (See Martz, Joseph A., assignor.)  
 Stewart, James J., and B. Thomas, Gordonvale, Queensland, Australia. Power propelled cultivator. 2,115,220; Apr. 26.  
 Stewart, Joseph, Elmhurst, N. Y. Apparatus for deodorizing vegetable oils. 2,136,029; Nov. 8.  
 Stewart, Joseph, Elmhurst, N. Y. Apparatus for heating vegetable oils. 2,141,941; Dec. 27.  
 Stewart, Marvin, Ashland, Ky. Brake. 2,105,867; Jan. 18.  
 Stewart, Marvin, Ashland, Ky. Ejector fuse plug. 2,129,309; Sept. 6.  
 Stewart & McGuire, Inc. (See Hoban, Fairfield W., assignor.)  
 Stewart, Milford D. (See McCormick, E., Stewart, and Worthington.)  
 Stewart, Olius J., Lexington, Ky. Frosted glass and making same. 2,111,576; Mar. 22.  
 Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Pry-off cap and container. 2,109,805; Mar. 1.  
 Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Mixing apparatus. 2,117,226; May 10.  
 Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling apparatus. 2,127,892; Aug. 23.  
 Stewart, Robert W., Apalachicola, Fla. Guide setting mechanism. 2,118,743; May 24.  
 Stewart, Rollen F., et al. (See Cornwell, Leroy, assignor.)  
 Stewart, Ross T., assignor to Geo. H. Spengler Co., Rockford, Ill. Clutch and operating mechanism therefor. 2,122,594; July 5.  
 Stewart, Spencer W., New York, N. Y., and C. V. Davis, Cranford, N. J., assignors, by mesne assignments, to Ambursen Dam Company, Inc., New York, N. Y. Building a dam. 2,133,256; Oct. 11.  
 Stewart, Theodore D., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring cushion structure. 2,117,748; May 17.  
 Stewart-Warner Corporation. (See Butler, Clyde G., assignor.)  
 Stewart-Warner Corporation. (See Bystrieky, Joseph, assignor.)  
 Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)  
 Stewart-Warner Corporation. (See D'Olive, Charles R., assignor.)  
 Stewart-Warner Corporation. (See Eisenman, Arthur A., assignor.)  
 Stewart-Warner Corporation. (See Le Fevre, Arden W., assignor.)  
 Stewart-Warner Corporation. (See Le Fevre, A. W., and Paul, assignors.)  
 Stewart-Warner Corporation. (See Paul, Thorolf, assignor.)  
 Stewart-Warner Corporation. (See Schulze, Edwin H., assignor.)  
 Stewart-Warner Corporation. (See Schweisthal, F. G., and Hansen, assignors.)  
 Stewart-Warner Corporation. (See Whitted, John B., assignor.)  
 Stewart, William. (See Forsythe, J. W., and Stewart.)  
 Stewart, William L., Cleveland, Ohio. Refrigerated display stand. 2,115,048; Apr. 26.  
 Stewarts and Lloyds Limited. (See Bell, William C., assignor.)  
 Steyr-Daimler-Puch, A. G. (See Englisch, E., and Richter, assignors.)  
 Steyr-Werke A. G. (See Englisch, Ernst, assignor and Richter.)  
 Stickdorn, Kurt. (See Schrauth, W., and Stickdorn.)  
 Stickle, Frederick A., assignor to Stickle Steam Specialties Company, Indianapolis, Ind. Automatic steam control for paper machines. 2,120,079; June 7.  
 Stickle Steam Specialties Company. (See Stickle, Frederick A., assignor.)  
 Stickle, Howard E., Toledo, Ohio. Traction control. 2,140,606; Dec. 20.  
 Stickless Corporation, The. (See Lichter, Malvin, assignor.)  
 Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,108,832; Feb. 22.  
 Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,111,410; Mar. 15.  
 Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,112,794; Mar. 29.  
 Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,131,152; Sept. 27.  
 Stickney, Fernald S., Verona, and D. A. Young, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,130,863; Sept. 20.  
 Stidham, Ted, Pound, Va. Carburetor. 2,120,342; June 14.  
 Stieber, Wilhelm G. O., Munich, Germany. Bearing. 2,140,435; Dec. 13.  
 Stief, Karl, and R. K. Evans, Russelsheim-on-the-Main, Germany, assignors to General Motors Corporation, Detroit, Mich. Automobile body. 2,108,215; Feb. 15.  
 Stieg, Fred B., New York, N. Y., assignor to Rayonier Incorporated, San Francisco, Calif. Nitrating cellulose by pretreatment of the cellulose. 2,131,764; Oct. 4.  
 Stiehl, Carl E., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Power shovel. 2,140,460; Dec. 13.  
 Stienen, Ernest A., New York, N. Y. Dyeing apparatus. 2,118,951; May 31.  
 Stiennon, Louis, deceased, New Haven, by R. L. Parsell, Pine Orchard, administrator, assignor to Winchester Repeating Arms Company, New Haven, Conn. Multiple-barrel firearm. 2,106,416; Jan. 25.  
 Stiff, Edward, St. Louis, Mo. Brake mechanism. 2,105,500; Jan. 18.  
 Stigall, William H., Taft, Calif. Tubing bleeder and jar. 2,139,319; Dec. 6.  
 Stigler, David, et al. (See Stout, John N., assignor.)  
 Stiles, Harry L., Bridgeport, Conn., assignor to General Electric Company. Toaster. 2,123,067; July 5.  
 Stiles, Hugh R. (See Legg, D. A., and Stiles.)  
 Stiles, Noel R., Billingshurst, England. Construction of handles. 2,123,813; July 12.  
 Stiles, Percy E., Beloit, Wis. Wall case. 2,119,609; June 7.  
 Stiles, Thomas G., Arlington, N. J. Circuit switch. 2,124,379; July 19.  
 Still, Carl, Recklinghausen, Germany. Furnace charging device. 2,121,133; June 21.  
 Still, Carl, Recklinghausen, Germany. Apparatus for charging and compressing loosely charged coal within oven chambers. 2,128,438; Aug. 30.  
 Stillman, Thomas B., South Orange, assignor to The Babcock & Wilcox Company, Newark, N. J. Superheater boiler. 2,124,215; July 19.  
 Stillschweig, Sigismund, Berlin, Germany. Separable fastener. 2,120,924; June 14.  
 Stillwell, Albert L. (See Anderson, F. B., Mallinckrodt, and Stillwell.)  
 Stillwell, Albert L., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,131,393; Sept. 27.  
 Stillwell, Charles W., assignor to Dennison Manufacturing Company, Framingham, Mass. Decalcomania transfer. 2,115,845; Apr. 26.  
 Stilson, Herbert A., assignor to McGill Metal Products Company, Chicago, Ill. Blade holder. 2,141,565; Dec. 27.  
 Stimmel, Byron A., K. D. McEann, and G. Cuckshank, Trail, British Columbia, assignors to The Consolidated Mining & Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Apparatus for the burning of mineral sulphides in gaseous suspension. 2,120,474; June 14.



- Stimmel, Byron A., K. D. McBean, and G. Cruickshank, Trail, British Columbia, assignors to The Consolidated Mining & Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Apparatus for the burning of mineral sulphides in gaseous suspension-heat control. 2,120,475; June 14.
- Stimmel, Samuel. (See Liskin, J., and Stimmel.)
- Stimmel, Stanton C. (See Warren, William W., assignor.)
- Stimpson, Edwin B., Company. (See Gualtiere, Julius, assignor.)
- Stimson, Jonathan C., Chicago, Ill. Luminous display or reflector sign. Re. 20,640; Jan. 25.
- Stine, Paul J., Sanford, Fla. Clamp truck. 2,109,305; Feb. 22.
- Stiner, Edgar F., New York, N. Y. Lace fringe and manufacturing the same. 2,138,431; Nov. 29.
- Stiner, Edgar F., New York, N. Y. Lace curtain and manufacturing the same. 2,138,432; Nov. 29.
- Stiner, George F., Victor, Colo. Gasoline meter for internal combustion engines. 2,121,892; June 28.
- Stinnes, Hanns H., and N. Lebedenko, Berlin, Germany. Swash plate drive system and the like. 2,112,934; Apr. 5.
- Stinson, Floyd E., Euclid, assignor to The Bettcher Manufacturing Company, Cleveland, Ohio. Venetian blind valance. 2,115,935; May 3.
- Stinson, John M. (See Chandler, William W., assignor.)
- Stinson, Oliver, assignor to The Robbins Incubator Company, Edgewater, Colo. Door latch. 2,128,439; Aug. 30.
- Stirn, Charles, Chicago, Ill. Cooking utensil. 2,125,741; Aug. 2.
- Stirn, Lewis O., Woodlawn, assignor of one-fourth to E. Gathmann, and one-fourth to H. M. Ramey, Baltimore, Md. Apparatus for the recovery of precious metals such as gold. 2,132,195; Oct. 4.
- Stitt, Claude M., Antioch, assignor to Fibreboard Products, Inc., San Francisco, Calif. Box making machine. 2,105,620; Jan. 18.
- Stitt, Henry J., New York, N. Y. Game. 2,106,128; Jan. 18.
- Stitzer, Ralph B., Sheffield, Ala. Electrical carbonization of coal. 2,127,542; Aug. 23.
- Stoate, Norman P., London, England. Apparatus for detecting the presence of foreign bodies in or on transparent vessels. 2,137,187; Nov. 15.
- Stobb, Anton, Long Island City, assignor to R. Hoe & Co., Inc., New York, N. Y. Dampening device for printing machines. 2,125,206; July 26.
- Stobe, Robert. (See von Gruber-Rehenburg, R., and Stobe.)
- Stober, Albert, Berlin-Pankow, Germany. Clip for the adjustable attachment of partitions in showcases and the like. 2,108,950; Feb. 22.
- Stober, Hans. (See Bertsch, H., and Stober.)
- Stöber, Wolfgang, Berlin-Pankow, Germany, assignor to General Electric Company. Control of alternating-current commutator motors. 2,108,620; Feb. 15.
- Stobie, Victor, Harrogate, England. Making metal foundry sand molds. 2,122,825; July 5.
- Stock, F. W., & Sons, Inc. (See Tubbs, George E., assignor.)
- Stock, Hubert A., and A. J. Wilmot, Peterborough, England. Adjustable support for electric lamps. 2,116,050; May 3.
- Stock, Thomas D., et al. (See Tabley, George L., assignor.)
- Stockdale, Stephen W., Hammond, Ind., and E. F. Weaver and S. P. Tinnes, Calumet City, Ill., assignors to Anaconda Lead Products Company. Manufacture of lead borate. 2,104,549; Jan. 4.
- Stockdale, Thomas E., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Storage tank. 2,108,784; Feb. 15.
- Stockerbach, Frits E., Montclair, N. J. Ultraviolet light filter composition. 2,128,334; Aug. 30.
- Stockerbach, Frits E., Montclair, N. J. Alkyl substituted pyrogallol. 2,137,815; Nov. 22.
- Stocker, Arthur C., Haddon Heights, N. J., assignor to Radio Corporation of America. Deflecting circuit. 2,110,245; Mar. 8.
- Stocker, Arthur C., Haddon Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Switching device. 2,122,499; July 5.
- Stocker, Arthur C., Haddon Heights, N. J., assignor to Radio Corporation of America. Low frequency tone control system. 2,137,633; Nov. 22.
- Stocker, Glee R., St. Louis, Mo. Screen stenciling composition. 2,136,985; Nov. 15.
- Stocker, John, Muscatine, Iowa. Clutch mechanism for automotive vehicle. 2,104,312; Jan. 4.
- Stockett, James M. (See Fisher, Chester F., assignor.)
- Stocking, Charles H., et al. (See Robinson, Walter J., assignor.)
- Stocking, Charles H., Ann Arbor, Mich. Precooking food products. 2,135,646; Nov. 8.
- Stockman, Lester P. (See Boyer, Tanner E., assignor.)
- Stockmar, Otto, Hanover, assignor to Vereinigte Leichtmetallwerke G. m. b. H., Hanover-Linden, Germany. Coated aluminum product. 2,106,259; Jan. 25.
- Stockmeyer, Friedrich W. (See Fiedler, K., Hegwein, Merten, and Stockmeyer.)
- Stockmeyer, Friedrich W. (See Meyer, A., Hurst, and Stockmeyer, assignors.)
- Stocks, Christopher R., Sacramento, Calif. Cord reel for stand lamps. 2,121,993; June 28.
- Stockstrom, Arthur, assignor to American Stove Company, St. Louis, Mo. Gas range. 2,117,227; May 10.
- Stockstrom, Arthur, and G. P. Eichelsbach, Jr., assignors to American Stove Company, St. Louis, Mo. Range. 2,141,831; Dec. 27.
- Stockstrom, Carl, St. Louis, Mo. Tube forming machine. 2,112,720; Mar. 29.
- Stockton Box Company. (See Goff, H. J., and Setzer, assignors.)
- Stockton, Jack P., Spring Lake, N. J. Bridge playing device. 2,127,622; Aug. 23.
- Stockwell, Alexander M. (See Wilcox, E. M., and Stockwell.)
- Stockwell, Charles A. and J. C., Pittsburgh, Pa. Clothes-line reel. 2,132,548; Oct. 11.
- Stockwell, Dalton, Philadelphia, Pa. Tube holder. 2,110,824; Mar. 8.
- Stockwell, John C. (See Stockwell, Charles A. and J. C.)
- Stoddard, Alexander D., Philipsburg, Mont. Artificial fly. 2,112,180; Mar. 22.
- Stoddard, Nicholas, Durham, N. C. Textile machine. 2,125,823; Aug. 2.
- Stoddard, Ralph N., Pittsburgh, and E. H. Vedder, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 2,134,538; Oct. 25.
- Stoddard, William B., and J. Berlin, New York, N. Y. Stabilized soluble stannite depilatory. 2,123,214; July 12.
- Stoekly, Johann J., Teltow-Seehof, Germany, assignor to North American Rayon Corporation, New York, N. Y. Clarifier. 2,120,515; June 14.
- Stoekly, Johann J., Teltow-Seehof, and E. Witte, Berlin-Lichterfelde Ost, Germany, assignors to North American Rayon Corporation, New York, N. Y. Forming artificial silk, etc., of mat appearance. Re. 20,953; Dec. 20.
- Stoehr, Hans, Philadelphia, Pa. Jacquard loom. 2,136,328; Nov. 8.
- Stoekle, Erwin R., assignor to Globe-Union Inc., Milwaukee, Wis. Adjustable friction torque transmitting means for electrical controls. 2,132,765; Oct. 11.
- Stoelting Brothers Company. (See Stoelting, Carl R., assignor.)
- Stoelting, Carl R., assignor to Stoelting Brothers Company, Kiel, Wis. Curd agitator. 2,139,338; Dec. 6.
- Stoesser, Sylvia M., and F. N. Alquist, assignors to The Dow Chemical Company, Midland, Mich. Inhibitor for chlorinated solvents. 2,111,253; Mar. 15.
- Stoesser, Wesley C., assignor to The Dow Chemical Company, Midland, Mich. Iodo-phenylphenols. 2,131,258; Sept. 27.
- Stoesser, Wesley C., assignor to The Dow Chemical Company, Midland, Mich. Preparation of pentachlorophenol. 2,131,259; Sept. 27.
- Stoffregen, Herman C. (See Duntze, George D., assignor.)
- Stoiber, Joseph. (See Lyman, D. F., and Stoiber.)
- Stokely, Grace MacD., executrix. (See Bowne, L. J., Lamberty, and Stokely.)
- Stokely, Grace M., executrix. (See Stokely, Ray L.)
- Stokely, Ray L. (See Bowne, L. J., Lamberty, and Stokely.)
- Stokely, Ray L., deceased, by G. M. Stokely, executrix, Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,120,419; June 14.
- Stokely, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,139,247; Dec. 6.
- Stoker, Paul P., Winkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,129,310; Sept. 6.
- Stoker, Robert. (See McElhaney, J. R., and Stoker.)
- Stokes, Charles L. (See Draper, W. V., and Young, assignors.)
- Stokes, F. J., Machine Company. (See Westin, Charles J., assignor.)
- Stokes, George, assignor of one-half to C. H. Adams, Long Beach, Calif. Time switch mechanism. 2,119,933; June 7.
- Stokes, John C. (See Fermier, G. F., and Stokes.)
- Stokes, John C., Houston, Tex. Hydraulic counterbalance for drill pipes. 2,112,254; Mar. 29.
- Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Core-taking apparatus. 2,134,988; Nov. 1.
- Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Core drill. 2,135,737; Nov. 8.
- Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Summerdale, Pa. Forming boxes. 2,111,157; Mar. 15.
- Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Summerdale, Pa. Box forming and wrapping system. 2,111,700; Mar. 22.
- Stokes, Rupert O., and J. C. Allan, London, England. Apparatus for separation of minerals. 2,119,185; May 31.
- Stokes, William W., assignor to Washington Chocolate Company, Seattle, Wash. Production of caramel coatings and the like. 2,122,016; June 28.
- Stokes and Smith Company. (See Bailey, Walter T., assignor.)



- Stokes and Smith Company. (See Bleam, Edgar W., assignor.)
- Stokes & Smith Co. (Durite Plastics Division). (See Novotny, Emil E., assignor.)
- Stokes and Smith Company. (See Rider, Ernest G., assignor.)
- Stokes and Smith Company. (See Stokes, John S., assignor.)
- Stokiss, Edmond L., Paris, France. Apparatus for integral carburetion for motors. 2,127,238; Aug. 16.
- Stoll, Albert, assignor to National Machine Products Company, Detroit, Mich. Valve seat. 2,112,232; Mar. 29.
- Stoll, Albert, assignor to C. L. Brackett, Detroit, Mich. Lock nut. 2,130,827; Sept. 20.
- Stoll, Arthur, and E. Burchhardt, assignors to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of water-soluble calcium compounds. 2,134,456; Oct. 25.
- Stoll, Carl W., assignor to Smith-Johnson Corporation, Los Angeles, Calif. Grease gun. 2,114,509; Apr. 19.
- Stolberg, Walter C., Quincy, Ill. Heater. 2,131,334; Sept. 27.
- Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Strip feeding mechanism. 2,116,586; May 10.
- Stolp, Oscar, Brooklyn, N. Y. Filing device. 2,116,369; May 3.
- Stolpestad, Clifford T. (See Hines, H. E., and Stolpestad.)
- Stolte, Charles L., and P. Brong, Portland, Oreg. Angle hand piece. 2,138,945; Dec. 6.
- Stoltz, Carl F., Cincinnati, Ohio; R. A. Stoltz, owner by decree of court, assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,115,511; Apr. 26.
- Stoltz, Charles E., assignor to Mancha Storage Battery Locomotive Company, Chicago, Ill. Mechanical shoveling machine. 2,104,575; Jan. 4.
- Stoltz, Charles E., assignor, by mesne assignments, to Goodman Manufacturing Company, Chicago, Ill. Mechanical shoveling device. 2,132,660; Oct. 11.
- Stoltz, Rhueella A. (See Stoltz, Carl F.)
- Stompe, Albert W., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Package for sheet material. 2,115,673; Apr. 26.
- Stone, Albert L. (See Stone, Frederick and A. L.)
- Stone, Albert L., Palos Verdes Estates, assignor to Hydril Company, Los Angeles, Calif. Back pressure plug valve. 2,139,983; Dec. 13.
- Stone, Arthur O. (See Karlak, P., and Stone.)
- Stone, Blair H., El Reno, Okla. Throttling calorimeter. 2,120,874; June 14.
- Stone, Clarence B., Saginaw, Minn. Carbon holder. 2,133,407; Oct. 18.
- Stone, Elmer B., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,137,967; Nov. 22.
- Stone, Fred C., Corvallis, Oreg. Trap nest. 2,121,107; June 21.
- Stone, Frederick, Los Angeles, and A. L. Stone, Redondo Beach, assignors to Hydril Company, Los Angeles, Calif. Packing head. 2,124,015; July 19.
- Stone, Frederick, Los Angeles, and A. L. Stone, Redondo Beach, assignors to Hydril Company, Los Angeles, Calif. Well drilling equipment. 2,126,933; Aug. 16.
- Stone, Harvey F. (See Stone, Henry D., assignor.)
- Stone, Henry D., Entiat, Wash., assignor of one-half to H. F. Stone, The Dalles, Oreg. Harvesting device. 2,130,976; Sept. 20.
- Stone, Herbert G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing cellulose esters. 2,136,030; Nov. 8.
- Stone, Herbert G., Kingsport, Tenn., and C. J. Malm, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Rendering a textile material resistant to moisture. 2,108,455; Feb. 15.
- Stone, Herman J., Brockton, Mass. Self-locking nail. 2,126,585; Aug. 9.
- Stone, J., & Company Limited. (See Tucker, Joseph F., assignor.)
- Stone, John M., Geneva, Ill., assignor to Zenith Radio Corporation. Loud speaker. 2,123,442; July 12.
- Stone, John R. (See Copeland, L. C., and Stone.)
- Stone, Joseph C., Kokomo, Ind. Posture measuring device. 2,111,648; Mar. 22.
- Stone, Morris D., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Apparatus for welding and flash trimmings. 2,120,316; June 14.
- Stone, Morris J., assignor to Barkley-Grow Aircraft Corporation, Detroit, Mich. Propeller construction. 2,117,688; May 17.
- Stone, Obed W., St. Louis, Mo. Vending machine. 2,136,089; Nov. 8.
- Stone, Porter E., Detroit, Mich. Rear view mirror. 2,119,654; June 7.
- Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Radio shielding spark plug connection. 2,114,750; Apr. 10.
- Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Radio shielding of engine ignition. 2,123,162; July 5.
- Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Leak check for hydraulic brakes. 2,127,840; Aug. 23.
- Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Making corrugated flexible tubes. 2,127,943; Aug. 23.
- Stone, R. Harry, Bound Brook, and E. F. Tilley, Dunellen, N. J., assignors to Titeflex Metal Hose Co. Finned tube. 2,118,060; May 24.
- Stone, Morris D., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Metal treatment. 2,134,319; Oct. 25.
- Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Tube coupling. 2,132,326; Oct. 4.
- Stone, Robert L. (See Thompson, L., and Stone.)
- Stone, Roy, International Falls, and H. Jackson, Holler, Minn. Automobile signal. 2,124,016; July 19.
- Stone, S. H., et al. (See Williams, Colman J., assignor.)
- Stone, Walter F. (See Pennell, L. P., Stone, and Naylor.)
- Stone, Walter I., Worcester, assignor of one-half to J. J. Adams, Shrewsbury, Mass. Machine for cutting sheet material. 2,131,153; Sept. 27.
- Stoneback, Samuel A., Philadelphia, Pa. Air change means for window glass insulation systems. 2,117,581; May 17.
- Stonebraker, Harold E., Rochester, N. Y. Card shuffling machine. 2,137,513; Nov. 22.
- Stonebraker, Lyndon G., Brooklyn, assignor to Liquilock, Inc., New York, N. Y. Tamperproof container device. 2,122,595; July 5.
- Stonaga Coke and Coal Company. (See Lum, James H., assignor.)
- Stonehill, Edward. (See Baker, Blake, assignor.)
- Stoner, Arthur M., West Hartford, Conn. Percolator. 2,114,063; Apr. 12.
- Stoner, Frank, Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Motor control. 2,140,564; Dec. 20.
- Stoner, John J. Bremerton, Wash. Cleaning device for burner tips. 2,126,838; Aug. 16.
- Stoner-Mudge, Inc. (See Johnson, A. W., and Young, assignors.)
- Stong, Walter D., Flint, Mich. Automatic trailer brake control. 2,129,715; Sept. 13.
- Stoody Company. (See Stoody, Shelley M., assignor.)
- Stoody, Shelley M., assignor to Stoody Company, Whittier, Calif. Producing high melting point alloy castings. 2,127,239; Aug. 16.
- Stophlet, Robert T., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Metal shelving and making the same. 2,105,206; Jan. 11.
- Stopper, Charles A., assignor to Diamond Paper and Box Co., Philadelphia, Pa. Box. 2,133,590; Oct. 18.
- Storb, Otto. (See Ott, K., and Storb.)
- Storch, Henry H., Pittsburgh, Pa., assignor to Government of the United States, as represented by the Secretary of the Interior. Preparation of cobalt-copper catalysts. 2,118,829; May 31.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machine Company, Everett, Mass. Mechanical positioning stop. 2,128,507; Aug. 30.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Fluid drip dispenser. 2,134,214; Oct. 25.
- Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Sheet margin stop for duplicators. 2,138,682; Nov. 29.
- Storck, Frederick W., Arlington, and C. V. Franson, Dorchester, assignors to Standard Mailing Machines Company, Everett, Mass. Sheet separating and feeding device. 2,126,514; Aug. 9.
- Storfold, John W. (See Slocum, Herbert H., assignor.)
- Stork, Orpha C., Flint, Mich. Hood safety latch. 2,112,181; Mar. 22.
- Storm, George L. (See Westervelt, C., Storm, and Kaufmann.)
- Storm, Hans O. (See Pelmulder, C., and Storm.)
- Storsand, Björn R., San Francisco, Calif., assignor to Placer Development, Limited, Vancouver, British Columbia, Canada. Ore jig. 2,129,795; Sept. 13.
- Storton, Bernard F. J. (See Ross, William, assignor.)
- Story, Bertrand W., and V. A. Kalichevsky, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Refining petroleum. 2,107,429; Feb. 8.
- Story & Clark Piano Company. (See Worthington, Everett, assignor.)
- Story, Edward B., Dormont, and E. P. Best, Edgeworth, assignors to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 2,129,716; Sept. 13.
- Story, Edward B., Dormont, and E. P. Best, Edgeworth, assignors to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 2,129,717; Sept. 13.
- Story, Edward B., Bethel Township, and E. P. Best, Edgeworth, assignors to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 2,129,718; Sept. 13.
- Story, Edward B., Library, and E. P. Best, Edgeworth, assignors to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 2,111,671; Dec. 27.
- Story, Le Roy G., Mount Vernon, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,120,655; June 14.
- Story, Le Roy G., Mount Vernon, assignor to The Texas Company, New York, N. Y. Stabilizing oils. 2,123,083; July 5.
- Story, Leroy G., Beacon, assignor to The Texas Company, New York, N. Y. Motor fuels. 2,124,171; July 19.



- Story, Le Roy G., White Plains, assignor to The Texas Company, New York, N. Y. Solvent refining hydrocarbon oil. 2,141,626; Dec. 27.
- Storz, Charles R., St. Louis, Mo. Adenotome. 2,131,780; Oct. 4.
- Stose, Harold F., Haddonfield, N. J., assignor to Radio Corporation of America, New York, N. Y. Phonograph record. 2,116,986; May 10.
- Stose, Harold F., assignor to Vulcan Corporation, Portsmouth, Ohio. Composition heel. 2,140,819; Dec. 20.
- Stott, George F., assignor to Eureka Prospect, Eureka, Nev. Chloridizing-cyanide process for extracting values from ores. 2,127,240; Aug. 16.
- Stüttgen, Hermann, Leverkusen-I. G. Werk, and T. Hermann, Frankfurt-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Mothproofing detergent composition. 2,130,435; Sept. 20.
- Stotts, Francis H., Wynne, Ark. Traffic signal. 2,135,416; Nov. 1.
- Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,125,695; Aug. 2.
- Stough, Turney H., assignor to The Jeannette Steel Corporation, Jeannette, Pa. Carpet sweeper. 2,103,003; Feb. 8.
- Stout, Edward E. (See Weydell, Jarl M., assignor.)
- Stout, George P., Decatur, Ga., assignor, by mesne assignments, to The Coca-Cola Company, Wilmington, Del. Process and apparatus for inspecting fluids. 2,132,447; Oct. 11.
- Stout, John N., Staunton, assignor of one-third to D. Stigler and one-third to B. M. Laymon, Clay County, Ind. Mechanism for actuating grain dropping devices. 2,119,087; May 31.
- Stout Motor Car Corporation. (See Smith, Frank M., assignor.)
- Stout Motor Car Corporation. (See Stout, William B., assignor.)
- Stout, Walter L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,126,674; Aug. 9.
- Stout, Walter L., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,126,675; Aug. 9.
- Stout, William B., Detroit, Mich., assignor to Gar Wood Industries, Inc. Bus body construction. 2,119,655; June 7.
- Stout, William B., Detroit, assignor, by mesne assignments, to Stout Motor Car Corporation, Dearborn, Mich. Engine mounting. 2,124,088; July 19.
- Stout, William B., and E. H. Wright, Detroit, Mich., assignors to Pullman-Standard Car Manufacturing Company. Truck bolster for railway cars. 2,119,062; May 31.
- Stover, Emory F., Wynnewood, Pa. Gyroscopic fluid meter. 2,106,194; Jan. 25.
- Stover, Frank E., Springfield, Ohio. Incubator. 2,130,043; Sept. 13.
- Stover, Lawrence T. (See Gray, W. A., and Stover.)
- Stover, William A., assignor to Petroleum Engineering, Incorporated, Tulsa, Okla. Floating head for heat exchangers. 2,125,132; July 26.
- Stow, Clarence E., Kansas City, Mo., assignor to Westoco Products, Inc. Windshield sprayer. 2,105,676; Jan. 18.
- Stowell, Austin L. (See Duncan, A. S., and Stowell.)
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Coilable measuring rule. 2,131,694; Sept. 27.
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Inside wind coilable measuring rule. 2,131,695; Sept. 27.
- Stowell, Byron F., assignor to Van Norman Machine Tool Company, Springfield, Mass. Gauge mechanism. 2,113,414; Apr. 4.
- Stowell, Edward R., Fort Wayne, Ind., assignor of one-half to W. Hoyt, Cleveland Heights, Ohio. Ceramic glazing composition. 2,106,879; Feb. 1.
- Straatman, Alphons G. H., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Clinometer device. 2,109,853; Mar. 1.
- Straatman, Alphons G. H., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Apparatus for orienting drilling tools. 2,117,522; May 17.
- "Straba" Strassenbaubedarfs-Aktiengesellschaft. (See Sommer, Albert, assignor.)
- Strack, Alfred F., Suresnes, France. Producing flat blanks for aluminum cooking vessels. 2,119,088; May 31.
- Sträß, Hermann, Stuttgart, K. Reger, Stuttgart-Sillenbuch, and W. Dorn, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Process for the manufacture of electrostatic condensers. 2,138,892; Dec. 6.
- Straeten, Charles L., assignor to Industrial Patents Corporation, Chicago, Ill. Package pasteurizer. 2,108,929; Feb. 22.
- Straight, Halver R., Adel, Iowa. Mixing a plastic material. 2,109,077; Feb. 22.
- Strain, Daniel E. (See Barrett, H. J., and Strain.)
- Strain, Daniel E., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding organic compounds. 2,120,006; June 7.
- Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing polymerization products. 2,121,839; June 28.
- Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization process. 2,133,257; Oct. 11.
- Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing polymerization products. 2,135,443; Nov. 1.
- Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acryloxy carboxylic acids and their esters. 2,141,546; Dec. 27.
- Strain, Frances, Cincinnati, Ohio. Cabinet. 2,115,239; Apr. 26.
- Straits Manufacturing Company. (See Le Page, Joseph A., assignor.)
- Straitz, John F., assignor to National Airoil Burner Company, Incorporated. Oil burning. 2,103,621; Feb. 15.
- Stramaglia, Nicola, Chicago, Ill. Laundry machine. 2,110,246; Mar. 8.
- Stramaglia, Nicola, Chicago, Ill. Cooling apparatus. 2,120,299; June 14.
- Stramiello, Domenick, Brooklyn, N. Y. Detachable sleeve for garments. 2,104,826; Jan. 11.
- Strancke, Charles, Milwaukee, Wis. Charge diluting attachment for engine intake manifolds. 2,134,767; Nov. 1.
- Strand, August A., Malden, Mass. Thermostat. 2,118,240; May 24.
- Strand, August A., Malden, Mass. Primary control. 2,119,894; June 7.
- Strand, Edward T., and F. P. Colgan, Salem, Ore. Measured quantity dispenser. 2,128,718; Aug. 30.
- Strand, Steen. (See Thorp, J. R., and Strand.)
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Wheel mounting. 2,111,821; Mar. 22.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,119,756; June 7.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Clutch. 2,119,757; June 7.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Trash guide for plows. 2,124,128; July 19.
- Strang, Harold E. (See Thumlin, C., and Strang.)
- Strange, Charles C., et al. (See Pilblad, Eric J., assignor.)
- Strange, Charles C., Port Richmond, Staten Island, N. Y., assignor of seventeen and one-half per cent to E. J. Pilblad and seventeen and one-half per cent to B. Aaronson, Meriden, Conn., seventeen and one-half per cent to A. J. McIntosh, seventeen and one-half per cent to A. L. Barach, and twelve and one-half per cent to E. J. Barach, New York, N. Y. Vulcanizing device. 2,138,620; Nov. 29.
- Strange, Edward H. (See Kane, Thomas, assignor.)
- Stransky Products Corporation. (See Weil, William H., assignor.)
- Strassberger, Lothar. (See Schoeller, W., Serini, Gehrke, Priewe, Strassberger, and Logemann.)
- Strassberger, Lothar, Berlin-Wilmersdorf, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Acyl compounds of cyanhydrins of the etio-cholane and etioallo-cholane series and producing the same. 2,136,401; Nov. 15.
- Strasser, Jerome P., Hampshire, assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Paper machine distributing apparatus. 2,111,440; Mar. 15.
- Strassman, Otto A., Akron, assignor of one-third to F. C. Hardwick, Hartville, and one-third to P. R. Cannon, Canton, Ohio. Automobile lift. 2,137,743; Nov. 22.
- Strategos, Harry E. (See Cassimatis, Irineos, assignor.)
- Stratford, Charles W., Paris, France, assignor to Stratford Development Corporation, Kansas City, Mo. Heating and fractionating hydrocarbon oils. 2,126,420; Aug. 9.
- Stratford, Charles W., assignor to Stratford Development Corporation, Kansas City, Mo. Refrigerating method and apparatus. 2,140,462; Dec. 13.
- Stratford Development Corporation. (See Stratford, Charles W., assignor.)
- Stratford, Frederick F., Glen Ridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,104,441; Jan. 4.
- Stratford, Muriel. (See Mureau, C. A., and Stratford.)
- Stratford, Reginald K., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Treating hydrocarbon distillates. 2,127,654; Aug. 23.
- Strathmeyer, Walter, Oppau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of fluorine compounds from water vapor containing volatile fluorine compounds. 2,141,773; Dec. 27.
- Strathmore Company, The. (See Watkins, Grace W., assignor.)
- Stratmore Company, The. (See Carlton, Richard P., assignor.)
- Strattner, Frederick. (See Wagner, W. C., and Strattnier.)
- Stratton, George B. (See Coleman, G. H., Moore, and Stratton.)
- Stratton, George B. (See Coleman, G. H., and Stratton.)
- Stratton, Henry B., et al. (See Coats, Edward O., assignor.)



- Stratton, Jerry L., Schenectady, N. Y., assignor to General Electric Company. Rail inspection apparatus. 2,114,889; Apr. 19.
- Stratton, Jerry L., Schenectady, N. Y., assignor to General Electric Company. Electric circuit control means. 2,119,406; May 31.
- Stratton, Lore L., Cincinnati, Ohio. Refrigerator. 2,139,779; Dec. 13.
- Stratton, Mark H. (See Bletso, B. N., and Stratton.)
- Straty, Stephen, assignor to A. O. Smith Corporation, Milwaukee, Wis. Alloy lining for tubular parts. 2,136,474; Nov. 15.
- Straub, Francis J., New Kensington, Pa. Block making apparatus. 2,111,701; Mar. 22.
- Straub, Fritz, and H. Mayer, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Conversion products of dyestuffs and making same. 2,104,357; Jan. 4.
- Straub, Fritz, and W. Widmer, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Metalliferous azo-dyestuffs and making same. 2,109,806; Mar. 1.
- Straub, Fritz, and H. Mayer, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Colored plastic mass and making the same. 2,131,154; Sept. 27.
- Straub, Fritz, and H. Mayer, assignors to firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of colored plastic masses. 2,132,810; Oct. 11.
- Straub, Fritz, and P. Pieth, Basel, and H. Schneider, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Diazo compounds and making same. 2,133,559; Nov. 29.
- Straub, Jan, assignor to A. G. Oosterhuis, Amsterdam, Netherlands. Diaromatic peroxide. 2,132,588; Oct. 11.
- Straubel, Ernest T., Green Bay, Wis. Expanding collar. 2,138,329; Nov. 29.
- Straubel, Otto C., assignor to Universal Water Softener, Inc., Green Bay, Wis. Valved coupling. 2,113,203; Apr. 5.
- Strauch & Hoffman. (See Fageol, Frank R. and W. B., assignors.)
- Strauch, Hugo, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Floor and wall covering material. 2,125,594; Aug. 2.
- Straus, Harry H. (See Vincke, Enrique, assignor.)
- Straus, Henry P., New York, N. Y., assignor to Woburn Degreasing Company of New Jersey, Kearny, N. J. Plasticizing product or plastic. 2,141,885; Dec. 27.
- Straus Knitting Mills. (See Hutton, David, assignor.)
- Straus, Sylvan M. (See Dowdall, James T., assignor.)
- Strauss, Frida, née Ruppel. (See Ruppel, Sigwart.)
- Strauss, Jacob, et al. (See Rodger, Stuart J., assignor.)
- Strauss, Jerome, Pittsburgh, Pa., and G. L. Norris, Scarsdale, N. Y., assignors to Vanadium Corporation of America, Bridgeport, Pa. Deoxidizing alloy and method. 2,137,863; Nov. 22.
- Strauss, Joseph B., San Francisco, Calif. Light measuring device. 2,137,548; Nov. 22.
- Strauss, Mortimer I., Cleveland Heights, Ohio. Coating composition and preparing same. 2,140,657; Dec. 20.
- Strauss, Oscar A., Milwaukee, Wis. Vaginal treatment. 2,127,094; Aug. 16.
- Strauss, Siegmund, Vienna, Austria. Safety buckle. 2,107,878; Feb. 8.
- Strauss, Siegmund, and L. Welsglass, Vienna, Austria. Pulse frequency and intensity meter. 2,114,578; Apr. 19.
- Strauss, William, Philadelphia, Pa. Closing piston rings. 2,140,682; Dec. 20.
- Straw, Clay C., Ansonville, Pa., assignor to Oxygen Equipment and Service Co., Chicago, Ill. Apparatus for dispensing compressed gases. 2,122,897; July 5.
- Strawn, Marlon L., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Position indicating mechanism for machine tools. 2,134,743; Nov. 1.
- Strayer, Arthur C., Beaver, Pa. Lock for zipper bags. 2,112,795; Mar. 29.
- Strayer, Arthur C., Beaver, Pa. Lock seal bag. 2,136,598; Nov. 15.
- Strayer, Charles C., Johnstown, Pa. Under-hung eaves trough hanger. 2,131,985; Oct. 4.
- Strayer, Lawrence H. (See Smith, A. M., and Strayer.)
- Strayer, Lawrence H., Kent, assignor to The Lamson & Sessions Company, Cleveland, Ohio. Aligning device. 2,117,376; May 17.
- Strayer, Lawrence H., assignor to The Lamson & Sessions Company, Kent, Ohio. Rotary sorting machine. 2,133,061; Oct. 11.
- Streander, Philip B., Maplewood, N. J., assignor to Municipal Sanitary Service Corporation, New York, N. Y. Activated sludge purification of sewage and other liquids. 2,126,228; Aug. 9.
- Streander, Philip B., Maplewood, N. J., assignor to Underplanning & Foundation Co., Inc., New York, N. Y. Filter bed cleaner. 2,131,002; Sept. 20.
- Street, Archie J., Richmond, Va. Tile. 2,118,744; May 24.
- Streb, Robert J. (See Chappell, R. R., McCormack, and Streb.)
- Strey, Ray D., assignor to The Timken Roller Bearing Company, Canton, Ohio. Attachment for grinding machines. 2,133,232; Oct. 11.
- Streby, Waldo M., North Canton, Ohio. Window shade. 2,135,647; Nov. 8.
- Strecker, Charles, North Arlington, assignor to Eastwood-Nealley Corporation, Belleville, N. J. Sealing construction. 2,110,098; Mar. 1.
- Streckfuss, Elmer G. (See Moore, G. S., and Streckfuss.)
- Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Slicing machine. 2,120,164; June 7.
- Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Time recorder mechanism. 2,132,134; Oct. 4.
- Streckfuss, Elmer G., and G. A. Lensky, assignors to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Slicer. 2,137,364; Nov. 22.
- Street, Chauncey C., Providence, R. I., assignor to Federal Products Corporation. Gauge. 2,124,014; July 19.
- Street, Chauncey C., Providence, R. I., assignor to Federal Products Corporation. Dial test indicator. 2,129,311; Sept. 6.
- Street, Chauncey C., Providence, R. I., assignor to Federal Products Corporation. Gauge or indicator. 2,141,627; Dec. 27.
- Street, Edwin C. (See Boyd, Leonard E., assignor.)
- Streeter-Ames Company. (See Basquin, O. H., and Haegeler, assignors.)
- Streeter-Ames Company. (See Haegeler, Otto P., assignor.)
- Streeter-Ames Company. (See Haegeler, O. P., and Basquin, assignors.)
- Streeter, Charles J., Jersey City, N. J. Filing and stacking equipment. 2,104,912; Jan. 11.
- Streeter, Charles J., Jersey City, N. J. Filing equipment. 2,104,913; Jan. 11.
- Streeter, Ralph V., Minneapolis, Minn. Electromechanical operator for copyholders. 2,135,918; Nov. 8.
- Streeter, Ralph V., Minneapolis, Minn. Electric control device for linotype machines. 2,135,919; Nov. 8.
- Stregg, Warren C., Madison, Minn. Portable base. 2,131,647; Sept. 27.
- Streich, Frank, assignor to Simplex Metal Housing Corporation, Chicago, Ill. Building construction. 2,114,155; Apr. 12.
- Streich, Philip A., Oshkosh, Wis. Putting game. 2,121,270; June 21.
- Streicher, Johann S., assignor to American Platinum Works, Newark, N. J. Alloys. 2,107,310; Feb. 8.
- Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Treating palladium. 2,139,529; Dec. 6.
- Streif, Robert J., Modesto, and M. S. Robertson, Campbell, assignors to Independent Crop Dusting, Inc., San Francisco, Calif. Dusting apparatus. 2,127,275; Aug. 16.
- Streine, Frank B., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Up-cut open-throat shear. 2,110,777; Mar. 8.
- Strelka, Leo, Maywood, Ill. Combined distillator and carbonizer. 2,119,973; June 7.
- Strelow, Henry A., assignor to The Heil Co., Milwaukee, Wis. Closure. 2,108,238; Feb. 15.
- Streng, Benjamin C. (See McClung, Winsboro, assignor.)
- Stretch, Frank J., Jr., administrator. (See Carrey, John O.)
- Streun, John A., Sherman, Tex., assignor to Hardwicke-Etter Company. Huller rib. 2,104,889; Jan. 11.
- Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Cotton drier. 2,111,158; Mar. 15.
- Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Huller rib. 2,119,186; May 31.
- Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Gin system. 2,129,312; Sept. 6.
- Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Drier for cotton treating machines. 2,129,630; Sept. 6.
- Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Roll dumping device for cotton gins. 2,137,711; Nov. 22.
- Strey, Laurence, et al. (See Parlin, Albert, assignor.)
- Strezoff, Bogolia, Minneapolis, Minn. Collapsible coat hanger. 2,108,622; Feb. 15.
- Strezynski, George J., Poughkeepsie, N. Y., and W. Kronasser, Graz, Austria, assignors to The De Laval Separator Company, New York, N. Y. Apparatus for causing reaction between fluids and for separating the reacted products. 2,131,905; Oct. 4.
- Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal bowl. 2,111,025; Dec. 20.
- Stricker, Albert H., Cleveland, and M. W. Ulf, Shaker Heights, Ohio, assignors to General Electric Company. Electric lamp attachment fixture. 2,107,914; Feb. 8.
- Strickland, Royal R., Cleveland Heights, Ohio, assignor to General Electric Company. Enclosed arc device. 2,104,680; Jan. 4.
- Strickland, Royce M., assignor to The Geometric Tool Company, New Haven, Conn. Chaser holder for die heads. 2,108,149; Feb. 15.
- Strickler, John C., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Key attaching machine. 2,107,311; Feb. 8.
- Strid, Sven J., Chicago, Ill., and S. O. Taylor, St. Louis, Mo., assignors to Evans Products Company, Detroit, Mich. Loading device. 2,127,965; Aug. 23.
- Strid, Sven J., Chicago, Ill., and S. O. Taylor, St. Louis, Mo., assignors to Evans Products Company, Detroit, Mich. Loading device. 2,127,966; Aug. 23.



- Strieby, Maurice E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Loaded transmission line. 2,118,952; May 31.
- Stringer, Louis C., Chicago, Ill., assignor to Electronics Supply Corp. Rare gas salvaging device. 2,108,216; Feb. 15.
- Stringer, Louis C., Chicago, Ill., assignor to Electronics Supply Corp. Tube cutting device. 2,108,217; Feb. 15.
- Stringer, Louis C., assignor to Light Service Corporation, Portland, Oreg. Severing and reuniting glass objects. 2,116,129; May 3.
- Stringer, Louis C., Chicago, Ill., assignor to Electronic Supply Corp. Reconditioning electronic unit. 2,122,117; June 28.
- Stringfellow, Henry A. (See Smith, F. H., and Stringfellow.)
- Stringham, William, Franklin, assignor to The American Rolling Mill Company, Middletown, Ohio. Three-high mill. 2,118,715; May 24.
- Stripling, Luke S., Amarillo, Tex. Tree pruner. 2,107,401; Feb. 8.
- Stripling, Luke S., assignor of one-fourth to H. E. Smith, Amarillo, Tex. Power control for windmills. 2,114,751; Apr. 19.
- Strobel, Gotthold, Frankfurt-on-the-Main, Germany. Sole attaching press. 2,137,788; Nov. 22.
- Strobell, John D., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Air filter for railroad cars. 2,107,653; Feb. 8.
- Strobridge, William. (See Bowdoin, G. E., and Strobridge.)
- Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Drying apparatus. 2,108,034; Feb. 15.
- Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Wear compensating device for washing machine cylinder doors. 2,114,579; Apr. 19.
- Strockholms Superfosfat Fabriks Aktiebolag. (See Gelhaar, Stefan J., assignor.)
- Strohl, George E. (See Kirven, J. P., and Strohl.)
- Strohl, Walter A., Offenbach-on-the-Main, Germany. Automatic barrel-treating machine. 2,117,523; May 17.
- Stroink, Herbert, assignor to Baumwollspinnerei Gronau, Gronau, Germany. Double three-roller drawing frame. 2,108,930; Feb. 22.
- Stroka, Andrew, et al. (See Skojec, William, assignor.)
- Strom, Albert P., Wilkingsburg, C. L. Denault, Forest Hills, and L. McCulloch, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Network cable. 2,105,060; Jan. 11.
- Strom, Rudolph E. (See Ward, H., and Strom.)
- Strom, Victor A., Alameda, Calif. Paper packet. 2,120,317; June 14.
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Golemb, Raymond E., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Levy, Maurice L., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company. (See Veal, Gentry, assignor.)
- Stromberg Electric Company. (See Ostler, Ernest S., assignor.)
- Stromberg, Emil A. (See Mitchell, Henry W., assignor.)
- Stromberg, John A., Des Plaines, Ill. Housing structure and its construction. 2,117,996; May 17.
- Stromberg, John A., Des Plaines, assignor of one-half to Volcanic Products Corporation, Chicago, Ill. Concrete structure. 2,137,009; Nov. 15.
- Stromgren, Charles D., Los Angeles, Calif. Reel seating means for fishing poles. 2,111,080; Mar. 15.
- Stromgren, Charles D., Los Angeles, Calif. Piston ring groove and land tool. 2,127,893; Aug. 23.
- Stromquist, Vidmar B., Farmington, and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Planetary transmission. 2,127,655; Aug. 23.
- Strong, Frederick F. (See Bristow, L. J., and Strong.)
- Strong, James H. (See Switlik, Stanley, assignor.)
- Strong, James H., Trenton, N. J. Automatic releasing device. 2,121,413; June 21.
- Strong, James H., Trenton, N. J. Parachute training device. 2,132,908; Oct. 11.
- Strong, Stanley, Cockeysville and W. J. Gascoyne, Jr., assignors, by mesne assignments, to W. J. Gascoyne, Jr., Baltimore, Md. Nitrogenous fertilizer base and producing the same. 2,137,365; Nov. 22.
- Strong, William E. S., assignor to John B. Pierce Foundation, New York, N. Y. Roof construction. 2,106,140; Jan. 18.
- Strong, William E. S., assignor to John B. Pierce Foundation, New York, N. Y. Atomospheric protected flexible joint for building units. 2,117,377; May 17.
- Strong, William E. S., assignor to John B. Pierce Foundation, New York, N. Y. Air circulatory system. 2,127,095; Aug. 16.
- Strong, William P., and D. E. Austin, assignors to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Window construction. 2,113,665; Apr. 12.
- Stroud, Charles M., Minneapolis, Minn. Blue flame oil burner. 2,131,986; Oct. 4.
- Stroud, Robert. (See Mess, J., and Stroud.)
- Stroup, Fred H., Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Auxiliary exhaust valve. 2,124,407; July 19.
- Stroup, Fred H., Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Hand controlled valve. 2,132,766; Oct. 11.
- Stroup, Fred H., Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Connecting internal combustion engines to suction motors. 2,134,215; Oct. 25.
- Stroup, Fred H., Kirkwood, and B. Dick, and C. B. Fites, Ferguson, assignors to Wagner Electric Corporation, St. Louis, Mo. Air compressor. 2,136,475; Nov. 15.
- Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Making aluminum base alloys. 2,108,085; Feb. 15.
- Strouse-Baer Company, The. (See Baer, Abram K., assignor.)
- Strouse, George C. (See Johnson, A. J., and Strouse.)
- Strouts, Charles R. N., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Production of aqueous dispersions of cellulose derivatives. 2,139,866; Dec. 13.
- Strub, Robert R. (See Mueller, Otto, assignor.)
- Strube, Emma, New York, N. Y. Heading support. 2,115,593; Apr. 26.
- Strube, Harry L., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Vibrating screen. 2,116,225; May 3.
- Strube, Harry L., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Vibrating screen spring. 2,141,320; Dec. 27.
- Struck, G. R., et al. (See Struck, George R., assignor.)
- Struck, George R., Manhasset, N. Y., assignor to G. R. Struck and E. M. Wharf, Jr., doing business as Precision Radiograph, Chicago, Ill. X-ray apparatus. 2,135,019; Nov. 1.
- Struck, Karl W. (See Greenwood, E., and Struck.)
- Struhs, Harry J., East Chicago, Ind. Combination bumper guard and draft connection. 2,130,108; Sept. 13.
- Struk, Wilhelm, Essen, and H. Schroeder, Essen-Steele, Germany, assignors, by mesne assignments, to General Electric Company, Schenectady, N. Y. Soldered article or machine part. 2,124,438; July 19.
- Strutevant, B. F., Company. (See Hagen, Harold F., assignor.)
- Strutt, Maximilian J. O., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Circuit arrangement for amplifying electric oscillations. 2,111,702; Mar. 22.
- Strutwear Knitting Company. (See Martin, John E., assignor.)
- Strutz, Edward H., Sacramento, Calif. Snap hook for attaching grass catchers to lawn mowers. 2,124,835; July 26.
- Stryker, Albert R., Mariemont, Ohio, assignor of one-half to C. Tietig, Covington, Ky. Making gas. 2,126,150; Aug. 9.
- Stryker, Albert R., Mariemont, and R. F. Phipps, Cincinnati, Ohio. Fluid testing apparatus. 2,113,063; Apr. 5.
- Stryker, Daniel, White Plains, and J. H. Grahame, Mount Vernon, assignors to The Texas Company, New York, N. Y. Solvent refining of mineral oil. 2,104,379; Jan. 4.
- Strzalkowski, Charles, Milwaukee, Wis. Stop feed plug for textile knitting machines. 2,121,994; June 28.
- Strzelecki, Stanley, Brooklyn, N. Y. Shaving device. 2,111,703; Mar. 22.
- Stuart, Charles A., and J. Hofbauer, assignors to Simmons Company, Kenosha, Wis. Bed end. 2,115,434; Apr. 26.
- Stuart, Elmer H., assignor to Eli Lilly and Company, Indianapolis, Ind. Substituted p-amino-benzene-sulphonamides and producing them. 2,117,260; May 10.
- Stuart, Elmer H., assignor to Eli Lilly and Company, Indianapolis, Ind. Cyclohexylammonium mandelate. 2,140,461; Dec. 13.
- Stuart, Fred W., Cincinnati, Ohio. Retard air control for stokers. 2,122,050; June 28.
- Stuart, Harve R., Springfield, Ohio. Signal switch assembly. 2,112,935; Apr. 5.
- Stuart, Henry J., New Haven, Conn. Hose supporter button. 2,107,453; Feb. 8.
- Stuart, Joseph II, assignor to Hercules Powder Company, Wilmington, Del. Electric blasting cap package. 2,136,031; Nov. 8.
- Stuart, Kimberly. (See Linderman, Garrett B., Jr., assignor.)
- Stuart, Kimberly. (See Miller, Karl H., assignor.)
- Stuart, Kimberly, Neenah, Wis. Pie plate handling method and apparatus. 2,138,560; Nov. 29.
- Stuart, Robert, Forest Hills, N. Y., and M. H. Loughridge, Bogota, N. J. System and apparatus for handling paper for printing machines. 2,135,541; Nov. 8.
- Stubbins, John T., Youngstown, Ohio. Signal device. 2,107,350; Feb. 8.
- Stubbs, Everard, assignor to The Fellows Gear Shaper Company, Springfield, Vt. Honing gears, and for truing the honing means. 2,105,896; Jan. 18.
- Stubbs, Everard, assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear generation. 2,121,840; June 28.
- Stubbs, Francis A., and J. C. Sabbath, Lakeview, Ohio. Hair waver. 2,137,595; Nov. 22.



- Stubbs, Joseph J. (See Wells, P. A., Lockwood, and Stubbs.)
- Stubbs, Paul T., West Haven, Conn. Combined muffler, air preheater, and exhaust handling system. 2,116,718; May 10.
- Stuber, Walter J., assignor to Carey-McFall Co., Philadelphia, Pa. Shade roller plunger trunnion. 2,106,073; Jan. 18.
- Stuber, Walter J., assignor to Carey-McFall Co., Philadelphia, Pa. Venetian blind headrail support. 2,106,074; Jan. 18.
- Stuber, Walter J., assignor to Carey-McFall Co., Philadelphia, Pa. Cord lock. 2,117,918; May 17.
- Stuber, Walter J., assignor to Carey-McFall Co., Philadelphia, Pa. Venetian blind cord and chain connector. 2,126,586; Aug. 9.
- Stubnitz-Greene Spring Corporation. (See Caughey, John M., assignor.)
- Stubnitz-Greene Spring Corporation. (See Stubnitz, Maurice, assignor.)
- Stubnitz, Maurice, assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Spring and air cushion. 2,117,524; May 17.
- Stuchbery, Arthur L., Palmers Green, London, assignor to The Metal Box Company Limited, London, England. Tin box or like container intended to be vacuumized. 2,117,228; May 10.
- Stuchly, Fred, East Pittsburgh, Pa. Bellows lock for accordions. 2,129,247; Sept. 6.
- Stuck, William P., Mount Ayr, Iowa. Valve. 2,128,623; Aug. 30.
- Stuckenholt, Casper S., and J. J. Slavin, assignors to The W. J. Schoenberger Company, Cleveland, Ohio. Gas cock. 2,111,998; Mar. 22.
- Stuckenholt, Casper S., and J. J. Slavin, assignors to The W. J. Schoenberger Company, Cleveland, Ohio. Gas cock. 2,111,999; Mar. 22.
- Stuckenholt, Casper S., and L. Jaros, assignors to The W. J. Schoenberger Company, Cleveland, Ohio. Lighting device for gas burners. 2,112,000; Mar. 22.
- Stuckey, Gladys M., Manteca, Calif. Woman's undergarment. 2,125,744; Aug. 2.
- Stuckey, Samuel G., assignor to Obeare-Nester Glass Company, St. Louis, Mo. Valve. 2,138,986; Dec. 6.
- Stuckl, A. (See Severn, Arthur B., assignor.)
- Stuckl, Arnold, Pittsburgh, Pa. Resilient side bearing assembly. 2,104,840; Jan. 11.
- Studebaker Corporation, The. (See White, Harold S., assignor.)
- Studer, Clair W., and R. G. Roshong, assignors to The Hoover Company, North Canton, Ohio. Odor dispenser. 2,114,118; Apr. 12.
- Studer, Henri, Zurich, Switzerland. Composite grid grill. 2,117,749; May 17.
- Studien und Verwertungs-Aktiengesellschaft. (See Gardner, Daniel, assignor.)
- Studien- und Verwertungs-Gesellschaft mit beschränkter Haftung. (See Fischer, P., and Koch, assignors.)
- Studien- und Verwertungsgesellschaft m. b. H. (See Roelen, Otto, assignor.)
- Studien- und Verwertungsgesellschaft mit beschränkter Haftung. (See Roelen, O., and Feist, assignors.)
- Studiengesellschaft für Faserveredlung m. b. H. (See Nathansohn, Alexander, assignor.)
- Studler, René R., U. S. Army, Philadelphia, Pa. Projectile. 2,120,913; June 14.
- Studley, Earl D., Milwaukee, Wis. Identification device for draft fittings. 2,111,228; Mar. 15.
- Studt, Ernst, assignor to Norddeutsche Seekabelwerke Aktiengesellschaft, Nordenham, Oldenburg, Germany. Submarine cable. 2,122,118; June 28.
- Studt, Ernst, and C. Traugott, assignors to Norddeutsche Seekabelwerke Aktiengesellschaft, Nordenham, Germany. Electric cable with air space insulation. 2,131,987; Oct. 4.
- Stuerzl, Henry C., Flint, assignor to General Motors Corporation, Detroit, Mich. Illuminated speedometer. 2,124,089; July 19.
- Stuwer, Reinhold. (See Olsen, A. G., and Stuwer.)
- Stuhlfauth, George. (See Kivley, R. C., and Stuhlfauth.)
- Stuhlmacher, Richard, Siegm. In Saxony, assignor to Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges., Schonau, near Chemnitz, Germany. Frame for typewriters, calculating machines, and the like. 2,112,351; Mar. 29.
- Stuhlmacher, Richard, Siegm. In Saxony, assignor to Wanderer-Werke vorm. Winkhofer & Jaenicke Akt.-Ges., Schonau, near Chemnitz, Germany. Machine tool and the like. 2,138,987; Dec. 6.
- Stuhmer, Geo. F., & Company. (See Brykczynski, C. S., and Kosman, assignors.)
- Stuhmer, Geo. F., & Company. (See Kosman, J., and Brykczynski, assignors.)
- Stukart, Hendrik, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,126,421; Aug. 9.
- Stull, George R. (See Pillar, Oscar C., assignor.)
- Stull, Harold W., Washington, D. C. Article for breaking in tobacco pipes. 2,128,170; Aug. 23.
- Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,129,883; Sept. 13.
- Stull, Robert J., San Francisco, Calif. Electrical circuit tester. 2,117,582; May 17.
- Stuller, Earl A., assignor to Western Chain Products Co., Chicago, Ill. Buckle structure. 2,116,745; May 10.
- Stuller, Earl A., assignor to Western Chain Products Co., Chicago, Ill. Emergency tire chain unit. 2,118,576; May 24.
- Stuller, Earl A., assignor to Western Chain Products Co., Chicago, Ill. Buckle. 2,120,656; June 14.
- Stultz, Harvey C., Washington, D. C. Smoking device. 2,108,218; Feb. 15.
- Stumbo, Ray J., assignor of one-third to R. Reed, Salem, Oreg. Vaporizing apparatus for internal combustion engines. 2,105,677; Jan. 18.
- Stump, Thomas J., Ashland City, Tenn. Brier and weed hook. 2,119,449; May 31.
- Stumpf, Lewis T., Cleveland, Ohio. Practice golf club. 2,135,648; Nov. 8.
- Stumpp, Anthony S., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber spreading machine. 2,115,752; May 3.
- Stupell, Leo K. (See Bangs, Ralph C., assignor.)
- Stupp, John G., assignor to Blaw-Knox Company, Pittsburgh, Pa. Form for lining earth borings and handling mechanism therefor. 2,130,819; Sept. 20.
- Sturdy's, J. F., Sons Co. (See Eklund, Axel G., assignor.)
- Sturgis, Bernard M. (See Williams, I., and Sturgis.)
- Sturges, Harold, et al. (See Gentzel, Otto, assignor.)
- Sturken, Oswald, Closter, N. J., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Composition of matter. 2,115,240; Apr. 26.
- Sturm, Ernst. (See Greune, H., Sturm, and Reuter.)
- Sturm, Ernst, and R. Fleischmann, assignors to Chemische Fabrik Johann A. Wulfig, Berlin, Germany. Obtaining metal compounds of water-soluble keratin splitting products. 2,137,927; Nov. 22.
- Sturm, Fred A., Paterson, and G. J. Petricek, Clifton, N. J. Marking tube. 2,129,186; Sept. 6.
- Sturm, Fred W. (See Farnham, I. R., Sturm and Mueller.)
- Sturm, John A., Chicago, Ill. Cooking device. 2,125,965; Aug. 9.
- Sturm, Max, Jr., Union City, N. J. Buble pipe device. 2,137,034; Nov. 15.
- Sturman, Robert E., Minneapolis, Minn. Sash balance. 2,116,329; May 3.
- Sturtevant, B. F., Company. (See Anderson, Samuel M., assignor.)
- Sturtevant, B. F., Company. (See Anderson, S. M., and Hamilton, assignors.)
- Sturtevant, B. F., Company. (See Bartlett, A. C., and Leonard, assignors.)
- Sturtevant, B. F., Company. (See Bentley, Oliver D. H., assignor.)
- Sturtevant, B. F., Company. (See Bergstrom, Carl O., assignor.)
- Sturtevant, B. F., Company. (See Blanchard, Charles E., assignor.)
- Sturtevant, B. F., Company. (See Hagen, Harold F., assignor.)
- Sturtevant, B. F., Company. (See Hanson, Milton E., assignor.)
- Sturtevant, B. F., Company. (See McLane, Charles N., assignor.)
- Sturtevant, Harold V., Norristown, Pa. Conveyer. 2,136,156; Nov. 8.
- Stusser, Richard, Cologne, and F. Muth, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 2,128,508; Aug. 30.
- Stutson, Alvered C., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Flocculation. 2,126,151; Aug. 9.
- Stutz, Fred W., et al. (See Hart, Herbert M., assignor.)
- Stuve, Henry, Brooklyn, N. Y. Mechanical whirlwind toy. 2,135,606; Nov. 8.
- Styles, Eric R., Minoco Wharf, West Silvertown, London, assignor to Silvertown Lubricants Limited, London, England. Rust or corrosion preventing material or lubricant. 2,137,147; Nov. 15.
- Styskal, L. J., et al. (See Spelts, George A., assignor.)
- Süberkrüb, Franz, Hamburg, Germany. Device for paddle wheel propellers. 2,121,059; June 21.
- Subira, Anthony J., Los Angeles, Calif. Adjustable sun hat. 2,116,736; May 10.
- Subkow, Philip, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. 2,137,549; Nov. 22.
- Subkow, Philip, Los Angeles, and L. B. Beckwith, San Pedro, assignors to Union Oil Company of California, Los Angeles, Calif. Dam. 2,130,044; Sept. 13.
- Sublette, Clifford M. (See Johndahl, G. E., and Sublette.)
- Sublette, Reyborn R. (See Bear, J. W., and Sublette.)
- Submarine Gold Mining Company, The. (See Nelder, Robert G., assignor.)
- Submarine Signal Company. (See Kunze, Willy, assignor.)
- Submarine Signal Company. (See Satterlee, Howard A., assignor.)
- Submarine Signal Company. (See Smith, Edward W., assignor.)
- Submarine Signal Company. (See Turner, Edwin E., Jr., assignor.)
- Submarine Signal Company. (See Williams, Robert L., assignor.)



- Submerged Combustion Company of America, Inc. (See T. S. Tegarden, and Williams, assignors.)
- Subrizi, Victor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing apparatus. 2,132,225; Oct. 4.
- Sucetti, Glenn. (See Myers, J. B., and Sucetti.)
- Suckel, Charles H., Great Kills, Staten Island, N. Y. Anchoring means for window shades and the like. 2,115,049; Apr. 26.
- Suddeutsche Apparate-Fabrik G. m. b. H. (See Fischer, Franz, assignor.)
- Suddentsche Apparate-Fabrik G. m. b. H. (See Kipphan, Erich, assignor.)
- Sudlow, Henry E., Coral Gables, Fla. Cattle fly trap. 2,141,454; Dec. 27.
- Suekoff, Louis A., deceased, Wilmette, P. G. Suekoff, administratrix, assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Seat construction for motor vehicles and the like. 2,119,758; June 7.
- Suekoff, Pauline C., administratrix. (See Suekoff, Louis A.)
- Suffron, Fay O., Cleveland, Ohio, assignor to American Gas Association, Incorporated, New York, N. Y. Metering fluid flow. 2,105,017; Jan. 11.
- Sugden, Walter J. (See Drysdale, William D., assignor.)
- Sugg, Henry C., Greenville, N. C. Tobacco curing apparatus. 2,114,942; Apr. 19.
- Sugg, Walter A., Dickson, Tenn. Tool handle wedge. 2,117,229; May 10.
- Suggs, Hilbert E., Dawson, Ga. Vacuum peanut stoner. 2,125,207; July 26.
- Suggs, Thomas F., assignor to Cocker Machine and Foundry Company, Gastonia, N. C. Leasing mechanism for warping machines. 2,116,179; May 3.
- Sugihara, Shuichi, Toda-Machi, Naka-ku, Nagoya, assignor to Mitsubishi Jukogyo Kabushiki Kaisha, Tokyo, Japan. Automatic device for regulating fuel injection in an internal combustion engine. 2,139,981; Dec. 13.
- Suida, Herman, H. Pöhl, Vienna, and A. Nowak, Modling, Austria. Separating mineral oil products. 2,107,807; Feb. 8.
- Suit, George A., Ponca City, assignor to Cities Service Oil Company, Bartlesville, Okla. Stable lime soap grease. 2,121,748; June 21.
- Suits, Chauncey G., Schenectady, N. Y. Ski. 2,126,152; Aug. 9.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,127,439; Aug. 16.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Tuning apparatus for high frequency receiving systems. 2,133,878; Oct. 18.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,137,148; Nov. 15.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Photoelectric relay. 2,141,942; Dec. 27.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,141,943; Dec. 27.
- Sukegawa, Kishiro, Koishikawa-ku, Tokyo, Japan. Producing vaccine lymph. 2,112,507; Mar. 29.
- Sullenger, Merle V. (See Wallace, J. D., and Sullenger.)
- Sullivan, Dan, Fort Worth, assignor to Pollock Paper & Box Company, Dallas, Tex. Box. 2,108,300; Feb. 15.
- Sullivan, David J., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating fabrics and product thereof. 2,121,717; June 21.
- Sullivan, Francis D., Memphis, Tenn. Solidifying soil. 2,135,713; Nov. 29.
- Sullivan, Frederick W., Jr. (See Adams, C. E., Sullivan, and Anderson.)
- Sullivan, Frederick W., Jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion process. 2,108,395; Feb. 15.
- Sullivan, Frederick W., Jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Recovery of solvents. 2,111,822; Mar. 22.
- Sullivan, Howard C., Cottage City, Md., and A. A. Wotier, Washington, D. C. Dispensing apparatus. 2,126,354; Aug. 9.
- Sullivan, John D., assignor to The Battelle Memorial Institute, Columbus, Ohio. Fused refractory. 2,113,818; Apr. 12.
- Sullivan, John D., and D. Niconoff, Columbus, Ohio, assignors, by mesne assignments, to Kennecott Copper Corporation, New York, N. Y. Producing ferromolybdenum. 2,135,630; Nov. 8.
- Sullivan, John L. (See Little, Walter S., assignor.)
- Sullivan, Joseph M., Jackson Heights, N. Y. Combination metal awning and screen. 2,106,962; Feb. 1.
- Sullivan Machinery Company. (See Baker, Job D., assignor.)
- Sullivan Machinery Company. (See Bartholomew, Jess M., assignor.)
- Sullivan Machinery Company. (See Currier, Leslie A., assignor.)
- Sullivan Machinery Company. (See Eplatt, Emanuel S., assignor.)
- Sullivan Machinery Company. (See Ferguson, Alexander D., assignor.)
- Sullivan Machinery Company. (See Halleck, Frank A., assignor.)
- Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
- Sullivan Machinery Company. (See Huffman, Mervin C., assignor.)
- Sullivan Machinery Company. (See Joy, Joseph F., assignor.)
- Sullivan Machinery Company. (See Joy, J. F., and Boudette, assignors.)
- Sullivan Machinery Company. (See Joy, J. F., and Simmons, assignors.)
- Sullivan Machinery Company. (See Nast, Paul H., assignor.)
- Sullivan Machinery Company. (See Noble, Warren, assignor.)
- Sullivan Machinery Company. (See Osgood, Charles F., assignor.)
- Sullivan Machinery Company. (See Osgood, R. C., and Currier, assignors.)
- Sullivan Machinery Company. (See Reilly, John L., assignor.)
- Sullivan Machinery Company. (See Simmons, Leon E., assignor.)
- Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
- Sullivan Machinery Corporation. (See Gartin, Elmer G., assignor.)
- Sullivan Machinery Corporation. (See Johansen, Harry C., assignor.)
- Sullivan Machinery Corporation. (See Paget, Win W., assignor.)
- Sullivan, Nora, Cincinnati, Ohio. Appliance for beds. 2,112,122; Mar. 22.
- Sullivan, Peter B., Randolph, Mass. Shoe heel. 2,137,816; Nov. 22.
- Sullivan, Pike H., New Rochelle, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbons. 2,125,233; July 26.
- Sullivan, Pike H., New Rochelle, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbons. 2,137,825; Nov. 22.
- Sullivan, Raymond H., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Voltage transformation apparatus. 2,140,094; Dec. 13.
- Sullivan, Raymond H., W. H. Hutchins, and C. T. Wallis, Rochester, N. Y., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Switching apparatus. 2,131,789; Oct. 4.
- Sullivan, Thomas F., Chicago, Ill., assignor to The Babcock & Wilcox Company, Newark, N. J. Combination fuel burner. 2,119,581; June 7.
- Sullivan, Timothy J., assignor to Sullivan Valve and Engineering Company, Butte, Mont. Apparatus for feeding water to steam boilers. 2,131,335; Sept. 27.
- Sullivan, Timothy J., assignor to Sullivan Valve and Engineering Company, Butte, Mont. Direct fired steam mangle. 2,131,336; Sept. 27.
- Sullivan Valve and Engineering Company. (See Sullivan, Timothy J., assignor.)
- Sullivan, William J., assignor to Independent Die and Supply Company, St. Louis, Mo. Die. 2,130,514; Sept. 20.
- Sullivan, William M., and J. H. Shannon, Los Angeles, Calif. Handled beer can. 2,118,061; May 24.
- Sullivan, Woodruff T. (See Johnson, H. D., Jr., and Sullivan.)
- Sultz, Clifton S., assignor to L. E. Sultz, Red Wing, Minn. Game. 2,131,825; Oct. 4.
- Sultz, Louise E. (See Sultz, Clifton S., assignor.)
- Sulzer Freres Societe Anonyme. (See Egloff, Hans C., assignor.)
- Sulzer Freres Societe Anonyme. (See Honegger, Paul, assignor.)
- Sulzer Freres, Societe Anonyme. (See Steiner, Hans, assignor.)
- Sulzer Freres, Societe Anonyme. (See Walti, Heinrich, assignor.)
- Suman, Robert W., assignor to Link-Belt Company, Chicago, Ill. Shear pin alarm. 2,113,666; Apr. 12.
- Sumichrast, Julius, and S. A. Molnar, New York, N. Y. Anticombustible chemical compound. 2,111,704; Mar. 22.
- Summerhays, Elmer M., Warren, Ohio, assignor to F. Schaefer, Pittsburgh, Pa. Connecting pin. 2,140,820; Dec. 20.
- Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Valve mechanism. 2,108,514; Feb. 15.
- Summers, Caleb E., Pontiac, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Motor mounting. 2,108,515; Feb. 15.
- Summers, Cherry, Ethel, Mo. Poultry holder. 2,122,731; July 5.
- Summers, J. Mills, Englewood, N. J. Coupling. 2,123,068; July 5.
- Summers, James, Atlanta, Ga. Automobile door handle and lock mechanism. 2,121,414; June 21.
- Summers, John M., Russellville, Ala. Stop and waste valve. 2,123,814; July 12.
- Summers, Kenneth E., assignor to The Newall Engineering Company Limited, Peterborough, England. Screw gauging machine. 2,111,252; Mar. 15.
- Summers, Otto M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,110,182; Mar. 8.



Summers, Otto M., assignor to General Motors Corporation, Dayton, Ohio. Seal for refrigerating apparatus. 2,115,346; Apr. 26.

Summers, Otto M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,117,919; May 17.

Summers, Otto M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,132,836; Oct. 11.

Summers, William J., Chicago, Ill. Micrometer gauge. 2,107,222; Feb. 1.

Summit Thread Company. (See Boule, Camille E., assignor.)

Sumner, Robert, Washington, R. I. Plant pot holder. 2,140,862; Dec. 20.

Sumner, Bowater B. (See Fenstermacher, J. D., and Sumner.)

Sumner, Frank. (See Sumner, William and F.)

Sumner, William, and F., Liverpool, England. Apparatus for packeting small quantities of granular or pulverulent material. 2,119,726; June 7.

Sun Engraving Company Limited, The. (See Greenhill, David, assignor.)

Sun Oil Company. (See Banks, D. B., and Barton, assignors.)

Sun Oil Company. (See Barton, Paul D., assignor.)

Sun Oil Company. (See Jolly, S. E., and McKee, assignors.)

Sun Oil Company. (See McKee, James, assignor.)

Sun Oil Company. (See Padgett, Frederick W., assignor.)

Sun Oil Company. (See Pearson, John M., assignor.)

Sun Oil Company. (See Stark, John, assignor.)

Sun Radiator Cover, Inc. (See Fleischer, Paul, assignor.)

Sun Rubber Company, The. (See Baughman, H. S., and Lower, assignors.)

Sun Rubber Company, The. (See Lower, Melvin S., assignor.)

Sun Rubber Company, The. (See McLane, John T., assignor.)

Sun Rubber Company, The. (See Nagel, Charles H., assignor.)

Sun Shipbuilding & Dry Dock Company. (See Barraja-Frauenfelder, Joseph, assignor.)

Sun Shipbuilding and Dry Dock Company. (See Howard, C. D., and Maxwell, assignors.)

Sun Shipbuilding & Dry Dock Company. (See Shaver, Perry E., assignor.)

Sun Tube Corporation, The. (See Fridén, John H., assignor.)

Sunbeam Electric Manufacturing Company. (See Denedy, James H., assignor.)

Sunbred Limited. (See Salomon, S. M., and Busch, assignors.)

Sund, Alfred D., Santa Rosa, Calif. Mop renovator. 2,108,352; Feb. 15.

Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Making separable fasteners. 2,106,129; Jan. 18.

Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Making slide fasteners. 2,116,547; May 10.

Sundback, Gideon, Meadville, Pa., assignor to Talon, Inc. Manufacturing separable interlocking fasteners. 2,140,463; Dec. 13.

Sundback, Gideon, Meadville, Pa., assignor to Talcon, Inc. Machine for making fastener stringers. 2,141,200; Dec. 27.

Sundén, Karl H., Lindesberg, Sweden. Caster. 2,138,433; Nov. 29.

Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Display rack. 2,110,429; Mar. 8.

Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Illuminated display device. 2,119,689; June 7.

Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Display stand. 2,122,500; July 5.

Sunderland, Alfred E., Asheville, assignor to America Enka Corporation, Enka, N. C. After treatment of packages of spool spun silk. 2,138,216; Nov. 29.

Sunderland, Charles C., assignor to John A. Roebling's Sons Company, Trenton, N. J. Rope making machine. 2,105,338; Jan. 11.

Sunderland, Charles C., New Brunswick, assignor to John A. Roebling's Sons Company, Trenton, N. J. Method of and apparatus for constructing suspension cables. 2,119,366; May 31.

Sunderland, Winfield W. (See Britton, E. C., Smith, Livak, and Sunderland.)

Sundhauss, Herman O., assignor to J. L. Eisendrath, Jr., Chicago, Ill. Abrasive disk. 2,125,742; Aug. 2.

Sundin, Theodore, and S. Morrison, assignors to Vanstyle Specialties Corporation, New York, N. Y. Vanity case. 2,140,035; Dec. 13.

Sundqvist, Gustav O., assignor to G. Östberg, Stockholm, Sweden. Rake. 2,130,828; Sept. 20.

Sundstrand, Carl A., Rockford, Ill. Kitchen utensil. 2,121,453; June 21.

Sundstrand, Carl A., Rockford, Ill. Food grater. 2,137,366; Nov. 22.

Sundstrand Machine Tool Co. (See Granberg, B., and Sunderson, assignors.)

Sundstrand Machine Tool Co. (See Granberg, B., and Swanson, assignors.)

Sundstrand Machine Tool Co. (See Svenson, Ernest J., assignor.)

Sundstrand Machine Tool Co. (See Swanson, Fred R., assignor.)

Sundstrand, Oscar J., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper supporting and feeding apparatus. 2,106,285; Jan. 25.

Sundstrand, Oscar J., and W. A. Anderson, Bridgeport, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y. Bookkeeping machine. 2,085,0; Sept. 6.

Sundstrom, Gabriel E., assignor to Sundstrom Pressed Steel Co., Chicago, Ill. Loudspeaker. 2,138,461; Nov. 29.

Sundstrom, Herman T., Houston, Tex. Mouthpiece wiper. 2,135,683; Nov. 8.

Sundstrom Pressed Steel Co. (See Sundstrom, Gabriel E., assignor.)

Sunesson, Erik B. F., Skoghall, assignor to Uddeholms Aktiebolag, Uddeholm, Sweden. Producing a pure white cellulose. 2,140,863; Dec. 20.

Sun-Maid Raisin Growers of California. (See Kilner, Louis, assignor.)

Sunnen, Joseph, Kirkwood, Mo. Reamer. 2,117,525; May 17.

Sunnen, Joseph, Kirkwood, Mo. Pinhole gauge. 2,117,526; May 17.

Sunnen, Joseph, Kirkwood, Mo. Bearing reamer. 2,120,080; June 7.

Sunshine, Herbert S., Union City, N. J., assignor to Epiphone, Inc., New York, N. Y. Tailpiece for stringed musical instruments. 2,124,439; July 19.

Sunshine Utilities, Inc. (See Winsor, W. G., Jr., and La Pointe, assignors.)

Suomala, John B., Camden, N. J., assignor to Radio Corporation of America. Power transmission device. 2,106,773; Feb. 1.

Super Diesel Tractor Corporation. (See Scott, Philip L., assignor.)

Super, Ralph K., Allentown, Pa., assignor to Mack Manufacturing Corporation. Brake drum. 2,131,906; Oct. 4.

Superheater Company, The. (See Birmingham, Thomas F., assignor.)

Superheater Company, The. (See Caracristi, Virginus Z., assignor.)

Superheater Company, The. (See Epley, Frederic I., assignor.)

Superheater Company, The. (See Frank, Herbert, assignor.)

Superheater Company, The. (See Gordon, Charles W., assignor.)

Superheater Company, The. (See Magis, Auguste A. G., assignor.)

Superheater Company, The. (See Ostermann, R. M., and Williams, assignors.)

Superheater Company, The. (See Rawson, E., and Williams, assignors.)

Superheater Company, The. (See Sengstaken, John H., assignor.)

Superheater Company, The. (See Southcott, Leonard C., assignor.)

Superheater Company, The. (See Williams, Arthur, assignor.)

Superheater Company, The. (See Williams, A., Mourné, and Henkel, assignors.)

Superior Die Casting Company, The, et al. (See Lester, N., and Weiss, assignors.)

Superior Fastener Corporation. (See Frey, Frank W., assignor.)

Superior Felt and Bedding Company. (See Rowersox, J. W., and Blaha, assignors.)

Superior Felt & Bedding Company. (See Gerbasio, J. J., and Bergstrom, assignors.)

Superior Hand Brake Co. (See Smith, Henry C., assignor.)

Superior Locker Company. (See Kent, Frederick W., assignor.)

Superior Manufacturing Company. (See Leslie, George F., assignor.)

Superior Metal Products Company. (See Demers, Isaac J. B., assignor.)

Superior Plating Works. (See Barry, Cornelius J., assignor.)

Superior Switchboard & Devices Company, The. (See Grace, Richard W., assignor.)

Superior Tube Company. (See Haislauer, Adolf, assignor.)

Superlux Corporation, The. (See Matera, Charles C., assignor.)

Super-Speed Press Corporation. (See Klingler, P. C., and Scheffey, assignors.)

Supplee, George C., Bainbridge, N. Y., assignor of one-half to The Borden Company and one-half to National Carbon Company, Inc. Irradiation. 2,104,681; Jan. 4.

Supreme Instruments Corporation. (See Browne, Burton, assignor.)

Supreme Instruments Corporation. (See Fausett, Floyd, assignor.)

Surdy, Charles J. (See Turner, E. A., and Surdy.)



- Surdy, Charles J., Tuckahoe, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Transmission control mechanism. 2,104,061; Jan. 4.
- Surdy, Charles J., Tuckahoe, assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Locomotive stoker. 2,109,980; Mar. 1.
- Surdy, Charles J., Tuckahoe, assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker conveyor. 2,113,258; Apr. 5.
- Surdy, Charles J., Tuckahoe, N. Y., assignor, by mesne assignments, to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,129,365; Sept. 6.
- Surdy, Charles J., Tuckahoe, assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Conveying mechanism. 2,131,907; Oct. 4.
- Sureau, Robert F. M. (See Petitcolas, P., and Sureau.)
- Sure Feed Limited. (See Hughes, Cecil, assignor.)
- Surety Rubber Company, The. (See Hall, Samuel S. and J. B., assignors.)
- Surface Combustion Corporation. (See Cone, Carroll, assignor.)
- Surface Combustion Corporation. (See Myler, William M., Jr., assignor.)
- Surgident, Ltd. (See Boeger, Henry F., assignor.)
- Surgident, Ltd. (See van Rossem, Walter J., assignor.)
- Surjaninoff, Michael, Stammersdorf, near Vienna, Austria. Electric motor. 2,128,544; Aug. 30.
- Surprise, Glenn M., Cedar Lake, Ind. Game apparatus. 2,125,696; Aug. 2.
- Susor, Albert W., Toledo, Ohio. Window construction and regulator for same. 2,122,963; July 5.
- Süss, Heinrich, assignor to Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel, Berlin-Tegel, Germany. Apparatus for extracting paraffin from mineral oils. 2,136,062; Nov. 8.
- Süsselbeck, Karl, Oberhausen-Sterkrade, assignor to Gutehoffnungshütte Oberhausen Aktiengesellschaft, Oberhausen-Rheinland, Germany. Purifying crude hydrocarbons, more particularly crude benzole, crude benzene, and crack benzene. 2,134,241; Oct. 25.
- Sussman, Philip. (See Barlow, S. D., and Sussman.)
- Sussman, Wormser & Co. (See Steinwand, Otto, assignor.)
- Sussman, Wormser & Co. (See Wormser, Paul, assignor.)
- Sutcliffe, Richard, Limited. (See Sheppard, John, assignor.)
- Sutcliffe, Arthur, London, England. Apparatus for receiving delivered commodities and preventing theft thereof. 2,137,367; Nov. 22.
- Sutcliffe, Edgar R., Lowton, Newton-le-Willows, England. Adsorption apparatus. 2,108,730; Feb. 15.
- Sutcliffe, Harry L., Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Welt shoe and making same. 2,113,954; Apr. 12.
- Sutcliffe, Harry L., Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Shoe and making same. 2,140,119; Dec. 13.
- Suter, Chester M., Evanston, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Sulphonating and sulphating olefines. 2,135,358; Nov. 1.
- Suter, Eugene F., assignor to Eugene Ltd., New York, N. Y. Permanent waving apparatus. 2,122,163; June 28.
- Suter, Eugene F., assignor to Eugene Ltd., New York, N. Y. Permanent waving. 2,130,748; Sept. 20.
- Suter, Eugene F., New York, N. Y., and G. B. Finnegan, Jr., Mountain Lakes, N. J., assignors to Eugene Ltd., New York, N. Y. Permanent waving. 2,122,783; July 5.
- Suthard, James G., assignor, by mesne assignments, to The Pure Oil Company, Chicago, Ill. Breaking petroleum emulsions. 2,126,839; Aug. 16.
- Sutherland, Frank, Walpole, assignor to Bird & Son, Inc., East Walpole, Mass. Clamping device. 2,120,686; June 14.
- Sutherland, George. (See Harris, J. C., Jr., and Sutherland.)
- Sutherland, Leslie T., Yonkers, assignor to The Barrett Company, New York, N. Y. Press platen. 2,137,634; Nov. 22.
- Sutherland Paper Company. (See Annen, James E., assignor.)
- Sutherland Paper Company. (See Annen, J. E., and Sherwood, assignors.)
- Sutherland Paper Company. (See Rutledge, Robert E., assignor.)
- Sutherland Paper Company. (See Smith, Richard E., assignor.)
- Sutherland, Robert L. (See Lykken, H. G., and Sutherland.)
- Sutherland, Walter F., assignor of one-half to G. J. Jebeles, Birmingham, Ala. Safety switch box. 2,105,169; Jan. 11.
- Suthers, Reba, Brooklyn, N. Y. Bathing cap. 2,132,864; Oct. 11.
- Sutter, Charles, Suresnes, and A. Boussel, Courbevoie, assignors to Société Anonyme Anciens Etablissements Hotchkiss & Cie, Levallois-Perret, France. Automatic firearm. 2,108,026; Feb. 8.
- Sutter, Ole, Isanti, Minn. Seed grading and cleaning apparatus. 2,134,216; Oct. 25.
- Sutter, Roser B., Newark, N. J. Electrical heating system. 2,138,217; Nov. 29.
- Sutter, Theodor, Basel, Switzerland, assignor to Ciba Products Corporation, Dover, Del. Synthetic resin and making same. 2,118,482; May 24.
- Sutter, Theodor, Basel, Switzerland, assignor to Ciba Products Corporation, Dover, Del. Synthetic resins and making same. 2,127,894; Aug. 23.
- Sutton, Charles G., Oakland, Calif. Gauge. 2,115,347; Apr. 26.
- Sutton, Eunice S., Brooklyn, N. Y. Washcloth. 2,119,895; June 7.
- Sutton, George W., London, and W. H. Grinstead, Bromley, assignors to Siemens Brothers & Company Limited, London, England. Telephone instrument circuit. 2,136,345; Nov. 8.
- Sutton, Henry M., and E. G. Steele, Dallas, Tex. Apparatus for removing friable matter from beans, peas and other legumes. 2,115,674; Apr. 26.
- Sutton, Henry M., and E. G. Steele, Dallas, Tex. Apparatus for separating a mass of seeds of varied characteristics. 2,137,678; Nov. 22.
- Sutton, Henry M., and E. G. Steele, Dallas, Tex. Separating a mass of seeds of varied characteristics. 2,137,679; Nov. 22.
- Sutton, John R., New York, assignor to I. Miller & Sons, Inc., Long Island City, N. Y. Display device. 2,120,445; June 14.
- Suydam, Clinton H., East Orange, assignor to Federal Telegraph Company, Newark, N. J. Vacuum tube. 2,141,256; Dec. 27.
- Svanholm, Kaj A. (See Crudo, F., and Svanholm.)
- Svejkovsky, William, Oklahoma City, Okla. Furnace. 2,133,836; Oct. 18.
- Svenska Aktiebolaget Bromsregulator. (See Browall, Bert H., assignor.)
- Svenska Aktiebolaget Gasaccumulator. (See Anderson, E. E. W., and Johanson, assignors.)
- Svenska Aktiebolaget Gas Accumulator. (See Dalén, Gustaf, assignor.)
- Svenska Total Aktiebolaget. (See Thernell, Carl-Otto, assignor.)
- Svenson, Ernest J. (See Barnes, J. S., Guirl, and Svenson.)
- Svenson, Ernest J., Rockford, Ill. Hydraulic actuator system. 2,122,443; July 5.
- Svenson, Ernest J., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Feeding mechanism. 2,108,353; Feb. 15.
- Svenson, Ernest J., Rockford, Ill., assignor, by mesne assignments, to Petrolator Corporation. Liquid handling mechanism. 2,117,750; May 17.
- Svenson, Ernest J., Rockford, assignor to Petrolator Corporation, Chicago, Ill. Computing dispensing device. 2,125,322; Aug. 2.
- Svenson, Ernest J., Rockford, Ill. Material working apparatus. 2,140,565; Dec. 20.
- Svenson, Ogden, Strathclair, Manitoba, Canada. Pressure responsive resistance device. 2,138,310; Nov. 29.
- Svensson, Sven G., Buenos Aires, Argentina. Apparatus for the training of the muscles. 2,135,018; Nov. 1.
- Svoboda, Jaroslav and L., and K. Bilek, Prague, Czechoslovakia. Resilient suspension means for motor vehicles. 2,104,499; Jan. 4.
- Svoboda, Ladislav. (See Svoboda, Jaroslav and L., and Bilek.)
- Swain, Frank E., Ewell, assignor of one-half to Kevitt Rotherham, Coventry, England. Fuel feed system for internal combustion engines. 2,135,243; Nov. 1.
- Swain, William F., Rockville Centre, N. Y., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Package for plurality of articles. 2,133,122; Oct. 11.
- Swallen, Lloyd C., Terre Haute, Ind., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Production of zein. 2,105,760; Jan. 18.
- Swallen, Lloyd C., Pekin, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Production of zein. 2,120,946; June 14.
- Swallen, Lloyd C., Pekin, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Production of zein. 2,133,591; Oct. 18.
- Swallow, Charles E., Worcester, Mass. Oil burner. 2,108,872; Feb. 22.
- Swallow, Joseph L., Berwyn, assignor to Wells-Gardner & Company, Chicago, Ill. Radio receiving set. 2,137,035; Nov. 15.
- Swan, Andrew, Kingston-on-Thames, and W. Helmore, London, assignors to H. M. Hobson (Aircraft and Motor) Components Limited, London, England. System for preventing detrimental ice formation. Re. 20,775; June 28.
- Swan Cleaners & Furriers. (See Backer, William, assignor.)
- Swan, Donald R. (See Smith, H. R., and Swan.)
- Swan, Fred, Wichita, Kans. Underreamer. 2,111,464; Mar. 15.
- Swan, James D., Jr. (See Jwanouskos, J. J., Jr., Lundgren, and Swan.)
- Swan, James G., assignor to Hydraulic Coupling Patents Limited, London, England. Power transmission system. 2,129,884; Sept. 13.
- Swan, John B., Gladstone, Mich. Sander device. Re. 20,905; Nov. 1.
- Swan, John B., Gladstone, Mich. Sander device. 2,110,247; Mar. 8.



- Swander, Louis A., Osborne, Kans. Dial cover for water meters. 2,107,720; Feb. 8.
- Swangler, Rose M. (See Czajkowski, Francis T., assignor.)
- Swank, James W., Chicago, assignor of one-half to R. M. Calkins, Deerfield, Ill. Adjustable clamping means for concrete forms. 2,112,868; Apr. 6.
- Swank Products, Inc. (See Baer, Lawrence E., assignor.)
- Swank Products, Inc. (See Grant, Jerome L., assignor.)
- Swank Products, Inc. (See Huellebrand, Andrew J., assignor.)
- Swann, Frank P. (See Round, H. J., Swann, and Round.)
- Swann, Theodore. (See Glass, Hugh B., assignor.)
- Swann, Theodore. (See Harris, Morton, assignor.)
- Swann, Theodore. (See Terwilliger, Charles O., assignor.)
- Swannell, Frederick, London, assignor to The Viscose Development Company Limited, Kent, England. Cap or stopper for bottles or like containers. 2,133,490; Oct. 18.
- Swanson, Arthur C. (See Stein, C. F., and Swanson.)
- Swanson, Charles E., assignor to Garden City Plating & Manufacturing Co., Chicago, Ill. Illuminated sign. 2,135,859; Nov. 8.
- Swanson, Clarence S., assignor, by mesne assignments, to Standard Forgings Corporation, Chicago, Ill. Forging apparatus. 2,116,804; May 10.
- Swanson, Clarence S., assignor, by mesne assignments, to Standard Forgings Corporation, Chicago, Ill. Apparatus for forging and forming steel disk wheels and the like. 2,116,805; May 10.
- Swanson, Clarence S., assignor to Standard Forgings Corporation, Chicago, Ill. Water cooled die for forming disk wheels. 2,118,018; May 17.
- Swanson, Earl R., assignor to Chicago-Hutchins Corporation, Chicago, Ill. Car roof. 2,128,624; Aug. 30.
- Swanson, Edwin. (See Overguard, Christian A., assignor.)
- Swanson, Edwin W., Hopkins, assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Voltage regulator. 2,133,312; Oct. 18.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,124,498; July 19.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Supply holder. 2,124,499; July 19.
- Swanson, Floyd A., assignor to Barnes Drill Co., Rockford, Ill. Blind end cylinder honing machine. 2,108,354; Feb. 15.
- Swanson, Fred R. (See Granberg, B., and Swanson.)
- Swanson, Fred R., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Chuck. 2,140,303; Dec. 13.
- Swanson, Gunnard E., New Britain, Conn. Cylinder lock. 2,113,007; Apr. 5.
- Swanson, Harold, Cleveland, Ohio. Electric incandescent high pressure gas lamp and similar article. 2,137,732; Nov. 22.
- Swanson, Harry R. (See Wallis, J. S., and Swanson.)
- Swanson, Harry R., White Plains, assignor to Foster Wheeler Corporation, New York, N. Y. Oil treatment. 2,105,935; Jan. 18.
- Swanson, Harry R., White Plains, and J. S. Wallis, assignors to Foster Wheeler Corporation, New York, N. Y. Fractional distillation. 2,115,793; May 3.
- Swanson, Harry S., Minneapolis, Minn. Alarm illuminator clock. 2,133,908; Oct. 18.
- Swanson, Hjalmar A., assignor to Cummins Perforator Company, Chicago, Ill. Perforating machine. 2,111,057; Mar. 15.
- Swanson, Nels H., Chicago, Ill. Flashlight combination construction. 2,136,199; Nov. 8.
- Swanson, Russell K., St. Joseph, Mo. Powder dispenser. 2,111,875; Mar. 22.
- Swanson, Sven V., Forest Park, assignor to Refrigeration Appliances, Inc., Chicago, Ill. Distributor. 2,110,430; Mar. 8.
- Swanson, Walter H., Neenah, and D. C. Porter, Appleton, assignors to Paper Patents Company, Neenah, Wis. Reclaimed gas recovery process. 2,141,886; Dec. 27.
- Swanton, Frederick V. W., assignor of one-half to C. Perlman, Johannesburg, Transvaal, Union of South Africa. Apparatus and process for desilting natural streams of water. 2,120,516; June 14.
- Swart, Leland K. (See Honaman, R. K., and Swart.)
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas-filled tube circuits. 2,104,142; Jan. 4.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas-filled tube circuits. 2,106,286; Jan. 25.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas discharge tube circuits. 2,106,287; Jan. 25.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas tube circuits. 2,108,219; Feb. 15.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protection apparatus. 2,110,536; Mar. 8.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Amplifying system. 2,121,935; June 28.
- Swart, Richard H. (See Erbach, F. R., and Swart.)
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,105,561; Jan. 18.
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,107,454; Feb. 8.
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,115,794; May 3.
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,122,784; July 5.
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,126,229; Aug. 9.
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,127,013; Aug. 16.
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,130,436; Sept. 20.
- Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,136,715; Nov. 15.
- Swartwood, Kenneth, and C. H. Angell, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,127,014; Aug. 16.
- Swartwout Company, The. (See Mastenbrook, Henry J., assignor.)
- Swartwout Company, The. (See McDerment, James H., assignor.)
- Swartz, Carl E. (See Palm, J. V. O., and Swartz.)
- Swartz, Carl E., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Bearing metal alloy. 2,107,223; Feb. 1.
- Swartz, Carl E., Cleveland Heights, and J. E. Wilkey, South Euclid, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Manufacture of bonded and coated metallic articles. 2,137,464; Nov. 22.
- Swartz, Guy E., Detroit, Mich. Work holder. 2,122,898; July 5.
- Swartz, William L., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Firearm balancer. 2,140,945; Dec. 20.
- Swartz, William L., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Firearm. 2,140,946; Dec. 20.
- Swartzwelder, William E., Cumberland, Md. Valve. 2,138,714; Nov. 29.
- Sway, Henry, Cincinnati, Ohio. Sheet metal flashing. 2,112,936; Apr. 5.
- Swearengen, Clair V., Chattanooga, Tenn. Chlorinator. 2,109,439; Feb. 22.
- Sweatt, James E., Memphis, Tenn. Oil burner. 2,125,966; Aug. 9.
- Swebilius, Carl G., New Haven, Conn. Sight for firearms. 2,108,150; Feb. 15.
- Sweda, Michael, Youngstown, Ohio. Shielded electrode holder. 2,118,274; May 24.
- Swedman, Enoch. (See Ellsworth, W. A., and Swedman.)
- Sweeney, Benjamin F., assignor of one-half to H. T. Barr, Long Beach, Calif. Folding table. 2,106,309; Jan. 25.
- Sweeney, James A., Providence, R. I., assignor to Universal Optical Corporation. Nose pad mounting. 2,115,348; Apr. 26.
- Sweeney, John A., and C. C. Rau, assignors to Fairmount Glass Works, Inc., Indianapolis, Ind. Draft control for lehrs. 2,115,594; Apr. 26.
- Sweeney, John W., assignor to The Narrow Fabric Company, West Reading, Pa. Buttonhole edging. 2,114,271; Apr. 12.
- Sweeney, John W., assignor to The Narrow Fabric Company, West Reading, Pa. Display folder for articles of wearing apparel. 2,116,481; May 3.
- Sweeney, William J., Belleville, N. J. Display figure. 2,106,818; Feb. 1.
- Sweeney, William J., and W. E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company. Making a catalyst. 2,112,387; Mar. 29.
- Sweeney, William J., and W. E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company. Catalyst and process for hydrogen production. 2,125,743; Aug. 2.
- Sweeney, William J., and K. C. Laughlin, Baton Rouge, La., assignors to Standard Oil Development Company. Asphalt emulsion. 2,141,230; Dec. 27.
- Sweeny, Carey P. (See Morris, R. M., and Sweeny.)
- Sweet, Alva L., Schenectady, N. Y., assignor to General Electric Company. Furnace control system. 2,136,256; Nov. 8.
- Sweet, Cecil H. (See Erwin, W. C., and Sweet.)
- Sweet, J. B., et al. (See Wohlfarth, Walter W., assignor.)
- Sweet, Vance, Cleveland, Ohio, assignor to H. V. Ensten. Cap and scarf assembly. 2,130,933; Sept. 20.
- Sweetland, Ernest J., Piedmont, Calif. Parking control apparatus. 2,121,170; June 21.
- Sweetland, Ernest J., Piedmont, Calif. Golf club and implement handle. 2,121,718; June 21.
- Sweetland, Ernest J., Piedmont, Calif. Drying apparatus. 2,122,964; July 5.
- Sweetland, Ernest J., Piedmont, Calif. Treating lumber. 2,130,730; Nov. 15.



- Sweets Laboratories, Inc. (See Canning, Charles V., assignor.)
- Sweetser, Ralph H. (See Morfit, C. C., and Sweetser.)
- Sweitzer, Charles W., Shawnee, Okla. Portable dispenser for beverages. 2,105,339; Jan. 11.
- Swem, Gilbert S., assignor, by mesne assignments, to J. Karp, Brooklyn, N. Y. Beverage cooling and dispensing apparatus. 2,112,637; Mar. 29.
- Swenarton, Waitstill H., Montclair, N. J. Nonresealable bottle. 2,131,988; Oct. 4.
- Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch plate. 2,104,106; Jan. 4.
- Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Transmission mechanism. 2,107,089; Feb. 1.
- Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Water pump. 2,107,090; Feb. 1.
- Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Brake. 2,107,091; Feb. 1.
- Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Brake construction. 2,107,092; Feb. 1.
- Swennes, Benjamin A., Rockford, Ill., assignor to Borg-Warner Corporation. Fluid clutch automatic transmission. 2,129,366; Sept. 6.
- Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Self-energizing clutch. 2,136,063; Nov. 8.
- Swensen, Emil F., Manitowoc, Wis., assignor to Paragon Electric Company, Chicago, Ill. Timing instrument. 2,124,045; July 19.
- Swensen, Emil F., Manitowoc, Wis., assignor to Paragon Electric Company, Chicago, Ill. Demountable time switch. 2,126,515; Aug. 9.
- Swenson, Arthur W., Rockford, Ill. Amusement apparatus. 2,112,255; Mar. 29.
- Swenson, Axel W., assignor to Deere & Company, Moline, Ill. Stalk lifter. 2,126,153; Aug. 9.
- Swenson, Carl E. (See Anderson, M. B., and Swenson.)
- Swenson, Carl E., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Universal drive mechanism. 2,107,721; Feb. 8.
- Swenson, Carl E., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Universal joint. 2,113,998; Apr. 12.
- Swenson, Eskil W., Cherry Valley, Ill., assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for disintegrating large solids contained in sewage. 2,122,965; July 5.
- Swenson Evaporator Company. (See Barnebl, August J., assignor.)
- Swenson, George E., Hastings on Hudson, N. Y., assignor to The Celotex Company, Chicago, Ill. Building construction. 2,113,284; Apr. 5.
- Swenson, Gustave A., Champaign, Ill. Stone-cutting apparatus. 2,141,566; Dec. 27.
- Swenson, Gustave A., Champaign, Ill. Stone-working tool. 2,141,567; Dec. 27.
- Swenson, Harvey F., Seattle, Wash. Ice cream freezer. 2,134,268; Oct. 25.
- Swenson, Nelson, Port Arthur, Tex. Tooth brush. 2,111,876; Mar. 22.
- Swenson, Theodore L. (See Blanck, F. C., Swenson, Mottern, Goresline, and Nelson.)
- Swenson, Theodore L., Chevy Chase, Md., dedicated to the free use of the People of the United States of America. Reducing foam of fermented egg white to liquid albumen and thinning fresh egg whites. 2,110,613; Mar. 8.
- Swenson, William B. (See Olson, R. V., and Swenson.)
- Swertfeger, Harold C., Carson, Va. Vehicle stake. 2,131,337; Sept. 27.
- Swezey, Burdette S. (See Corwin, T. L., Swezey, and Watson.)
- Swickard, Andrew E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,141,420; Dec. 27.
- Swift, Carroll C., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Treating metal parts. 2,123,856; July 12.
- Swift and Company. (See Hall, J. P., and Hodges, assignors.)
- Swift and Company. (See Hansen, Henry, assignor.)
- Swift & Company. (See McKee, Harry H., assignor.)
- Swift and Company. (See McKee, H. H., and Seaver, assignors.)
- Swift and Company. (See Parsons, Clinton H., assignor.)
- Swift and Company. (See Rover, Donald R., assignor.)
- Swift and Company. (See Williams, B. E., and Cadwell, assignors.)
- Swift and Company. (See Wright David M., assignor.)
- Swift, George W., Jr., Inc. (See Swift, George W., Jr., assignor.)
- Swift, George W., Jr., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Corrugated paperboard making machine. 2,107,430; Feb. 8.
- Swift, George W., Jr., assignor to G. W. Swift, Jr., Inc., Bordentown, N. J. Printer-slotter feeding mechanism. 2,110,980; Mar. 15.
- Swift, Harvey C. (See Loweke, E. F., and Swift.)
- Swift, Herbert W., assignor to Bromilow & Edwards Limited, Bolton, England. Moving floor for vehicles. 2,129,796; Sept. 13.
- Swift, Joseph H., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Push-out apparatus for billets. 2,108,355; Feb. 15.
- Swift, Lionel V., Oklahoma City, Okla. Cleaning and sterilizing device. 2,121,307; June 21.
- Swift, William, and L. R. Perkins, assignors to Joseph Lucas Limited, Birmingham, England. Turning lathe. 2,127,792; Aug. 23.
- Swift, Willis C., West Alexandria, Ohio, assignor to The American Brass Company, Waterbury, Conn. Coating ferrous materials with a copper-rich alloy. 2,113,667; Apr. 12.
- Swigart, Arthur L., assignor, by mesne assignments, to G. M. Jones, Kansas City, Mo. Electrical converter system. 2,129,885; Sept. 13.
- Swinehart, Carl F., Cleveland, assignor to The Harshaw Chemical Company, Elyria, Ohio. Hydrofluoric acid composition. 2,118,386; May 24.
- Swingle, Wayne T., and L. P. Buckley, Hastings, Nebr. Centrifugal blower wheel. 2,125,697; Aug. 2.
- Swingspout Measure Company. (See Wiswell, Ozro N., assignor.)
- Swisher, Leon N., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Servo mechanism. 2,140,037; Dec. 13.
- Swiss Knitting Company. (See Kattermann, Emil D., assignor.)
- Switlik, Stanley, assignor to J. H. Strong, Trenton, N. J. Parachute device. 2,111,303; Mar. 15.
- Switzer, Clarence W., Crawfordsville, Ind. Trailer coupling. 2,107,965; Feb. 8.
- Switzer, Elder B. (See Wedge, R. E., and (Turner, assignor).)
- Swofford, Peter J., Mineral Wells, Tex. Bottle and can container. 2,115,654; Apr. 26.
- Swoger, William, Ferndale, Mich. Centrifugal cast. 2,107,513; Feb. 8.
- Swope, Harold S. (See Simons, J. C., and Swope.)
- Swope, Lytle E., Lakewood, assignor to The Ohio Box-board Company, Rittman, Ohio. Handle reinforcement for boxes. 2,128,509; Aug. 30.
- Sybenga, Jacob J., assignor of one-half to R. C. Lautenbach, Pella, Iowa. Container and closure therefor. 2,110,406; Mar. 8.
- Sykes, Adrian F., St. Albans, England. Electric pick-up. 2,113,907; Apr. 12.
- Sykes, Charles, Timperley, and W. Needham, Sale, England, assignors to General Electric Company. Electric heater. 2,108,623; Feb. 15.
- Sykes, George, Los Angeles, Calif. Fruit packing separator. 2,106,921; Feb. 1.
- Sykes, Roger A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,124,596; July 26.
- Sykes, Wilfred, assignor to Inland Steel Company, Chicago, Ill. Electrolytic apparatus. 2,125,037; July 26.
- Sykes, William E., Buffalo, N. Y. Cutter sharpening machine. 2,108,239; Feb. 15.
- Sykes, William E., Buffalo, N. Y. Gear lapping machine. 2,114,616; Apr. 19.
- Sykes, William E., Buffalo, N. Y. Machine for generating tapered gears. 2,114,690; Apr. 19.
- Sykes, William E., Buffalo, N. Y. Cutter sharpening machine. 2,124,990; July 26.
- Sykora, Rudolf, Boston, assignor of one-half to C. W. Hale, Springfield, Mass. Hydraulic device. 2,124,800; July 26.
- Sylvan, Joseph, Chicago, Ill. Building construction. 2,109,655; Mar. 1.
- Sylvania Industrial Corporation. (See Colson, Roger L., assignor.)
- Sylvania Industrial Corporation. (See Cornwell, Ralph T. K., assignor.)
- Sylvania Industrial Corporation. (See Morgan, Willard L., assignor.)
- Sylvania Industrial Corporation. (See Reichel, F. H., and Craver, assignors.)
- Sylvania Industrial Corporation. (See Replogle, Harry H., assignor.)
- Sylvania Industrial Corporation. (See Wade, W., and Replogle, assignors.)
- Sylvania Industrial Corporation. (See Wallach, Roger N., assignor, and Zender.)
- Sylvester, George R. (See Robson, J. T., and Sylvester, assignors.)
- Sylvester, Harold K., Hollywood, Calif. Combined hinge and operating mechanism for window sashes. 2,112,388; Mar. 29.
- Sylvester, Kimmel A., Chicago, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Keyboard perforator and counter. 2,120,517; June 14.
- Symington-Gould Corporation. (See Barrows, Donald S., assignor.)
- Symington-Gould Corporation, The. (See Blattner, Emil H., assignor.)
- Symington-Gould Corporation, The. (See Casey, Howard T., assignor.)
- Symington-Gould Corporation, The. (See Couch, Glenn F., assignor.)
- Symington-Gould Corporation, The. (See Kadel, Byers W., assignor.)
- Symington, R. & W. H., & Company Limited. (See Billing, George W., assignor.)



- Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Crushing method. 2,110,850; Mar. 8.
- Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Impact crusher. 2,110,851; Mar. 8.
- Symons, Loren G., Hollywood, Calif., assignor, by mesne assignments, to Nordberg Manufacturing Company, Milwaukee, Wis. Screen. 2,118,782; May 24.
- Synchrome Corporation. (See Wright, Walter L., assignor.)
- Synck, Adolph J., assignor to New Idea, Inc., Coldwater, Ohio. Hay rake. 2,134,269; Oct. 25.
- Synco Devices, Incorporated. (See Doll, J. L., and Rogers, assignors.)
- Synco Machine Company. (See Parvin, Edward G., assignor.)
- Synnestvedt, Kenneth P., Bryn Athyn, assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft with autorotatable sustaining rotors. 2,110,638; Mar. 8.
- Synthetic Products, Inc. (See Mnookin, Nathan M., assignor.)
- Sypher, Milford G., Belleville, N. J., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Pen desk set. 2,118,241; May 24.
- Sypher, Milford G., Belleville, N. J., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen. 2,139,045; Dec. 6.
- Sypien, Andrew K. (See Schlachta, Frank, assignor.)
- Syracuse Trust Company, trustee. (See Holt, T. W., and Levan, assignors.)
- Syrov, Augustin J., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Pump. 2,129,886; Sept. 13.
- Sywert, Philip T., Wesleyville, Pa., assignor to General Electric Company. Refrigerator cabinet and shelf construction. 2,118,659; May 24.
- Szabo, Alexander, Linden, N. J. Twin rocker and rotating toy device. 2,104,442; Jan. 4.
- Szabó, Basil V., Jamaica, assignor of forty per cent to W. C. Rasmussen, New York, N. Y. Hydrocarbon burner. 2,121,271; June 21.
- Szalkay, Steven, Toledo, Ohio. Protective shield. 2,109,831; Mar. 1.
- Szász, Géza, Berlin-Reinickendorf-Ost, Germany. Photographic process. 2,126,516; Aug. 9.
- Szathmáry, József, assignor to K. Schrecker, Budapest, Hungary. Match lighting device. 2,131,678; Sept. 27.
- Szeglin, Andrew. (See Kreiser, J., and Szeplin.)
- Szegő, Stephan, Berlin-Johannistal, Germany. Floor, roof, and like structure. 2,104,443; Jan. 4.
- Szegvari, Andrew. (See Albright, R. W., and Szegvari.)
- Székelty, Georg, Graz, Austria. Electrically driven compressor. 2,117,863; May 17.
- Szerenyi, Andreas, and H. Rollmann, assignors to the firm Rollmann, Kaufmann & Co., Société au nom collectif, Brussels, Belgium. Footwear. 2,129,106; Sept. 6.
- Sziklai, George K., New York, assignor to Electro-Mechanical Research, Inc., Brooklyn, N. Y. Vent for electrolytic devices. 2,136,568; Nov. 15.
- Szilard, Adalbert, and G. Keleti, Budapest, Hungary. Telephone system. 2,110,312; Mar. 8.
- Szody, Stephen. (See David, E., and Szody.)
- Szody, Stephen B. (See David, E., and Szody.)
- Szoplikowska, Helen, et al. (See Pocielcha, Michael, assignor.)
- Szoplikowska, Stella, et al. (See Pocielcha, Michael, assignor.)
- Szwargulski, Alexander N., assignor to Papendick, Inc., St. Louis, Mo. Slicing machine. 2,126,057; Aug. 9.
- "T. I. M." (Ticket-Issue Machines) Limited. (See Kindard, D. H., and H. Ford, assignors.)
- T. & L. Company Incorporated. (See Stelljes, Fred D., assignor.)
- Tabb, Oscar C., Waco, Tex., assignor to Crawford-Austin Manufacturing Co. Tensioned awning. 2,138,219; Nov. 29.
- Taber, George H., Binghamton, N. Y. Vehicle wheel aligning apparatus. 2,114,481; Apr. 19.
- Taber, Ralph F. (See Smith, George H., assignor.)
- Tabley, George L., Paddington, near Sydney, New South Wales, assignor of one-fourth to T. D. Stock and one-fourth to G. Seddon, Sydney, Australia. Head band for headwear. 2,106,075; Jan. 18.
- Tabor Manufacturing Company, The. (See Wallace, Frank R., assignor.)
- Tabor Manufacturing Company, The. (See Wiehsner, Raymond H., assignor.)
- Tacey, Gladys E., Detroit, Mich. Syringe. 2,112,581; Mar. 29.
- Tachat, Jeanne, assignor to Société Anonyme Bernard & Cie, Paris, France. Bust supporter. 2,131,457; Sept. 27.
- Taddonio, Joseph, East Boston, Mass. Display apparatus. 2,119,562; June 7.
- Tadewald, Albert O., La Crosse, Wis. Automatic feed and vacuum controlling device. 2,118,745; May 24.
- Tadewald, Albert O., La Crosse, Wis. Automatic speed and vacuum controlling device. 2,122,331; June 28.
- Tadros, Zaky, Cairo, Egypt. Apparatus for mechanically operating level crossing gates. 2,131,989; Oct. 4.
- Taff, Hugh L., San Luis Obispo, Calif. Steam drier. 2,139,985; Dec. 13.
- Taffe, John B., Detroit, Mich. Wheel suspension. 2,110,583; Mar. 8.
- Taft, Darwin, Bainbridge, N. Y., assignor to American Plastics Corporation. Method of and apparatus for operating a cutting tool. 2,109,786; Mar. 1.
- Taft, Marian H., Washington, D. C. Garment form and producing the same. 2,128,024; Aug. 23.
- Taft, Seymour, Flushing, N. Y. Shoe lace. 2,141,801; Dec. 27.
- Taggart, Matthew F. (See Reece, F. M., and Taggart.)
- Taggart, William N., Manoa, Pa., assignor, by mesne assignments, to Standard Trump Bros. Machine Co., Inc. Circular knitting machine and knitting. 2,117,920; May 17.
- Tagliabue, Charles J., Mfg. Co. (See Bast, Frank J., assignor.)
- Tagliabue, Charles J., Mfg. Co. (See Bast, F. J., and Sandberg, assignors.)
- Tagliabue, Charles J., Mfg. Co. (See Fairchild, Charles O., assignor.)
- Tagliabue, Charles J., Mfg. Co. (See Irwin, Lawrence C., assignor.)
- Taguchi, Junzo, Tokyo-ski, Japan. Attachment for artificial teeth. 2,107,966; Feb. 8.
- Taguchi, Junzo, Yotsuya-ku, Tokyo-shi, Japan. Attachment for artificial teeth. 2,130,656; Sept. 20.
- Taheny, Thomas J., Pawtucket, R. I. Nonrefillable bottle closure. 2,133,758; Oct. 18.
- Tahir, Feyzi, Faith, Istanbul, Turkey, assignor to American Machine & Foundry Company, New York, N. Y. Weighing or checking the weight of cigarettes. 2,121,191; June 21.
- Tailleferre, Henri, Paris, France. Fluidtight coupling. Re. 20,810; July 26.
- Tainton, Uryln C., Baltimore, Md. Metal treatment. 2,134,457; Oct. 25.
- Tait, James H., et al. (See Beck, Clarence E., assignor.)
- Tajima, Toyojiro, Mikage-cho, Hyogo-ken, Japan. Camera with solid bellows. 2,109,807; Mar. 1.
- Takach, Julius, Flushing Heights, Long Island, N. Y. Double slide window. 2,107,192; Feb. 1.
- Takata, Akira, Toyotsu-Mura, Kyoto-Gun, Fukuoka-Ken, Japan. Hemp dressing machine. 2,108,568; Feb. 15.
- Takats, Zoltan. (See Pratt, V. E., and Takats.)
- Talalay, Josef A., Bedford, England. Manufacture of rubber products, more particularly of porous and spongy masses and articles. 2,140,062; Dec. 13.
- Talalay, Josef A., Bedford, England. Producing resilient fibrous material for stuffing upholstery. 2,140,063; Dec. 13.
- Talbot, Bernadette M., Manchester, N. H. Curtain. 2,134,458; Oct. 25.
- Talbot-Crosbie, John B., and A. P. S. Macquisten, Glasgow, Scotland. Producing ammunition shell and like cases. 2,115,519; Apr. 26.
- Talbot-Crosbie, John B., and A. P. S. Macquisten, Glasgow, Scotland. Production of ammunition shells. 2,140,775; Dec. 20.
- Talbot, Harry W., San Francisco, Calif. Cocktail mixer and glass cooler. 2,115,753; May 3.
- Talbot, Harry W., San Francisco, Calif. Cocktail glass cooler. 2,127,706; Aug. 23.
- Talbot, Henry J., The Hague, Netherlands, assignor to The Dorr Company, Inc., New York, N. Y. Sewage sludge digestion. 2,132,837; Oct. 11.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Deflection compensating roll bearing assembly. 2,123,754; July 12.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Vertical mill. 2,124,677; July 26.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Sheet-handling apparatus. 2,124,678; July 26.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Rolling mill. 2,140,929; Dec. 20.
- Talbot, Howard H., and M. P. Sieger, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Strip uncoller. 2,140,928; Dec. 20.
- Talbot, Lloyd. (See Rubenstein, H. J., and Talbot.)
- Talbot, Ralph H., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing nitrocellulose. 2,118,275; May 24.
- Talbot, Ralph H., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Manufacture of resin films. 2,119,727; June 7.
- Talbot, Ralph H., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Polyvinyl acetal resin. 2,129,450; Sept. 6.
- Talbot, Ralph H., and B. E. Gramke, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Flowable composition comprising a polyvinyl formaldehyde acetal resin. 2,129,419; Sept. 6.
- Talbot, Richard C. (See Ferguson, J. L., and Talbot.)
- Talbot, William F., Framingham, assignor to Prophylactic Brush Company, Northampton, Mass. Brush bristles and making the same. 2,109,579; Mar. 1.
- Talton, Inc. (See Sundback, Gideon, assignor.)
- Talge, Foster L. (See Majewski, Joseph M., Jr., assignor.)
- Talge, Foster L. (See Rupert, Richard, assignor.)



- Taliaferro, Edward E., Jackson, Tenn. Escapement. 2,133,216; Oct. 11.
- Taliaferro, William R. (See Harder, E. L., Hibbard, and Taliaferro.)
- Taliaferro, William R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,125,055; July 26.
- Tallberg, Einer M., assignor to Michigan Die-Casting Company, Detroit, Mich. Sign. 2,124,440; July 19.
- Talley, Benjamin B., Fairfield, Ohio. Plotting device. 2,104,778; Jan. 11.
- Talley, Clyde. (See Tyree, H. J., Talley, and Gill.)
- Tallmadge, Everett S. (See Schlappritz, E. W., Olsen, and Tallmadge.)
- Tallman, Leslie R., Shelbyville, Ill. Pick-up mechanism. 2,141,493; Dec. 27.
- Tallman, Oscar F., assignor to James R. Kearney Corporation, St. Louis, Mo. Wire connector. 2,110,407; Mar. 8.
- Tallman, Oscar F., assignor to James R. Kearney Corporation, St. Louis, Mo. Cable clamp. 2,110,408; Mar. 8.
- Tallman, Oscar F., assignor to James R. Kearney Corporation, St. Louis, Mo. Ground clamp. 2,114,752; Apr. 19.
- Talmage, Everett, Sabina, Ohio. Roofing structure. 2,133,363; Oct. 18.
- Talmage, Floyd L., Kansas City, Kans., assignor to Ismert-Hincke Milling Company, Kansas City, Mo. Feeder. 2,129,451; Sept. 6.
- Talmage, John H., assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,109,241; Feb. 22.
- Talon, Inc. (See Carille, Alfred E., assignor.)
- Talon, Inc. (See De Voe, Albert H., assignor.)
- Talon, Inc. (See Naunton, W. J. S., and Corner, assignors.)
- Talon, Inc. (See Peterson, Burleigh B., assignor.)
- Talon, Inc. (See Poux, Noel J., assignor.)
- Talon, Inc. (See Quisling, Sverre, assignor.)
- Talon, Inc. (See Seaver, Elliot O., assignor.)
- Talon, Inc. (See Sipe, Harry E., assignor.)
- Talon, Inc. (See Sundback, Gideon, assignor.)
- Talon, Inc. (See Wintritz, George, assignor.)
- Talty, Francis E., Arlington, assignor to Daylight Fluoroscope Corporation, Cambridge, Mass. Fluoroscopic device. Re. 20,641; Jan. 25.
- Tama, Manuel, Zurich, Switzerland. Continuously casting pipe. 2,130,202; Sept. 13.
- Tamarin, Bernard J., Philadelphia, Pa. Combination cigarette package and opener and ejector therefor. 2,129,887; Sept. 13.
- Tamarin, Bernard J., Philadelphia, Pa. Shaping and associating a cigarette ejecting strip with a cigarette package. 2,129,888; Sept. 13.
- Tamea, Joseph. (See Fusetti, J., and Tamea.)
- Tamele, Miroslav W. (See Engs, W., de Jong, and Tamele.)
- Tamerlane, Rex L., Portland, Oreg., assignor to Columbia Steel Casting Company. Lower tumbler bearing seal for submersible bucket dredges. 2,127,493; Aug. 23.
- Tamis, Jack, New York, N. Y. Pencil. 2,107,879; Feb. 8.
- Tamm, Bror, Quincy, assignor to George Lawley & Son Corporation, Neponset, Mass. Roller reefing gear. 2,119,475; May 31.
- Tamper-Proof Seal Corporation. (See O'Neill, Frank, Jr., assignor.)
- Tampke, Hans. (See Kiesskalt, S., Tampke, Weingartner, and Winnacker, assignors.)
- Tanaka, Shinjiro, Hongo-Ku, Tokyo, assignor of one-half to J. Suzuki, Tokyo, Japan. Manufacturing a nourishment consisting mainly of glycoprotein. 2,119,302; May 31.
- Tandler, William S. (See Fisher, G., and Tandler.)
- Tandler, William S., and G. Fisher, New York, N. Y., assignors to Lefter Patent Company, Inc. Textile machine. 2,136,064; Nov. 8.
- Tandler, William S., and G. Fisher, New York, N. Y., assignors to Lefter Patent Company, Inc. Textile machine. 2,136,090; Nov. 8.
- Tangeman, Fred, Madison, Wis. Carton filling device. 2,122,302; June 28.
- Tangen, John, et al. (See Nyhus, Hilbert J., assignor.)
- Tangren, O. A., et al. (See Thompson, Lloyd O., assignor.)
- Tanial, Seichi, Yokohama, Japan, assignor to General Electric Company. Synchronizing apparatus. 2,115,595; Apr. 26.
- Tank, Ralph A. (See Dobrick, A. C., and Tank.)
- Tannenbaum, Fannie. (See Benninger, John M., assignor.)
- Tanner, Charles H., Los Angeles, Calif. Plumber's appliance. 2,139,702; Dec. 13.
- Tanner, Charles H., and E. Watkins, St. Cloud, Minn., J. M. Tanner administrator of said C. H. Tanner, deceased. Method of and apparatus for frost elimination. 2,105,435; Jan. 11.
- Tanner, Elo C. (See Tull, R. H., and Tanner.)
- Tanner, Elo C., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,130,515; Sept. 20.
- Tanner, Jessie M., administrator. (See Tanner, C. H., and Watkins.)
- Tanner, John B. (See Rodman, C. A., and Tanner.)
- Tanner, Moten E., Spartanburg, S. C. Beam lock. 2,130,203; Sept. 13.
- Tanner, Robert R., assignor to Parker-Wolverine Company, Detroit, Mich. Reproducing images. 2,127,944; Aug. 23.
- Tanner, Robert R., Detroit, Mich., assignor, by mesne assignments, to Parker Rust-Proof Company. Coated iron article. 2,137,968; Nov. 22.
- Tanner, Walter B., assignor to A. W. Reed, Boston, Mass. Power system. 2,115,435; Apr. 26.
- Tanner, Walton B., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of formamide. 2,106,579; Jan. 25.
- Tanner, Walton B., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyanide manufacture. 2,138,519; Nov. 29.
- Tanning Process Company, The. (See Connor, John H., assignor.)
- Tanning Process Company, The. (See Merritt, Matthew M., assignor.)
- Tanqueray, David Y. B., assignor to Baker Perkins Limited, Peterborough, England. Automatic control of washing and other machines. 2,137,928; Nov. 22.
- Tan-Sad Chair Company (1931) Limited, The. (See Gabb, Archibald H., assignor.)
- Tanson, Robert L., Oakland, Calif. Centrifugal switch. 2,123,084; July 5.
- Tapley, James M., Winnipeg, Manitoba, Canada. Damper. 2,116,648; May 10.
- Tapley, Ralph A., McMasterville, Quebec, Canada, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 2,131,574; Sept. 27.
- Tapley, William, Totton, Southampton, England. Pendulum control instrument. 2,108,695; Feb. 15.
- Taplin, Harold J., assignor to Gerrard Industries Limited, London, England. Strapping machine. 2,135,920; Nov. 8.
- Tappan Stove Company, The. (See Bauer, William, assignor.)
- Tappan Stove Company, The. (See Hoff, John G., assignor.)
- Tapparo, Anthony, Pittsburgh, Pa. Cutting apparatus. 2,130,045; Sept. 13.
- Tapper, Ambrose H. (See Billing, N. P., and Tapper.)
- Tarbox, John P., Philadelphia, Pa. Smoking pipe. 2,106,774; Feb. 1.
- Tarisien, Theophile, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Sneed controlled brake. Re. 20,613; Jan. 4.
- Tark, Marcus B., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Dual digestion process for sewage. 2,123,387; July 12.
- Tark, Marcus B., Philadelphia, Pa., assignor to Link Belt Company, Chicago, Ill. Skimming device for settling tanks. 2,137,421; Nov. 22.
- Tarleton, Frederic L., assignor to General Motors Corporation, Dayton, Ohio. Motor-compressor unit for refrigerating apparatus. 2,141,053; Dec. 20.
- Tarment, John H., Foxboro, Mass. Incinerator. 2,124,320; July 19.
- Tarof, Ernest L., Brooklyn, N. Y., assignor to Kerlow Steel Flooring Co., Jersey City, N. J. Grating expansion joint for bridges. 2,118,330; May 24.
- Tarof, Ernest L., Brooklyn, N. Y., assignor to Kerlow Steel Flooring Co., Jersey City, N. J. Grating traffic guide. 2,118,331; May 24.
- Tarrant, Harold, Sydney, New South Wales, Australia. Cooking utensil. 2,127,988; Aug. 23.
- Tarrant, John G., New York, N. Y. Attachment for smoking devices. 2,126,422; Aug. 9.
- Tarrant, Robert C., Port Washington, N. Y. Nursing bottle and nipple therefor. 2,105,170; Jan. 11.
- Tarrson, Albert J., et al. (See Dahlstrom, A., and Nelson, assignors.)
- Tarson, Andrew W. (See Tarson, Catherine, assignor.)
- Tarson, Catherine, assignor of one-half to A. W. Tarson, Cicero, Ill. Making a decorative design. 2,120,687; June 14.
- Tartaron, Francis X., Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Concentration of nonmetallic minerals. 2,105,826; Jan. 18.
- Tartaron, Francis X., Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Concentration of nonmetallic minerals. 2,105,827; Jan. 18.
- Tartaron, Francis X., Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Mineral concentration. 2,126,292; Aug. 9.
- Tarvin, Noble R. (See Legg, D. A., and Tarvin.)
- Tarwater Corporation, The. (See Tarwater, Lawson, assignor.)
- Tarwater, Lawson, assignor to The Tarwater Corporation, Los Angeles, Calif. Nut lock construction. 2,125,323; Aug. 2.
- Tascher, Joseph, Brooklyn, N. Y. Flickering device. 2,106,922; Feb. 1.
- Tashjian, Armen H., Cleveland Heights, Ohio. Conduit molding. 2,107,915; Feb. 8.
- Tashjian, Armen H., Cleveland Heights, Ohio. System of roof construction. 2,114,362; Apr. 19.
- Tasker, George H. (See Placke, E. H., and Tasker.)
- Tasker, Robert A., Fulton, assignor of one-third to H. N. Gates, Syracuse, N. Y. Diapering garment. 2,119,610; June 7.
- Tasman, George, Brooklyn, N. Y. Automobile door locking mechanism. 2,131,198; Sept. 27.



- Tassano, Antonio G., et al. (See Skidmore, Frank, assignor.)
- Tate, Christopher. (See Tate, Edward H., F. E. B., and C.)
- Tate, E. H., Company. (See Tate, Edward H., F. E. B., and C., assignors.)
- Tate, Edward H., F. E. B., and C., Malden, assignors to E. H. Tate Company, Boston, Mass. Wall hook. 2,105,061; Jan. 11.
- Tate, Edward H., F. E. B., and C., Malden, assignors to E. H. Tate Company, Boston, Mass. Wall hook. 2,105,062; Jan. 11.
- Tate, Frank E. B. (See Tate, Edward H., F. E. B., and C.)
- Tate, James, Los Angeles, Calif. Funnel support. 2,132,056; Oct. 4.
- Tate, John B. (See Mintert, H. J., and Tate.)
- Tate, John B., Riversdale, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Safety system for box making machines. 2,113,360; Apr. 5.
- Tate, Kenneth L. (See Olson, R. E., and Tate.)
- Tatnall, Joseph S., assignor to National Vulcanized Fibre Co., Wilmington, Del. Roll. 2,120,875; June 14.
- Tator, Kenneth, Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Container closure and lining composition. 2,134,217; Oct. 25.
- Tatosian, Martin, Chicago, Ill. Pie die. 2,138,247; Nov. 29.
- Tatsh, Otto A., San Antonio, Tex. Temporary trash bag holder. 2,117,689; May 17.
- Tatter, Louis G., Chicago, Ill. Welding shield. 2,105,018; Jan. 11.
- Tattersall, Harold J., Ardrossan, Scotland, assignor to Imperial Chemical Industries, Limited. Plastic compositions containing gelatinized nitrocellulose. 2,109,599; Mar. 1.
- Tatton, William A., and L. S. J. Thompson, Leek, England. Device for circulating liquids and for reversing the direction of flow thereof. 2,138,080; Nov. 29.
- Tatum, John J., Baltimore, Md. Car roof structure. 2,106,988; Feb. 1.
- Tatum, John J., Baltimore, Md. Floating diaphragm for vestibule cars. 2,132,327; Oct. 4.
- Tatum, John J., Baltimore, Md. Detachable car roof. 2,132,328; Oct. 4.
- Taub, Alex., assignor to General Motors Corporation, Detroit, Mich. Cylinder head. 2,133,592; Oct. 18.
- Taub, Ludwig, and F. Leuchs, Wuppertal-Elberfeld, Germany, assignors, by mesne assignments, to Alba Pharmaceutical Company, Inc., New York, N. Y. Quaternary ammonium compounds. 2,113,606; Apr. 12.
- Taub, Sol, New York, N. Y. Food check punching device. 2,131,601; Sept. 27.
- Taube, Carl. (See Honold, E., and Taube.)
- Taube, Carl. (See Schindhelm, H., Schultis, Schrader, and Taube.)
- Taubensee, Henry A. (See Geyer, Ernest H., assignor.)
- Taubensee, Henry A., assignor of one-half to E. H. Geyer, Chicago, Ill. Joint for concrete structures. 2,107,351; Feb. 8.
- Tauschek, Gustav, Welding, near Vienna, Austria. Reading machine. 2,115,563; Apr. 26.
- Tauschek, Gustav, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,113,634; Apr. 12.
- Tauschek, Gustav, assignor to International Business Machines Corporation, New York, N. Y. Luminous sign. 2,120,378; June 14.
- Tauscher, Arno E., Chicago, Ill. Radio receiving structure. 2,123,027; July 5.
- Tausz, Jeno, Petrolia, Pa., assignor to L. Sonneborn Sons, Inc. Alloy. 2,141,201; Dec. 27.
- Tausz, Martin, Chicago, Ill. Shaping fur heads of pelts. 2,107,916; Feb. 8.
- Tautz, Herbert E., Milwaukee, Wis. Circular saw apparatus. 2,106,288; Jan. 25.
- Tautz, Herbert E., Milwaukee, Wis. Variable speed drive. 2,133,593; Oct. 18.
- Tautz, Herbert E., Milwaukee, Wis. Broach. 2,140,146; Dec. 13.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Extension control means for tool guides. 2,108,036; Feb. 15.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Drill press adjustment. 2,110,537; Mar. 8.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Drill press table operating means. 2,122,966; July 5.
- Tautz, Herbert E., and M. Heinrich, Milwaukee, Wis., assignors to said H. E. Tautz. Stock feeding apparatus for screw machines. 2,108,274; Feb. 15.
- Tavani, Gennaro, Brooklyn, N. Y. Brooch assemblage. 2,111,105; Mar. 15.
- Tavenau, René D., Beacon, L. A. Clarke, Fishkill, and R. E. Manley, Beacon, assignors to The Texas Company, New York, N. Y. Solvent refining of mineral oil. 2,135,363; Nov. 1.
- Tavin, Frank, New York, N. Y., and H. Haas, Freehold, N. J., assignors to I. Eckstein, and M. Landau, doing business as I. D. Manufacturing Co., New York, N. Y. Making transparent pulling. 2,106,819; Feb. 1.
- Tawyer, James, Lisarow, Australia. Device for testing spark plugs and ignition circuits. 2,126,154; Aug. 9.
- Tax-Auditor Systems, Inc. (See Melhman, A., and Sheras, assignors.)
- Taxay, Julius, assignor, by mesne assignments, of one-half to J. M. Parker, and one-half to Miracle Household Appliance Corporation, Chicago, Ill. Coffee brewer. 2,135,543; Nov. 8.
- Taylor, Andrew, Saratoga Springs, assignor to Joe Lowe Corporation, New York, N. Y. Stick handling mechanism. 2,110,923; Mar. 15.
- Taylor, Arnold N., and N. P. Worden, assignors to C. M. Hall Lamp Company, Detroit, Mich. Lighting unit mounting. 2,138,075; Nov. 29.
- Taylor, Arnold N., and N. P. Worden, assignors to C. M. Hall Lamp Company, Detroit, Mich. Lighting unit mounting. 2,138,076; Nov. 29.
- Taylor, Arnold N., and N. P. Worden, assignors to C. M. Hall Lamp Company, Detroit, Mich. Lighting unit mounting. 2,138,077; Nov. 29.
- Taylor, Arnold N., and N. P. Worden, assignors to C. M. Hall Lamp Company, Detroit, Mich. Lighting unit mounting. 2,138,078; Nov. 29.
- Taylor, Arnold N., and N. P. Worden, assignors to C. M. Hall Lamp Company, Detroit, Mich. Lighting unit mounting. 2,138,079; Nov. 29.
- Taylor, Arthur K., assignor to The United States Printing and Lithograph Company, Baltimore, Md. Bronzer. 2,125,472; Aug. 2.
- Taylor, Burt E. (See Page, W., and Taylor.)
- Taylor, Carl A. (See Smith, J. B., Seavey, and Taylor.)
- Taylor, Carl C. (See Taylor, James Y., and C. C.)
- Taylor, Carl C., Brownwood, Tex., and J. Y. Taylor, Southbridge, Mass., assignor to Educational Laboratories, Inc. Recording eye movements. 2,132,520; Oct. 11.
- Taylor, Cecil H. (See Carroll, E. G., and Taylor.)
- Taylor, Charles C., Bayside, N. Y., assignor to American Telephone and Telegraph Company. Signal transmission system. 2,109,557; Mar. 1.
- Taylor, Charles H. (See Whitaker, U. A., White, and Taylor.)
- Taylor, Charles H., Toronto, Ontario, Canada. Apparatus for compressing air. 2,138,248; Nov. 29.
- Taylor, Claude C., Whittier, Calif. Well cleaner. 2,134,320; Oct. 25.
- Taylor, Claude C., Whittier, Calif. Bailer. 2,141,672; Dec. 27.
- Taylor, Daniel C., Huntington Park, assignor to Turco Products Inc., Los Angeles, Calif. Dispenser. 2,123,318; July 12.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature changing system. 2,127,472; Aug. 16.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switching mechanism. 2,137,550; Nov. 22.
- Taylor, Donald F., Hughson, Calif. Disk harrow. 2,114,549; Apr. 19.
- Taylor, Earl A., Austin, Tex., J. Y. Taylor, Southbridge, Mass., and C. C. Taylor, assignors to Educational Laboratories, Inc., Brownwood, Tex. Orthoptic training. 2,110,344; Mar. 8.
- Taylor, Edgerton F., New Haven, Conn., assignor to J. C. Lewis, New York, N. Y. Burglar and fire alarm. 2,139,703; Dec. 13.
- Taylor, Edmund R., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,137,036; Nov. 15.
- Taylor, Edward R., Lakewood, Ohio. Dispensing means for carbonated beverages. 2,125,248; July 26.
- Taylor, Edward W., assignor to S. G. Taylor Chain Co., Hammond, Ind. Antiskid cross chain. 2,107,431; Feb. 8.
- Taylor, Edward W., and C. Peterson, assignors to S. G. Taylor Chain Co., Hammond, Ind. Making chain links. 2,125,967; Aug. 9.
- Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Filling mechanism for electric fuses. 2,108,301; Feb. 15.
- Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Fuse soldering mechanism. 2,140,864; Dec. 20.
- Taylor Engineering Company. (See Hill, Robert H., assignor.)
- Taylor, Eural W., Arp, Tex. Reciprocating machine tool. 2,120,300; June 14.
- Taylor, Frank O., and H. M. Merker, assignors to Parke, Davis & Company, Detroit, Mich. Inhalant. 2,134,463; Oct. 25.
- Taylor, George, Daybrook, Arnold, Nottingham, assignor to Allen, Solly & Company, Limited, Nottingham, England. Straight bar knitting machine. 2,132,136; Oct. 4.
- Taylor, George N., East Providence, R. I., assignor to Universal Winding Company, Boston, Mass. Sizing device for winding machines. 2,116,453; May 3.
- Taylor, George O., Cicero, assignor to The Lubrication Corporation, Chicago, Ill. Fillet piston packing. 2,121,995; June 28.
- Taylor, Grace B., executrix. (See Taylor, John L.)
- Taylor, Guy M., Houston, Tex. Heating stove. 2,104,212; Jan. 4.
- Taylor, H. Birchard, et al. (See Gaines, Eugene F., assignor.)
- Taylor, H. Kenneth. (See MacDonald, Lionel H., assignor.)



- Taylor, Harden F., Scarsdale, and A. H. Cooke, Atlantic Beach, assignors to The Atlantic Coast Fisheries Company, New York, N. Y. Apparatus for conditioning containers. 2,126,934; Aug. 16.
- Taylor, Harry. (See McGill, A., and Taylor.)
- Taylor, Harry, Rushcutters Bay, near Sydney, New South Wales, Australia. Adjustable rim for vulcanizing molds. 2,115,349; Apr. 26.
- Taylor, Harry and W. I. Spondon, near Derby, England, assignors to Celanese Corporation of America. Operation for the production of staple fiber yarns from continuous filaments. 2,104,827; Jan. 11.
- Taylor, Harry C., Hammond, Ind. Brake beam support. 2,141,321; Dec. 27.
- Taylor, Harry W., Oak Park, Ill. Exhibiting and advertising device. 2,130,437; Sept. 20.
- Taylor, Herbert R. (See Kreilick, L. W., and Taylor.)
- Taylor, Howard W., Westerly, R. I., assignor to The Atwood Machine Company, Stonington, Conn. Spool bracket for winding machines. 2,114,972; Apr. 19.
- Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
- Taylor Instrument Companies. (See Hubbard, Karl H., assignor.)
- Taylor Instrument Companies. (See Hubbard, K. H., and Smith, assignors.)
- Taylor Instrument Companies. (See Olson, Raymond E., assignor.)
- Taylor Instrument Companies. (See Olson, R. E., and Tate, assignors.)
- Taylor Instrument Companies. (See Widmer, Jules A., assignor.)
- Taylor Instrument Companies. (See Young, William M., assignor.)
- Taylor, Irving P., and F. G. Bates, Highland Park, Mich. Combined can opener and dispenser for oil, antifreeze material, and the like. 2,131,238; Sept. 27.
- Taylor, J. E. (See Hill, Robert H., assignor.)
- Taylor, James, and W. Young, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Blasting explosive device. 2,129,388; Sept. 6.
- Taylor, James H., Hamilton, Ohio, assignor to Fairbanks, Morse & Co., Chicago, Ill. Power transmission mechanism. 2,129,107; Sept. 6.
- Taylor, James H., Oak Park, Ill. Making pipe fittings. 2,137,864; Nov. 22.
- Taylor, James Y. (See Taylor, Earl A., J. Y., and C. C.)
- Taylor, James Y. and C. C., assignors to Educational Laboratories, Inc., Brownwood, Tex. Educational device. 2,116,163; May 3.
- Taylor, James Y., Southbridge, Mass., and C. C. Taylor, assignors to Educational Laboratories, Inc., Brownwood, Tex. Educational device. 2,116,164; May 3.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 2,135,360; Nov. 1.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Support. 2,135,361; Nov. 1.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 2,135,362; Nov. 1.
- Taylor, John J., Wadsworth, and F. G. Bovard, Akron, assignors to The Ohio Brass Company, Mansfield, Ohio. Suspension insulator. 2,135,359; Nov. 1.
- Taylor, John L., deceased, Milwaukee, Wis.; G. B. Taylor, executrix. Static balancing machine. 2,110,343; Mar. 8.
- Taylor, John L., deceased, Milwaukee, Wis.; G. B. Taylor, executrix. Balancing machine. 2,123,443; July 12.
- Taylor, Joseph I., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Skein. 2,117,997; May 17.
- Taylor, Joseph I., and K. T. Schaefer, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Thread or fabric treatment. 2,139,389; Dec. 6.
- Taylor, Leonard, Port, Okla. Dam forming attachment. 2,107,967; Feb. 8.
- Taylor, Mastin, et al. (See Sollinger, Henry R., assignor.)
- Taylor, Matthew M., and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile yarn. 2,123,261; July 12.
- Taylor, Maurice. (See Costanzo, Carmen A., assignor.)
- Taylor, Maurice K., and S. Atkinson, Hollinwood, England, assignors to Ferranti Electric Inc., New York, N. Y. Synchronizing system. 2,113,470; Apr. 5.
- Taylor, Muriel J., et al. (See Warham, Robert F., assignor.)
- Taylor, Philip B. (See Campbell, K., and Taylor.)
- Taylor, Ralph S., et al., trustees. (See Simoneau, Charles B., assignor.)
- Taylor, Raymond, assignor to Bird & Yeomans, Limited, Earl Shilton, Leicestershire, England. Hose. 2,117,921; May 17.
- Taylor, Raymond B., Los Angeles, Calif. Fastener for doors and windows. 2,128,479; Aug. 30.
- Taylor, Raymond S., P. M. Torrance, and R. H. Anderson, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Inner tube. 2,120,379; June 14.
- Taylor, Reginald, Liverpool, and J. A. Mason, Cheshire, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. Re. 20,786; July 5.
- Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,113,119; Apr. 5.
- Taylor, Reginald, Liverpool, England and G. T. Baker, Caerphilly, Wales, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Automatic switch. 2,137,422; Nov. 22.
- Taylor, Reginald, Liverpool, England, and G. T. Baker, Caerphilly, Wales, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Automatic switch. 2,137,423; Nov. 22.
- Taylor, Roy G., San Jose, assignor to American Box Corporation, San Francisco, Calif. Box nailing machine. 2,111,081; Mar. 15.
- Taylor, Russell C., Greenwich, Conn., assignor to American Can Company, New York, N. Y. Liquid dispensing device. 2,138,046; Nov. 29.
- Taylor, Rutherford H., Millburn, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Forming diamond tools. 2,104,708; Jan. 4.
- Taylor, Rutherford H., Millburn, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Method of and apparatus for setting cutting stones. 2,126,058; Aug. 9.
- Taylor, S. G., Chain Co. (See Taylor, Edward W., assignor.)
- Taylor, S. G., Chain Co. (See Taylor, E. W., and Peterson, assignors.)
- Taylor, Stanley D. (See Murphy, E. A., and Taylor.)
- Taylor, Stanley D. (See Murphy, E. A., Madge, Taylor, and Pounder.)
- Taylor, Steadman O. (See Strid, S. J., and Taylor.)
- Taylor, Tom, assignor to The Thrissel Engineering Company, Limited, Bristol, England. Printing machine. 2,109,808; Mar. 1.
- Taylor, Waldo E., Randolph Field, Tex. Display case and dispenser of canned and packaged supplies. 2,124,500; July 19.
- Taylor, Warren G., Chicago, Ill. Vacuum tube. 2,130,204; Sept. 13.
- Taylor-Wharton Iron & Steel Company. (See Hanks, George R., assignor.)
- Taylor, William I. (See Dreyfus, H., and Taylor.)
- Taylor, William I. (See Taylor, Harry and W. I.)
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Conversion of continuous filaments into yarn containing staple fiber. 2,112,937; Apr. 5.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Conversion of continuous filaments into yarn containing staple fiber. 2,112,938; Apr. 5.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Conversion of continuous filaments into yarn containing staple fiber. 2,112,939; Apr. 5.
- Taylor, William I., and L. B. Gibbins, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for converting continuous filaments into products containing staple fiber. 2,140,566; Dec. 20.
- Taylor, William J. (See Thomas, N. M., and Taylor.)
- Taylor, William J., Nutley, N. J. Wire fabric seam and making same. 2,137,789; Nov. 22.
- Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Machine for making frozen confections. 2,124,387; July 19.
- Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Confection machine. 2,127,850; Aug. 23.
- Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Conveyer mechanism. 2,129,510; Sept. 6.
- Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Conveyer mechanism. 2,136,267; Nov. 8.
- Taylor, William S., Seattle, Wash. Folding cleat or grouser. 2,141,421; Dec. 27.
- Taylor, Wilton M., Fort Worth, Tex. Street sign. 2,114,943; Apr. 19.
- Taysen, Frederick E., Lincoln, Calif. Underground water transfer system. 2,135,860; Nov. 8.
- Taywal Ltd. (See Epperson, Newell M., assignor.)
- Tea, Clark A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Weather strip. 2,121,893; June 28.
- Tea, Clark A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Weather strip. 2,139,780; Dec. 13.
- Teague, Raleigh E. (See Brotzman, L. G., and Teague.)
- Teahen, James M., Detroit, Mich. Flushing apparatus. 2,131,765; Oct. 4.
- Teall, Oliver E., Utica, assignor to The Sterilek Company, Brooklyn, N. Y. Machine for making sanitary pads. 2,121,454; June 21.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricant dispenser. 2,106,023; Jan. 13.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,109,832; Mar. 1.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,112,450; Mar. 29.



- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,116,004; May 3.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,118,367; May 24.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Cartridge for lubricants and other materials. 2,120,007; June 7.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Dispenser. 2,120,008; June 7.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,121,996; June 28.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,126,423; Aug. 9.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,126,424; Aug. 9.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,128,382; Aug. 30.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,128,383; Aug. 30.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Cartridge for lubricants or the like. 2,131,487; Sept. 27.
- Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Dispenser. 2,131,488; Sept. 27.
- Tear, Harry R., Evanston, and O. B. Clark, assignors to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,116,005; May 3.
- Tear, Harry R., Evanston, and G. K. Squier, Highland Park, assignors to The Lubrication Corporation, Chicago, Ill. 2,123,755; July 12.
- Tear, James D. (See Poitras, E. J., and Tear.)
- Teare, Albert R., trustee. (See Welker, Oscar B., assignor.)
- Tears, Claude F., Warren, Pa., assignor to The Petroleum Processes Corporation, Wichita, Kans. High melting point wax and production of same. Re. 20,623; Jan. 11.
- Tears, Claude F., Warren, Pa., assignor to The Petroleum Processes Corporation, Wichita, Kans. Lubricating oil refining process. 2,113,008; Apr. 5.
- Tears, Claude F., Warren, Pa., assignor to The Petroleum Processes Corporation, Wichita, Kans. Swing line. 2,113,009; Apr. 5.
- Tears, Claude F., Warren, Pa., assignor to The Petroleum Processes Corporation, Wichita, Kans. Reactivation of oil decolorizing mediums. 2,113,010; Apr. 5.
- Teatini, Dario, Hougaerde, Belgium. Centrifugal separator. 2,110,778; Mar. 8.
- Teatini, Dario, Hougaerde, Belgium. Furnace for producing sulphurous gas. 2,133,594; Oct. 18.
- Tebbutt, John T., Three Rivers, Quebec, Canada. Shoe. 2,109,324; Feb. 22.
- Tebbo, David A., Lawrence, Mass., assignor to U. S. Bobbin & Shuttle Company, Manchester, N. H. Ear clip catch for shuttles. 2,118,870; May 31.
- Tebbo, David A., Lawrence, Mass., assignor to U. S. Bobbin & Shuttle Company, Manchester, N. H. Yarn tension. 2,119,611; June 7.
- Tebbo, William A., Anthony, R. I. Shuttle tension. 2,107,917; Feb. 8.
- Tebbo, William A., Anthony, R. I. Shuttle. 2,125,405; Aug. 2.
- Technical Oil Tool Corporation. (See Culbertson, Joe W., assignor.)
- Technicolor Motion Picture Corporation. (See Ball, Joseph A., assignor.)
- Technidyne Corporation. (See Jones, L. L., and Yolles, assignors.)
- Technik und Investment Aktiengesellschaft. (See Scharwez, Paul, assignor.)
- Technik und Investment Aktiengesellschaft. (See Schwarze, P., and Setzer.)
- Techno Chemie Kommanditgesellschaft Kessler & Co., et al. (See Vohrer, Herbert, assignor.)
- Tedham, William F. (See Shoenberg, I., Condliffe, and Tedham.)
- Teed, William M., Boston, Mass. Valve. 2,110,924; Mar. 15.
- Teepie, Lawrence R., Portland, Oreg. Pneumatic control for air supplied to a stoker. 2,108,873; Feb. 22.
- Teepie, Lawrence R., Portland, Oreg. Thermo periodic control for coal stokers. 2,119,187; May 31.
- Teetor, Paul, Poulitney, Vt., assignor to Central Commercial Company. Colored roofing granules and manufacturing the same. 2,133,728; Oct. 18.
- Teetor, Ralph J., Cadillac, Mich. Clamp. 2,108,151; Feb. 15.
- Teetor, Ralph R., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston. 2,110,345; Mar. 8.
- Teetor, Ralph R., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston. 2,110,346; Mar. 8.
- Teetor, Ralph R., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring expander. 2,110,562; Mar. 8.
- Tefft, Erving W. (See Jackson, D. D., and Tefft.)
- Tefft, Ivan D., assignor to The Parker Pen Company, Jancsville, Wis. Desk set. 2,110,007; Mar. 1.
- Tefft-Jackson, Incorporated. (See Jackson, D. D., and Tefft, assignors.)
- Tegarden, John E. (See, See, T. S., Tegarden, and Williams.)
- Tegarty, John B., assignor to Thermo-Plastics, Inc., St. Clair, Mich. Method and apparatus for making thermo-plastic tubing. 2,140,213; Dec. 13.
- Tege, Albert R., assignor to Bridgeport Brass Company, Bridgeport, Conn. Third rail. 2,136,766; Nov. 15.
- Teichner, Harry, Chicago, Ill. Frozen egg product and method of making. 2,114,195; Apr. 12.
- Telco Corporation. (See Hoyt, Karl R., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Alexandersson, H. V., and Blomberg, assignors.)
- Telefonaktiebolaget L. M. Ericsson. (See Blomberg, Knut H., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Loundholm, R. O., and Spanne, assignors.)
- Telefonaktiebolaget L. M. Ericsson. (See Schewelov, Pja, assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Vos, Mauritz, assignor.)
- Telefonbau und Normalzeit Aktiengesellschaft. (See Lahl, Alfred, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Andrieu, Robert, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bähler, Justus, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bartels, Hans, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Berndt, W., and Gothe, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Berndt, W., and Paul, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bruckner, Richard, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bruckner, R., and Gürtler, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, Werner, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, W., and Bruckner, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Diels, Kurt, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ewald, Wolfgang F., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Federmann, W., and Richter, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Fritz, Karl, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Fritz, K., and von Radinger, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Geiger, Max, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gerhard, Ernst, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gerlach, Erwin, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, Albrecht, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hagen, Gerhard, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hagenhaus, Kurt, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hensel, B., Hess, and Richter, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hofer, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hollmann, Hans E., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, Günther, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, G., and Klotz, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kautter, Wolfgang, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Klippenberg, Hermann, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Klippenberg, H., and Künzer, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, Max, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, M., and Rzeheika, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, M., and Sommerfeld, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Krenfeld, Friedrich, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kriebel, Walter, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kummerer, W., and Gürtler, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kurlbaum, Georg, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, August, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, A., and Kühnwind, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leig, Leopold, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Lux, Helmut, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Moser, Wilhelm, assignor.)



- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Muth, Berbert, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Muth, H., and Runge, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Osnos, Mendel, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Peeck, P., Johannesson, and Marcand, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. (See Pitsch, Helmut, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Pohontsch, Max, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Prochnow, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Protze, Curt, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Richter, J., Hensel and Hess, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rohnfeld, Johannes, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rothe, Horst, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rothe, H., and Kleen, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, Wilhelm, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schalkwijk, Jan, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Scharlau, Hans, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. (See Schienemann, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schleede, A., and Bartels, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schleede A., and Schroter, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schmid, Kurt, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schmidt, Arthur, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schriever, Otto, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröder, Heinrich, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, F., and Schleede, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schwarz, Karl, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Severin, E., and Brünner, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steimel, Karl, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Thienhaus, Erich, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ullbricht, Günther, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Vogt, Karl, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Voigt, Willi, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Weber, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wehnert, Waldemar, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Weiss, Otto, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wilhelm, Karl, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. (See Zeppler, Erich, assignor.)
- Telegraph Construction & Maintenance Company. (See Smith, E. W., Dean, and Mattingley, assignors.)
- Telehor Aktien Gesellschaft. (See von Mihály, Dénes, assignor.)
- Telephon-Apparat Fabrik E. Zwietusch & Co. (See Döhle, Hinrich, assignor.)
- Teleradio Engineering Corporation. (See Ketcham, Lyman G., assignor.)
- Telegregister Corporation, The. (See Haselton, Merton L., assignor.)
- Telegregister Corporation, The. (See Herbst, John A., assignor.)
- Telegregister Corporation, The. (See Hicks, R. M., and Leroy, assignors.)
- Teleswitch Corporation. (See Gibbs, Leon M., assignor.)
- Teletype Corporation. (See Benjamin, Abraham S., assignor.)
- Teletype Corporation. (See Burcky, Charles W., assignor.)
- Teletype Corporation. (See Carr, J. O., and Reiber, assignors.)
- Teletype Corporation. (See Grey, Victor, assignor.)
- Teletype Corporation. (See Kleinschmidt, Edward E., assignor.)
- Teletype Corporation. (See Kleinschmidt, Edward E., and E. F., assignors.)
- Teletype Corporation. (See Pagenkopf, Walter H., assignor.)
- Teletype Corporation. (See Potts, Louis M., assignor.)
- Teletype Corporation. (See Zenner, Raymond E., assignor.)
- Teletype Corporation. (See Zenner, Walter J., assignor.)
- Teletype Corporation. (See Zenner, W. J., and Janiszewski, assignors.)
- Teletypesetter Corporation. (See Goetz, Maurus T., assignor.)
- Teletypesetter Corporation. (See Goetz, M. T., and Hudson, assignors.)
- Teletypesetter Corporation. (See Lake, Ross A., assignor.)
- Teletypesetter Corporation. (See Potts, Louis M., assignor.)
- Teletypesetter Corporation. (See Sylvester, Kimmel, A., assignor.)
- Telford, William M., Warwick, Queensland, Australia. Updraft gas producers. 2,134,492; Oct. 25.
- Tellegen, Bernardus D. H. (See Henriquez, V. C., and Tellegen.)
- Tellegen, Bernardus D. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifier control circuits. 2,104,682; Jan. 4.
- Tellegen, Bernardus D. H., and M. Ziegler, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electron discharge device. 2,134,896; Nov. 1.
- Teller, Fritz. (See Hopff, H., Garbsch, and Teller.)
- Teller, Grace, et al. (See Teller, J., and Schulz, assignors.)
- Teller, Jacob, New Rochelle, N. Y., and A. P. Schulz, Rockford, assignors, by mesne assignments, to said J. Teller and G. Teller, Chicago, Ill. Cooking stove or range. 2,116,854; May 10.
- Tellkamp, Roland F., Davenport, Iowa. Motor vehicle safety means. 2,116,915; May 10.
- Tellor, Martin. (See Hart, Peter F., assignor.)
- Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Adjustable trimmer for collapsible tube making machines. 2,114,272; Apr. 12.
- Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube extruding press. 2,125,249; July 26.
- Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Tumbler. 2,131,260; Sept. 27.
- Temple, Harold F., Freeport, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube. 2,125,250; July 26.
- Temple, John C., New York, N. Y. Surfacing machine. 2,104,062; Jan. 4.
- Temple, John C., New York, N. Y. Surfacing machine. 2,118,276; May 24.
- Temple, John C., New York, N. Y. Surfacing machine. 2,132,661; Oct. 11.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Furnace. 2,118,121; May 24.
- Temple, Robert, Jr., Brooklyn, N. Y. Circuit breaker. 2,104,914; Jan. 11.
- Temple, Robert, Jr., Pittsburgh, Pa. Press. 2,133,364; Oct. 18.
- Temple, Robert, Jr., Pittsburgh, Pa. Explosively actuated tool. 2,140,214; Dec. 13.
- Temple, Robert, Jr., Pittsburgh, Pa. Cable cutter. 2,140,338; Dec. 13.
- Temple, Robert, Jr., Pittsburgh, Pa., assignor to Robert Temple, Inc., Denver, Colo. Producing couplings. 2,131,766; Oct. 4.
- Temple, Robert, Inc. (See Temple, Robert, Jr., assignor.)
- Temple, Robert B. (See Eksbergian, C. L., and Temple.)
- Templeton, John B., Dallas, Tex. Pile-driving attachment for booms. 2,134,989; Nov. 1.
- Templeton, Kenly & Company. (See Tintera, G. E., and Gahl, assignors.)
- Templeton, Robert P., assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Strip fastener release. 2,135,364; Nov. 1.
- Temporator Company. (See Rollins, Arch D., assignor.)
- Temte, Nils O., assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype plate casting mechanism. 2,141,802; Dec. 27.
- Tenant, Joseph A., assignor to Abercrombie Pump Company, Houston, Tex. Relief valve. 2,141,847; Dec. 27.
- Ten Bosch, Abraham, N.J., assignor to Naamloze Venootschap: Maatschappij tot Exploitatie van "ten Bosch Octrooien N. V.", Arnhem, Netherlands. Manufacturing briquettes. 2,133,675; Oct. 18.
- Ten Broeck, Walter T. L., Dolok, Merangir, East Coast Sumatra, assignor to Wingfoot Corporation, Wilmington, Del. Treatment of latex. 2,123,862; July 12.
- Ten Broek, Alexander P. A., Kediri, Java, Dutch East Indies. Universal coupling. 2,121,455; June 21.
- Ten Broek, Alexander P. A., Kediri, Java, Dutch East Indies. Clutch. 2,129,108; Sept. 6.
- Tenbrook, John, Sepulveda, Calif. Gopher trap. 2,125,595; Aug. 2.
- Ten Cate, Steven Jan B., Kootwijk, Netherlands. Manufacturing artificial compositions. 2,131,022; Sept. 27.
- Tennant, John D. (See Scheffey, George B., assignor.)
- Tennant, William C., Moundsville, W. Va. Shade and rod fixture. 2,141,095; Dec. 20.



- Tennessee Furniture Corporation. (See Reilly, William I., assignor.)
- Tennessee Stove Works. (See Matthews, George D., assignor.)
- Tenney, Alvan H. (See Clapsadle, L. J., and Tenney.)
- Tenney, Ashton M., New Rochelle, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Fabric. 2,112,123; Mar. 22.
- Tenney, Charles I., Minneapolis, Minn., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Making combustible gas. 2,129,248; Sept. 6.
- Tenney, Perry L., East Lansing, assignor to General Motors Corporation, Detroit, Mich. Power transmission control mechanism. 2,115,089; Apr. 26.
- Tenney, Perry L., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Synchronizing transmission mechanism. 2,131,199; Sept. 27.
- Teodorini, Osmond, New York, N. Y., assignor of thirty-three per cent to The Granada Finance Company, Limited, Granada, British West Indies. Detachable heel. 2,115,050; Apr. 26.
- Teodorini, Osmond, New York, N. Y., assignor of thirty-three per cent to The Granada Finance Company Limited, Granada, British West Indies. Heel construction for shoes. 2,115,350; Apr. 26.
- Te Pas, Edmund J., Rocky River, assignor to W. A. Frantz, Cleveland Heights, Ohio. Attachment plug. 2,108,907; Feb. 22.
- Teppema, Jan, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Mercaptazole derivatives and their preparation. 2,109,158; Feb. 22.
- Tepper, Joseph, Boston, Mass. Easel. 2,127,494; Aug. 23.
- Ter Horst, William P., Packnack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,131,126; Sept. 27.
- Ter Horst, William P., Silver Lake, Ohio, assignor to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,131,127; Sept. 27.
- Ter Horst, William P., Packnack Lake, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Pickling inhibitor. 2,131,790; Oct. 4.
- Ternstedt Manufacturing Company. (See Bachor, Ludwig A., assignor.)
- Ternstedt Manufacturing Company. (See Flynn, John B., assignor.)
- Ternstedt Manufacturing Company. (See Hickman, John G., assignor.)
- Ternstedt Manufacturing Company. (See Jensen, Otto H., assignor.)
- Ternstedt Manufacturing Company. (See Rhein, Lloyd R., assignor.)
- Ternstedt Manufacturing Company. (See Rhein, L. R., and Cooley, assignors.)
- Ternstedt Manufacturing Company. (See Simpson, Emory G., assignor.)
- Ternstedt Manufacturing Company. (See Simpson, E. G., and Andersen, assignors.)
- Ternstedt Manufacturing Company. (See Van Voorhees, Harold E., assignor.)
- Terrell, Charles F., Jr., assignor to The Pure Oil Company, Chicago, Ill. Indicator and metering device. 2,117,922; May 17.
- Terrell, Charles F., Jr., assignor to The Pure Oil Company, Chicago, Ill. Fluid flow indicator. 2,137,102; Nov. 15.
- Terrell Machine Company, The. (See Kleeb, Leonard, Jr., assignor.)
- Terrell, Ralph A., assignor to Borg-Warner Corporation, Chicago, Ill. Electric welding apparatus. 2,107,093; Feb. 1.
- Terrell, Wilfrid H. (See Van Dorn, W. E., and Terrell.)
- Terres, Ernest, New York, and E. Saegebarth, Long Island City, N. Y., and J. Moos, Berlin-Mariendorf, assignors, by mesne assignments, to Edleanu Gesellschaft, m. b. H., Berlin, Germany. Solvent treatment of naphthas and the like. 2,118,771; May 24.
- Terres, Ernest, New York, and E. Saegebarth, Long Island City, N. Y., and J. Moos, Berlin-Mariendorf, assignors, by mesne assignments, to Edleanu Gesellschaft, m. b. H., Berlin, Germany. Treatment of hydrocarbons with chromylchloride. 2,118,772; May 24.
- Terres, Ernest, New York, E. Saegebarth, Long Island City, N. Y., J. Moos, Berlin-Mariendorf, and H. Ramser, Berlin-Steglitz, assignors, by mesne assignments, to Edleanu Gesellschaft, m. b. H., Berlin, Germany. Refining mineral oils. 2,140,485; Dec. 13.
- Terres, Ernest, Berlin, Germany, J. Moos, New York, and H. Ramser, Long Island City, N. Y., assignors to Edleanu Gesellschaft m. b. H. Refining mineral oils by means of inorganic fluorine compounds. 2,135,922; Nov. 8.
- Terres, Ernst, Berlin, Germany, J. Moos, New York, and H. Ramser, Long Island City, N. Y., assignors to Edleanu Gesellschaft m. b. H. Refining mineral oils by means of aromatic fluorine compounds. 2,136,767; Nov. 15.
- Terres, Ernst, Berlin, Germany, J. Moos, New York, and E. Saegebarth, Jackson Heights, N. Y., assignors to Edleanu Gesellschaft m. b. H. Refining hydrocarbon oils by means of benzol derivatives. 2,138,773; Nov. 20.
- Terres, Ernst, Berlin, Germany, J. Moos, New York, and E. Saegebarth, Jackson Heights, N. Y., assignors to Edleanu Gesellschaft, m. b. H. Refining hydrocarbon oils by means of halogen compounds. 2,141,143; Dec. 20.
- Terrett, Joseph. (See Mayo, A. C., and Terrett.)
- Terry, Albert V., Headless Cross, Redditch, England. Toast rack. 2,137,369; Nov. 22.
- Terry, Andrew, Company, The. (See Bondeson, Carl G., assignor.)
- Terry, Charles R. et al. (See Money, Benjamin F., assignor.)
- Terry, Donald M. (See Cox, L. R., and Terry.)
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Cleansing device for rock drills. 2,125,133; July 26.
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Drilling tool. 2,137,658; Nov. 22.
- Terry, Killey E., Cumberland Mills, Maine, assignor to S. D. Warren Company, Boston, Mass. Air doctor. 2,139,628; Dec. 6.
- Terry, Paul H., Larchmont, N. Y. Production of motion pictures of the animated cartoon type. 2,127,656; Aug. 23.
- Terry, Roy V., Montclair, N. J., assignor to Belle Telephone Laboratories, Incorporated, New York, N. Y. Film driving element. 2,137,037; Nov. 15.
- Terry, Spencer B., West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Precision gauge. 2,122,664; July 5.
- Terry, Spencer B., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Continuous gauge. 2,137,368; Nov. 22.
- Terry, Spencer B., West Hartford, and R. S. Fox, Hartford, assignors to Niles-Bement-Pond Company, Hartford, Conn. Continuous gauge head. 2,115,351; Apr. 26.
- Terry, Warren. (See Gray, Dale B., assignor.)
- Terry, William B. (See Murphy, John J., assignor.)
- Terwilliger, Charles O., assignor, by mesne assignments, to T. Swann, Birmingham, Ala. Producing isopulegol. 2,117,463; May 17.
- Terwilliger, Charles O., assignor, by mesne assignments, to The First National Bank of Birmingham, Birmingham, Ala. Making crystalline menthol. 2,139,390; Dec. 6.
- Terwilliger, Ivan M., Altadena, Calif. Cinematography to produce stereoscopic solid effects. 2,104,779; Jan. 11.
- Terzo, John. (See Terzo, Natale, assignor.)
- Terzo, Natale, assignor to J. Terzo, New York, N. Y. Support and gauge for curtain rods. 2,109,346; Feb. 22.
- Teshar, Saul, Brooklyn, and S. A. Korones, New York, N. Y. Holder for a roll of strip material. 2,106,363; Jan. 25.
- Tesseyman, John E., and L. G. Miller, Bethlehem, Pa., assignors to Bethlehem Steel Company. Welded car end frame. 2,119,367; May 31.
- Tessier, Albert E., Detroit, Mich. Coin-controlled advertisement exhibitor. 2,111,340; Mar. 15.
- Tessky, Karl, Esslingen-on-the-Neckar, Germany. Lathe. 2,113,668; Apr. 12.
- Tessky, Karl, Esslingen-on-the-Neckar, Germany. Lathe. 2,124,216; July 19.
- Test, William H., Los Angeles, Calif. Production of vegetable concentrates. 2,131,394; Sept. 27.
- Testa, Giovanni. (See Matthias, E., and Testa.)
- Testi, Nicholas. (See Smith, T. L., and Testi.)
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Mechanical powder puff. 2,105,621; Jan. 18.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,120,009; June 7.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,134,960; Nov. 1.
- Teter, George W., Fairplay, Colo. Tire tool. 2,124,836; July 26.
- Teter, Howard W., Kansas City, Mo. Air vent valve attachment. 2,139,867; Dec. 13.
- Tetty, Edward, Medora, N. Dak. Pliers. 2,125,406; Aug. 2.
- Tetrault, Hector, Bourbonnais, Ill. Towing apparatus. 2,111,341; Mar. 15.
- Teizlaff, Benjamin A. (See Vaver, Walter, assignor.)
- Teuer, Leo. (See Weisz, Arthur, assignor.)
- Teunis, William C., Detroit, Mich. Cream separator and milk container. 2,112,233; Mar. 29.
- Tennon, Charles G., Trenton, N. J. Building unit. 2,130,911; Sept. 20.
- Tevander, Olof N., assignor to Standard Cap and Seal Corporation, Chicago, Ill. Bottle capping machine. 2,126,840; Aug. 16.
- Tevens, Alfred, Maschinen- und Armaturenfabrik Gesellschaft m. b. H. (See Enzel, Ernst, assignor.)
- Tevens, Martin C. (See Penning, P. M., Tevens, and Lema.)
- Tevens, Martin C., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Phototube. 2,112,124; Mar. 22.
- Tevens, Martin C., and J. H. de Boer, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Phototube. 2,107,352; Feb. 8.
- Texas Company, The. (See Barron, Joseph M., assignor.)



- Texas Company, The. (See Broussard, Frank P., assignor.)
- Texas Company, The. (See Case, Arthur B., assignor.)
- Texas Company, The. (See Clarke, Louis A., assignor.)
- Texas Company, The. (See Clarke, L. A., and Towne, assignors.)
- Texas Company, The. (See Clifton, Reginald J., assignor.)
- Texas Company, The. (See Dearborn, Richard J., assignor.)
- Texas Company, The. (See de Florez, Luis, assignor.)
- Texas Company, The. (See de Florez, L., Gray, and Bach, assignors.)
- Texas Company, The. (See Detwiler, James G., assignor.)
- Texas Company, The. (See Eastman, Du Bois, assignor.)
- Texas Company, The. (See Evans, Louis P., assignor.)
- Texas Company, The. (See Gallsworthy, Benjamin, assignor.)
- Texas Company, The. (See Gallsworthy, B., and Scanlin, assignors.)
- Texas Company, The. (See Gauss, Philip W., assignor.)
- Texas Company, The. (See Gee, William P., assignor.)
- Texas Company, The. (See Grahame, J. H., and Douthett, assignors.)
- Texas Company, The. (See Gross, H. H., and Kiersted, assignors.)
- Texas Company, The. (See Harris, William A., assignor.)
- Texas Company, The. (See Hawkins, Robert R., assignor.)
- Texas Company, The. (See Hendrey, Waldersee B., assignor.)
- Texas Company, The. (See Hendrey, W. B., and Cook, assignors.)
- Texas Company, The. (See Holmes, Will K., assignor.)
- Texas Company, The. (See Kaufman, Gus, assignor.)
- Texas Company, The. (See Kaufman, G., and Nelson, assignors.)
- Texas Company, The. (See Kendall, Marcus T., assignor.)
- Texas Company, The. (See Knowles, Edwin C., assignor.)
- Texas Company, The. (See Knowles, E. C., and McNealy, assignors.)
- Texas Company, The. (See Kuhn, Wayne E., assignor.)
- Texas Company, The. (See Kuhn, W. E., and Kemp, assignors.)
- Texas Company, The. (See Lauer, C. E., and Phillips, assignors.)
- Texas Company, The. (See Manley, Robert E., assignor.)
- Texas Company, The. (See Manley, R. E., McCarty, and Gross, assignors.)
- Texas Company, The. (See McCarty, Bernard Y., assignor.)
- Texas Company, The. (See McCray, Howard S., assignor.)
- Texas Company, The. (See McJunkin, Paul, assignor.)
- Texas Company, The. (See Merwin, George E., assignor.)
- Texas Company, The. (See Nelson, Roy F., assignor.)
- Texas Company, The. (See Overbaugh, Walter V., assignor.)
- Texas Company, The. (See Pevere, Ernest F., assignor.)
- Texas Company, The. (See Poole, William C., assignor.)
- Texas Company, The. (See Powell, Ross C., assignor.)
- Texas Company, The. (See Ransom, S. H., Jr., and Fairbairn, assignors.)
- Texas Company, The. (See Stapleton, Victor, assignor.)
- Texas Company, The. (See Story, Leroy G., assignor.)
- Texas Company, The. (See Stryker, D., and Grahame, assignors.)
- Texas Company, The. (See Taveau, R. D., Clarke, and Manley, assignors.)
- Texas Company, The. (See Thurston, Robert R., assignor.)
- Texas Company, The. (See Towne, Charles C., assignor.)
- Texas Company, The. (See Watson, Claude W., assignor.)
- Texas Company, The. (See Wolf, A., Cowles, and Richardson, assignors.)
- Texas Company, The. (See Wolf, O., and Powell, assignors.)
- Texas Gulf Sulphur Company. (See Duecker, Werner W., assignor.)
- Texter, Howard G., Tulsa, Okla., assignor to The National Supply Company, Pittsburgh, Pa. Oil well casing. 2,110,779; Mar. 8.
- Texter, Howard G., Tulsa, Okla., assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Well casing joint. 2,111,196; Mar. 15.
- Textile-Finishing Machinery Company, The. (See Rusden, Richard E., assignor.)
- Textile Machine Works. (See Bitzer, Gottlob, assignor.)
- Textile Machine Works. (See Curry, Percy S., assignor.)
- Textile Machine Works. (See Gastrich, Gustav, assignor.)
- Textile Machine Works. (See Janssen, Henry, assignor.)
- Textile Machine Works. (See Poeschmann, Max, assignor.)
- Textile Machine Works. (See Richter, Max, assignor.)
- Textile Machine Works. (See Richter, M., and Bareiss, assignors.)
- Textile Machine Works. (See Schmidt, Paul, assignor.)
- Textile Machine Works. (See Zwicky, M., and Anke, assignors.)
- Textor, Clinton K., assignor to The Northwest Paper Company, Cloquet, Minn. Port closure device. 2,117,774; May 17.
- Textor, Clinton K., assignor to The Northwest Paper Company, Cloquet, Minn. Apparatus for chlorinating pulp. 2,130,402; Sept. 20.
- Thabur, Industriele en Technische Handelsmaatschappij N. V. (See van Viersen, Jacob H., assignor.)
- Thackray, Carden C., Westmount, Quebec, Canada, assignor to United States Rubber Products, Inc., New York, N. Y. Covering perforated rolls. 2,115,543; Apr. 26.
- Thackston, William J., Haddon Heights, N. J., assignor to Röhm & Haas Company, Philadelphia, Pa. Finishing textiles. 2,137,465; Nov. 22.
- Thaete, William L., Trenton, Utah. Faucet. 2,124,155; July 19.
- Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Swab. 2,109,913; Mar. 1.
- Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Well swab. 2,119,252; May 31.
- Thal, Wilhelm, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. System for measuring a component of an alternating current or an alternating voltage. 2,109,325; Feb. 22.
- Thal, Wilhelm, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. System for measuring a component of an alternating current or an alternating voltage. 2,117,462; May 17.
- Thal, Wilhelm, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Alternating current apparatus for testing magnetizable materials. 2,134,539; Oct. 25.
- Thaler, Wilhelm, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Co., Inc., New York, N. Y. Control and regulator means for actuating mechanisms. 2,120,010; June 7.
- Thalheimer, Walter J. (See Beers, Roy R., assignor.)
- Thalinger, Ernest O., Webster Groves, Mo. Artificial tree. 2,113,038; Apr. 5.
- Thalmann, Emil, Niederuzwil, assignor to firm Gebrüder Bühler, Uzwil, Switzerland. Safety device for roller mills. 2,114,660; Apr. 19.
- Thaon, André, St. Cloud, France. Aircraft of the autogyro type. 2,110,563; Mar. 8.
- Thatcher, Edward E., assignor to E. C. Atkins & Company, Indianapolis, Ind. Hole saw blade. 2,140,192; Dec. 13.
- Thatcher, Thomas J., Huntington, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and casting machine. 2,116,051; May 3.
- Thayer, Albert L., Lewiston, Idaho. Draftless ventilator and air cleaner for automobiles. 2,128,335; Aug. 30.
- Thayer, Clarence H., Wallingford, Pa., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington Del. Apparatus for contact treatment of materials. 2,108,087; Feb. 15.
- Thayer, Elisha N. (See Pape, C. B., Thayer, and Schwarz.)
- Thayer, Frank. (See Le Febure, L. T., and Thayer.)
- Thayer, Gordon N. (See Smith, J. W., and Thayer.)
- Thayer, Josephus J., La Grange Park, Ill. Carton printing apparatus. 2,136,897; Nov. 15.
- Thayer, Philip F. (See Waldman, R. O., and Thayer.)
- Thayer, Starr, Houston, Tex. Apparatus for protecting pipe lines from electrolysis. 2,127,315; Aug. 16.
- Thayer, William W., assignor of one-third to C. M. Lamert, and one-third to M. Nuckolls, San Francisco, Calif. Automatic fluid actuated displacement pump. 2,109,513; Mar. 1.
- Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Dynamically balancing rotatable body. 2,108,624; Feb. 15.
- Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Dynamically balancing rotatable body. 2,131,602; Sept. 27.
- Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Shaft packing. 2,133,879; Oct. 18.
- Thebaud, John E. (See Stasinski, J., Edinger, and Thebaud.)
- Thede, Ralph, et al. (See Rose, Lynn E., assignor.)
- Theed, William D. L., assignor to Sir George Godfrey and Partners Limited, London, England. Control of wing flaps on aircraft. 2,140,095; Dec. 13.
- Thelmer, Ernst T., East Orange, N. J. Manufacture of aromatic alcohols. 2,125,968; Aug. 9.
- Thelner, Leo, Prague, Czechoslovakia. Automatic mixing and fine-grinding mill for chocolate, colors, etc. 2,134,897; Nov. 1.
- Theis, Joseph, Hutchinson, Kans. Lug. 2,122,967; July 5.
- Theiss, Herbert C., St. Louis, Mo. Dust guard for journal boxes on railroad trucks. 2,108,874; Feb. 22.
- Theofilos, Nicholas, Chicago, Ill. Coffee making apparatus. 2,112,612; Mar. 29.
- Therlault, Joseph E., Easthampton, Mass. Tobacco pipe. 2,115,981; May 3.
- Thermal Engineering Corporation. (See Smith, Franklin S., assignor.)
- Thermal Engineering Corporation. (See Smith, Horace L., Jr., assignor.)
- Thermal Engineering Corporation. (See Smith, H. L., Jr., and Jones, assignors.)
- Thermal Units Manufacturing Company. (See Cohen, Irving H., assignor.)



- Thermoid Company. (See Hall, William H., Jr., assignor.)
- Thermopane Company. (See Haven, Charles D., assignor.)
- Thermo-Plastics, Inc. (See Reid, James S., assignor.)
- Thermo-Plastics, Inc. (See Tegarty, John B., assignor.)
- Thernell, Carl-Otto, assignor to Svenska Total Aktiebolaget, Stockholm, Sweden. Froth-producing apparatus. 2,127,191; Aug. 16.
- Therolf, Harold L., assignor to Eason & Therolf Tool Company, Los Nietos, Calif. Joint breaker. 2,124,129; July 19.
- Thévenin, Georges, Longwy, France. Paving device. 2,118,577; June 24.
- Thew Shovel Company, The. (See Zeilman, Roy H., assignor.)
- Thewes, William O., North Ridgeville, assignor to The Ridge Tool Company, Ridgeville, Ohio. Threading die. 2,110,099; Mar. 1.
- Thewes, William O., assignor to The Ridge Tool Company, North Ridgeville, Ohio. Tubing cutter. 2,130,934; Sept. 20.
- Thibaudeau, Joseph E., Shawinigan Falls, Quebec, Canada. Boiler, furnace, or the like. 2,123,444; July 12.
- Thibault, Emile H., Paris, France. Flying machine. 2,106,820; Feb. 1.
- Thibert, Napoleon R., Worcester, Mass. Straining liquids. 2,122,119; June 28.
- Thibodeaux, Ernest A., Houma, La. Trap. 2,112,796; Mar. 29.
- Thiede, Ferdinand C. W. (See Proctor, B. A., and Thiede.)
- Thiele, Ernest W. (See Tucker, E. B., and Thiele.)
- Thiele, Ernest W., and B. Ginsberg, assignors to Standard Oil Company, Chicago, Ill. Preparing lubricating oil stocks from asphalt-containing crude petroleum oils. 2,141,257; Dec. 27.
- Thiele, Max. (See Brunner, A., Greune, Thiele, and Thies.)
- Thiele, Max. (See Greune, H., and Thiele.)
- Thiele, Max. (See Greune, H., Thiele, and Langbein.)
- Thiele, Max. (See Kränzlein, G., Greune, and Thiele.)
- Thiele, Richard, Valley Mills, Tex. Seat post. 2,115,830; May 3.
- Thiele, William F. (See Massey, P. J., Thiele, and Rager.)
- Thielker, Henry J., assignor to Western Electric Company, Incorporated, New York, N. Y. Container. 2,118,953; May 31.
- Thieman, William B., Albert City, Iowa, assignor to Deere & Company, Moline, Ill. Ensilage harvester. 2,139,868; Dec. 13.
- Thiemann, William B., Albert City, Iowa. Stock feeder. 2,111,950; Mar. 22.
- Thiemann, William B., Albert City, Iowa. Tractor construction. 2,123,975; July 19.
- Thieme, Otto, Hartford, Conn., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,115,922; May 3.
- Thieme, Otto, West Hartford, Conn., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,139,566; Dec. 6.
- Thienhaus, Erich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Loudspeaker. 2,115,129; Apr. 26.
- Thierbach, Dietwald, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Automatic signal transmission control circuit. 2,129,074; Sept. 6.
- Thies, Carl A. (See MacClatchie, J. W., Johnson, and Thies.)
- Thies, Karl. (See Brunner, A., Greune, Thiele, and Thies.)
- Thilenius, Rudolf, Frankfurt-on-the-Main, and J. Schneider, Oberursel, assignors to the firm of Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Manufacturing, grinding, and polishing bodies. 2,113,185; Apr. 5.
- Thinius, Kurt, assignor to Deutsche Celluloid-Fabrik, Ellenburg, Germany. Reducing the viscosity of cellulose derivatives. 2,104,957; Jan. 11.
- Thiry Léon Huy, Belgium. Mounting of electric insulators. 2,106,667; Jan. 25.
- Thissen, Hugh. (See Richter, E., and Thissen.)
- Thode, Albert, Hamburg, Germany. Brake block with interchangeable brake surface. 2,109,871; Mar. 1.
- Thode, Martin H., Guler, Wash. Antiglare shield mounting and operating means therefor. 2,122,120; June 28.
- Thoeny, Anton R., La Crosse, Wis. Meat platter clamp. 2,124,477; July 19.
- Tholl, John E., Needham, assignor to American Tool & Machine Co., Hyde Park (Boston District), Mass. Double drive for centrifugal separators. 2,112,430; Mar. 29.
- Tholl, John E., Needham, assignor to American Tool & Machine Co., Hyde Park, Boston, Mass. Centrifugal separator. 2,120,130; June 7.
- Tholl, John E., Needham, assignor to American Tool & Machine Co., Hyde Park, Mass. Centrifugal basket. 2,130,205; Sept. 13.
- Tholstrup, Henry L. (See Nichols, H. J., and Tholstrup.)
- Thoma, Andrew, Cambridge, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Filler composition and method of making. 2,118,277; May 24.
- Thoma, Dieter, Munich, Germany. Hydraulic turbine governor. 2,115,890; May 3.
- Thomae, Hans. (See Seidenfaden, W., and Thomae.)
- Thomas, Adelbert E., Rockland, Mass. Tying knife. 2,139,609; Dec. 6.
- Thomas, Adolph A., New York, N. Y. Torsion indicator. 2,136,223; Nov. 8.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Electron tube. 2,131,923; Oct. 4.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Radio tuning apparatus. 2,131,381; Oct. 25.
- Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Electron tube. 2,137,424; Nov. 22.
- Thomas, Albert A., Indianapolis, Ind. Method of and apparatus for repairing fractured bones. 2,120,446; June 14.
- Thomas, Albert G., Lynchburg, Va. Electron discharge tube. 2,111,649; Mar. 22.
- Thomas, Albert G., Lynchburg, Va. Internal combustion engine. 2,112,751; Mar. 29.
- Thomas, Albert G., Lynchburg, Va. Self generating phototube. 2,128,103; Aug. 23.
- Thomas, Albert G., Lynchburg, Va. Phototube. 2,128,104; Aug. 23.
- Thomas, Albert G., Lynchburg, Va. Filter. 2,134,061; Oct. 25.
- Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,105,562; Jan. 18.
- Thomas, André, Malakoff, France. Control device for variable condensers. 2,141,422; Dec. 27.
- Thomas, Arvine N., Canton, Ohio, assignor to J. P. Ward, Jr., Chicago, Ill. Typewriter stand. 2,105,868; Jan. 18.
- Thomas, Bert. (See Stewart, J. J., and Thomas.)
- Thomas & Betts Co., The. (See Bergan, Martin D., assignor.)
- Thomas & Betts Co., The. (See Buchanan, Stephen N., assignor.)
- Thomas & Betts Co., The. (See Church, Lewis H., assignor.)
- Thomas & Betts Co., The. (See Thomas, George C., Jr., assignor.)
- Thomas, C. C. H. (See Scott, Ephraim J., assignor.)
- Thomas, Carl C., Pasadena, Calif. Separator. 2,136,476; Nov. 15.
- Thomas, Charles A., F. J. Soday, and W. R. Derby, Dayton, Ohio, assignors, by mesne assignments, to Monsanto Chemical Company. Decolorizing resins. 2,115,564; Apr. 26.
- Thomas, Charles A., and C. A. Hochwalt, Dayton, Ohio, assignors, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Fermentation process and product. 2,138,434; Nov. 29.
- Thomas, Charles A., and C. A. Hochwalt, Dayton, Ohio, assignors, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Fermentation process and product. 2,138,435; Nov. 29.
- Thomas, Charles C., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,122,501; July 5.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of aryl amines. 2,104,407; Jan. 4.
- Thomas, Chester A. (See Babson, H. B., and Thomas.)
- Thomas, David W., Youngstown, assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Sealing ring. 2,130,701; Sept. 20.
- Thomas, De Witt V. B., East Orange, N. J. Game. 2,105,563; Jan. 18.
- Thomas, Dillwyn L., Rutte, Mont. Measuring and surveying device. 2,123,216; July 12.
- Thomas, Edward B., and H. F. Oxley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of derivatives of cellulose and other polymeric hydroxy compounds. 2,125,128; Nov. 1.
- Thomas, Floyd H., Milan, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Impact wrench. 2,128,761; Aug. 30.
- Thomas, Ford M., Bristol, Vt. Counter equipment. 2,114,510; Apr. 19.
- Thomas, Francis C. O., assignor to Frost Veneer and Plywood Company, Sheboygan, Wis. Plywood and furniture made therefrom. 2,106,143; Jan. 25.
- Thomas, Frank C., Martinsburg, W. Va., assignor to The Standard Lime and Stone Company, Baltimore, Md. Blowing mineral wool. 2,136,158; Nov. 8.
- Thomas, Frank R. (See Salmon, R. D., and Thomas.)
- Thomas, Frank S., Harlem Springs, Ohio. Siding. 2,126,676; Aug. 9.
- Thomas, Frederick, assignor to Keystone Index Card Company, Philadelphia, Pa. Racking mechanism for use in dipping sheets and the like. 2,141,887; Dec. 27.
- Thomas, George C., Jr., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Grounding fitting. 2,112,653; Mar. 22.



- Thomas, George H. (See Boldt, W. F., and Thomas.)  
 Thomas, George H. (See Cox, J. C., Boldt, and Thomas.)  
 Thomas, George H. (See Cox, J. C., and Thomas.)  
 Thomas, George H., Erie, Pa. Coupling. 2,109,935; Mar. 1.  
 Thomas, George P., Glenshaw, Pa. Side trimming and scrap cutting apparatus. 2,133,595; Oct. 18.  
 Thomas, Harry A. (See Carter, D., Cuthbert-Smith, Jackson, Rendell, and Thomas.)  
 Thomas, Henry H., Clinton, Iowa. Drain valve. 2,136,898; Nov. 15.  
 Thomas, Herbert W., assignor to Morse Boulger Destructor Company, New York, N. Y. Incinerator. 2,114,257; Apr. 12.  
 Thomas, Howard J., assignor to Knox Glass Bottle Company, Jackson, Miss. Thread cutting machine for finish rings. 2,118,989; May 31.  
 Thomas, Howard S. (See Parks, H. H., and Thomas, Lee A. and H. S.)  
 Thomas, Idris, Whittier, Calif. Latch for casing cutters and the like. 2,118,242; May 24.  
 Thomas, James, New York, assignor of one-fifth to L. Anastasi, Newburgh, N. Y. Gun. 2,114,821; Apr. 19.  
 Thomas, John H. (See Kleist, D., and Thomas.)  
 Thomas, John H. (See Slayter, G., and Thomas.)  
 Thomas, Laurence H. (See Hanser, C. A., and Thomas.)  
 Thomas, Lee A. (See Parks, H. H., and Thomas, Lee A. and H. S.)  
 Thomas, Leonard H., Oakland, Calif. Concrete construction. 2,111,577; Mar. 22.  
 Thomas, Leroy B. (See Beck, Ove S., assignor.)  
 Thomas, Norman M., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Viscous liquid filling and measuring apparatus. 2,106,076; Jan. 18.  
 Thomas, Norman M., Brooklyn, N. Y., assignor to Joe Lowe Corporation. Wrapped frozen confection. 2,108,418; Feb. 15.  
 Thomas, Norman M., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Molding multiflavored frozen confections. 2,123,215; July 12.  
 Thomas, Norman M., Brooklyn, N. Y., and E. W. Kronbach, Cleveland Heights, assignors to W. H. F. Schmieding, Columbus, Ohio. Forming, refrigerating, and harvesting, frozen confections. 2,111,498; Mar. 15.  
 Thomas, Norman M., Brooklyn, and W. J. Taylor, Syracuse, assignors to Joe Lowe Corporation, New York, N. Y. Apparatus for molding confectionery products. 2,123,836; July 12.  
 Thomas, Norman M., Brooklyn, and C. A. Hennessy, Syracuse, assignors to Joe Lowe Corporation, New York, N. Y. Wire rack. 2,123,837; July 12.  
 Thomas, Paul. (See Kaden, H., Thomas, and Wassmansdorff.)  
 Thomas, Phillips, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 2,128,061; Aug. 23.  
 Thomas, Ray G., Ogden, Utah. Smoking appliance. 2,132,909; Oct. 11.  
 Thomas, Raymond E. (See Graves, G. D., and Thomas.)  
 Thomas, Raymond E., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of phenol-ketone condensation products. 2,118,954; May 31.  
 Thomas, Raymond E., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,137,969; Nov. 22.  
 Thomas, Robert J., Philadelphia, Pa., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,136,157; Nov. 8.  
 Thomas, Robert W., Meadville, Pa. Loose leaf binder. 2,114,944; Apr. 19.  
 Thomas, Rossell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Combination excess flow and check valve. 2,121,936; June 28.  
 Thomas, Rossell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Indicating device for fuel feeding systems. 2,126,355; Aug. 9.  
 Thomas, Rossell W., Birmingham, Mich., assignor to Phillips Petroleum Company. Automatic charge-over device. 2,138,988; Dec. 6.  
 Thomas, Rossell W., Birmingham, and C. MacSparran, Detroit, Mich., assignors to Phillips Petroleum Company. Automatic change-over device. 2,138,989; Dec. 6.  
 Thomas, Roy N. (See Maslin, T. I., and Thomas.)  
 Thomas Steel Company, The. (See Rubin, Michael M., assignor.)  
 Thomas Steel Company, The. (See Rubin, M., and Alexander, assignors.)  
 Thomas, Theodore R., Wilkes-Barre, Pa. Tackless display holder. 2,125,208; July 26.  
 Thomas, Thomas E., and H. H. Phillips, assignors of one-third to C. R. Quarles, Nashville, Tenn. Hydraulically operated reclining chair. 2,132,363; Oct. 4.  
 Thomas, Upton B., Jr., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lead welding. 2,123,455; July 12.  
 Thomas, William A., Old Greenwich, Conn., assignor to Premier Crystal Laboratories, Inc., New York, N. Y. Piezo-electric device. 2,131,826; Oct. 4.  
 Thomas, William C., Fries, Va. Safety match book. 2,133,909; Oct. 18.  
 Thomas, William D., Lynnfield, and C. A. Robinson, Salem, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in manufacturing boots and shoes. 2,123,292; July 12.  
 Thomas, William E., Charlotte, N. C. Display box stand. 2,107,991; Feb. 8.  
 Thomas, William E., assignor to Lance Packing Company, Charlotte, N. C. Combined container lid and display stand. 2,113,245; Apr. 5.  
 Thomas, William E., assignor to Lance Packing Company, Charlotte, N. Y. Display stand. 2,127,967; Aug. 23.  
 Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company. Doorway structure for box cars. Re. 20,697; Apr. 12.  
 Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company. Boxcar. Re. 20,811; July 26.  
 Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company. Box car. Re. 20,860; Sept. 13.  
 Thomas, William L., Haverstraw, N. Y., assignor to The New York Central Railroad Company. Doorway structure for boxcars. 2,125,209; July 26.  
 Thomas, Willis P. (See Howse, C. L., Brelsford, Cox, and Thomas.)  
 Thomas, Willis P. (See Snow, N. L., Thomas, Brelsford, House, and Bowers.)  
 Thomas, Willis P., Highland Park, F. Bowers, and S. F. Cox, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 2,121,493; June 21.  
 Thomason, Wade, et al. (See Williams, Colman J., assignor.)  
 Thomason, William S. (See Shulman, L. R., Jarvis, Thomason, O'Brien, and Schreiber.)  
 Thommen, Hans, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric circuit breaker. 2,117,261; May 10.  
 Thommen, Hans, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric circuit breaker. 2,125,525; Aug. 2.  
 Thompson, Abel. (See Childstrom, G. E., and Thompson.)  
 Thompson, Albert, Collinston, La. Draft appliance. 2,119,834; June 7.  
 Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Cutting machine. 2,108,951; Feb. 22.  
 Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Harvesting machine. 2,114,580; Apr. 19.  
 Thompson, Albert R., Los Gatos, Calif., and C. E. Kerr, Hoopeson, Ill., assignors to Food Machinery Corporation, San Jose, Calif. Feeder for granular material. 2,126,425; Aug. 9.  
 Thompson, Albert R., Los Gatos, and R. M. Magnuson, assignors to Food Machinery Corporation, San Jose, Calif. Spray pump. 2,136,599; Nov. 15.  
 Thompson, Albert R., and W. de Back, assignors to Food Machinery Corporation, San Jose, Calif. Fruit preparation machine. 2,139,704; Dec. 13.  
 Thompson, Albert T., New Orleans, La. Liquefier. 2,142,012; Dec. 27.  
 Thompson, Alfred H., and R. F., Los Angeles, Calif. Boiler and heating apparatus. 2,109,656; Mar. 1.  
 Thompson, Alva. (See Stanger, O. C., and Thompson.)  
 Thompson, Andrew C., Miami, Fla. Window and its associated shade. 2,107,432; Feb. 8.  
 Thompson, Andrew C., Miami Beach, Fla. Window. 2,137,425; Nov. 22.  
 Thompson, Andrew C., Miami Beach, Fla. Window construction. 2,137,426; Nov. 22.  
 Thompson, Arthur R., San Francisco, Calif. Signal device. 2,120,380; June 14.  
 Thompson, Beriah M., U. S. Navy. Apparatus for the fireside cleaning of boilers. 2,137,253; Nov. 22.  
 Thompson, Browder J., Summit, N. J., assignor to Radio Corporation of America. Tuned oscillator circuit. 2,104,915; Jan. 11.  
 Thompson, Browder J., Basking Ridge, N. J., assignor to General Electric Company. Amplifier. 2,122,850; July 5.  
 Thompson, Browder J., Basking Ridge, N. J., assignor to General Electric Company. Amplifying circuits. 2,122,851; July 5.  
 Thompson, Browder J., Basking Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,141,673; Dec. 27.  
 Thompson, Charles H., Sacramento, Calif. Internal combustion engine. 2,109,185; Feb. 22.  
 Thompson, Charles S. (See Bechberger, P. F., Thompson, and Holborn.)  
 Thompson, Charles S., Elmhurst, and F. A. Kucera, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,107,918; Feb. 8.  
 Thompson, Charles S., Elmhurst, F. A. Kucera, and A. S. Riviere, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,116,987; May 10.  
 Thompson, Charles S., Elmhurst, assignor to Union Special Machine Company, Chicago, Ill. Thread controller for sewing machines. 2,138,774; Nov. 29.  
 Thompson Continuously Operating Filter Press Company. (See Thompson, Robert M., assignor.)  
 Thompson, E. L., Chair Corporation. (See Brazell, J. J., and Brosnan, assignors.)



- Thompson, Edward A., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,128,665; Aug. 30.
- Thompson, Elmer B., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Motor for operating a vibratory jack. 2,128,441; Aug. 30.
- Thompson, Elmer O., Beverly, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Motion retarding device. 2,115,656; Apr. 26.
- Thompson, Emery, Larchmont, assignor to Emery Thompson Machine & Supply Company, Bronx, N. Y. Process and apparatus for congealing liquids. 2,132,364; Oct. 4.
- Thompson, Emery, Machine & Supply Company. (See Thompson, Emery, assignor.)
- Thompson, Ernest H. (See Woodward, A. H., Richmond, and Thompson.)
- Thompson, Ernest H., Winnetka, assignor to International Register Company, Chicago, Ill. Check writer. 2,118,871; May 31.
- Thompson, Frank L., Oklahoma City, Okla. Trap. 2,113,908; Apr. 12.
- Thompson, Frank S., assignor to T. C. Thompson & Son, Limited, Manchester, England. Delivery mechanism of platen printing presses. 2,120,532; June 14.
- Thompson, Frank S., assignor to T. C. Thompson & Son, Limited, Manchester, England. Platen printing press. 2,123,516; July 12.
- Thompson, Frederick H., Jr., Chicopee, Mass. Heating system for rail switches. 2,114,726; Apr. 19.
- Thompson, George A., Chicago, Ill. Electric level indicator. 2,120,771; June 14.
- Thompson Grinder Company, The. (See Baldenhofer, William G., assignor.)
- Thompson, H. C., Clock Company. (See Poole, Arthur B., assignor.)
- Thompson, Harlan E., Alpine, Calif. Automatic grading scale. 2,108,731; Feb. 15.
- Thompson, Harold E., Gordon, Nebr. Radio frequency coil. 2,138,330; Nov. 29.
- Thompson, Harry C., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America. Tuning indicator tube. 2,113,669; Apr. 12.
- Thompson, Harry C., Montclair, N. J., assignor to Radio Corporation of America. Tuning indicator tube. 2,130,162; Sept. 13.
- Thompson, Harry C., Montclair, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cascaded secondary electron emitter amplifier. 2,141,322; Dec. 27.
- Thompson, Harry E., Providence, R. I., assignor to Anaconda Wire & Cable Company, New York, N. Y. Shielded wire covering. 2,111,229; Mar. 15.
- Thompson, Harry E., Providence, R. I., assignor to Anaconda Wire & Cable Company, New York, N. Y. Electric cable and making same. 2,138,362; Nov. 29.
- Thompson, Henry C., Holyoke, Mass. Floor waxing device. Re. 20,762; June 14.
- Thompson, Herbert L., Elgin, assignor to Reynolds Wire Co., Dixon, Ill. Warp feed for wire weaving looms. 2,105,102; Jan. 11.
- Thompson, Herbert L., Elgin, assignor to Reynolds Wire Co., Dixon, Ill. Wind-up for wire cloth looms. 2,125,824; Aug. 2.
- Thompson, Howard A. (See Allen E. M., Brooks, and Thompson.)
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,107,678; Feb. 8.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,111,197; Mar. 15.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,130,449; Sept. 20.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Recording mechanism for railway traffic controlling apparatus. 2,133,640; Oct. 18.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Interlocking control apparatus. 2,136,159; Nov. 8.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,136,829; Nov. 15.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,141,803; Dec. 27.
- Thompson, James S., Hackensack, N. J. Constant flow spillway. 2,130,936; Sept. 20.
- Thompson, John A., Summit, N. J. Collapsible awning. 2,126,293; Aug. 9.
- Thompson, John B. D., and S. Udstad, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Railway car construction. 2,131,493; Sept. 27.
- Thompson, John S., assignor to The General Electric Company Limited, London, England. Voltage regulator. 2,115,352; Apr. 26.
- Thompson, John W., Clanton, Ala. Tractor. 2,138,311; Nov. 29.
- Thompson, John W., and V. E. Metcalfe, Puebla, Mexico. Induction thermostatic device. 2,127,575; Aug. 23.
- Thompson, Joseph S., San Francisco, Calif. Carpet washing machine. 2,129,797; Sept. 13.
- Thompson, Joseph W., Portland, Ore. Attachment for apprehending motor vehicles. 2,107,312; Feb. 8.
- Thompson, Leonard J., Wichita, Kans. Stadium seat. 2,137,312; Nov. 22.
- Thompson, Le Roy, Blakely, Ga. Smoke box structure. 2,104,958; Jan. 11.
- Thompson, Leslie E., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Radio receiving apparatus. 2,110,584; Mar. 8.
- Thompson, Lincoln, Cheshire, Conn. Feed mechanism for disk recording machines. 2,133,596; Oct. 18.
- Thompson, Lincoln, Cheshire, Conn. Automatic volume control for amplifiers. 2,141,944; Dec. 27.
- Thompson, Lincoln, and R. L. Stone, Cheshire, Conn. Phonograph reproducer. 2,141,804; Dec. 27.
- Thompson, Lloyd O., Monrovia, Calif., assignor of one-third to O. A. Tangren and one-third to S. O. Thompson, Salt Lake City, Utah. Powder puff. 2,137,790; Nov. 22.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electric furnace regulator system. 2,121,644; June 21.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical control circuit. 2,132,278; Oct. 4.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Variable resistance device. 2,136,257; Nov. 8.
- Thompson, Luther S. J. (See Tatton, W. A., and Thompson.)
- Thompson Manufacturing Co. (See Height, Lewis H., assignor.)
- Thompson Manufacturing Company. (See Thompson, Walter V., assignor.)
- Thompson Manufacturing Company. (See Thompson, Walter V. E., assignor.)
- Thompson, Marvin R., Baltimore, Md. Highly active preparation of ergot and making same. 2,116,454; May 3.
- Thompson, Marvin R., Catonsville, Md., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa. Purified ergot product. 2,120,635; June 14.
- Thompson, Milton D., Fairhaven, Mass. Propeller. 2,134,157; Oct. 25.
- Thompson, Milton E., Ridgway, Pa. Self-starting synchronous motor. 2,128,719; Aug. 30.
- Thompson, Milton L., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Antenna coupling circuit. 2,115,655; Apr. 26.
- Thompson-National Press Co. (See Remington, Leonard F., assignor.)
- Thompson, Norman A. D., and J. W. Pagen, assignors to Park, Ward & Company Limited, London, England. Automobile body. 2,108,456; Feb. 15.
- Thompson, Oscar T., Neenah, Wis., assignor, by mesne assignments, to International Cellucotton Products Co., Chicago, Ill. Pad folding machine. 2,134,459; Oct. 25.
- Thompson, Oscar T., Neenah, Wis., assignor to International Cellucotton Products Company, Chicago, Ill. Apparatus for making sanitary napkins. 2,138,587; Nov. 29.
- Thompson, Parke H., II, Maplewood, assignor to Alco Valve Company, St. Louis, Mo. Thermostatic fitting. 2,106,668; Jan. 25.
- Thompson Products Incorporated. (See Graham, M. P., Hufferd, and Casse, assignors.)
- Thompson Products Incorporated. (See Gross, John A., assignor.)
- Thompson Products Incorporated. (See Hufferd, George H., assignor.)
- Thompson Products Incorporated. (See Hufferd, G. H., and Graham, assignors.)
- Thompson Products, Inc. (See Jenclck, Stephen, assignor.)
- Thompson Products, Incorporated. (See Spire, William H., assignor.)
- Thompson Products Incorporated. (See Stephens, Charles U., assignor.)
- Thompson Products, Incorporated. (See Wolf, Martin B., assignor.)
- Thompson, Ralph E., Brookline, and C. J. Emerson, Winchester, Mass., and B. G. Jansson, Kittery Point, Maine, assignors to Emerson Apparatus Company, Melrose, Mass. Safety razor. 2,108,758; Feb. 15.
- Thompson, Richard A., Detroit, Mich., assignor to Colonial Broach Company. Pull broaching machine. 2,135,801; Nov. 8.
- Thompson, Robert C., Brownwood, Tex. Terracing device. 2,125,134; July 26.
- Thompson, Robert M., Seattle, Wash., assignor to Thompson Continuously Operating Filter Press Company. Continuous pressure separating device. 2,112,869; Apr. 5.
- Thompson, Russell F. (See Thompson, Alfred H., and R. F.)
- Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,123,756; July 12.
- Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,126,356; Aug. 9.



- Thompson, Russell R., Detroit, Mich., assignor to The Murray Corporation of America. Upholstery. 2,130,935; Sept. 20.
- Thompson, S. R. (See Furnas, W. C., and Thompson.)
- Thompson, Sigurd R. (See Furnas, W. C., and Thompson.)
- Thompson, Sigurd, assignor of one-half to P. Moe, Poplar, Mont. Mirror and visor attachment for motor vehicles. 2,123,319; July 12.
- Thompson, Soren O., et al. (See Thompson, Lloyd O., assignor.)
- Thompson, Stacy W., assignor of one-fourth to W. G. Clark, Weldon, Tex. Planter. 2,140,096; Dec. 13.
- Thompson, T. C., & Son, Limited. (See Thompson, Frank S., assignor.)
- Thompson, Thaddeus S. (See Klema, J. N., and Thompson.)
- Thompson, Theodore R., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polishing composition. 2,141,729; Dec. 27.
- Thomson, Thomas C., University City, assignor to Simons Hardware Company, St. Louis, Mo. Merchandise display unit. 2,108,516; Feb. 15.
- Thompson, Tom H., Detroit, Mich. Vehicle spring. 2,105,869; Jan. 18.
- Thompson, Tom H., Detroit, Mich. Leaf spring treatment. 2,107,455; Feb. 8.
- Thompson, Walter V., assignor to Thompson Manufacturing Company, Los Angeles, Calif. Quick coupling valve. 2,134,382; Oct. 25.
- Thompson, Walter V. R., assignor to Thompson Manufacturing Company, Los Angeles, Calif. Sprinkler. 2,104,281; Jan. 4.
- Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Flock applying apparatus. 2,105,275; Jan. 11.
- Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Powder blower. 2,125,251; July 26.
- Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Play pipe construction. 2,134,347; Oct. 25.
- Thompson, William. (See Arthur, J. L., and Thompson.)
- Thompson, William D., Birmingham, Mich., assignor to Chicago-Hutchins Corporation. Car roof. 2,131,200; Sept. 27.
- Thompson, William D., Birmingham, Mich., and W. E. Bikle, Park Ridge, assignors to Chicago, Hutchins Corporation, Chicago, Ill. Floating ceiling for car roofs. 2,141,494; Dec. 27.
- Thompson, William D., and D. W. Hawsworth, Birmingham, Mich., assignors to Chicago-Hutchins Corporation. Car roof. 2,136,657; Nov. 15.
- Thompson, William E. (See Chattin, J. H., and Clements, assignors.)
- Thompson, William K., Woodbridge, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Method of and apparatus for casting deoxidized copper. 2,140,607; Dec. 20.
- Thoms, Rudolph H. (See Riemenschneider, E., and Thoms.)
- Thomsen, Alfred M., San Francisco, Calif. Hydrometallurgy. 2,111,951; Mar. 22.
- Thomsen, Christoph. (See Koch, E., Dachlauer, and Thomsen.)
- Thomsen, Christoph, A. Eckelmann, and E. Koch, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treating hides and skins. 2,111,823; Mar. 22.
- Thomsen, Christoph, A. Eckelmann, and E. Koch, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treating hides and skins. 2,112,508; Mar. 29.
- Thomsen, William A. V., Plainfield, N. J., C. G. Gross, Mount Vernon, N. Y., and W. S. Luci, Linden, N. J., assignors, by mesne assignments, to American Machine & Metals, Inc., New York, N. Y. Spiral curl heater. 2,108,240; Feb. 15.
- Thomson, Alfred J., assignor to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,106,580; Jan. 25.
- Thomson, Frederick B., Teaneck, N. J., assignor to Engineering Products Corporation, Inc., New York, N. Y. Meter seal. 2,133,062; Oct. 11.
- Thomson, Judson L., Mfg. Co. (See Townley, J. R., and Mauntel, assignors.)
- Thomson Machine Company. (See Parsons, E. T., and Sawyer, assignors.)
- Thomson, Robert F., I. B. Anderson, and S. Thornley, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of dihydroxy isodibenzanthrone. 2,104,960; Jan. 11.
- Thomson, Roy C., Chelsea, London, England. Spreading cotton or the like. 2,114,945; Apr. 19.
- Thomson, Roy C., London, England. Folding chair. 2,137,427; Nov. 22.
- Thomson, S. H., Manufacturing Company, The. (See Carnahan, Ralph W., assignor.)
- Thomssen, Haus. (See Hochschwender, E., and Thomssen.)
- Thorell, Edwin, West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Manufacture of typewriter-types. 2,110,347; Mar. 8.
- Thorell, Edwin, West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Manufacture of typewriter-types. 2,110,348; Mar. 8.
- Thoresen, John C., assignor to Builders Iron Foundry, Providence, R. I. Telemetric transmitter. 2,111,678; Mar. 22.
- Thoresen, John C., assignor to Builders Iron Foundry, Providence, R. I. Telemetric transmitter. 2,111,679; Mar. 22.
- Thorman, Charles R. (See Rohrig, Charles H., assignor.)
- Thorman, Lester K., Woodmere, assignor to Benjamin Wolf Co. Inc., New York, N. Y. Scarf. 2,112,774; Mar. 29.
- Thorn, Percy M., New Rochelle, N. Y. Closure for receptacles. 2,106,364; Jan. 25.
- Thorn, Percy M., New Rochelle, N. Y. Closure for receptacles. 2,121,554; June 21.
- Thorn, Percy M., New Rochelle, N. Y. Closure for receptacles. 2,131,078; Sept. 27.
- Thorn, Percy M., New Rochelle, N. Y. Closure. 2,131,079; Sept. 27.
- Thorn, Robert J., assignor to Reynolds Appliances Corporation, Chicago, Ill. Printing apparatus. 2,115,692; Apr. 26.
- Thornbery, John H., and H. A. Mantz, assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety valve. 2,126,587; Aug. 9.
- Thornbery, John H., and H. A. Mantz, assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermo-electric safety switch. 2,132,057; Oct. 4.
- Thornburg, Herbal A., and J. V. Brown, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine starting apparatus. 2,117,230; May 10.
- Thornburg, Vincent E. (See Valentine, C. E., and Thornburg.)
- Thorndike Engineering Corporation. (See Alexander, George W., assignor.)
- Thorne, Harold, London, England. Scoring apparatus. 2,135,649; Nov. 8.
- Thornhill, Peter W. (See Onions, J. H., and Thornhill.)
- Thornley, Sidney. (See Thomson, R. F., Anderson, and Thornley.)
- Thorsen, Kristen A., Grenoble, Isere, France, assignor to Paper & Industrial Appliances Inc., New York, N. Y. Apparatus for treating paper pulp and the like. 2,138,715; Nov. 29.
- Thornton, Irving T., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Apparatus for granulating friable material. 2,131,128; Sept. 27.
- Thornton-Norris, George, assignor to The Scholl Manufacturing Company Limited, London, England. Electromechanical display apparatus. 2,127,316; Aug. 16.
- Thornton-Norris, George, London, England, assignor to The Scholl Mfg. Co. Inc., Chicago, Ill. Folding crib and the like. 2,133,561; Oct. 18.
- Thornton, Samuel A., Jeanerette, La. Windrowing machine. 2,133,217; Oct. 11.
- Thornton, Stuart R., Oakland, Calif. Nut lock. 2,106,669; Jan. 25.
- Thorold, Frederick W., Niagara Falls, N. Y. Method and apparatus for grading articles. 2,122,075; June 28.
- Thorold, Frederick W., assignor to Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. Method and apparatus for grading particles differing in specific gravity. 2,109,121; Feb. 22.
- Thorp, James M., Alameda, Calif. Solar window. 2,124,240; July 19.
- Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Frost shield. Re. 20,628; Jan. 13.
- Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Steering wheel spinner knob. Re. 20,890; Oct. 18.
- Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Weather guard. 2,108,322; Feb. 15.
- Thorp, Joel R., and S. Strand, assignors to The Fulton Company, West Allis, Wis. Vehicle frost shield. 2,119,253; May 31.
- Thouret, Wolfgang. (See Hagen, W., and Thouret.)
- Thouret, Wolfgang. (See Rompe, R., and Thouret.)
- Thrall, Arthur J., Chicago, Ill. Unloading means for hopper cars. 2,116,807; May 10.
- Threlkeld, Howard M., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Separating process and apparatus. 2,134,768; Nov. 1.
- Threlkeld, Lewis P. (See Duncan, Herbert L., assignor.)
- Thresher, Griffith H. (See Seiber, R. R., Thresher, and Young.)
- Thrift, Dean, San Antonio, Tex. Drilling apparatus. 2,113,968; Apr. 12.
- Thrissell Engineering Company, The. (See Taylor, Tom, assignor.)
- Throckmorton, John W., New York, N. Y., assignor to The Pure Oil Company, Chicago, Ill. Thermolytic conversion of hydrocarbon gases to liquid. 2,117,464; May 17.
- Throckmorton, John W., New York, N. Y., assignor, by mesne assignments, to The Pure Oil Company, Chicago, Ill. Method and apparatus of producing a high flash safety fuel. 2,135,923; Nov. 8.
- Thron, Heinz. (See Daimler, K., and Thron.)
- Thrush, H. A., & Company. (See Thrush, Homer A., assignor.)
- Thrush, Homer A., Peru, Ind. Circulator. 2,111,441; Mar. 15.
- Thrush, Homer A., assignor to H. A. Thrush & Company, Peru, Ind. Rotary pump. 2,137,791; Nov. 22.
- Thuesen, Holger G. (See Hale, G. A., and Thuesen.)



- Thum, Martin, Rochester, N. Y. Wall bed. 2,114,581; Apr. 19.
- Thum, Martin, Rochester, N. Y. Davenport bed. 2,126,588; Aug. 9.
- Thumim, Carl, Lansdowne, Pa., assignor to General Electric Company. Operating mechanism. 2,112,054; Mar. 22.
- Thumim, Carl, Lansdowne, Pa., assignor to General Electric Company. Operating mechanism. 2,131,603; Sept. 27.
- Thumim, Carl, Yeadon, and H. E. Strang, South Ardmore, Pa., assignors to General Electric Company. Electric switch gear. 2,123,069; July 5.
- Thumm, William F., Lombard, Ill. Trimming. 2,106,260; Jan. 25.
- Thunder, Harold G., assignor to Motor Products Corporation, Detroit, Mich. Automobile bumper. 2,134,422; Oct. 25.
- Thurber, Edward J., assignor of one-half to R. K. Rothrock, New Orleans, La. Gear shifting mechanism. 2,141,096; Dec. 20.
- Thurber, Francis H., Arlington, Va., dedicated to the free use of the People of the United States. Form of storage for sweet potatoes and other vegetable crops for industrial utilization. 2,119,612; June 7.
- Thurber, William G., Santa Monica, Calif. Facial mask. 2,109,018; Feb. 22.
- Thuringische Glaswollindustrie vorm. S. Koch Gesellschaft mit beschränkter Haftung. (See Cordts, Hans F. C., assignor.)
- Thürings, Hermann, Viersen, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Filling soft center confections and the like. 2,120,820; June 14.
- Thurm, Alfred. (See Krzikalla, H., Eistert, Mueller, and Thurm.)
- Thurm, Alfred, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and their production. 2,126,841; Aug. 16.
- Thurman, Benjamin H. (See Clayton, B., and Thurman.)
- Thurman, Benjamin H., Bronxville, N. Y., assignor, by mesne assignments, to Refining, Inc., Reno, Nev. Treating drying oils to body, same for varnish and other uses. 2,110,780; Mar. 8.
- Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Proportioning apparatus. 2,142,062; Dec. 27.
- Thurn, Walter N., and G. W. Shults, Chicago, Ill., assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Table top. 2,115,130; Apr. 26.
- Thurston, Robert R., Chappaqua, assignor to The Texas Company, New York, N. Y. Forming an emulsifying agent. 2,130,326; Sept. 13.
- Thwaites, William H., Grand Rapids, assignor, by mesne assignments, to T. E. McFall, Sparta, Mich. X-ray machine. 2,113,866; Apr. 12.
- Thwaits, Frederick G., Wauwatosa, assignor to The Hell Co., Milwaukee, Wis. Portable tank. 2,105,302; Jan. 11.
- Thwaits, Frederick G., Wauwatosa, assignor to The Hell Co., Milwaukee, Wis. Emergency valve. 2,109,870; Mar. 1.
- Thwaits, Frederick G., Wauwatosa, assignor to The Hell Co., Milwaukee, Wis. Vehicular tank support. 2,114,822; Apr. 19.
- Thwaits, Frederick G., Wauwatosa, assignor to The Hell Co., Milwaukee, Wis. Vehicular tank structure. 2,124,441; July 19.
- Thys, Edouard, San Francisco, Calif. Hop and stem separator. 2,116,006; May 3.
- Thys, Edouard, San Francisco, Calif. Hop separator. 2,138,529; Nov. 29.
- Thys, Edouard, San Francisco, Calif. Hop separator. 2,139,046; Dec. 6.
- Thys, Edouard, assignor to E. Clemens Horst Co., San Francisco, Calif. Hop picking machine. 2,114,727; Apr. 19.
- Thyssen, Conrad, Aachen, assignor to Schumag Schumacher Metallwerke Aktiengesellschaft für Präzisionsmechanik, Aachen, Prussia, Germany. Surface treating section metal. 2,125,825; Aug. 2.
- Tiano, Dominic W., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Closure applying machine. 2,106,365; Jan. 25.
- Tibbals, Nathan V., New Canaan, assignor to Hat Corporation of America, Norwalk, Conn. Hat. 2,105,622; Jan. 18.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,105,936; Jan. 18.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,106,195; Jan. 25.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Bearing. 2,106,860; Feb. 1.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,114,788; Apr. 19.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,119,656; June 7.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Locking mechanism. 2,121,000; June 21.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Locking mechanism for motor vehicles. 2,127,543; Aug. 23.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle latch. 2,137,733; Nov. 22.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,139,391; Dec. 6.
- Tibbitts, Gordon C. (See Olsen, F., and Tibbitts.)
- Tice, John T., Atlanta, assignor of one-half to R. L. Trimble, Trimble, Ga. Lap evenner. 2,109,936; Mar. 1.
- Tichenor, Warren C., Glendale, Calif. Motion picture viewer. 2,122,804; July 5.
- Tichota, Lumir J. and R. V., Dodge, Nebr. Oil pan assembling device. 2,121,937; June 28.
- Tichota, Rudolph V. (See Tichota, Lumir J. and R. V.)
- Tidd, Warren H. (See Monk, N., and Tidd.)
- Tidd, Warren H., White Plains, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier communicating system. 2,107,168; Feb. 1.
- Tidd, Warren H., White Plains, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier communication system. 2,121,994; June 21.
- Tiddy, William. (See McIntire, C. V., and Tiddy.)
- Tiddy, William, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Petroleum distillation. 2,113,635; Apr. 12.
- Tiddy, William, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Making carbureted water gas. 2,118,332; May 24.
- Tiddy, William, New York, N. Y., C. H. Hughes, Glen Ridge, N. J., and R. P. Oliveros, Brooklyn, assignors to Semet-Solvay Engineering Corporation, New York, N. Y. Making gas. 2,130,163; Sept. 13.
- Tide Water Associated Oil Company. (See Cook, Elmer W., assignor.)
- Tide Water Associated Oil Company. (See Kaufmann, Arthur G., assignor.)
- Tide Water Associated Oil Company. (See Lazar, Arthur, assignor.)
- Tide Water Associated Oil Company. (See Lewis, Arthur W., assignor.)
- Tide Water Associated Oil Company, et al. (See Vaughn, William H., assignor.)
- Tidy Products Corporation. (See Astrove, Joseph, assignor.)
- Tiedemann, Julius B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Frame transferring mechanism and drive therefor. 2,136,477; Nov. 15.
- Tiedje, John Q., Collingswood, N. J., assignor to Radio Corporation of America. Acoustic device. 2,124,597; July 26.
- Tiefenbacher, Thomas B., Paterson, N. J. Tool holder. 2,136,091; Nov. 8.
- Tiefry, Charles Leander. (See Tiefry, Charles Lincoln, assignor.)
- Tiefry, Charles Lincoln, assignor to Charles Leander Tiefry, Detroit, Mich. Portable refrigerator or cooler. 2,137,705; Nov. 22.
- Tierney, Robert D., Rochester, N. Y. Combined water heater and incinerator. 2,120,165; June 7.
- Tietig, Chester. (See Stryker, Albert R., assignor.)
- Tietig, Chester, Covington, Ky. Lubricating composition. Re. 20,957; Dec. 27.
- Tietig, Chester, Covington, Ky. Making porous metal objects. 2,133,761; Oct. 18.
- Tietjen, Ernest J. (See Evans, Eugene M., assignor.)
- Tietze, Ernst. (See Wiegand, C., Merkel, and Tietze.)
- Tiffany, George E., Durango, Colo., assignor, by mesne assignments, to Tiffany Products Corporation, Chicago, Ill. Settling and coagulating agent and the making and using the same. 2,117,378; May 17.
- Tiffany Products Corporation. (See Tiffany, George E., assignor.)
- Tiffin Art Metal Company, The. (See Overholtz, George D., assignor.)
- Tighe, John J., assignor to Norton Company, Worcester, Mass. Relief print. 2,128,105; Aug. 23.
- Tihanyi, Kalman, Budapest, Hungary, assignor to Radio Corporation of America. Television apparatus. 2,133,123; Oct. 11.
- Tijmstra, Sijbren, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Process and apparatus for contacting fluids. 2,106,366; Jan. 25.
- Tijmstra, Sijbren, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,109,157; Feb. 22.
- Tijmstra, Sijbren, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,139,392; Dec. 6.
- Tikalsky, Francis P., La Grange Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article forming apparatus. 2,121,997; June 28.
- Tilden, Bert O., Trenton, N. J. Water closet combination. 2,108,625; Feb. 15.
- Tilden, Dennis E., Denver, Colo. Telescope mounting for guns. 2,135,774; Nov. 8.
- Tile Tex Company, The. (See Johnston, Walter S., assignor.)
- Tilghman's Patent Sand Blast Company. (See Nichols, Thomas W., assignor.)
- Tilley, Edwin F. (See Stone, R. H., and Tilley.)
- Tillotson, Joseph E., Colusa, Calif. Surgical aspirated drainage cup. 2,122,121; June 28.
- Tillotson Manufacturing Company, The. (See Rullison, Earl A., assignor.)



- Tillotson Manufacturing Company, The. (See Rullison, E. A., and Simmons, assignors.)
- Tillotson, Neil E., Watertown, Mass. Coated article and producing. 2,120,722; June 14.
- Tillson Bearing Corporation. (See Tillson, Vivian E., assignor.)
- Tillson, Edwin D. (See Ross, M. W., and Tillson.)
- Tillson, Vivian E., assignor to Tillson Bearing Corporation, L'Anse, Mich. Making roller bearings. 2,120,533; June 14.
- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic instrument. 2,107,553; Feb. 8.
- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,125,056; July 26.
- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Lens testing instrument. 2,129,889; Sept. 13.
- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Electromagnetic wave signaling system. 2,127,015; Aug. 16.
- Tilton, Edward W., Oshkosh, Wis., assignor of one-half to H. R. Kay, Winnetka, Ill. Rotary pump. 2,134,219; Oct. 25.
- Tilton, Joshua A., Baton Rouge, La., assignor to Standard-I. G. Company. Kerosene. 2,121,998; June 28.
- Tilton, William A., Piqua, Ohio. Measuring device for looms. 2,139,610; Dec. 6.
- Timber Engineering Company. (See Landsem, Peter J., assignor.)
- Timber Engineering Company. (See Myer, J. E., and Horner, assignors.)
- Timber Engineering Company. (See Myer, J. E., and Magerstadt, assignors.)
- Timberlake, Paul J., Jackson, Mich. Air heater. 2,120,583; June 14.
- Timer, Anna R., Warren, Ohio. Crocheted pile material. 2,126,842; Aug. 16.
- Timken-Detroit Axle Company, The. (See Alden, Herbert W., assignor.)
- Timken-Detroit Axle Company, The. (See Brownier, N. R., and Buckendale, assignors.)
- Timken-Detroit Axle Company, The. (See Cole, Frank O., assignor.)
- Timken-Detroit Axle Company, The. (See Powers, Milton A., assignor.)
- Timken-Detroit Axle Company, The. (See Wilson, John A., assignor.)
- Timken Roller Bearing Company, The. (See Baker, John B., assignor.)
- Timken Roller Bearing Company, The. (See Baker, J. B., and Slusser, assignors.)
- Timken Roller Bearing Company, The. (See Bergert, Henry A., assignor.)
- Timken Roller Bearing Company, The. (See Boden, Ernest G., assignor.)
- Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
- Timken Roller Bearing Company, The. (See Buckwalter, T. V., and Hektner, assignors.)
- Timken Roller Bearing Company, The. (See Eastburg, Clifford L., assignor.)
- Timken Roller Bearing Company, The. (See Edwards, Herbert C., assignor.)
- Timken Roller Bearing Company, The. (See Ernst, Paul J., assignor.)
- Timken Roller Bearing Company, The. (See Goldsworthy, Albert H., assignor.)
- Timken Roller Bearing Company, The. (See Heck, Fred R., assignor.)
- Timken Roller Bearing Company, The. (See Horger, Oscar J., assignor.)
- Timken Roller Bearing Company, The. (See Horger, O. J., and Neffert, assignors.)
- Timken Roller Bearing Company, The. (See Klamp, Paul, assignor.)
- Timken Roller Bearing Company, The. (See Proffitt, Russell P., assignor.)
- Timken Roller Bearing Company, The. (See Riblet, Robert M., assignor.)
- Timken Roller Bearing Company, The. (See Sanders, Walter C., assignor.)
- Timken Roller Bearing Company, The. (See Scribner, William L., assignor.)
- Timken Roller Bearing Company, The. (See Slusser, Harry R., assignor.)
- Timken Roller Bearing Company, The. (See Slusser, H. R., and Baker, assignors.)
- Timken Roller Bearing Company, The. (See Streby, Ray D., assignor.)
- Timken Roller Bearing Company, The. (See Vanderbreek, Herbert, assignor.)
- Timken Roller Bearing Company, The. (See Weckstein, Samson M., assignor.)
- Timken Roller Bearing Company, The. (See Wooler, E., and Baker, assignors.)
- Timken Roller Bearing Company, The, et al. (See Newell, H. D., and Fleischmann, assignors.)
- Timmer, Albert J. (See Williams, H. M., and Timmer.)
- Timmer, Anton L., Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifying system. 2,123,639; July 12.
- Timmerman, Albert H. (See Lombard, Herman G., assignor.)
- Timmermann, August, New York, N. Y. Variable speed gear with centrifugal control. 2,118,423; May 24.
- Timmermann, August, New York, N. Y. Variable speed gear. 2,126,294; Aug. 9.
- Timmis, William W., Glen Cove, and W. K. Walker, assignors to American Radiator Company, New York, N. Y. Adjustable orifice device. 2,117,998; May 17.
- Timmmons, Adam L., Salina, Kans. Screen door spring. 2,129,338; Sept. 6.
- Timmmons, Colin W. (See Bills, Claud H., assignor.)
- Timpson, Lewis G. M., Plainfield, assignor to Pyrene-Minimax Corporation, Newark, N. J. Method of and agent for producing fire extinguishing foam. 2,135,365; Nov. 1.
- Timson, Ernest A., and C. H. Dickinson, Kettering, England. Sheet-feeding mechanism for printing and analogous machines. 2,130,977; Sept. 20.
- Tindula, Roy W. (See Egeberg, B., and Tindula.)
- Tingle, Roman J., W. W. Barcy, and J. E. Fuchs, Detroit, Mich. Insulated bushing. 2,137,313; Nov. 22.
- Tingle, William E., Butte, Nebr. Parachute. 2,127,895; Aug. 23.
- Tingler, William E. (See Whistler, L. V., Saabye, and Tingler.)
- Tingle, James G., Miami, Fla. Motor propelled vehicle. 2,141,568; Dec. 27.
- Tingley Reliance Rubber Corporation. (See Jackson, Walter C., assignor.)
- Tinker, John M., Penns Grove, L. Spiegler, Woodbury, N. J., and D. X. Klein, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Naphthazarine intermediate-aromatic amine condensation products. 2,135,366; Nov. 1.
- Tinker, Ralph, Fountain City, Wis. Cultivator plow. 2,127,347; Aug. 16.
- Tinker, Walter H., Muncie, Ind., and E. J. Mallon, Chillicothe, Ohio. Internal combustion engine. 2,122,785; July 5.
- Tinnerman, Albert E. (See Lombard, Herman G., assignor.)
- Tinnerman, Albert H. (See Lombard, Herman G., assignor.)
- Tinnerman, Albert H. (See Tinnerman, George A., assignor.)
- Tinnerman, Albert H., Cleveland, Ohio. Flue connection. 2,110,083; Mar. 1.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Tool. 2,111,106; Mar. 15.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,117,775; May 17.
- Tinnermann, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Means for ornamenting. 2,118,746; May 24.
- Tinnerman, George A., Rocky River, assignor to Albert H. Tinnerman, Cleveland, Ohio. Grille fastener and installation thereof. 2,127,072; Aug. 16.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Adapting sheet metal for receiving bolts, screws, or the like. 2,135,417; Nov. 1.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Providing fastening means in sheet metal. 2,135,418; Nov. 1.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Connecting knobs to shafts. 2,136,160; Nov. 8.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Tool. 2,137,929; Nov. 22.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,140,064; Dec. 13.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Metallic molding construction and the like. 2,140,887; Dec. 20.
- Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Trim panel assembly. 2,141,700; Dec. 27.
- Tinnes, Samuel P. (See Stockdale, S. W., Weaver, and Tinnes.)
- Tintera, George E., Berwyn, and W. E. Gahl, Brookfield, assignors to Templeton, Kenly & Company, Limited, Chicago, Ill. Operating mechanism for lifting jacks. 2,126,843; Aug. 16.
- Tintore, Ignacio M., San Francisco, Calif. Spinning top. 2,112,182; Mar. 22.
- Tippett, William M. (See Turney, Lee L., assignor.)
- Tipping, John, Strand, London, England, assignor, by mesne assignments, to Ball Brothers Company, Muncie, Ind. Glass feeder. 2,137,734; Nov. 22.
- Tipson, Melvin T., assignor to James R. Kearney Corporation, St. Louis, Mo. Wire clamping device. 2,120,447; June 14.
- Tipton, Archie. (See Smith, Daniel H., assignor.)
- Tipton, Ray E. (See Cline, T. E., and Tipton.)
- Tire Pressure Control, Inc. (See Mann, James H., Jr., assignor.)
- Tirrell, Henry S. (See Hunt, F. B., Pratt, Tirrell, and Turner.)
- Tischbein, Willy, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing azo dyestuffs on the fiber. 2,124,899; July 26.



- Tischer, Arthur O., assignor to Eastman Kodak Company, Rochester, N. Y. Purification of soy bean oil. 2,117,776; May 17.
- Tischler, Thomas A., assignor to J. Sikora, Detroit, Mich. Hammock. 2,104,917; Jan. 11.
- Tisdale, Eura B., Hot Springs, Ark. Utility rack. 2,131,990; Oct. 4.
- Tisdale, Wendell H., Cleveland Heights, Ohio, and A. L. Flenner, assignors, by mesne assignments to E. I. du Pont de Nemours & Company, Wilmington, Del. Protective composition for fruits and the like. 2,128,973; Sept. 6.
- Tishler, Lester A., Brooklyn, N. Y., assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispensing carton. 2,115,891; May 3.
- Tishman, Paul, Scarsdale, N. Y. Flexible tube warmer. 2,120,301; June 14.
- Tiskey, Walter J., assignor to Robertson Paper Box Company, Inc., Montville, Conn. Display box. 2,131,239; Sept. 27.
- Tisza, Edmond T. (See Renshaw, R. R., and Tisza.)
- Tisza, Edmond T., Yonkers, N. Y., assignor to Pyridium Corporation. Preparation of antiseptics for internal use. 2,124,321; July 19.
- Titan Company. (See Lusseyran, Pierre, assignor.)
- Titangesellschaft m. b. H. (See Weise, F., and Raspe, assignors.)
- Titanium Alloy Manufacturing Company, The. (See Gardner, Henry A., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Kinzie, Charles J., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Hake, assignors.)
- Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Wainer, assignors.)
- Titanium Steel Alloy Company. (See Crist, Donald M., assignor.)
- Titeflex Metal Hose Co. (See Stone, R. Harry, assignor.)
- Titeflex Metal Hose Co. (See Stone, R. H., and Tilley, assignors.)
- Title, Ralph E. W. (See Burdsal, C. S., and Titel.)
- Title Guarantee and Trust Company, executor. (See Townsend, Harry E.)
- Titmus, Edward H., assignor to Titmus Optical Company, Petersburg, Va. Lens and manufacturing the same. 2,140,410; Dec. 13.
- Titmus Optical Company. (See Titmus, Edward H., assignor.)
- Tittle, Hulburt C., Park Ridge, assignor, by mesne assignments, to Aurex Corporation, Chicago, Ill. Electrical sound transmitter. 2,130,206; Sept. 13.
- Titus, Thomas L., assignor to The Wyott Manufacturing Company, Cheyenne, Wyo. Liquid pump. 2,109,224; Feb. 22.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle wheel and spring suspension. 2,105,171; Jan. 11.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Engine mounting. 2,106,541; Jan. 25.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Door and body construction. 2,116,330; May 3.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Automobile body. 2,122,444; July 5.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Automobile body. 2,122,445; July 5.
- Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Wheel. 2,133,597; Oct. 18.
- Tjoflat, Gerald B., Mount Lebanon, Pa. Thermionic electrode. 2,117,636; May 17.
- Toastolator Company. (See De Mattels, Alfredo, assignor.)
- Toastolator Company. (See De Mattels, A., and Goddard, assignors.)
- Toaz, Glenn A., Bedford, Ohio. Fruit jar. 2,106,880; Feb. 1.
- Tobacco By-Products and Chemical Corporation. (See Arnold, Robert B., assignor.)
- Tobacco By-Products and Chemical Corporation. (See Moore, W., and Arnold, assignors.)
- Tobacco, Frank J., New York, N. Y. Shoe manufacture. 2,111,705; Mar. 22.
- Tobe Deutschmann Corporation, The. (See Scott, George W., assignor.)
- Tobia, Vincent, Chandlers Ford, assignor to Pirelli-General Cable Works Limited, London, England. Apparatus for automatically feeding metal pigs. 2,108,457; Feb. 15.
- Tobias, Werner, Berlin, assignor to Olympia Büro-maschinenwerke Aktiengesellschaft, Erfurt, Germany. Typewriter. 2,125,826; Aug. 2.
- Tobliasson, Anders E., Lysekil, Sweden. Vessel or box for canning. 2,105,798; Jan. 18.
- Tobler, John H. (See Tompkins, E. H., and Tobler.)
- Todd Combustion Equipment, Inc. (See Haynes, George P., assignor.)
- Todd Combustion Equipment, Inc. (See McDonald, James, assignor.)
- Todd Company, The. (See Payne, Walter B., assignor.)
- Todd, Garry W., Charlotte, N. C. Tractor hitch. 2,126,357; Aug. 9.
- Todd, Guerin, Red Bank, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Conveyor driving control. Re. 20,675; Mar. 22.
- Todd, Harry K., Tacoma, Wash. Remote volume control device for radio receiving sets. 2,135,738; Nov. 8.
- Todd, Harry K., Tacoma, Wash. Remote volume control device for radio receiving sets. 2,135,739; Nov. 8.
- Todd-McWeeny Corporation. (See McWeeny, John L., assignor.)
- Todd, William, Leominster, Mass. Coupling device. 2,118,990; May 31.
- Todt, Edward B., assignor to Buescher Band Instrument Co., Elkhart, Ind. Valve construction for wind musical instruments. 2,132,329; Oct. 4.
- Toelke, Ralph A., Cincinnati, Ohio. Electrical connector. 2,110,513; Mar. 8.
- Toelle, August, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Regulator for battery charging systems. 2,136,716; Nov. 15.
- Toensfeldt, Kurt, Port Washington, assignor to Combustion Engineering Company, Inc., New York, N. Y. Regulating means for steam generating plants. 2,116,587; May 10.
- Toepperwein, Ferdinand L. (See Dailey, Hiram H., assignor.)
- Toews, Henry L., executor et al. (See Toews, Peter W.)
- Toews, Peter B., executor et al. (See Toews, Peter W.)
- Toews, Peter W., deceased, Swallow, Alberta, by P. B. Toews, Bircham, Alberta, and H. L. Toews, Sunnyslope, Alberta, Canada, executors. Turntable. 2,135,924; Nov. 8.
- Tofte, Harold, Syracuse, assignor to T. N. Benedict Manufacturing Company, East Syracuse, N. Y. Drink mixer. 2,106,861; Feb. 1.
- Tofte, Harold, Syracuse, assignor to T. N. Benedict Manufacturing Company, East Syracuse, N. Y. Soda fountain straw jar with clip. 2,132,058; Oct. 4.
- Togami, Nobufumi, Saga-shi, Japan. Electric hair clipper. 2,108,569; Feb. 15.
- Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,112,214; Mar. 22.
- Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. High tension ignition system. 2,139,475; Dec. 6.
- Tokheim Oil Tank and Pump Company. (See Bechtold, Reuben E., assignor.)
- Tokheim Oil Tank and Pump Company. (See Trudeau, Maximilian O., assignor.)
- Toledo Automatic Brush Machine Company, The. (See Jobst, Conrad, assignor.)
- Toledo Machine Company, The. (See Dorman, Neal W., assignor.)
- Toledo Porcelain Enamel Products Company, The. (See Stopplet, Robert T., assignor.)
- Toledo Scale Manufacturing Company. (See Bennett, Hubert D., assignor.)
- Toledo Scale Manufacturing Company. (See Coulter, Marion D., assignor.)
- Toledo Scale Manufacturing Company. (See Gilchrist, Frederick W., assignor.)
- Toledo Scale Manufacturing Company. (See Marshall, Charles O., assignor.)
- Toledo Scale Manufacturing Company. (See Ridge, Herman D., assignor.)
- Toledo Scale Manufacturing Company. (See Waltz, Foster V., assignor.)
- Toledo Scale Manufacturing Company. (See Williams, Lawrence S., assignor.)
- Tolen, Earl V., and C. B. Harbstreit, Bedford, Ind., assignors to Reliance Manufacturing Company, Chicago, Ill. Neck band forming apparatus. 2,122,303; June 28.
- Tolerton, Ray E., assignor to The Magnavox Company, Fort Wayne, Ind. Sound reproducing apparatus. 2,112,473; Mar. 29.
- Tolerton, Ray E., Fort Wayne, Ind., assignor, by mesne assignments, to The Magnavox Company, Incorporated. Loudspeaker mounting. 2,141,423; Dec. 27.
- Tollefsen, Reidar A. (See Klein, M., and Tollefsen.)
- Tollefsen, Ernest M., assignor to Mahr Manufacturing Company, Minneapolis, Minn. Forming valve devices. 2,111,706; Mar. 22.
- Tollison, Paul L., Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Synchronization indicating device. 2,109,362; Feb. 22.
- Tolman, Charles P., Kew Gardens, N. Y. Liquid fuel conditioning apparatus. 2,105,992; Jan. 18.
- Tolson, Eugene O., Fort Worth, Tex. Marking device for orienting whipsacks. 2,131,849; Oct. 4.
- Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Electrical control apparatus. 2,108,152; Feb. 15.
- Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Telemetering system. 2,110,746; Mar. 8.
- Tolson, William A., Westmont, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television system. 2,124,478; July 19.
- Tolson, William A., Westmont, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Direction finder. 2,130,912; Sept. 20.
- Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. System for the communication of intelligence. 2,130,913; Sept. 20.



- Tomarin, Marcus, Chicago, Ill. Window frame putty groove cleaning device. 2,140,120; Dec. 13.
- Tomkins, Florence, executrix. (See Tomkins, William J.)
- Tomkins, Harold A., and L. A. Ward, assignors to The Tomkins-Johnson Company, Jackson, Mich. Safety control system. 2,132,811; Oct. 11.
- Tomkins-Johnson Company, The. (See Tomkins, H. A., and Ward, assignors.)
- Tomkins, William J., deceased, Chicago, Ill.; F. Tomkins, executrix. Convertible rail and highway vehicle. 2,140,121; Dec. 13.
- Tomlinson, Fay M., Cleveland, Ohio, assignor to Arthur M. Hood, trustee. Speed varying gearing. 2,116,180; May 3.
- Tomlinson, Fred E., assignor of one-half to H. L. Kelley, Grove, Okla. Endgate fastener. 2,115,241; Apr. 26.
- Tomlinson of High Point. (See Alfred, James C., assignor.)
- Tompkins, Charles A., Indianapolis, assignor to Mead Johnson & Company, Evansville, Ind. Food product for treatment of infantile diarrhea. 2,139,139; Dec. 6.
- Tompkins, Charles E., assignor to J. R. Clancy, Inc., Syracuse, N. Y. Stage curtain rigging. 2,142,063; Dec. 27.
- Tompkins, Emerson H. (See Johnston, H. F., and Tompkins.)
- Tompkins, Emerson H., Waterbury, and I. T. Hoffhan, Waterville, assignors to Scovill Manufacturing Company, Waterbury, Conn. One-hand focusing flashlight. 2,125,038; July 26.
- Tompkins, Emerson H., and J. H. Tobler, assignors to Scovill Manufacturing Company, Waterbury, Conn. Dispensing nozzle. 2,129,511; Sept. 6.
- Tompkins, Gerald S., Lewiston, assignor to American Viscose Corporation, Marcus Hook, Pa. Swift guard. 2,130,253; Sept. 13.
- Tompkins, William M., Corpus Christi, Tex. Covering for freshly poured concrete. 2,133,641; Oct. 18.
- Tomsicek, William J., St. Paul, Minn., L. L. Dodge, Rhineland, Wis., and J. B. Calva, St. Paul, Minn., assignors to Dodge Chemical and Manufacturing Company, Chicago, Ill. Container coatings. 2,122,543; July 5.
- Toncray, Millard H., and E. H. Pickett, assignors to Hudson Motor Car Company, Detroit, Mich. Window ventilating mechanism. 2,128,384; Aug. 30.
- Tondreau, Albert W., Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y. Camera support. 2,111,012; Mar. 15.
- Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film pull-down mechanism. 2,124,322; July 19.
- Tondreau, Albert W., Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y. Follow focus device. 2,133,063; Oct. 11.
- Tonelli, Ethil, Fall River, assignor to The Pairpoint Corporation, New Bedford, Mass. Cone winding machine. 2,131,604; Sept. 27.
- Toney, Edward F., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Store front construction. Re. 20,681; Mar. 29.
- Tong, Helen M. (See Tong, John W., assignor.)
- Tong, John W., Buffalo, assignor to H. M. Tong, Warsaw, N. Y. Knob and spindle connecting device. 2,111,254; Mar. 15.
- Tongue, Thomas O. (See Gabeler, W. H., Wilson, Tongue, and Shoeld.)
- Tonjes, Henry, Jr., Wisner, Nebr. Guided plow hitch. 2,139,212; Dec. 6.
- Tonkin, Albert, Cloquet, assignor of two-thirds to J. L. Monahan, Minneapolis, Minn. Gas mixer. 2,106,903; Feb. 1.
- Tonkin, Albert, Cloquet, assignor of two-thirds to J. L. Monahan, Minneapolis, Minn. Air conditioner. 2,120,166; June 7.
- Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Vapor electric discharge device. 2,128,861; Aug. 30.
- Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Vapor electric discharge device. 2,128,862; Aug. 30.
- Tönnes, Hans F., Grossflottbek, near Hamburg, Germany. Photoelectric photometer. 2,137,466; Nov. 22.
- Toohy, Frank, Jr. (See Hurrey, R. C., and Toohy.)
- Toohy, James W., Baltimore, Md. Material handling system. 2,114,728; Apr. 19.
- Tookousian, Persak, assignor of fifteen per cent to H. E. Kouzian, Detroit, Mich. Copper alloy. 2,141,054; Dec. 20.
- Toomey, John F. (See Hall, O. C., and Toomey.)
- Topham, Laurence E., Wenham, and C. L. Knott, Beverly, assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoes. 2,127,707; Aug. 23.
- Topjian, Daniel, Watertown, Mass. Odor dispensing device. 2,139,291; Dec. 6.
- Töpper, Ernst, Berlin-Neukölln, Germany, assignor of one-half to W. H. Martin, London, England. Ballast weight for diving suits. 2,120,420; June 14.
- Topping, Frank J., Hinton, W. Va. Air-cooled steam pipe expansion joint. 2,127,073; Aug. 16.
- Topping, John A., Bronxville, N. Y. Covering material. 2,106,395; Jan. 25.
- Topping, John A., Bronxville, N. Y. Roof construction. 2,106,396; Jan. 25.
- Topping, John A., Bronxville, N. Y. Covering construction. 2,132,999; Oct. 11.
- Torbert, John E., Jr., National City, Calif. Drill. 2,106,937; Feb. 1.
- Torbert, John E., Jr., National City, Calif. Junction box. 2,124,156; July 19.
- Torbert, John E., Jr., National City, Calif. Speed changing mechanism. 2,132,088; Oct. 4.
- Torbert, John E., Jr., National City, Calif. Mirror for spirit levels. 2,133,598; Oct. 18.
- Torburn, Gustav P., Oakland, Calif. Blanket insulated refrigerator car. 2,111,707; Mar. 22.
- Toren, Joseph, Chicago, Ill. Door locking means. 2,132,767; Oct. 11.
- Torgeson, Gustav A., and V. E. Rogers, Madison, Wis. Paper bag distributor. 2,123,592; July 12.
- Torgerson, Joseph L., Milwaukee, Wis. Saw filing machine. 2,125,755; Aug. 2.
- Torjussen, Karl, Brooklyn, N. Y. Submarine lifeboat. 2,121,894; June 28.
- Torkelson, Torkel E., Merrick, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,131,908; Oct. 4.
- Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Reel rod for a printing cylinder. 2,141,961; Dec. 27.
- Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Explosionproof union. 2,106,444; Jan. 25.
- Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Plug and dead end receptacle. 2,114,258; Apr. 12.
- Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Cable connector. 2,134,655; Oct. 25.
- Törnebohm, Hilding Valdemar, assignor to Aktiebolaget Svenska Kullagerfabriken, Göteborg, Sweden. Determining the surface characteristics of work pieces. 2,138,411; Nov. 29.
- Torner, Carl, Olympia, Wash. Logging rig. 2,121,134; June 21.
- Tornkvist, Ivar. (See Andersson, S. W. E., and Tornkvist.)
- Tornow, Maximilian A., Berlin-Dahlem, Germany. Safety device for gas systems. 2,133,124; Oct. 11.
- Tornquist, Carl A., Winchendon, Mass. Collapsible adjustable chair. 2,121,456; June 21.
- Toro Manufacturing Corporation of Minnesota. (See Moyer, Amos F., assignor.)
- Toronto Star Limited, The. (See Wallace, R. E., and West, assignors.)
- Torp, Charles A. (See Betzold, M. F., Rascher, and Torp.)
- Torrance, John R. (See Cox, H. E., and Torrance.)
- Torrance, Philip M. (See Taylor, R. S., Torrance, and Anderson.)
- Torres, Joseph, New Bedford, Mass. Game apparatus. 2,113,521; Apr. 5.
- Torrington Company, The. (See Ball, Charles P., Jr., assignor.)
- Torrington Manufacturing Company, The. (See Bergevin, Charles R., assignor.)
- Torrington Manufacturing Company, The. (See Bergevin, C. R., and Nigro, assignors.)
- Torrington Manufacturing Company, The. (See Halvorsen, E. W., and Nigro, assignors.)
- Torrington, Paul, Jr. (See Rauer, P., and Torrington.)
- Torstenson, Elmer L., Chicago, Ill. Facing for building constructions. 2,119,690; June 7.
- Torstensson, Sture F., Stockholm, Sweden. Insulation. 2,128,336; Aug. 30.
- Tortoreto, Ruggero, et al. (See Lambert, Thomas H., assignor.)
- Toscano, Louis P., Brooklyn, N. Y. Container. 2,114,823; Apr. 19.
- Toskey, Chester M., Chicago, J. D. Feeney, Downers Grove, Ill., and C. E. Colegrove, Lakewood, Ohio, assignors to Sears, Roebuck and Co., Chicago, Ill. Sewing machine. 2,139,426; Dec. 6.
- Tosten, Roy, Darlington, Md. Portable hydraulic power unit. 2,114,241; Apr. 12.
- Tosterud, Martin. (See Work, H. K., and Tosterud.)
- Toth, John, Jr., South Bend, Ind. Oil cooling system. 2,127,192; Aug. 16.
- Toth, Louis. (See Pereml, E., and Toth.)
- Touceda, Enrique G., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Centrifugal casting machine. 2,104,380; Jan. 4.
- Touceda, Enrique G., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Heating device. 2,109,758; Mar. 1.
- Touceda, Enrique G., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Alloy. 2,134,423; Oct. 25.
- Toucher, Lewis. (See Marchek, Joseph H., assignor.)
- Toulmin, Harry A., Jr., Dayton, Ohio, assignor, by mesne assignments, to Commonwealth Engineering Corporation, Wilmington, Del. Apparatus for production of carbon black. 2,127,193; Aug. 16.
- Tour, Sam, New York, N. Y., assignor to U. S. Ring Traveler Company, Providence, R. I. Ring traveler. 2,108,027; Feb. 8.



- Tournay-Hinde, Arthur W., Sydney, New South Wales, assignor to Animated Slides Limited, Canberra, Australia. Lantern slide dissolving view projector. 2,124,090; July 19.
- Toussaint, Charles F., assignor, by mesne assignments, to The Electromatic Corporation, Chicago, Ill. Fluid regulating valve. 2,111,230; Mar. 15.
- Toussaint, Walter J., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, New York, N. Y. Preparation of hexoic acids. 2,115,892; May 3.
- Touton, Rush D. (See Wurman, H. P., and Touton.)
- Touton, Rush D., assignor to Wurton Machine Company, Philadelphia, Pa. Treating tobacco. 2,105,848; Jan. 18.
- Touton, Rush D., assignor, by mesne assignments, to Wurton Machine Company, Philadelphia, Pa. Treating tobacco. 2,121,369; June 21.
- Touton, Rush D., assignor, by mesne assignments, to Wurton Machine Company, Philadelphia, Pa. Apparatus for treating tobacco. 2,121,370; June 21.
- Tow, James O., South Pasadena, assignor of one-half to R. H. Schmid, Whittier, Calif. Well screen. 2,111,680; Mar. 22.
- Toward, William. (See Toward, William and A.)
- Toward, William, Poland Mines, and A. Toward, Eighty-four, Pa. Electric power apparatus. 2,121,895; June 28.
- Tower, Charles H. (See Sawyer, C. B., Tower, and Williams.)
- Tower, Herschel E., assignor to The Baldwin Company, Cincinnati, Ohio. Tone deflector for grand pianos. 2,138,669; Nov. 29.
- Tower, Leslie R., assignor to Boeing Aircraft Company, Seattle, Wash. Control flap and balance. Re. 20,891; Oct. 18.
- Tower, Miles E., Spokane, Wash. Gauge rod. 2,127,835; Aug. 23.
- Tower Optical Company, The. (See Casey, Arthur F., assignor.)
- Towler, Frank H. and J. M. Rodley, near Leeds, England. Fluid-operated balancing system. 2,122,899; July 5.
- Towler, John M. (See Towler, Frank H. and J. M.)
- Towler, William T. (See Porteous, William K., assignor.)
- Towlsaver, Inc. (See Perrin, Jay C., assignor.)
- Towne, Cecil D., Milo, Maine. Electrode positioning device. 2,135,296; Nov. 1.
- Towne, Charles C. (See Clarke, L. A., and Towne.)
- Towne, Charles C., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Drive for rotating elements of electro-optical systems. 2,105,897; Jan. 18.
- Towne, Charles C., Beacon, assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbons. 2,132,365; Oct. 4.
- Towne, Charles C., Beacon, assignor to The Texas Company, New York, N. Y. Synthetic oil. 2,138,775; Nov. 29.
- Towne, Edmund B., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacturing substituted succinic acids and esters thereof. 2,120,688; June 14.
- Townend, Robert V. (See Haynes, C. R., Clayton, and Townend.)
- Townley, James R., Chamols, and A. J. Mauntel, Washington, Mo., assignors to Judson L. Thomson Mfg. Co., Inc., Waltham, Mass. Work feeding device. 2,108,626; Feb. 15.
- Towns, Herbert L., assignor to Armstrong Siddeley Motors Limited, Coventry, England. Air-cooled internal-combustion engine. 2,120,045; June 7.
- Towns, Herbert L., and G. M. Cutler, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Control of gearing for driving superchargers on aircraft engines. 2,139,986; Dec. 13.
- Townsend, Charles E. S. (See Calvert, James W., assignor.)
- Townsend, Everett E. (See Townsend, Henry W. and E. E.)
- Townsend, Frank J., New York, N. Y. Hydraulic window releasing means. 2,112,431; Mar. 29.
- Townsend, Harry E., deceased, Brooklyn, N. Y.; Title Guarantee and Trust Company, executor. Hermetically sealed container. 2,122,908; July 5.
- Townsend, Henry W. and E. E., Fort Stockton, Tex. Sheep vaccinator. 2,126,358; Aug. 9.
- Townsend, James W., assignor to The Alaska Freezer Co., Inc., Winchendon, Mass. Gear head for freezers. 2,117,923; May 17.
- Townsend, Leonard G., Washington, D. C. Method of and apparatus for the indexing and photo-transcription of records. 2,121,061; June 21.
- Townsend, Leonard G., Washington, D. C. Apparatus for making and/or utilizing photo records. 2,140,567; Oct. 20.
- Townsend, Oliver A., and A. P. Masters, assignors to Tru Colour Film Limited, Wellington, New Zealand. Colored photography. 2,107,094; Feb. 1.
- Townsend, Paul V., Anderson, Ind. Dual fulcrum diving board. 2,112,316; Mar. 29.
- Townsend, Rex, New York, N. Y. Cigarette package. 2,123,562; July 12.
- Townsend, Thomas T., New York, N. Y. Automatic battery filling device. 2,139,476; Dec. 6.
- Townsend, Thomas T., New York, N. Y. Automatic battery filling device. 2,139,477; Dec. 6.
- Townsend, William S., assignor to American Can Company, New York, N. Y. Canned oil dispensing apparatus. 2,130,371; Sept. 20.
- Towson, Sheldon K., Cleveland Heights, assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Industrial truck. 2,114,156; Apr. 12.
- Towson, Sheldon K., Cleveland Heights, assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Industrial truck. 2,114,157; Apr. 12.
- Toys of Summit, Inc. (See Gattuso, Salvatore, assignor.)
- Toyne, John W., South Bend, Ind. Ice cube freezing device. 2,132,248; Oct. 4.
- Trabold, Frank W., Detroit, Mich. Apparatus for preparing meat products. 2,138,260; Nov. 29.
- Trabold, Frank W., Detroit, Mich. Shaping food products. 2,138,462; Nov. 29.
- Trabon Engineering Corporation. (See Hillis, David R., assignor.)
- Tracy, Atlee H., Chicago, Ill. Container holder. 2,122,628; July 5.
- Tracy, Charles W. (See Allain, Maximiliano C., and Tracy.)
- Tracy, Howard E., assignor to O. S. Walker Co. Incorporated, Worcester, Mass. Magnetic chuck. 2,132,885; Oct. 11.
- Trademens Bank and Trust Company, administrator. (See Halversen, Hans N.)
- Trade-Wind Motorfans, Inc. (See Orear, Andrew G., assignor.)
- Traffic Signs & Signals, Inc. (See Schiller, Sigge, assignor.)
- Traficante, Edward. (See Bolster, John M., assignor.)
- Trager, Leon, Newark, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Valve mechanism for compound meters. 2,125,596; Aug. 2.
- Trahey, John C., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for sizing photographic paper. 2,129,249; Sept. 6.
- Trail, John O., Forest City, Iowa. Fence post brace. 2,107,589; Feb. 8.
- Trailer Company of America, The. (See Black, James J., assignor.)
- Trainer, James E. (See Christensen, M., Plaine, Trainer, and Hodge.)
- Trainer, James E. (See Hollister, S. C., Trainer, and Kehoe.)
- Trainer, James E., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Apparatus for arc welding. 2,135,129; Nov. 1.
- Tramm, Heinrich, C. Clar, P. Kühnel, and W. Schuff, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Fireproofing of wood. 2,106,938; Feb. 1.
- Trammell, Earl M., assignor to Huttig Sash & Door Company, St. Louis, Mo. Venetian blind. 2,139,781; Dec. 13.
- Tramsak, John, assignor to The Columbian Vise & Manufacturing Company, Cleveland, Ohio. Vise. 2,139,292; Dec. 6.
- Trane Company, The, et al. (See Anderegg, Ruben H., assignor.)
- Trangmar, Edgar W. T., Brighton, England. Apparatus for practicing putting. 2,110,925; Mar. 15.
- Tranin Egg Products Company. (See Tranin, Samuel, assignor.)
- Tranin, Samuel, Kansas City, Mo. Treating liquid egg whites. 2,119,657; June 7.
- Tranin, Samuel, Kansas City, Mo. Dried egg product and producing the same. 2,127,945; Aug. 23.
- Tranin, Samuel, deceased; H. Hansen, executor, assignor to Tranin Egg Products Company, Kansas City, Mo. Egg product and preparing the same. 2,139,705; Dec. 13.
- Transit Research Corporation. (See Hirshfeld, Clarence F., assignor.)
- Transit Research Corporation. (See Piron, Emil H., assignor.)
- Transit Research Corporation. (See Rossell, William T., assignor.)
- Translode Joint Company, The. (See Robertson, Edgar C., assignor.)
- Translode Joint Company, The. (See Robertson, Robert R., assignor.)
- Trans-Lure Balt Company. (See Smith, Harold F., assignor.)
- Trans-Lux Corporation. (See Cavalcante, Jonathan S., assignor.)
- Trans-Lux Corporation. (See Hamer, James H. S., assignor.)
- Trans-Lux Corporation. (See Newman, David E., assignor.)
- Trans-Lux Corporation. (See Weller, Frank E., assignor.)
- Transportation Devices Corporation. (See Pearce, E. S., and Karbo, assignors.)
- Transportation Systems Inc. (See Gross, Charles, assignor.)
- Transportation Systems, Inc. (See Main, David W., assignor.)
- Transportation Systems Inc. (See Nampa, Sulo M., assignor.)
- Trapp, George J. (See Brock, D. T., and Trapp.)
- Trapp, George J., Merton Park, London, assignor to Automotive Products Company Limited, London, England. Cam and follower mechanism. 2,107,456; Feb. 8.



- Trapp, George J., Merton Park, assignor to Automotive Products Company Limited, London, England. Fuel injection pump. 2,118,578; May 24.
- Trapp, George J., assignor to Automotive Products Company Limited, London, England. Governing means for injection pumps. 2,125,210; July 26.
- Trapp, Lester, New York, N. Y. One-cycle control device. 2,134,218; Oct. 25.
- Trask, Allen, assignor to Mills Novelty Company, Chicago, Ill. Valve. 2,106,775; Feb. 1.
- Tratsch, Walter A., Chicago, Ill. Amusement apparatus. 2,111,952; Mar. 22.
- Tratsch, Walter A., Chicago, Ill. Target apparatus. 2,127,276; Aug. 16.
- Traub, Ernest, London, England. Scanning device for television apparatus. 2,139,869; Dec. 13.
- Traube, Abraham, Brooklyn, N. Y. Drying apparatus. 2,126,426; Aug. 9.
- Traube, Wilhelm, Berlin, Germany, assignor of three-sevenths to N. V. Algemeene Chemische en Technische Maatschappij "Achetem", The Hague, Netherlands. Production of cellulose derivatives. 2,140,568; Dec. 20.
- Traugher, Gard F. (See Holland, S. T., Traugher, and McVey.)
- Traugott, Carl. (See Studt, E., and Traugott.)
- Trautmann, Otto E. (See Cook, A. A., and Trautmann.)
- Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Focusing camera. 2,117,231; May 10.
- Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Field glass. 2,124,157; July 19.
- Trautner, Wagn, Springdale, Ohio, assignor, by mesne assignments, to E. H. Kueffer. Holding switch. 2,119,450; May 31.
- Trautner, Wagn, Springdale, Ohio, assignor to E. H. Kueffer, Oakland, Calif. Rotary switch assembly. 2,135,958; Nov. 8.
- Trautner, Wagn, Springdale, Ohio, assignor to E. H. Kueffer, Oakland, Calif. Pilot light assembly. 2,141,115; Dec. 20.
- Trautner, Wagn, Hamilton, Ohio, assignor to E. H. Kueffer, Oakland, Calif. Holding and releasing switch. 2,120,876; June 14.
- Trautner, Wagn, Springdale, Ohio, and H. E. Metcalf, Walnut Creek, assignors to E. H. Kueffer, Oakland, Calif. Vehicle signaling system. 2,133,000; Oct. 11.
- Trautner, Wagn, Springdale, Ohio, and H. E. Metcalf, Walnut Creek, assignors to E. H. Kueffer, Oakland, Calif. Signaling lamp. 2,137,319; Nov. 22.
- Trautwein, Friedrich, Berlin-Zehlendorf, Germany. Electrical musical instrument. 2,141,231; Dec. 27.
- Travaglini, Frank, Philadelphia, Pa. Vegetable washer. 2,121,719; June 21.
- Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Peak alternating current measuring apparatus. 2,114,865; Apr. 19.
- Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,115,596; Apr. 26.
- Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Protection of electric systems. 2,115,597; Apr. 26.
- Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Protective apparatus. 2,131,605; Sept. 27.
- Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Protective arrangement. 2,137,865; Nov. 22.
- Traver, William A. (See Little, R., Traver, Wood, and Fraim.)
- Travis, Alvin J., Hardesty, Okla., assignor to F. E. Evans, Darrrouzett, Tex. Straight lift pump jack. 2,136,478; Nov. 15.
- Travis, Archie, Salem, Ky. Testing device. 2,112,638; Mar. 29.
- Travis, Bert, Whittier, Calif. Toy vehicle. 2,113,750; Apr. 12.
- Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Frequency control circuits. 2,140,339; Dec. 13.
- Travis, Don C. (See Woller, E. E., Travis, and Bayer.)
- Travis, Don C., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedspring. 2,116,588; May 10.
- Travis, Don C., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedspring. 2,119,368; May 31.
- Travis, Don C., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedspring. 2,135,607; Nov. 8.
- Trayer Products Incorporated. (See Evans, M. H., and Sayre, assignors.)
- Traylor Engineering and Manufacturing Company. (See Rice, Lewis A., assignor.)
- Traylor, John A., Tiger, Colo. Trommel screen. 2,121,371; June 21.
- Traylor Vibrator Company, The. (See Flint, James A., assignor.)
- Trbojevich, Nikola, Detroit, Mich. Shaft or beam. 2,109,937; Mar. 1.
- Trbojevich, Nikola, Detroit, Mich. Differential and axle drive. 2,120,636; June 14.
- Trbojevich, Nikola, Detroit, Mich. Gauge. 2,134,062; Oct. 25.
- Treacy, Cyril S., Scarsdale, assignor to United Research Corporation, Long Island City, N. Y. Hermetic seal for light-sensitive material. 2,140,725; Dec. 20.
- Treadway, Sherman C., and C. Heckendorn, Forrest City, Ark. Garment hanger. 2,107,224; Feb. 1.
- Treadwell, M. H., Company. (See Olson, Johan H., assignor.)
- Treat, Parker E., et al. (See Le Fevre, Ralph A., assignor.)
- Treboux, Jules, assignor to firm J. R. Geigy A. G., Basel, Switzerland. Production of solutions of rubber and substances similar to rubber. 2,104,358; Jan. 4.
- Tredway, W. T., trustee. (See Cool, William R., assignor.)
- Trees, Joseph C., et al. (See Rose, James R., assignor.)
- Trefz, Julius J., Evanston, and O. Kaspar, Chicago, Ill. Pressure control device. 2,138,412; Nov. 29.
- Tremaine, Glenville S., Westfield, assignor to Electric Boat Company, Bayonne, N. J. Flexible engine support. 2,116,988; May 10.
- Tremblay, Albert F., assignor to Kent-Owens Machine Company, Toledo, Ohio. Glass article shaping machine. 2,115,051; Apr. 26.
- Tremblay, Gregoire E., Quebec, Quebec, Canada. Weather strip. 2,132,060; Oct. 4.
- Tremblay, Joseph L. A., East Barnet, Vt. Series lighting. 2,114,511; Apr. 19.
- Trembley, George E., Homewood, assignor of one-fourth to L. H. Ayer, Chicago Heights, Ill. Road rolling machine. 2,132,059; Oct. 4.
- Tremmel, Henry G., assignor to The North American Fibre Products Company, Cleveland, Ohio. Flow regulator. 2,115,675; Apr. 26.
- Tremolada, Guglielmo. (See Davidson, W. D., and Tremolada.)
- Trencavel, Albert B., New York, N. Y., assignor to American Hot Water Systems, Inc. Hot water heating device. 2,135,367; Nov. 1.
- Trencham, Henry, Kings End, Ruislip, and K. J. R. Wilkinson, Rugby, England, assignors to General Electric Company. Testing of electric circuits. 2,140,395; Dec. 13.
- Trenton Spring Products Company. (See Douglas, John A., assignor.)
- Trenton Spring Products Company. (See McCoy, Charles F., assignor.)
- Trepanier, Ivan, Waterbury, Conn. Electric clock mechanism. 2,108,931; Feb. 22.
- Trepanier, Leo R. (See De Rome, J. J., and Trepanier, assignors.)
- Trepaid, Georges, La Rochelle, France. Vertical heat exchanger. 2,121,999; June 28.
- Tresenberg, Paul, Brooklyn, N. Y. Hair curler. 2,112,582; Mar. 29.
- Tretchway, Frederick C., Wilkes-Barre, assignor of one-fourth to C. P. Stewart, Forty Fort, Pa. Stoker. 2,120,046; June 7.
- Tret-O-Lite Company. (See Blair, Charles M., assignor.)
- Tret-O-Lite Company, The. (See De Groot, Melvin, assignor.)
- Tret-O-Lite Company, The. (See De Groot, M., and Keiser, assignors.)
- Tret-O-Lite Company, The. (See De Groot, M., Keiser, Faure, and Wirtel, assignors.)
- Tretolite Company. (See Monson, Louis T., assignor.)
- Trevaskis, Henry. (See Wright, J., and Trevaskis.)
- Trevellian, Vernon B., assignor to Cleanser Products, Inc., Chicago, Ill. Pad holder. 2,109,404; Feb. 22.
- Trevor, Bertram. (See George, R. W., and Trevor.)
- Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Modulation system. 2,136,479; Nov. 15.
- Trevor, Bertram, and R. W. George, Riverhead, N. Y., assignors to Radio Corporation of America. Receiving system. 2,106,776; Feb. 1.
- Trevor, Bertram, and R. Waldo George, Riverhead, N. Y., assignors to Radio Corporation of America. Short wave reception. 2,134,590; Oct. 25.
- Trevor, Charles, Jersey City, N. J. Harmonica tester. 2,110,747; Mar. 8.
- Trew, James W., Gettysburg, assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Fringe support for use in packing fruits. 2,106,141; Jan. 18.
- Trexler, Robert M., Fenton, Mo. Toy. 2,128,666; Aug. 30.
- Trible, Winthrop. (See Haas, F. S., and Tribble.)
- Trick, John and W. B., Vancouver, British Columbia, Canada. Transverse foot lift. 2,114,089; Apr. 12.
- Trick, Walter B. (See Trick, John and W. B.)
- Trickey, William W., Verona, assignor to Lock Joint Pipe Company, East Orange, N. J. Sealing pipe joints. 2,138,946; Dec. 6.
- Trico-Folberth Limited. (See Jablonsky, Bruno, assignor.)
- Trico Products Corporation. (See Horton, Erwin C., assignor.)
- Trico Products Corporation. (See Horton, E. C., Hueber, and Rousseau, assignors.)
- Trico Products Corporation. (See Kuskin, David, assignor.)
- Trico Products Corporation. (See Oishei, John R., assignor.)
- Trico Products Corporation. (See Rappl, Anton, assignor.)



- Trico Products Corporation. (See Wernert, G. R., and Gagnaire, assignors.)
- Tricolor, Inc. (See Jones, Charles F., assignor.)
- Tricomi, Agatino and E. B., Brooklyn, N. Y. Steam-electric pressing iron. 2,109,326; Feb. 22.
- Tricomi, Edward B. (See Tricomi, Agatino and E. B.)
- Tri Dermis Company, The. (See Oliver, Osmer F., assignor.)
- Triller, Benjamin J., Dubuque, Iowa. Window construction and installing the same. 2,138,312; Nov. 29.
- Trilling, Jacques G. (See Jofeh, E. J., and Trilling.)
- Trimbach, Clem G. (See Blaylock, R. C., and Trimbach.)
- Trimbach, Clem G., Eggerstville, and C. R. Lemonier, Kenmore, N. Y., assignors, by mesne assignments, to Curtiss-Wright Corporation. Flexible gun mount control. 2,137,640; Nov. 22.
- Trimbath, Samuel, Kalamazoo, Mich., assignor, by mesne assignments, to Willys-Overland Motors, Inc. Power transmission mechanism. 2,125,526; Aug. 2.
- Trimble, Harry C. (See Trimble, Homer L., assignor.)
- Trimble, Homer L., Cleveland, Ohio, assignor to H. C. Trimble, Boston, Mass. Surfacing machine. 2,136,529; Nov. 15.
- Trimble Nurseryland Furniture, Inc. (See Baxter, William C., assignor.)
- Trimble Nurseryland Furniture, Inc. (See De Puy, Charles T., assignor.)
- Trimble, Robert L. (See Tice, John T., assignor.)
- Trippi, Russell W., South Orange, assignor to Newark Rivet Works, Newark, N. J. Umbrella runner and catch therefor. 2,136,569; Nov. 15.
- Triner, James M., assignor to Triner Scale & Manufacturing Company, Chicago, Ill. Scale. 2,138,261; Nov. 29.
- Triner Scale & Manufacturing Company. (See Triner, James M., assignor.)
- Tringale, Tom, Los Angeles, Calif. Door stop. 2,119,143; May 31.
- Trinkle, Clarence M., Jr., et al. (See Brinkley, William W., assignor.)
- Trinkle, E. Lee, Jr., et al. (See Brinkley, William W., assignor.)
- Triolo, Anthony, Passaic, N. J. Brolter for use by campers. 2,124,837; July 26.
- Trippke, Walter. (See Braunschweig, Fred, assignor.)
- Triplett, Hugh A., Wilmette, and S. I. Lindell, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Thermal cut-out. 2,134,011; Oct. 25.
- Tripp, Edwin B., Benzien, Mont. Foot accelerator. 2,137,596; Nov. 22.
- Tripp, Elbert D. (See Deniston, A. L., Jr., and Tripp.)
- Tripp, Elwood I., assignor to I. F. Laucks Inc., Seattle, Wash. Box end. 2,116,331; May 3.
- Tripp, Newell R., Joplin, Mo. Refrigerator closure means. 2,106,386; Jan. 25.
- Tripp, Willard A. (See Harris, C. F., and Tripp.)
- Trippie, Graham, Chicago, Ill. Head lamp for vehicles. 2,123,125; July 5.
- Trippie, Thomas C., Maplewood, N. J. Safety razor. 2,125,135; July 26.
- Trisco Products, Inc. (See Murray, Patrick J., assignor.)
- Trisler, Milton A., Dearborn, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,140,776; Dec. 20.
- Trl State Cap & Cap Machinery Co. (See Pityo, Albert F., assignor.)
- Tritle, John F., Erie, Pa., assignor to General Electric Company. Electric switch. Re. 20,770; June 21.
- Tritle, John F., Erie, Pa., assignor to General Electric Company. Control system. 2,120,956; June 14.
- Tritle, John F., and J. W. McNairy, Erie, Pa., assignors to General Electric Company. Electric controller. 2,114,196; Apr. 12.
- Tritle, John F., and J. W. McNairy, Erie, Pa., assignors to General Electric Company. Control system. 2,120,957; June 14.
- Triton Belco A. G. (See Ehrhardt, Adolf, assignor.)
- Tritsmans, Remi-Gustaaf. (See Schuller, A., and Tritsmans.)
- Tritsmans, Remi-Gustaaf. (See Schuller, A., Tritsmans, and Hendriex.)
- Triumph Fuse and Fireworks Company, The. (See Decker, Josef B., assignor.)
- Triumph-Werke Nuernberg A.-G. (See Baumann, Berthold, assignor.)
- Tri-Velox Gears Limited. (See Page, Valentine, assignor.)
- Trobas, Inc. (See Rasmussen, C. A., and Butler, assignors.)
- Troche, Herman J. (See Larsen, N. P., and Troche.)
- Troedel, Albert T. (See Cooper, E. E., and Troedel.)
- Troell, Lewis S., Brooklyn, N. Y. Power apparatus. Re. 20,940; Dec. 6.
- Troeller, Grace B., St. Albans, assignor to Durex Products, Incorporated, New York, N. Y. Applicator. 2,127,946; Aug. 23.
- Troendly, Harry P., New York, N. Y., assignor, by mesne assignments, to Samuel Servener, Jr., Washington, D. C. Support for lawn sprinklers. 2,105,276; Jan. 11.
- Trofimov, Lev A., assignor to Product Development and Engineering Corporation, Cleveland, Ohio. Holst drive and control. 2,133,365; Oct. 18.
- Tröger, Richard, Berlin-Zehlendorf-Mitte, Germany, assignor to General Electric Company. Control system for electric valve apparatus. 2,122,304; June 28.
- Troisi, Fiorentino G., Pittsburgh, Pa. Telephone apparatus. 2,128,385; Aug. 30.
- Troisi, Fiorentino G., Pittsburgh, Pa. Signaling apparatus. 2,141,323; Dec. 27.
- Trojan Powder Company. (See Snelling, Walter O., assignor.)
- Trojan Powder Company. (See Williams, David G., assignor.)
- Trojan Powder Company. (See Wyler, Joseph A., assignor.)
- Trojanowski, Jacob, Cleveland, Ohio. Wall construction. 2,125,136; July 26.
- Trolander, Elmer W., and W. C. Wilson, assignors to Pyroxilin Products, Inc., Chicago, Ill. Coating composition. 2,129,156; Sept. 6.
- Trolander, Elmer W., and W. C. Wilson, assignors to Pyroxilin Products, Inc., Chicago, Ill. Insulated electric cable. 2,129,157; Sept. 6.
- Tromba, John C. (See Novey, W., and Tromba.)
- Trommsdorff, Ernst. (See Schummer, A., and Trommsdorff.)
- Tromp, Klaas F., Kerkrade, Netherlands. Process and apparatus for cleaning coals and other materials. 2,139,047; Dec. 6.
- Tronnier, Albrecht W., Bad Kreuznach, assignor to the Corporation of Jos. Schneider & Co., Optotechnische Gesellschaft, Berlin, Germany. Photographic objective. 2,105,799; Jan. 18.
- Tronnier, Albrecht W., Bad Kreuznach, assignor to the Corporation of Jos. Schneider & Co., Optotechnische Gesellschaft, Berlin, Germany. Corrected objective. 2,106,077; Jan. 18.
- Tropic-Aire, Incorporated. (See Soreng, E. M., and Will, assignors.)
- Tropic-Aire Incorporated. (See Will, Carl H., assignor.)
- Tropic-Aire, Incorporated. (See Will, C. H., and Fink, assignors.)
- Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of paraffin hydrocarbons. 2,122,786; July 5.
- Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of paraffin hydrocarbons. 2,122,787; July 5.
- Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of gaseous paraffins. 2,122,788; July 5.
- Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of gaseous paraffins. 2,122,789; July 5.
- Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of paraffin hydrocarbons. 2,122,790; July 5.
- Trosch, Alfred, assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Work table for boring mills and the like. Re. 20,906; Nov. 1.
- Trösken, Otto. (See Münz, F., Keller, and Trösken.)
- Tross, Arnold, et al. (See von Forster, Hermann, assignor.)
- Trotter, Henry R., Chicago, Ill. Automotive brake system. 2,116,855; May 10.
- Trotter, Henry R., Highland Park, assignor to Hacker Manufacturing Co., Chicago, Ill. Make-up gauge. 2,114,946; Apr. 19.
- Trotter, Henry R., Highland Park, assignor, by mesne assignments, to H. W. Hacker, La Grange, Ill. Line-up gauge. 2,125,039; July 26.
- Trotter, Odie B., Houma, La. Whipstock. 2,108,419; Feb. 15.
- Trout, Walter C., assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Safety coupler connection for oil well pumping powers. 2,136,480; Nov. 15.
- Trout, Walter C., assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Counterbalance crank for pumping units. 2,141,424; Dec. 27.
- Troutner, Franklin M., San Jose, Calif. Mixing and molding device. 2,108,696; Feb. 15.
- Trouzer Meter Inc. (See Meyers, Gilbert R., assignor.)
- Trowbridge, James B., Salt Lake City, Utah. Valve for stoker air control. 2,134,012; Oct. 25.
- Troxel, Harley A., Flint, Mich. Advertising demonstrator. 2,118,006; May 31.
- Troxel Manufacturing Company, The. (See Brandt, J. W., and Linder, assignors.)
- Troxell, Edgar R., Jr., Bronxville, assignor of one-half to R. P. Clarkson, New Rochelle, N. Y. Distributing means. 2,126,230; Aug. 9.
- Troxell, George E., Berkeley, Calif., assignor to Baldwin-Southwark Corporation. Materials testing apparatus. 2,120,381; June 14.
- Troxler, Bernhart, Kenil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of smokeless powder. 2,112,256; Mar. 20.
- Troy, Seymour, New York, N. Y. Footwear. 2,104,598; Jan. 4.
- Troy, Seymour, New York, N. Y. Making elastic leather. 2,136,092; Nov. 8.
- Troy Sunshade Company, The. (See Braunschweiger, Paul G., assignor.)
- Troya, Henry, Inglewood, Calif. Fingernail filer. 2,100,580; Mar. 1.
- Troyer, Edward R., Goshen, Ind. Animal poke. 2,138,561; Nov. 20.



- Troyer, John S., Moyock, N. C. Harvester thresher. 2,113,999; Apr. 12.
- Trube, Carl E., Maplewood, assignor to Hazeltine Corporation, Jersey City, N. J. Electric coupling system. 2,111,483; Mar. 15.
- Trubenizing Process Corporation. (See Kaplan, Morris L., and G., assignors.)
- Trubenizing Process Corporation. (See Liebowitz, Benjamin, assignor.)
- Trubert, René. (See Roussy, L., and Trubert.)
- Trubitz, Philip, assignor to S. Pass, Chicago, Ill. Slip cover. 2,123,667; July 12.
- Trucksess, David E., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulator. 2,129,890; Sept. 13.
- Tru Colour Film Limited. (See Townsend, O. A., and Masters, assignors.)
- Trudeau, Maximillian O., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Operating control for fluid dispensing apparatus. 2,136,530; Nov. 15.
- Trucolour Film Limited. (See Sanders-Dolgoruki, E., and Reindorp, assignors.)
- Truefitt, Edward S. V., London, assignor to Electric & Musical Industries Ltd., Hayes, Middlesex, England. Wireless receiving apparatus. 2,141,774; Dec. 27.
- Truesdale, Jesse P., Kershaw, S. C. Automobile map. 2,106,989; Feb. 1.
- Truesdell, Francis W., Saugus, D. G. Cameron, Lynn, and W. S. Whyte, Swampscott, Mass., assignors to General Electric Company. Time switch. 2,124,442; July 19.
- Truesdell, John S., Columbus, Ohio. Apparatus for producing peanut coated candies. 2,115,969; May 3.
- Truesdell, Lucius B., and A. K. Small, De Land, Fla. Garment. 2,109,951; Mar. 1.
- Truitt, Shelly, assignor to J. M. Seney, Baltimore, Md. Bread crumbing machine. 2,138,716; Nov. 29.
- Trumbull, Alexander H., Stratford, Conn. Circle ball game. 2,130,820; Sept. 20.
- Trumbull Electric Manufacturing Company, The. (See Anderson, W. C., and Carlson, assignors.)
- Trumbull Electric Manufacturing Company, The. (See Carlson, John E., assignor.)
- Trumbull Electric Manufacturing Company. (See Du Bois, Kenneth W., assignor.)
- Trumbull Electric Manufacturing Company. (See Getchell, Benjamin E., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Hammerly, Herman J., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Harvey, Frank, assignor.)
- Trumbull Electric Manufacturing Company, The. (See Rowe, Raymond N., assignor.)
- Trumbull, George M., Brighton, Boston, Mass. Hat. 2,129,798; Sept. 13.
- Trumpler, William E., Easton, Pa. Internal combustion turbine. 2,138,220; Nov. 29.
- Trurnit, Friedr. (See Trurnit, Walter, assignor.)
- Trurnit, Walter, Waldshut, assignor to firm Friedr. Trurnit, Altena, Germany. Method and apparatus for producing screw threads. 2,129,290; Sept. 6.
- Truscon Steel Company. (See Auten, C. I., Snodgrass, and Schultz, assignors.)
- Truscon Steel Company. (See Foukal, Anthony.)
- Truscon Steel Company. (See Gorar, Louis J., assignor.)
- Truscon Steel Company. (See Hughes, Grover A., assignor.)
- Truscon Steel Company. (See Schulz, Walter F., assignor.)
- Truscott, Roy F., Newton, Kans. Adjustable portable partition for stock cars. 2,127,194; Aug. 16.
- Truslow, James L., assignor to Whitin Machine Works, Whitinsville, Mass. Guiding device for long draft aprons. 2,119,658; June 7.
- Truslow, James L., and R. J. McConnell, assignors to Whitin Machine Works, Whitinsville, Mass. Long draft spinning cradle. 2,107,433; Feb. 8.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Sheet binder. 2,112,389; Mar. 29.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Punch. 2,114,259; Apr. 12.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Manufacture of ring binders. 2,117,262; May 10.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Binder. 2,124,277; July 19.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,124,278; July 19.
- Trussell, Emory A., Milwaukee, Wis., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Wire-bound book including sheet-binding means and blanks therefor. 2,116,589; May 10.
- Trussell Manufacturing Company. (See Cruzan, Charles C., assignor.)
- Trussell Manufacturing Company. (See Eramo, Patrick A., assignor.)
- Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
- Trussell Manufacturing Company. (See Trussell, Emory A., assignor.)
- Trustees of Dartmouth College. (See Ogle, Kenneth N., assignor.)
- Tryit Novelty Company. (See Mould, William A., assignor.)
- Tschappat, Sheridan P., Tulsa, Okla. Casing and tubing head. 2,116,856; May 10.
- Tschunkur, Eduard. (See Herdieckerhoff, E., and Tschunkur.)
- Tsuchiya, Inosuke, Furocho, Dairi, Moji, Fukuoka-ken, Japan. Lawn rake. 2,116,291; May 3.
- Tsumura, Bunjiro, Shibuya-ku, Tokyo, Japan. Apparatus for treating myopia. 2,114,407; Apr. 19.
- Tsumura, Bunjiro, Shibuya-ku, Tokyo, Japan. High temperature and low pressure bath. 2,114,408; Apr. 19.
- Tsuneda, Kenjiro, Kyoto, Japan. Variable compression ratio internal combustion engine. 2,125,407; Aug. 2.
- Tubbs, George E., assignor to F. W. Stock & Sons, Inc., Hillsdale, Mich. Cooking machine. 2,120,302; June 14.
- Tubbs, Ira I., Coral Gables, Fla. Inflatable ball. 2,110,183; Mar. 8.
- Tubbs, Lester G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating apparatus. 2,114,890; Apr. 19.
- Tubbs, Lester G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compensating means. 2,128,106; Aug. 23.
- Tube Gold Extractors (Proprietary) Limited. (See Kröhl, Otto L., assignor.)
- Tube Industrial Participation Limited. (See Korbuly, Károly, assignor.)
- Tube Products Limited. (See Norton, Albert, assignor.)
- Tube Reducing Corporation. (See Neuberth, George E., assignor.)
- Tube-Turns, Incorporated. (See Fritsch, Rudolph E., assignor.)
- Tubize Chatillon Corporation. (See Cooper, Wilfrid B., assignor.)
- Tubize Chatillon Corporation. (See Lea, William G., assignor.)
- Tubize Chatillon Corporation. (See McUtt, Homer E., assignor.)
- Tubize Chatillon Corporation. (See Mitchell, W. M., and Huffman, assignors.)
- Tubize Chatillon Corporation. (See Moore, James E., assignor.)
- Tubize Chatillon Corporation. (See Oppenlaender, Oskar, assignor.)
- Tubus, A. G. (See Singer, Fritz, assignor.)
- Tuchband, Samuel, Brooklyn, N. Y. Clasp device. 2,109,759; Mar. 1.
- Tuck, Dean. (See Hill, Charles D., assignor.)
- Tuck, George A., San Francisco, Calif. Hot air furnace. 2,121,108; June 21.
- Tucker, Carl. (See Begun, S. J., Durst, and Barnett, assignors.)
- Tucker, Carl. (See Durst, I. F., Begun, and Barnett, assignors.)
- Tucker, Charles W., administrator. (See Tucker, George R.)
- Tucker, Edgar M., South Pasadena, Calif. Joint construction. 2,121,372; June 21.
- Tucker, Edgar M., South Pasadena, assignor of one-half to W. H. Fabry, Alhambra, Calif. Drain device. 2,131,240; Sept. 27.
- Tucker, Elton B., Highlands, Ind., and E. W. Thiele, assignors to Standard Oil Company, Chicago, Ill. De-aerating asphalt. 2,116,772; May 10.
- Tucker, George R., deceased, North Andover; C. W. Tucker, administrator, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Concrete and hydraulic cement. 2,141,569; Dec. 27.
- Tucker Gilmore Manufacturing Company. (See Tucker, Jesse D., assignor.)
- Tucker, Harry W., and W. S. McLeish, New York, N. Y. Ornamental display device. 2,112,583; Mar. 29.
- Tucker, Henry R., Pedro Miguel, Canal Zone. Internal combustion engine. 2,120,657; June 14.
- Tucker, Herbert E. (See Hall, J. M., and Tucker.)
- Tucker, Hooper C., Vallejo, Calif. Oil burner. 2,139,974; Dec. 13.
- Tucker, James W. (See Cunningham, H. B., and Tucker.)
- Tucker, Jesse D., North Sacramento, Calif., assignor to Tucker Gilmore Manufacturing Company. Single cutter die. 2,112,055; Mar. 22.
- Tucker, Jesse L. (See Slayter, G., and Tucker.)
- Tucker, Jesse L., Newark, Ohio, assignor to Owens-Illinois Glass Company. Wire having a covering of fibrous material. 2,120,270; June 14.
- Tucker, Joseph F., Little Thrift, Petts Wood, assignor to J. Stone & Company Limited, Deptford, England. Bulkhead door and the like. 2,111,877; Mar. 22.
- Tucker, Nathaniel G., Brooklyn, N. Y. Hat leather fitting machine. 2,118,278; May 24.
- Tucker, Nathaniel B., Glendale, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Preparing fatty acid condensation products. 2,113,819; Apr. 12.
- Tucker, Thomas T., Atlanta, Ga. Method of and apparatus for insulating buildings. 2,130,372; Sept. 20.
- Tucker, William C., Kenmore, assignor to Buffalo Forge Company, Buffalo, N. Y. Holding or stripping mechanism for shearing machines. 2,132,136; Oct. 4.
- Tucker, Wilmon S., Seattle, Wash. Closure device for collapsible tubes. 2,141,572; Dec. 27.



- Tudhope Metal Specialties Limited. (See Starsmeare, Robert H. J., assignor.)
- Tuerff, Frank A., Newark, assignor to Windsor Mfg. Co., Orange, N. J., Coloring metal. 2,137,817; Nov. 22.
- Tuft, Miles H., Rock Island, assignor to Deere & Company, Moline, Ill. Wheeled vehicle. 2,106,923; Feb. 1.
- Tuft, Miles H., assignor to Deere & Company, Moline, Ill. Blade adjustment mechanism. 2,119,335; June 7.
- Tuft, Miles H., Rock Island, assignor to Deere & Company, Moline, Ill. Wheeled vehicle. 2,123,456; July 12.
- Tuft, Miles H., assignor to Deere & Company, Moline, Ill. Depth-adjusting mechanism. 2,133,180; Oct. 11.
- Tufts, Carl R., Detroit, Mich., assignor of one-third to E. L. Powell, Washington, D. C., and one-third to C. E. Motto, Detroit, Mich. Automatic intercept two-channel radio receiver. 2,108,088; Feb. 15.
- Tull, Robert H., and E. C. Tanner, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid cooler. 2,128,784; Aug. 30.
- Tull, Roy H., Long Beach, Calif. Telescoping extension for trucks and trailers. 2,119,800; June 7.
- Tullar, Emery F. (See Bucher, J., and Tullar.)
- Tulleners, Anton J. (See van Peski, A. J., and Tulleners.)
- Tulleners, Anton J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacture of nitrogen base salts of acid alkyl esters. 2,127,495; Aug. 23.
- Tulleners, Anton J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Purification of alcohols. 2,139,179; Dec. 6.
- Tullis, Boyd W. (See Coleman, S., and Tullis.)
- Tullis, Boyd W., Wichita, Kans. Vaporizing generator. 2,108,908; Feb. 22.
- Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Stove. 2,123,293; July 12.
- Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Circulating heater. 2,128,171; Aug. 23.
- Tully, Francis W., Brookline, Mass. Pocket holding device. 2,117,465; May 17.
- Tully, Richard G., Wauwatosa, assignor to Walker Manufacturing Company, Racine, Wis. Rear axle block for automobile lifts. 2,120,051; June 7.
- Tuma, Elias C., et al. (See Hazey, George W., assignor.)
- Tuma, Richard C., et al. (See Hazey, George W., assignor.)
- Tumbler, J. A., Laboratories. (See Tumbler, Joseph A., assignor.)
- Tumbler, Joseph A., assignor to J. A. Tumbler Laboratories, Baltimore, Md. Polish. 2,136,402; Nov. 15.
- Tumbridge, Stanley S. (See Keaton, Clyde D., assignor.)
- Tumulty, Charles L. (See Ball, G. D., and Tumulty.)
- Tung-Sol Lamp Works Inc. (See Schulte, Milton R., assignor.)
- Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Piezoelectric crystal controlled oscillator circuits. 2,106,821; Feb. 1.
- Tunnel and Mine Machinery Company. (See Warner, A. W., and Ballard, assignors.)
- Tupper, William E. (See Hoyt, Charles E., assignor.)
- Turano, Joe, Sacramento, Calif. Traffic signal device. 2,123,320; July 12.
- Turchan, Manuel, Detroit, Mich. Follower machine. 2,130,109; Sept. 13.
- Turchányi, László, Sashalom, near Budapest, assignor to Magyar Ruggyantaárugyar Reszvenytársaság, Budapest, Hungary. Rubber toy. 2,134,063; Oct. 25.
- Turek, Joseph A. V. (See Niemann, F. A., and Turek.)
- Turco Products Inc. (See Taylor, Daniel C., assignor.)
- Turcotte, John E., Worcester, Mass. Double production twister or spinning frame. 2,119,728; June 7.
- Turechek, George F., and E. R. Smith, assignors, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Electrohydraulic fishing tool. 2,118,991; May 31.
- Turek, Frank S., Yonkers, N. Y., assignor to Interchemical Corporation. Preparing phthalocyanine pigments. 2,138,413; Nov. 29.
- Turek, Thomas J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Gear shifting mechanism. 2,137,959; Nov. 22.
- Turgot, Robert C. L. P., Paris, France, assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,111,304; Mar. 15.
- Turk, Karl, Riderwood, assignor to The Porcelain Enamel and Manufacturing Company of Baltimore, Baltimore, Md. Faced building element. 2,135,544; Nov. 8.
- Turk, Richard H., assignor to The Porcelain Enamel and Manufacturing Company of Baltimore, Baltimore, Md. Smelting enamel. 2,137,930; Nov. 22.
- Turkington, Victor H., Caldwell, N. J., assignor to Baki-Lite Corporation, New York, N. Y. Coating articles. 2,125,827; Aug. 2.
- Turley, Harold G., Moorestown, N. J., and I. C. Somerville, assignors to Röhm & Haas Company, Philadelphia, Pa. Tanning with aldehydes. 2,129,748; Sept. 13.
- Turman, Gardner W., assignor to The Gates Rubber Company, Denver, Colo. Antistatic gasoline dispensing nozzle. 2,108,759; Feb. 15.
- Turnage, Julius M., Richmond, Va. Horn signalling and steering wheel spinning device. 2,131,649; Sept. 27.
- Turnbow, Grover D. (See Gray, C. E., and Turnbow.)
- Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal. 2,131,767; Oct. 4.
- Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal articles. 2,131,768; Oct. 4.
- Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal articles. 2,131,769; Oct. 4.
- Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal articles. 2,131,770; Oct. 4.
- Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Loading apparatus. 2,131,771; Oct. 4.
- Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Method and apparatus metal articles. 2,131,772; Oct. 4.
- Turnbull, David C., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Dust collector. 2,137,254; Nov. 22.
- Turnbull, Edward D., Clarks Summit, Pa., assignor to The Glidden Company, Cleveland, Ohio. White lead and method of production. 2,115,090; Apr. 26.
- Turnbull, Frederick, Newcastle-upon-Tyne, England. Walking vehicle. 2,130,677; Sept. 20.
- Turnbull, Norris. (See Walker, J. F., and Turnbull.)
- Turner, Alfred H. (See Poch, W. J., Martinelli, and Turner.)
- Turner, Alfred H., Collingswood, N. J. Toy. 2,112,316; Mar. 29.
- Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Ultrahigh frequency oscillator. 2,125,969; Aug. 9.
- Turner, Alma L. (See Haycock, R. D., and Turner.)
- Turner Brass Works. (See Slezak, John, assignor.)
- Turner, Carroll O., East St. Louis, and M. P. Weigel, St. Louis, Mo., assignors to Aluminum Company of America, Pittsburgh, Pa. Continuous digestion process. 2,107,919; Feb. 8.
- Turner, Cecil E., Los Angeles, Calif., assignor to March Automatic Irrigation Company, Muskegon, Mich. Sprinkler. 2,122,596; July 5.
- Turner, Charles S., Detroit, Mich. Boiler superheater. 2,104,937; Jan. 11.
- Turner, Charles S., Detroit, Mich. Superheating apparatus. 2,119,451; May 31.
- Turner, Charles S., Detroit, Mich. Steam generating and superheating apparatus. 2,131,080; Sept. 27.
- Turner, Chester D., Haverhill, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Manufacture of shoe bottom units. 2,127,634; Aug. 23.
- Turner, Clairborn C., Nordland, Wash. Oven door. 2,129,339; Sept. 6.
- Turner, Douglas F., Detroit, Mich. Knee pad. 2,124,158; July 19.
- Turner, Edward T., Dayton, Ohio. Automobile. 2,126,589; Aug. 9.
- Turner, Edwin A., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker mechanism. 2,115,565; Apr. 26.
- Turner, Edwin A., assignor, by mesne assignments, to The Standard Stoker Company (1922), Inc., New York, N. Y. Locomotive stoker. 2,131,996; Oct. 4.
- Turner, Edwin A., assignor by mesne assignments, to The Standard Stoker Company, Inc. (1922), New York, N. Y. Locomotive stoker. 2,138,363; Nov. 29.
- Turner, Edwin A., New York, and C. J. Surdy, Tuckahoe, assignors, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Distributor member for stokers. 2,113,259; Apr. 5.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Recording device. 2,108,089; Feb. 15.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Apparatus for distance and depth measurement. 2,108,090; Feb. 15.
- Turner, Ernest J. (See Turner, William A. and E. J.)
- Turner, Fred, Jr. (See Shipley, George C., assignor.)
- Turner, George K., Eagle Nest, N. Mex. Mount for telescopic rifle sights. 2,125,828; Aug. 2.
- Turner, Grover C., Oklahoma City, Okla. Door retainer. 2,122,220; June 28.
- Turner, Guilford S., assignor to Morris B. Brewer Co. Inc., Chicago, Ill. Sanding apparatus. 2,133,491; Oct. 18.
- Turner, Harrison I., and C. L. Anderson, assignors, to Eagle Signal Corporation, Moline, Ill. Signal controlling and duration varying system and mechanism therefor. 2,133,157; Oct. 11.
- Turner, Henry P., deceased, Chicago, Ill., Drovers Trust & Sav. Bank, executor. Can cover and fastening means therefor. 2,120,047; June 7.
- Turner, Howard H., Hawthorne, assignor of one-half to E. B. Larson, Inglewood, Calif. Stove top. 2,109,030; Feb. 22.
- Turner, Howard H., Hawthorne, assignor of one-half to E. B. Larson, Inglewood, Calif. Stove top. 2,111,824; Mar. 22.
- Turner, Ivan, Richmond, England. Washing machine. 2,112,584; Mar. 29.
- Turner, Jacob L., Milton, Mass. Electric float control. 2,129,048; June 7.



- Turner, James F., and C. P. Breidenbaugh, assignors to Flynn & Emrich Company, Baltimore, Md. Stoker timing and actuating mechanism. 2,133,156; Oct. 11.
- Turner, James O. (See Cantrell, T. L., and Turner.)
- Turner, John, Boston, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Remote control for fluid flow control systems. 2,140,486; Dec. 13.
- Turner, John B., Norwich, N. Y. Form for fireplaces. 2,117,379; May 17.
- Turner, John R. (See Hickman, K. C. D., Turner, and Weyerts.)
- Turner, Kenneth K., London, England. Reciprocating engine, pump, or compressor of the swash or wobble plate types. 2,105,019; Jan. 11.
- Turner, Leslie E. (See White, E. H., and Turner.)
- Turner, Lionel A., Widnes, and E. G. Latham, Davey-hulme, Manchester, assignors to Turner & Newall Limited, Rochdale, England. Pipe joint and packing ring for use therein. 2,114,771; Apr. 19.
- Turner, Louis E., Chicago, Ill. Producing sound reproducing needles. 2,121,272; June 21.
- Turner, Luther B. (See Mikeska, L. A., and Turner.)
- Turner, Luther B. (See Wiezevich, P. J., and Turner.)
- Turner, Luther B., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating oil and manufacturing the same. 2,124,598; July 26.
- Turner, Maurice C., Dallas, Tex. Car mirror. 2,126,059; Aug. 9.
- Turner & Newall Limited. (See Turner, L. A., and Latham, assignors.)
- Turner, Oliver C. (See Wedge, R. E., and Turner.)
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pick and pick weft replenishing loom. 2,123,321; July 12.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Dobby knife guide. 2,123,322; July 12.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder for weft replenishing looms. 2,125,658; Aug. 2.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multishuttle shuttle changing loom. 2,126,060; Aug. 9.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multishuttle shuttle changer loom. 2,126,061; Aug. 9.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Two-color rocking magazine. 2,128,974; Sept. 6.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom with shuttle changing and loom stopping mechanism. 2,135,155; Nov. 1.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle for automatic looms. 2,138,221; Nov. 29.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Spindle mounting for shuttles. 2,139,427; Dec. 6.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing mechanism for oval bobbins. 2,141,674; Dec. 27.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tension for loom shuttles. 2,141,675; Dec. 27.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Lay motion for looms. 2,141,676; Dec. 27.
- Turner, Richard M., Kew, Australia. Control means for sliding bolt door catches. 2,131,458; Sept. 27.
- Turner, Robert L. (See Hunt, F. B., Pratt, Tirrell, and Turner.)
- Turner, Russell J., Butler, Pa., assignor to Acme Protection Equipment Company. Press for molding articles. 2,138,047; Nov. 29.
- Turner Tanning Machinery Company, The. (See Ayles, William F., assignor.)
- Turner Tanning Machinery Company, The. (See Bartholomew, Edward L., assignor.)
- Turner Tanning Machinery Company, The. (See Merenda, Paul V. J., assignor.)
- Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
- Turner Tanning Machinery Company, The. (See Whitney, Robert F., assignor.)
- Turner, William A. and E. J., assignors to McLain Fire Brick Company, Pittsburgh, Pa. Pouring guard. 2,127,277; Aug. 16.
- Turner, William E., assignor to O. B. Andrews Company, Chattanooga, Tenn. Carton or article carrier. 2,134,627; Oct. 25.
- Turner, William E. D., Portland, Oreg. Tooth brush. 2,121,373; June 21.
- Turney, Eugene T., Jr. (See Turney, Eugene T., assignor.)
- Turney, Eugene T., Holmes, assignor to E. T. Turney, Jr., New York, N. Y. Electric clock. 2,141,495; Dec. 27.
- Turney, Lee L., assignor of one-half to W. M. Tippet, Muskegon, Mich. Humidifier boiler. 2,133,599; Oct. 18.
- Turnquist, Henry L., Fairfield, and F. A. Heilman, Bridgeport, assignors to The Grant Manufacturing and Machine Company, Bridgeport, Conn. Roll holder for rivet spinning machines. 2,126,427; Aug. 9.
- Turnwald, Wolfgang, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Valve. 2,125,137; July 26.
- Turpan, James, Paterson, N. J. Inseam measuring device. 2,104,175; Jan. 4.
- Turpan, James, Paterson, N. J. Tailor's measuring device. 2,126,517; Aug. 9.
- Turpin, Norman W., Hazelton, Pa. Combined trailer coupling and brake. 2,116,052; May 3.
- Turrentine, John W., Washington, D. C. Phosphate conversion. 2,134,013; Oct. 25.
- Turretini, Fernand, Bellevue-Geneva, assignor to firm Societe Genevoise D' Instruments de Physique, Geneva, Switzerland. Machine tool. 2,111,681; Mar. 22.
- Turrian, Arthur, Schenectady, N. Y. Elevation and slope indicator. 2,128,863; Aug. 30.
- Turturro, Nicola, New York, N. Y. Accordion. 2,111,953; Mar. 22.
- Tuscher, Jean E., Petit Ivry, France. Fuel injecting device for internal combustion engines. 2,135,925; Nov. 8.
- Tuten, James M., assignor to Draper Corporation, Hopedale, Mass. Adjustable box plate. 2,106,559; Jan. 25.
- Tuthill, Harry J., Ferguson, Mo. Apparatus for use in making drawings. 2,105,708; Jan. 18.
- Tuthill, Jay L., Pittsburgh, Pa. Wall covering. 2,132,499; Oct. 11.
- Tuthill Pump Company. (See Huber, Matthew W., assignor.)
- Tutin, John, London, England. Ship's hatch cover. 2,129,973; Sept. 13.
- Tuttle & Bailey, Inc. (See Hart, Stanley, assignor.)
- Tuttle, Charles F. (See Ihm, I. H., and Tuttle.)
- Tuttle, Clarence E., assignor, by mesne assignments, to Rustless Iron and Steel Corporation of America, Baltimore, Md. Merchandise container. 2,137,255; Nov. 22.
- Tuttle, John H., assignor to Checker Cab Manufacturing Corporation, Kalamazoo, Mich. Ventilator operating mechanism. 2,140,865; Dec. 20.
- Tuttle, Loren W. (See Markel, M. G., and Tuttle.)
- Tuttle, Will R., Riverside, assignor to Edison General Electric Appliance Company, Chicago, Ill. Electric heating unit. 2,137,149; Nov. 15.
- Tuttle, William N., assignor to General Radio Company, Cambridge, Mass. Electric system. 2,104,336; Jan. 4.
- Tuyn, Marinus C. (See Moser, F. R., and Tuyn.)
- Tveden, Syver O., Chicago, Ill. Door fastener. 2,126,428; Aug. 9.
- Tweddell, Oscar G., Detroit, Mich. Fuel injection pump. 2,123,815; July 12.
- Tweed, Frederick H., assignor to The Dole Valve Company, Chicago, Ill. Dispenser for carbonated drinks. 2,121,841; June 28.
- Tweedale, Ralph L. (See Rose, E. L., and Tweedale.)
- Tweedale, Ralph L., Waterbury, Conn. Cooking device. 2,110,748; Mar. 8.
- Tweedale, Ralph L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,128,720; Aug. 30.
- Tweedale, Ralph L., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,141,945; Dec. 27.
- Twentieth Century-Fox Film Corporation. (See Laube, G., and Miller, assignors.)
- Twentieth Century-Fox Film Corporation. (See Stevens, Robert C., assignor.)
- Twentieth Century-Fox Film Corporation. (See Wright, Arthur G., assignor.)
- Twin Coach Company. (See Fageol, William B., assignor.)
- Twin Disc Clutch Company. (See Batten, Percy H., and Dunkelow, assignors.)
- Twin Disc Clutch Company. (See Dunkelow, Henry J., assignor.)
- Twin Disc Clutch Company. (See Pearmain, William J., assignor.)
- Twining, Charles, Garden City, N. Y. Airplane. 2,119,369; May 31.
- Twiss, F. E., Co. (See Twiss, Frank E., assignor.)
- Twiss, Frank E., Taunton, assignor to F. E. Twiss Co., Inc., Boston, Mass. Pump. 2,120,448; June 14.
- Twitcheil, E. W., Incorporated. (See Chatterton, Edward R., assignor.)
- Twitcheil, Morton C. (See Larry, E. C., and Twitcheil.)
- Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Crate lidding machine. 2,106,543; Jan. 25.
- Twomley, Herbert E., Riverside, Calif., assignor to Food Machinery Corporation, San Jose, Calif. Variable speed mechanism. 2,108,356; Feb. 15.
- Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Drive for box lidding machines. 2,108,732; Feb. 15.
- Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box press. 2,109,040; Feb. 22.
- Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box nailing machine. 2,109,581; Mar. 1.
- Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Combined box lidded and strapper. 2,114,729; Apr. 19.



- Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Acme Steel Company, Chicago, Ill. Band strapping machine. 2,125,528; Aug. 2.
- Twomley, Herbert E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Mechanical movement. 2,128,545; Aug. 30.
- Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box lifting machine. 2,129,974; Sept. 13.
- Twomley, Herbert E., Riverside, assignor, by mesne assignments, to Food Machinery Corporation, San Jose, Calif. Adjustable compensator for nail driving mechanism. 2,135,650; Nov. 8.
- Twomley, Herbert E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Variable speed mechanism. 2,139,048; Dec. 6.
- Twyman, B. Wickliffe, assignor to Lavine Gear Company, Milwaukee, Wis. Steering gear. 2,129,389; Sept. 6.
- Twyman, Frank, and L. J. Spencer, assignors to Adam Hilger Limited, London, England. Determination of quantitative characteristics of radiation. 2,126,429; Aug. 9.
- Twyman, William G., Poteau, Okla. Corn popper. 2,140,888; Dec. 20.
- Twynning, Vernon J., assignor to J. C. Miller Company, Grand Rapids, Mich. Container for polishing wheel composition. 2,122,665; July 5.
- Tyce, George C., Belper, England, assignor to Celanese Corporation of America. Yarn containing staple fiber and to the manufacture thereof. 2,113,955; Apr. 12.
- Tyce, George C., Norton-on-Tees, and V. Lefebvre, London, England, assignors to Imperial Chemical Industries Limited. Coating of absorbent materials. 2,125,527; Aug. 2.
- Tyden, Emil, Hastings, Mich. Pressure-reducing valve device. 2,136,120; Nov. 8.
- Tydon, Walter, Buffalo, and W. O. Watson, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Landing gear locking device. 2,110,749; Mar. 8.
- Tyken, John G., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power driving mechanism. 2,127,848; Aug. 16.
- Tyken, John G., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Clutch for power transmitting devices. 2,129,891; Sept. 13.
- Tyler, Herbert B., Evanston, Ill. Automatic corn-popping machine. 2,108,627; Feb. 15.
- Tyler, John M., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Flexible propeller spider. 2,112,797; Mar. 29.
- Tyler, Ralph W., Hancock, N. Y. Embalming implement. 2,137,635; Nov. 22.
- Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic speed press. 2,114,005; Apr. 12.
- Tyler, Tracy B., Chicago, Ill., assignor to The Monopower Corporation, Detroit, Mich. Transmission auxiliary. 2,116,590; May 10.
- Tyler, Tracy B., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Composite clutch. 2,131,201; Sept. 27.
- Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Correlating speed of clutch engagement to speed of vehicle. 2,133,001; Oct. 11.
- Tyler, Virgil H., Ventura County, Calif. Treating dates. 2,114,409; Apr. 19.
- Tyler, W. S., Company, The. (See Wettlaufer, William F., assignor.)
- Tyller, Jack, Hove, England. Electrical contact target device and a missile. 2,118,368; May 24.
- Typhoon Manufacturing Company. (See Kowitt, Jerome H., assignor.)
- Tyree, Horace J., C. Talley, and G. A. Gill, Mexia, Tex. Shuttle guard attachment for looms. 2,106,510; Jan. 25.
- Tyrer, Daniel. (See McHaffie, L. R., and Tyrer.)
- Tyrer, Daniel, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Conversion of metal sulphides. 2,128,107; Aug. 23.
- Tyrer, Daniel, and A. M. Clark, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Manufacture of sulphuric acid. 2,128,108; Aug. 23.
- Tyrrell, Claude U., Pasadena, Calif. Geometrical instrument. 2,124,659; July 26.
- Tyrrell, Claude U., Pasadena, Calif. Toy glider. 2,140,821; Dec. 20.
- Tyrrell, James, as trustee, et al. (See Jost, Peter, assignor.)
- Tyrrell, James, as trustee, et al. (See Killian, E. S., and Povlacs, assignors.)
- Tyson, Frank, Canton, Ohio. Micrometer apparatus for angle measurements and other purposes. 2,136,958; Nov. 15.
- Tyson, Theodore J. W. (See Jandus, H. S., and Tyson.)
- Tyson, Theodore J. W. (See Lewis, R. W., Jandus, and Tyson.)
- Tytus, John B., and E. N. Millan, assignors to The American Rolling Mill Company, Middletown, Ohio. Slabbing mill assembly. 2,140,822; Dec. 20.
- Tyvand, Raymond E., Dayton, Ohio. Catheter forceps. 2,139,428; Dec. 6.
- Tyvand, Raymond E., Dayton, Ohio. Key holder. 2,139,706; Dec. 13.
- U. D. Engineering Company Limited. (See Cracknell, Richard J., assignor.)
- U. M. A. Inc. (See Collens, W. S., Wilensky, and Kroll, assignors.)
- U. P. M.-Kidder Press Co. (See Sinclair, James A., assignor.)
- U S L Battery Corporation. (See Henry, Harry H., assignor.)
- USL Battery Corporation. (See Kyle, George L., assignor.)
- Ubben, Richard T. (See Alvarado, A. M., and Ubben.)
- Ubben, Richard T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Impregnated cigarette. 2,137,706; Nov. 22.
- Uber, Victor T., Willoughby, Ohio, assignor to General Electric Company. Basing machine for electric lamps and similar articles. 2,120,877; June 14.
- Uddeholms Aktiebolag. (See Sunesson, Erik B. F., assignor.)
- Udstad, Sigvald. (See Thompson, J. B. D., and Udstad.)
- Udstad, Sigvald F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Side bearing for articulated cars. 2,108,733; Feb. 15.
- Udy, Marvin J., Niagara Falls, N. Y. Making ferrochromium. 2,109,122; Feb. 22.
- Udy, Marvin J., Niagara Falls, N. Y. Improving chrome ores. 2,127,074; Aug. 16.
- Udy, Marvin J., Niagara Falls, N. Y., assignor, by mesne assignments, to Monsanto Chemical Company. Manufacture of iron. 2,105,020; Jan. 11.
- Udy, Marvin J., Niagara Falls, N. Y., assignor, by mesne assignments, to Monsanto Chemical Company. Alloy. 2,117,263; May 10.
- Udy, Marvin J., Niagara Falls, N. Y., assignor to Monsanto Chemical Company. Manufacture of iron. 2,138,797; Nov. 29.
- Udylite Company. (See Soderberg, K. G., and Brown, assignors.)
- Uecker, Reinhold A., and I. G. Rambo, Milwaukee, and E. H. Simpson, West Allis, Wis., assignors, by mesne assignments, to Safway Steel Scaffolds Co. of America, Wilmington, Del. Scaffold ladder. 2,125,829; Aug. 2.
- Uecker, Reinhold A., I. G. Rambo, and D. E. Beatty, Wauwatosa, Wis., assignors to The Safway Steel Scaffold Co. of America, Wilmington, Del. Scaffold bracket. 2,125,830; Aug. 2.
- Uecker, Reinhold A., I. G. Rambo, and D. E. Beatty, Wauwatosa, Wis., assignors to The Safway Steel Scaffold Co. of America, Wilmington, Del. Putlog. 2,126,844; Aug. 16.
- Uehling, Fritz F., Passaic, N. J. Temperature control apparatus. 2,109,872; Mar. 1.
- Uehling, Fritz F., Passaic, N. J. Pressure measuring means. 2,136,809; Nov. 15.
- Uesugi, Minoru, Minato-ku, Japan. Oil pump. 2,111,082; Mar. 22.
- Ufer, Hanns. (See Krzikalla, H., Ufer, Elstert, and Klapproth.)
- Ufer, Hanns. (See Reppe, W., Ufer, and Kuehn.)
- Ufer, Hanns, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Organic sulphoxides and sulphones and process of preparing them. 2,140,608; Dec. 20.
- Ufer, Hanns, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sulphone-ethylamines. 2,140,609; Dec. 20.
- Ufer, Hanns, and O. Hecht, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of organic sulphur compounds. 2,140,569; Dec. 20.
- Uherek, Charles A. (See Borgerd, W. F., McCune, and Uherek.)
- Uherkovich Julius V., Gary, Ind. Nut lock. 2,141,701; Dec. 27.
- Uhl, Joseph, and R. Porrmann, Chicago, Ill. Heating and cooking unit. 2,121,273; June 21.
- Uhl, Robert L., Ontario, Calif., assignor to General Electric Company. Temperature control device. 2,115,598; Apr. 26.
- Uhlemann, William R., Evanston, Ill. Eyeglasses. 2,108,875; Feb. 22.
- Uhlig, Charles H. (See Kehr, G. H., and Ertel, assignors.)
- Uhlig, Henry. (See Klein, E., and Uhlig.)
- Uhrmacher, Ralph R., Louisville, Ky. Method of and apparatus for dissolving soluble solid materials. 2,122,900; July 5.
- Uhllein, Albert C. (See Robbins, D. S., and Uhllein.)
- Uiternmark, Gerard M. (See Boon, A. A., Barknawitz, and Uiternmark.)
- Ulbricht, Otto, Birkwitz-on-the-Elbe, Germany. Separable fastener. 2,125,698; Aug. 2.
- Ulf, Marshall W. (See Stricker, A. H., and Ulf.)
- Uline, Miguel J., Washington, D. C. Machine for cutting tee. 2,107,908; Feb. 8.
- Uline, Miguel J., Washington, D. C. Machine for cutting tee. 2,137,597; Nov. 22.
- Ulrich, Günther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Gain control device. 2,120,303; June 14.
- Ullevoldsaeter, Bjørn, Nittedal, Norway. Skl. 2,112,183; Mar. 22.



- Ullgren, Johan D., Stocksund, assignor to Ruthsaccumulators Nordiska Aktiebolag, Stockholm, Sweden. Apparatus for barking logs. 2,125,529; Aug. 2.
- Ullin, Carl G., Seattle, Wash. Fish cleaning and filleting machine. 2,105,207; Jan. 11.
- Ullman, Jacques C., Cincinnati, Ohio. Connector for drain tiles. 2,116,165; May 3.
- Ullman, Morris L., Milton, Mass. Pencil sharpener. 2,106,963; Feb. 1.
- Ulmer, Herman, Larchmont, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Billet surfacing process and machine. 2,125,178; July 26.
- Ulrich, Herman, Cedar Falls, Iowa. Brake-applying mechanism. 2,130,938; Sept. 20.
- Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,122,361; June 28.
- Ullstrand, Hugo M., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,136,600; Nov. 15.
- Ulmer, J. C., Company, The. (See Heller, Harold S., assignor.)
- Ulmer, Paul F. (See Lauenstein, C. F., and Ulmer.)
- Ulloth, Robert. (See Mueller-Cunradi, M., and Ulloth.)
- Ulrey, Clayton T., East Orange, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. X-ray system for taking short exposure X-ray photographs. 2,129,383; Sept. 6.
- Ulrey, David G., Tampa, assignor to H. G. Zellner, Lakeland, Fla. Coloration of fruit. 2,133,064; Oct. 11.
- Ulrey, Dayton, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Aging vacuum tubes. 2,109,225; Feb. 22.
- Ulrich, Charles B., Jamestown, N. Y. Mineral trap. 2,125,469; Aug. 2.
- Ulrich, Charles B., Jamestown, N. Y. Rifle block. 2,138,313; Nov. 29.
- Ulrich, Christian D., North Little Rock, Ark. Expansive clamp. 2,137,315; Nov. 22.
- Ulrich, Clyde W., assignor to Altorf Bros. Company, Peoria, Ill. Spray booth construction. 2,137,038; Nov. 15.
- Ulrich, Friedrich, Berlin-Siemensstadt, and A. Schaaf, Berlin-Charlottenburg, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrodynamical loudspeaker. 2,134,064; Oct. 25.
- Ulrich, Gus E., Cumberland, Md. Shedding mechanism. 2,131,679; Sept. 27.
- Ulrich, Heinrich, and E. Ploetz, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of quaternary ammonium bases. 2,127,476; Aug. 16.
- Ulrich, Heinrich, and E. Ploetz, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing quaternary ammonium compounds. 2,137,314; Nov. 22.
- Ulrich, Horace W. (See Anderson, E. N., Getz, and Ulrich.)
- Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Prepayment telephone system. 2,128,442; Aug. 30.
- Ulsamer, Julius. (See Zwick, K., Deckel, Fischlmayr, and Ulsamer.)
- Ultrad Products, Incorporated. (See Arden, Thomas R., assignor.)
- Umansky, Leonid A. (See Mohler, F., and Umansky.)
- Umbach, Hans. (See Pape, L. F. W., and Umbach.)
- Umbreit, Stanton, West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America. Alloy. 2,131,909; Oct. 4.
- Umbrella Machinery Corp. (See Levin, Joseph, assignor.)
- Umhoefer, John P., Cleghorn, G. H. Albers, Cherokee, and J. R. Albers, Sioux City, Iowa; said G. H. Albers assignor of one-sixth to said Umhoefer and one-sixth to said J. R. Albers. Power driven log saw. 2,128,864; Aug. 30.
- Umlauf, Karl, Berlin-Charlottenburg, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Hydraulic forward and reverse drive. 2,104,213; Jan. 4.
- Umphres, Thomas J., George West, Tex. Derrick pipe rack. 2,141,097; Dec. 20.
- Uncas Manufacturing Company. (See Ahlquist, Arthur A., assignor.)
- Underhill, Joseph, Finchley, London, England. Method of and apparatus for photographically recording sound waves. 2,104,716; Jan. 4.
- Underhill, Wyvel S., Detroit, Mich., assignor to Aluminum Company of America, Pittsburgh, Pa. Extrusion of tubular shapes of aluminum and alloys thereof. 2,135,194; Nov. 1.
- Underpinning & Foundation Company. (See Lewers, George R., assignor.)
- Underpinning & Foundation Company. (See Martin, Warren S., assignor.)
- Underpinning & Foundation Co. (See Ralsch, William, assignor.)
- Underpinning & Foundation Co. (See Streander, Philip B., assignor.)
- Undertakers Supply Company. (See Lohberg, Louis M., assignor.)
- Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
- Underwood Elliott Fisher Company. (See Beach, Raymond S., assignor.)
- Underwood Elliott Fisher Company. (See Borg, Ernest M. R., assignor.)
- Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)
- Underwood Elliott Fisher Co. (See Foothorap, Harry A., assignor.)
- Underwood Elliott Fisher Company. (See Helmond, William F., assignor.)
- Underwood Elliott Fisher Company. (See Kurowski, Alfred G. F., assignor.)
- Underwood Elliott Fisher Company. (See Kurowski, A. G. F., and Smith, assignors.)
- Underwood Elliott Fisher Company. (See Linderman, Stewart H., assignor.)
- Underwood Elliott Fisher Company. (See Neidich, Samuel A., assignor.)
- Underwood Elliott Fisher Company. (See Pitman, Henry L., assignor.)
- Underwood Elliott Fisher Company. (See Smith, James A., assignor.)
- Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
- Underwood Elliott Fisher Company. (See Soderstrom, Oscar W., assignor.)
- Underwood Elliott Fisher Company. (See Stickney, Burnham C., assignor.)
- Underwood Elliott Fisher Company. (See Sundstrand, Oscar J., assignor.)
- Underwood Elliott Fisher Company. (See Sundstrand, O. J., and Anderson, assignors.)
- Underwood Elliott Fisher Company. (See Thieme, Otto, assignor.)
- Underwood Elliott Fisher Company. (See Thompson, Russell C., assignor.)
- Underwood Elliott Fisher Company. (See Thompson, Russell G., assignor.)
- Underwood Elliott Fisher Company. (See Thorell, Edwin, assignor.)
- Underwood Elliott Fisher Company. (See Wise, Elmer L., assignor.)
- Underwood, Howard C., New York, N. Y. Folding collar corners. 2,138,222; Nov. 29.
- Underwood, Joseph E., assignor to C. Howard Hunt Pen Company, Camden, N. J. Gold plating. 2,133,996; Oct. 25.
- Underwood, Weeden B., assignor to American Sterilizer Company, Erie, Pa. Sterilizing apparatus. 2,112,639; Mar. 29.
- Ungelenk, Alfred, Thuringen, Germany, assignor to General Electric Company. X-ray apparatus. 2,111,412; Mar. 15.
- Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,108,153; Feb. 15.
- Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,127,657; Aug. 23.
- Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,129,109; Sept. 6.
- Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Transfer fork. 2,138,947; Dec. 6.
- Unger, Paul O., Glen Ellyn, assignor to Wilson-Jones Company, Chicago, Ill. Reference stand. 2,140,176; Dec. 13.
- Unger, Paul O., Glen Ellyn, and F. D. Wedge, Lombard, assignors to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,116,989; May 10.
- Unger, Theodor B., Fredrikstad, Norway. Treating ships' tanks and other large containers to protect their interior surfaces against corrosion. 2,126,430; Aug. 9.
- Unger, Theodor B., Fredrikstad, Norway. Coating iron and steel surfaces. 2,137,370; Nov. 22.
- "Unichem" Chemikalien Handels A.-G. (See Schrauth, Walther, assignor.)
- Union Bag & Paper Corporation. (See Avery, True M., assignor.)
- Union Carbide and Carbon Corporation. (See Baeckler, Walter, assignor.)
- Union Carbide and Carbon Corporation. (See Becket, F. M., and Franks, assignors.)
- Union Carbide and Carbon Corporation. (See Bucknam, James H., assignor.)
- Union Carbide and Carbon Corporation. (See Burgess, Charles O., assignor.)
- Union Carbide and Carbon Corporation. (See Chadwick, Cecil G., assignor.)
- Union Carbide and Carbon Corporation. (See Clapsadle, L. J., and Tenney, assignors.)
- Union Carbide and Carbon Corporation. (See Cox, H. L., and Carruthers, assignors.)
- Union Carbide and Carbon Corporation. (See De Motte, Maurice P., assignor.)
- Union Carbide and Carbon Corporation. (See De Motte, M. P., and Baker, assignors.)
- Union Carbide and Carbon Corporation. (See Doolittle, Arthur K., assignor.)
- Union Carbide and Carbon Corporation. (See Doyle, Edmund A., assignor.)
- Union Carbide and Carbon Corporation. (See Duggan, Fred W., assignor.)
- Union Carbide and Carbon Corporation. (See Eversole, James F., assignor.)



- Union Carbide and Carbon Corporation. (See Franks, Russell, assignor.)  
 Union Carbide and Carbon Corporation. (See Geibig, Frank C., assignor.)  
 Union Carbide and Carbon Corporation. (See Geibig, F. C., and Jacobsson, assignors.)  
 Union Carbide and Carbon Corporation. (See Graubner, H. G., and Saurwein, assignors.)  
 Union Carbide and Carbon Corporation. (See Groff, Frazier, assignor.)  
 Union Carbide and Carbon Corporation. (See Halbing, John M., assignor.)  
 Union Carbide and Carbon Corporation. (See Hutchison, F. C., and Jacobsson, assignors.)  
 Union Carbide and Carbon Company. (See Jacobsson, Wilgot J., assignor.)  
 Union Carbide and Carbon Corporation. (See Jacobsson, W. J., and Harris, assignors.)  
 Union Carbide and Carbon Corporation. (See Jones, Homer W., assignor.)  
 Union Carbide and Carbon Corporation. (See Karwat, Ernst, assignor.)  
 Union Carbide and Carbon Corporation. (See Kehl, Robert J., assignor.)  
 Union Carbide and Carbon Corporation. (See Kiefer, Edwin F., assignor.)  
 Union Carbide and Carbon Corporation. (See Kinzel, Augustus E., assignor.)  
 Union Carbide and Carbon Corporation. (See Lee, Harry E., assignor.)  
 Union Carbide and Carbon Corporation. (See Lennings, W., and Karwat, assignors.)  
 Union Carbide and Carbon Corporation. (See Logan, Leonard A., assignor.)  
 Union Carbide and Carbon Corporation. (See Marshall, James G., assignor.)  
 Union Carbide and Carbon Corporation. (See McCurdy, Frederick T., assignor.)  
 Union Carbide and Carbon Corporation. (See Mesinger, William F., assignor.)  
 Union Carbide and Carbon Corporation. (See Moss, Herbert H., assignor.)  
 Union Carbide and Carbon Corporation. (See Obert, Casin W., assignor.)  
 Union Carbide and Carbon Corporation. (See Pollitzer, Franz, assignor.)  
 Union Carbide and Carbon Corporation. (See Quattlebaum, William M., assignor.)  
 Union Carbide and Carbon Corporation. (See Ray, Arthur B., assignor.)  
 Union Carbide and Carbon Corporation. (See Rehm, Charles W., assignor.)  
 Union Carbide and Carbon Corporation. (See Reid, Ernest W., assignor.)  
 Union Carbide and Carbon Corporation. (See Rockefeller, H. E., and Halbing, assignors.)  
 Union Carbide and Carbon Corporation. (See Serner, Herbert E., assignor.)  
 Union Carbide and Carbon Corporation. (See Smith, G. H., and Jacobsson, assignors.)  
 Union Carbide and Carbon Corporation. (See Southgate, George T., assignor.)  
 Union Carbide and Carbon Corporation. (See Toussaint, Walter J., assignor.)  
 Union Carbide and Carbon Corporation. (See Ullmer, Herman, assignor.)  
 Union Carbide and Carbon Corporation. (See Vaughn, Thomas H., assignor.)  
 Union Carbide and Carbon Corporation. (See Wagner, Robert L., assignor.)  
 Union Carbide and Carbon Corporation. (See Wickert, Jacob N., assignor.)  
 Union Carbide and Carbon Corporation. (See Wilson, Alexander L., assignor.)  
 Union Carbide and Carbon Corporation. (See Young, Lloyd W., assignor.)  
 Union Carbide and Carbon Research Laboratories, Inc. (See Franks, Russell, assignor.)  
 Union Carbide and Carbon Research Laboratories, Inc. (See Vaughn, Thomas H., assignor.)  
 Union Cutlery Co. (See Koller, William J., assignor.)  
 Union d'Electricite. (See Maillat, Gustave E., assignor.)  
 Union Hardware Company. (See Hoerle, William F., assignor.)  
 Union Hardware Company. (See Jack, Edward M., assignor.)  
 Union Ice Company, The. (See Hughes, George, assignor.)  
 Union Ice Company, The. (See Rear, James C., assignor.)  
 Union Iron Works. (See MacCamy, Harry J., assignor.)  
 Union Machinery Company. (See Marasso, Fred, assignor.)  
 Union Oil Company. (See Dillon, Lyle, assignor.)  
 Union Oil Company of California. (See Aldridge, B. G., and Hopper, assignors.)  
 Union Oil Company of California. (See Aldridge, B. G., and Ragatz, assignors.)  
 Union Oil Company of California. (See Bailey, James R., assignor.)  
 Union Oil Company of California. (See Barnes, C. D., and Flaxman, assignors.)  
 Union Oil Company of California. (See Beckwith, L. B., and Scott, assignors.)  
 Union Oil Company of California. (See Blount, Arthur L., assignor.)  
 Union Oil Company of California. (See Blount, A. L., and Reiber, assignors.)  
 Union Oil Company of California. (See Bray, Ulric B., assignor.)  
 Union Oil Company of California. (See Bray, U. B., and Beckwith, assignors.)  
 Union Oil Company of California. (See Bray, U. B., and Reynolds, assignors.)  
 Union Oil Company of California. (See Card, Earle W., assignor.)  
 Union Oil Company of California. (See Carr, D. E., and Wade, assignors.)  
 Union Oil Company of California. (See Dillon, Lyle, assignor.)  
 Union Oil Company of California. (See Ewing, Frederick J., assignor.)  
 Union Oil Company of California. (See Fisher, Harmon F., assignor.)  
 Union Oil Company of California. (See Flaxman, Marcellus T., assignor.)  
 Union Oil Company of California. (See Gard, Earle W., assignor.)  
 Union Oil Company of California. (See Garofalo, Ross J., assignor.)  
 Union Oil Company of California. (See Hopper, Basil, assignor.)  
 Union Oil Company of California. (See Hopper, B., and Kingman, assignors.)  
 Union Oil Company of California. (See Jones, P. H., and Rabson, assignors.)  
 Union Oil Company of California. (See Merrill, David R., assignor.)  
 Union Oil Company of California. (See Ragatz, Edward G., assignor.)  
 Union Oil Company of California. (See Subkow, Philip, assignor.)  
 Union Oil Company of California. (See Subkow, P., and Beckwith, assignors.)  
 Union Oil Company of California. (See Wade, Maner L., assignor.)  
 Union Oil Company of California. (See Wallin, Kenneth L., assignor.)  
 Union Railway Equipment Company. (See Zane, Edward, assignor.)  
 Union Selling Company, The. (See Rockwood, C. D., and Osmun, assignors.)  
 Union Special Machine Company. (See Christensen, N. V., and Hacklander, assignors.)  
 Union Special Machine Company. (See Christensen, N. V., Hacklander, and Le Vesconte, assignors.)  
 Union Special Machine Company. (See Christensen, N. V., and Quist, assignors.)  
 Union Special Machine Company. (See Christensen, N. V., and Rubel, assignors.)  
 Union Special Machine Company. (See Christensen, N. V., Rubel, Smith, and Le Vesconte, assignors.)  
 Union Special Machine Company. (See Edwards, Russell T., assignor.)  
 Union Special Machine Company. (See Goodwin, William D., assignor.)  
 Union Special Machine Company. (See Hacklander, Hans, assignor.)  
 Union Special Machine Company. (See Kucera, Frank A., assignor.)  
 Union Special Machine Company. (See Le Vesconte, Harold J., assignor.)  
 Union Special Machine Company. (See Le Vesconte, H. J., and Smith, assignors.)  
 Union Special Machine Company. (See Mackay, Richard, Jr., assignor.)  
 Union Special Machine Company. (See Rubel, Charles F., assignor.)  
 Union Special Machine Company. (See Rubel, C. F., and Le Vesconte, assignors.)  
 Union Special Machine Company. (See Sauer, George, assignor.)  
 Union Special Machine Company. (See Sauer, G., and Smith, assignors.)  
 Union Special Machine Company. (See Thompson, Charles S., assignor.)  
 Union Special Machine Company. (See Thompson, C. S., and Kucera, assignors.)  
 Union Special Machine Company. (See Thompson, C. S., Kucera, and Riviere, assignors.)  
 Union Starch and Refining Company. (See Fetzer, Walter R., assignor.)  
 Union Steam Pump Company. (See Ordway, Earl P., assignor.)  
 Union Steel Products Company. (See Bitney, Dewey H., assignor.)  
 Union Switch & Signal Company, The. (See Abalos, Paul, assignor.)  
 Union Switch & Signal Company, The. (See Agnew, Norman F., assignor.)  
 Union Switch & Signal Company, The. (See Agnew, N. F., and Hines, assignors.)  
 Union Switch & Signal Company, The. (See Agnew, N. F., and Maholevich, assignors.)  
 Union Switch & Signal Company, The. (See Allen, Earl M., assignor.)  
 Union Switch & Signal Company, The. (See Allen, E. M., Brooks, and Thompson, assignors.)



- Union Switch & Signal Company, The. (See Allen, E. M., and Little, assignors.)  
 Union Switch & Signal Company, The. (See Allison, Leslie R., assignor.)  
 Union Switch & Signal Company, The. (See Ashworth, Harry E., assignor.)  
 Union Switch & Signal Company, The. (See Baughman, George W., assignor.)  
 Union Switch & Signal Company, The. (See Behrens, Teodoro A., assignor.)  
 Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)  
 Union Switch & Signal Company, The. (See Brooks, Charles A., assignor.)  
 Union Switch & Signal Company, The. (See Claus, William H., assignor.)  
 Union Switch & Signal Company, The. (See Clausen, Harold C., assignor.)  
 Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)  
 Union Switch & Signal Company, The. (See Dodd, Arthur E., assignor.)  
 Union Switch & Signal Company, The. (See Dodd, A. E., and Young, assignors.)  
 Union Switch & Signal Company, The. (See Dormoy, Jules, assignor.)  
 Union Switch & Signal Company, The. (See Dowling, Philip H., assignor.)  
 Union Switch & Signal Company, The. (See Failor, Charles W., assignor.)  
 Union Switch & Signal Company, The. (See Fisher, A. W., and Wells, assignors.)  
 Union Switch & Signal Company, The. (See Gilbert, Chalmers W., assignor.)  
 Union Switch & Signal Company, The. (See Gilson, Robert M., assignor.)  
 Union Switch & Signal Company, The. (See Girardin, Louis, assignor.)  
 Union Switch & Signal Company, The. (See Grondahl, Lars O., assignor.)  
 Union Switch & Signal Company, The. (See Haines, Harvey A., assignor.)  
 Union Switch & Signal Company, The. (See Hedding, Linnie K., assignor.)  
 Union Switch & Signal Company, The. (See Hines, Claude M., assignor.)  
 Union Switch & Signal Company, The. (See Kemmerer, Ralph R., assignor.)  
 Union Switch & Signal Company, The. (See Kershaw, Arthur G., assignor.)  
 Union Switch & Signal Company, The. (See Lay, Charles H., assignor.)  
 Union Switch & Signal Company, The. (See Lazich, Branko, assignor.)  
 Union Switch & Signal Company, The. (See Lewis, Lloyd V., assignor.)  
 Union Switch & Signal Company, The. (See Livingston, John W., assignor.)  
 Union Switch & Signal Company, The. (See Lucas, Samuel M., assignor.)  
 Union Switch & Signal Company, The. (See Martin, Paul N., assignor.)  
 Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)  
 Union Switch & Signal Company, The. (See McCann, R. A., and Young, assignors.)  
 Union Switch & Signal Company, The. (See Mishelevich, Benjamin, assignor.)  
 Union Switch & Signal Company, The. (See Mishelevich, B., and Lazich, assignors.)  
 Union Switch & Signal Company, The. (See Nickolson, Frank H., assignor.)  
 Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)  
 Union Switch & Signal Company, The. (See Pfisterer, George R., assignor.)  
 Union Switch & Signal Company, The. (See Place, Willard P., assignor.)  
 Union Switch & Signal Company, The. (See Place, W. P., Bossart, and Grondahl, assignors.)  
 Union Switch & Signal Company, The. (See Serrière, Jean, assignor.)  
 Union Switch & Signal Company, The. (See Snavelly, Clarence S., assignor.)  
 Union Switch & Signal Company, The. (See Sorensen, Andrew J., assignor.)  
 Union Switch & Signal Company, The. (See Staples, Crawford E., assignor.)  
 Union Switch & Signal Company, The. (See Stoker, Paul P., assignor.)  
 Union Switch & Signal Company, The. (See Stout, Walter L., assignor.)  
 Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)  
 Union Switch & Signal Company, The. (See Thompson, Leslie E., assignor.)  
 Union Switch & Signal Company, The. (See Vanhorn, James J., assignor.)  
 Union Switch & Signal Company, The. (See Vantassel, Harry C., assignor.)  
 Union Switch & Signal Company, The. (See Wells, Wesley B., assignor.)  
 Union Switch & Signal Company, The. (See Wells, W. B., and Lockhart, assignors.)  
 Union Switch & Signal Company, The. (See Whitelock, Leland D., assignor.)  
 Union Switch & Signal Company, The. (See Yarbrough, Lowell B., assignor.)  
 Union Switch & Signal Company, The. (See Young, Henry S., assignor.)  
 Union Tank Car Company. (See Root, Joseph J., Jr., assignor.)  
 Union Tank Car Company. (See Smith, A. E., and Runkel, assignors.)  
 Union Tank Car Company. (See Smith, Ray M., assignor.)  
 Unique Balance Company. (See Larson, Algot, assignor.)  
 United Aconustigraph Corporation. (See Bender, Max, assignor.)  
 United Aircraft Corporation. (See Beardsley, G. E., Jr., and Parkins, assignors.)  
 United Aircraft Corporation. (See Beisel, Rex B., assignor.)  
 United Aircraft Corporation. (See Caldwell, Frank W., assignor.)  
 United Aircraft Corporation. (See Gluhareff, Serge, assignor.)  
 United Aircraft Corporation. (See Granville, Edward H., assignor.)  
 United Aircraft Corporation. (See Green, Albert A., assignor.)  
 United Aircraft Corporation. (See Griswold, Roger W., II, assignor.)  
 United Aircraft Corporation. (See Henrichsen, Knut, assignor.)  
 United Aircraft Corporation. (See Hiscock, Thorp, assignor.)  
 United Aircraft Corporation. (See Hobbs, Leonard S., assignor.)  
 United Aircraft Corporation. (See King, Alexander H., assignor.)  
 United Aircraft Corporation. (See Martin, Erle, assignor.)  
 United Aircraft Corporation. (See Parkins, W. A., and Marshall, assignors.)  
 United Aircraft Corporation. (See Pierce, Raymond C., assignor.)  
 United Aircraft Corporation. (See Ryder, E. A., and Parkins, assignors.)  
 United Aircraft Corporation. (See Sikorsky, Igor I., assignor.)  
 United Aircraft Corporation. (See Smiling, Bruno M., assignor.)  
 United Aircraft Corporation. (See Squires, John, assignor.)  
 United Aircraft Corporation. (See Tyler, John M., assignor.)  
 United Aircraft Corporation. (See Willgoos, Andrew V. D., assignor.)  
 United American Bosch Corporation. (See Allen, William R., III, assignor.)  
 United American Bosch Corporation. (See Curtis, Leslie F., assignor.)  
 United American Bosch Corporation. (See Kongsted, Ludvig P., assignor.)  
 United American Bosch Corporation. (See Long, Herber J., assignor.)  
 United American Bosch Corporation. (See Long, H. J., and Albrecht, assignors.)  
 United Autographic Register Co. (See Cooke, Allen B., assignor.)  
 United Autographic Register Co. (See Euth, John E., assignor.)  
 United Autographic Register Co. (See Jensen, Louis, assignor.)  
 United Autographic Register Co. (See Schroeder, Bernard A., assignor.)  
 United Builders Company. (See Hughson, Fred M., assignor.)  
 United-Carr Fastener Corporation. (See Chaffee, Raymond O., assignor.)  
 United-Carr Fastener Corporation. (See Churchill, Wilmer H., assignor.)  
 United-Carr Fastener Corporation. (See Clark, Ernest, assignor.)  
 United-Carr Fastener Corporation. (See Cox, Joseph F., assignor.)  
 United-Carr Fastener Corporation. (See Fearing, Allen C., assignor.)  
 United-Carr Fastener Corporation. (See Hall, Charles L., assignor.)  
 United-Carr Fastener Corporation. (See Johnson, Gustav, assignor.)  
 United-Carr Fastener Corporation. (See Jones, Walter I., assignor.)  
 United-Carr Fastener Corporation. (See Kimbell, Arthur W., assignor.)  
 United-Carr Fastener Corporation. (See Merk, George S., assignor.)  
 United-Carr Fastener Corporation. (See Murphy, Howard J., assignor.)  
 United-Carr Fastener Corporation. (See Smith, Emmet Q., assignor.)  
 United-Carr Fastener Corporation. (See Swift, Carroll C., assignor.)  
 United-Carr Fastener Corporation. (See Upham, Preston, assignor.)  
 United-Carr Fastener Corporation. (See Wilson, Cary C., assignor.)



- United-Carr Fastener Corporation. (See Woodward, Clement A., assignor.)  
 United Chromium, Incorporated. (See Hosdowich, John M., assignor.)  
 United Color and Pigment Company. (See Meister, Walter F., assignor.)  
 United Cork Companies. (See Bose, Edward R., assignor.)  
 United Cotton Products Company. (See Hurst, E., and Crane, assignors.)  
 United Drug Company. (See Bowles, J. A. C., and McFarlan, assignors.)  
 United Drug Company. (See McFarlan, R. L., and Reddie, assignors.)  
 United Drug Company. (See Schulz, Paul A., assignor.)  
 United Elastic Corporation. (See Van Voorhis, George S., assignor.)  
 United Engineering & Foundry Company. (See Biggert, Florence C., Jr., assignor.)  
 United Engineering & Foundry Company. (See Buente, Charles F., assignor.)  
 United Engineering & Foundry Company. (See Mueller, H., and Walters, assignors.)  
 United Engineering & Foundry Company. (See Schmid, Hans H., assignor.)  
 United Engineering & Foundry Company. (See Smitmans, John A., assignor.)  
 United Engineering & Foundry Company. (See Stone, Morris D., assignor.)  
 United Engineering & Foundry Company. (See Streine, Frank B., assignor.)  
 United Engineering & Foundry Company. (See Talbot, Howard H., assignor.)  
 United Engineering & Foundry Company. (See Talbot, H. H., and Sieger, assignors.)  
 United Fruit Company. (See Rippey, George S., assignor.)  
 United Fruit Company. (See Robson, Hector H., assignor.)  
 United Gas Improvement Company, The. (See Hazel, Claude S., assignor.)  
 United Gas Improvement Company, The. (See Skeen, John R., assignor.)  
 United Gas Improvement Company, The. (See Willen, L. J., and Stein, assignors.)  
 United Glass Bottle Manufacturers Limited, The. (See Moorshead, Thomas C., assignor.)  
 United Hosiery Mills Corporation. (See Marshall, John L., assignor.)  
 United Iron Works Company et al. (See Holzer, Hiram A., assignor.)  
 United Last Company. (See Johnson, Clarence H., assignor.)  
 United Laundry Machinery Corporation. (See Reinitz, George J., assignor.)  
 United Lens Corporation. (See Arbuckle, S. F., Coulter, and Godley, assignors.)  
 United Lens Corporation. (See Coulter, G. H., and Godley, assignors.)  
 United Lens Corporation. (See Godley, Charles E., assignor.)  
 United Limmer and Vorwöhle Rock Asphalt Company Limited. (See Lattorf, Richard, assignor.)  
 United Merchants & Manufacturers, Inc. (See Bulford, Murray N., assignor.)  
 United Metal Box Co. (See Hammer, Samuel, assignor.)  
 United Research Corporation. (See Baisley, James R., assignor.)  
 United Research Corporation. (See Black, William A., assignor.)  
 United Research Corporation. (See Carpenter, Arthur W., assignor.)  
 United Research Corporation. (See Farrand, Clair L., assignor.)  
 United Research Corporation. (See Fischer, Edwin L., assignor.)  
 United Research Corporation. (See Groves, George R., assignor.)  
 United Research Corporation. (See Haas, Paul, assignor.)  
 United Research Corporation. (See Hasbrouck, Harold J., Jr., assignor.)  
 United Research Corporation. (See McClay, Roy C., assignor.)  
 United Research Corporation. (See Miller, Burton F., assignor.)  
 United Research Corporation. (See Mueller, William A., assignor.)  
 United Research Corporation. (See Nielsen, John F., assignor.)  
 United Research Corporation. (See Ross, Ernest, assignor.)  
 United Research Corporation. (See Ross, E., and Haas, assignors.)  
 United Research Corporation. (See Tondreau, Albert W., assignor.)  
 United Research Corporation. (See Treacy, Cyril S., assignor.)  
 United Shoe Machinery Company. (See Turner, Chester B., assignor.)  
 United Shoe Machinery Corporation. (See Adams, Oscar C., assignor.)  
 United Shoe Machinery Corporation. (See Anderson, Charles T., assignor.)  
 United Shoe Machinery Corporation. (See Ashworth, F., and Curtin, assignors.)  
 United Shoe Machinery Corporation. (See Bagshaw, C. M., and Harrington, assignors.)  
 United Shoe Machinery Corporation. (See Bancroft, William H., assignor.)  
 United Shoe Machinery Corporation. (See Barge, George H., assignor.)  
 United Shoe Machinery Corporation. (See Barnett, Walter, assignor.)  
 United Shoe Machinery Corporation. (See Barton, Joseph M., assignor.)  
 United Shoe Machinery Corporation. (See Batchelder, Clifford T., assignor.)  
 United Shoe Machinery Corporation. (See Bates, Arthur, assignor.)  
 United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)  
 United Shoe Machinery Corporation. (See Bell, Charles C., assignor.)  
 United Shoe Machinery Corporation. (See Bertram, Hugo A., assignor.)  
 United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)  
 United Shoe Machinery Corporation. (See Bessom, Earl A., assignor.)  
 United Shoe Machinery Corporation. (See Bessom, E. A., and Pepin, assignors.)  
 United Shoe Machinery Corporation. (See Better, Francis J., assignor.)  
 United Shoe Machinery Corporation. (See Blanchard, Benjamin B., assignor.)  
 United Shoe Machinery Corporation. (See Boothrod, Hubert, assignor.)  
 United Shoe Machinery Corporation. (See Bradbury, Albert W., assignor.)  
 United Shoe Machinery Corporation. (See Brandt, Francis L., assignor.)  
 United Shoe Machinery Corporation. (See Bray, William N., assignor.)  
 United Shoe Machinery Corporation. (See Brostom, Charles G., assignor.)  
 United Shoe Machinery Corporation. (See Brothers, Eli, assignor.)  
 United Shoe Machinery Corporation. (See Buckley, Michael F., assignor.)  
 United Shoe Machinery Corporation. (See Burby, Philip E., assignor.)  
 United Shoe Machinery Corporation. (See Butler, Ernest L., assignor.)  
 United Shoe Machinery Corporation. (See Caswell, J. A., and Robinson, assignors.)  
 United Shoe Machinery Corporation. (See Cavanagh, James, assignor.)  
 United Shoe Machinery Corporation. (See Cocozella, Albert J. and A., Jr., assignors.)  
 United Shoe Machinery Corporation. (See Cooper, Harold E., assignor.)  
 United Shoe Machinery Corporation. (See Crosby, Robert A., assignor.)  
 United Shoe Machinery Corporation. (See Cuzzo, Michele, assignor.)  
 United Shoe Machinery Corporation. (See Dixon, Paul H., assignor.)  
 United Shoe Machinery Corporation. (See Drew, Frederick W., assignor.)  
 United Shoe Machinery Corporation. (See Duplessis, René E., assignor.)  
 United Shoe Machinery Corporation. (See Dyer, Newell V., assignor.)  
 United Shoe Machinery Corporation. (See Eastman, Fred C., assignor.)  
 United Shoe Machinery Corporation. (See Edwards, Herbert E., assignor.)  
 United Shoe Machinery Corporation. (See Engel, Karl, assignor.)  
 United Shoe Machinery Corporation. (See Eppler, A., and Fredericksen, assignors.)  
 United Shoe Machinery Corporation. (See Fenton, Bruton, assignor.)  
 United Shoe Machinery Corporation. (See Flinn, Sidney J., assignor.)  
 United Shoe Machinery Corporation. (See Fitzgerald, Charles F., assignor.)  
 United Shoe Machinery Corporation. (See Fogelson, Emil, assignor.)  
 United Shoe Machinery Corporation. (See Fossa, Joseph, assignor.)  
 United Shoe Machinery Corporation. (See Fredericksen, James P., assignor.)  
 United Shoe Machinery Corporation. (See Fronun, Otto W., assignor.)  
 United Shoe Machinery Corporation. (See Gillette, W. I., and Dussault, assignors.)  
 United Shoe Machinery Corporation. (See Gingell, Harry, assignor.)  
 United Shoe Machinery Corporation. (See Glidden, Harvey L., assignor.)  
 United Shoe Machinery Corporation. (See Gookin, Sylvester L., assignor.)  
 United Shoe Machinery Corporation. (See Gouldbourn, J., and Kestell, assignors.)  
 United Shoe Machinery Corporation. (See Gour, Norman B., assignor.)  
 United Shoe Machinery Corporation. (See Greenough, Henry H., assignor.)



- United Shoe Machinery Corporation. (See Hadaway, John E., assignor.)  
 United Shoe Machinery Corporation. (See Hadaway, J. B., and Sandberg, assignors.)  
 United Shoe Machinery Corporation. (See Harrington, Joseph, Jr., assignor.)  
 United Shoe Machinery Corporation. (See Hart, Fred V., assignor.)  
 United Shoe Machinery Corporation. (See Hart, G. T., Jr., and Winkley, assignors.)  
 United Shoe Machinery Corporation. (See Hawkes, Harry A., assignor.)  
 United Shoe Machinery Corporation. (See Hazelton, George, assignor.)  
 United Shoe Machinery Corporation. (See Holmgren, Eric A., assignor.)  
 United Shoe Machinery Corporation. (See Hopkins, Raymond E., assignor.)  
 United Shoe Machinery Corporation. (See Jerram, Arthur E., assignor.)  
 United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)  
 United Shoe Machinery Corporation. (See Jorgensen, Jacob C., assignor.)  
 United Shoe Machinery Corporation. (See Kamborian, Jacob S., assignor.)  
 United Shoe Machinery Corporation. (See Kennison, Frank, assignor.)  
 United Shoe Machinery Corporation. (See King, Harry C., assignor.)  
 United Shoe Machinery Corporation. (See La Chapelle, Euclid I., assignor.)  
 United Shoe Machinery Corporation. (See Lancaster, John T., assignor.)  
 United Shoe Machinery Corporation. (See Lawson, Axel A., assignor.)  
 United Shoe Machinery Corporation. (See Lawson, Robert H., assignor.)  
 United Shoe Machinery Corporation. (See Leveque, Bernard T., assignor.)  
 United Shoe Machinery Corporation. (See Lindblad, Axel E., assignor.)  
 United Shoe Machinery Corporation. (See Lisbon, Joseph C., assignor.)  
 United Shoe Machinery Corporation. (See Lovejoy, Fred C., assignor.)  
 United Shoe Machinery Corporation. (See Lyness, Horatio S., assignor.)  
 United Shoe Machinery Corporation. (See MacDonald, Clifford K., assignor.)  
 United Shoe Machinery Corporation. (See MacDonald, Edwin C., assignor.)  
 United Shoe Machinery Corporation. (See MacKenzie, Wilbur L., assignor.)  
 United Shoe Machinery Corporation. (See Maeser, Mieth, assignor.)  
 United Shoe Machinery Corporation. (See Merritt, Frank R., assignor.)  
 United Shoe Machinery Corporation. (See Meyer, Vernon H., assignor.)  
 United Shoe Machinery Corporation. (See Monfils, Napoleon A., assignor.)  
 United Shoe Machinery Corporation. (See Mooney, Fred L., assignor.)  
 United Shoe Machinery Corporation. (See Naugler, Walter E., assignor.)  
 United Shoe Machinery Corporation. (See Newhall, Carl A., assignor.)  
 United Shoe Machinery Corporation. (See Nown, Frank, assignor.)  
 United Shoe Machinery Corporation. (See Noyes, Edward R., assignor.)  
 United Shoe Machinery Corporation. (See Nutt, William H., assignor.)  
 United Shoe Machinery Corporation. (See Pepin, Charles H., assignor.)  
 United Shoe Machinery Corporation. (See Pickett, E. L., Forman, and Arthur, assignors.)  
 United Shoe Machinery Corp. (See Pickford, Albert, assignor.)  
 United Shoe Machinery Corporation. (See Pollard, Carl I., assignor.)  
 United Shoe Machinery Corporation. (See Porter, Albert L., assignor.)  
 United Shoe Machinery Corporation. (See Pym, Charles F., assignor.)  
 United Shoe Machinery Corporation. (See Ray, Eugene J., assignor.)  
 United Shoe Machinery Corporation. (See Ricks, F., and Bray, assignors.)  
 United Shoe Machinery Corporation. (See Ricks, F., and Mawbey, assignors.)  
 United Shoe Machinery Corporation. (See Riley, Francis B., assignor.)  
 United Shoe Machinery Corporation. (See Roberts, Clifford, assignor.)  
 United Shoe Machinery Corporation. (See Roberts, Thomas, assignor.)  
 United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)  
 United Shoe Machinery Corporation. (See Ross, Simon G., assignor.)  
 United Shoe Machinery Corporation. (See Ryan, George F., assignor.)  
 United Shoe Machinery Corporation. (See Seely, Thomas H., assignor.)  
 United Shoe Machinery Corporation. (See Seer, Richard H., assignor.)  
 United Shoe Machinery Corporation. (See Sherman, Fred E., assignor.)  
 United Shoe Machinery Corporation. (See Stacey, Ernest W., assignor.)  
 United Shoe Machinery Corporation. (See Thomas, W. D., and Robinson, assignors.)  
 United Shoe Machinery Corporation. (See Topham, L. E., and Knott, assignors.)  
 United Shoe Machinery Corporation. (See Wagner, Harry E., assignor.)  
 United Shoe Machinery Corporation. (See Wawbey, Lawrence, assignor.)  
 United Shoe Machinery Corporation. (See Whelton, John M., assignor.)  
 United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)  
 United Shoe Machinery Corporation. (See Woodcock, R. B., and Boothroyd, assignors.)  
 United Shoe Machinery Corporation. (See Woodcock, R. B., and Potter, assignors.)  
 United Specialties Sales Corporation. (See Chase, Herbert, assignor.)  
 United States Air Compressor Company, The. (See Schultz, F. L., and Pelouch, assignors.)  
 United States Air Conditioning Corporation. (See Hall, John R., assignor.)  
 United States Appliance Corporation. (See Davis, W. H. H., and Markel, assignors.)  
 United States Appliance Corporation. (See Keele, Ralph M., assignor.)  
 United States Appliance Corporation. (See Reynolds, F. L., and Markel, assignors.)  
 U. S. Blind Stitch Machine Corporation. (See Buono, Mario, assignor.)  
 U S Bobbin & Shuttle Company. (See Park, Carl P., assignor.)  
 U S Bobbin & Shuttle Company. (See Tebo, David A., assignor.)  
 U. S. Bottlers Machinery Co. (See Risser, Ivan H., assignor.)  
 United States Cabinet Bed Co. (See Martin, Joseph, assignor.)  
 U. S. Cloth Cutting Machine Co. Inc. (See Komow, Albert, assignor.)  
 U. S. Electrical Motors, Inc. (See Hollestelle, Jan H., assignor.)  
 U. S. Electrical Motors, Inc. (See Myers, Thomas G., assignor.)  
 United States Envelope Company. (See Heywood, Vincent E., assignor.)  
 United States Envelope Company. (See Logan, Donald B., assignor.)  
 United States Gauge Company. (See Gruver, Frank S., assignor.)  
 United States Gauge Company. (See Klein, Maximilian, assignor.)  
 United States Gauge Company. (See Klein, M., and Tollefsen, assignors.)  
 United States Gauge Company. (See Klein, M., Willach, and Stader, assignors.)  
 United States Gauge Company. (See Whipple, Jack V. H., assignor.)  
 United States Glass Bottle Manufacturers Limited, The. (See Moorshead, Thomas C., assignor.)  
 United States Gypsum Company. (See Ballard, B. T., McNeil, and Hurd, assignors.)  
 United States Gypsum Company. (See Cumfer, Harry A., assignor.)  
 United States Gypsum Company. (See Darrah, William A., assignor.)  
 United States Gypsum Company. (See Gibson, Oliver E., assignor.)  
 United States Gypsum Company. (See Pringle, William L., assignor.)  
 United States Gypsum Company. (See Reade, Ralph W. B., assignor.)  
 United States Gypsum Company. (See Southwick, Charles R., assignor.)  
 United States Gypsum Company. (See Vass, Michael G., assignor.)  
 United States Gypsum Company. (See Williford, Grover, assignor.)  
 United States Hat Machinery Corporation. (See Genest, Homer A., assignor.)  
 United States Hoffman Machinery Corporation. (See Bowdoin, G. E., and Strobridge, assignors.)  
 United States Hoffman Machinery Corporation. (See Strobridge, William, assignor.)  
 United States Holding Corporation. (See Cullman, Philipp A., assignor.)  
 U. S. Industrial Alcohol Co. (See Balcar, Frederick R., assignor.)  
 U. S. Industrial Alcohol Company. (See Carter, Ray M., assignor.)  
 U. S. Manufacturing Corporation. (See Platt, Stephen A., assignor.)  
 United States Metallic Packing Company, The. (See Light, R. A., and Price, assignors.)  
 United States of America as represented by the Secretary of War. (See Holmes, H. B., Blood, and Bell, assignors.)



United States of America as represented by the Secretary of War. (See Knerr, Lewis E., assignor.)  
 United States of America, Dedicated to the free use of the Public in the Territory of the. (See Leatherman, Martin.)  
 United States of America, represented by the Secretary of War, Government of the. (See Peterson, Ben L., assignor.)  
 United States of America, The Secretary of War of the. (See Coupland, Richard C., assignor.)  
 United States Pipe and Foundry Company. (See Russell, N. F. S., Langenberg, and Hunt, assignors.)  
 United States Printing and Lithograph Company. (See Taylor, Arthur K., assignor.)  
 United States Quarry Tile Company. (See Duskey, Wade E., assignor.)  
 U. S. Ring Traveler Company. (See Tour, Sam, assignor.)  
 U. S. Robbin & Shuttle Company. (See McGeough, William J., assignor.)  
 United States Rubber Company. (See Abbott, A. O., Jr., McNeill, Hazell, and Gibbons, assignors.)  
 United States Rubber Company. (See Cable, Donald E., assignor.)  
 United States Rubber Company. (See Cadwell, Sidney M., assignor.)  
 United States Rubber Company. (See Cobb, Henry Z., assignor.)  
 United States Rubber Company. (See Gammeter, John R., assignor.)  
 United States Rubber Company. (See Hazell, Eardley, assignor.)  
 United States Rubber Company. (See Hurt, Victor H., assignor.)  
 United States Rubber Company. (See Linscott, Chester E., assignor.)  
 United States Rubber Company. (See Meuser, Ludwig, assignor.)  
 United States Rubber Company. (See Ogilby, Stewart R., assignor.)  
 United States Rubber Company. (See Polleys, Herbert R., assignor.)  
 United States Rubber Company. (See Randall, Chester J., assignor.)  
 United States Rubber Company. (See Roberts, Edward F., assignor.)  
 United States Rubber Company. (See Robinson, W. J., and Galligan, assignors.)  
 United States Rubber Company. (See ter Horst, William P., assignor.)  
 United States Rubber Products, Inc. (See Adamson, Seth, assignor.)  
 United States Rubber Products, Inc. (See Anderson, C., Baehr, Gay, and Manville, assignors.)  
 United States Rubber Products, Inc. (See Bassford, Henry H., Jr., assignor.)  
 United States Rubber Products, Inc. (See Chittenden, F. D., and Manchester, assignors.)  
 United States Rubber Products, Inc. (See Crimmins, Nell A., assignor.)  
 United States Rubber Products, Inc. (See Dolan, Harry, assignor.)  
 United States Rubber Products, Inc. (See Eger, Ernst, assignor.)  
 United States Rubber Products, Inc. (See Erickson, Anton E., assignor.)  
 United States Rubber Products, Inc. (See Foster, Boutwell H., assignor.)  
 United States Rubber Products, Inc. (See Gerke, R. H., Ganzhorn, Howland, and Smallwood.)  
 United States Rubber Products, Inc. (See Gruner, William J., assignor.)  
 United States Rubber Products, Inc. (See Harkins, Henry H., assignor.)  
 United States Rubber Products, Inc. (See Havens, Glenn G., assignor.)  
 United States Rubber Products, Inc. (See Hazell, E., and Keen, assignors.)  
 United States Rubber Products, Inc. (See Honig, Frank, assignor.)  
 United States Rubber Products, Inc. (See Keys, Walter C., assignor.)  
 United States Rubber Products, Inc. (See Linke, Paul A., assignor.)  
 United States Rubber Products, Inc. (See McGavack, John, assignor.)  
 United States Rubber Products, Inc. (See Messer, William E., assignor.)  
 United States Rubber Products, Inc. (See Meuser, L., Messer, and Laliherte, assignors.)  
 United States Rubber Products, Inc. (See Moran, Taylor M., assignor.)  
 United States Rubber Products, Inc. (See Ogilby, Stewart R., assignor.)  
 United States Rubber Products, Inc. (See Pickett, Francis N., assignor.)  
 United States Rubber Products, Inc. (See Pipes, Walter L., assignor.)  
 United States Rubber Products, Inc. (See Rice, Harold D., assignor.)  
 United States Rubber Products, Inc. (See Roberts, E. F., and Adamson, assignors.)  
 United States Rubber Products, Inc. (See Schiller, H., Matzner, and Kallich, assignors.)

United States Rubber Products, Inc. (See Smith, Cornelius W., assignor.)  
 United States Rubber Products, Inc. (See ter Horst, William P., assignor.)  
 United States Rubber Products, Inc. (See Thackray, Carden C., assignor.)  
 United States Rubber Products, Inc. (See Wardell, William L., assignor.)  
 United States Rubber Products, Inc. (See Watkins, Parke H., assignor.)  
 United States Rubber Products, Inc. (See Wendes, John C. H., assignor.)  
 U. S. Slicing Machine Company. (See Debus, Sander, assignor.)  
 U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)  
 U. S. Slicing Machine Company. (See Held, Charles, assignor.)  
 U. S. Slicing Machine Company. (See Peddicord, Paul G., assignor.)  
 U. S. Slicing Machine Company. (See Stukart, Hendrik, assignor.)  
 U. S. Slicing Machine Company. (See van Berkel, Cornelis F. M., assignor.)  
 U. S. Slicing Machine Company. (See van Berkel, Wilhelmus A., assignor.)  
 U. S. Standard Products Company. (See Eggert, Floyd H., assignor.)  
 United States Steel Corporation. (See King, Clarence D., assignor.)  
 United States Steel Corporation. (See Queneau, Bernard R., assignor.)  
 United States Steel Corporation. (See Rumford, Lewis H., assignor.)  
 United States Steel Corporation. (See Shenk, W. E., and Larsen, assignors.)  
 United States Stoneware Company. (See Chamberlain, James M. W., assignor.)  
 United States Vanadium Corporation. (See Lorange, Otto H., assignor.)  
 United Steel & Wire Company. (See Genebach, Lowell B., assignor.)  
 United Steel and Wire Company. (See Harvey, Olin E., assignor.)  
 United Steel and Wire Company. (See Schray, Walter H., assignor.)  
 United Wire and Supply Corporation. (See Dittmeyer, Herbert W., assignor.)  
 United Wood Heel Company. (See Quirk, Justin P., assignor.)  
 Unitor Corporation. (See Parsons, George K., assignor.)  
 Unitype Engineering Company. (See Pierson, E. H., and Anderson, assignors.)  
 Universal Air Filter Corporation. (See Walker, R. S., and Moore, assignors.)  
 Universal Camera Corporation. (See Githens, O. W., Kende, and Porter, assignors.)  
 Universal Chain Co. (See Weinacker, Hermann, assignors.)  
 Universal Cooler Corporation. (See Higham, W. W., and Morse, assignors.)  
 Universal Dental Company. (See Sears, Victor H., assignor.)  
 Universal Draft Gear Attachment Co. (See Camp, Percy B., assignor.)  
 Universal Engine and Propeller Co. (See Price, Nathan C., assignor.)  
 Universal Engraving & Colorplate Company, The. (See Betts, Gilbert A., assignor.)  
 Universal Form Clamp Co. (See Lord, Chester A., assignor.)  
 Universal Gear Shift Corporation. (See Hodgkins, Albert A., assignor.)  
 Universal Generators Corporation. (See Carroll, Manly E., assignor.)  
 Universal Hydraulic Corporation. (See Kinzie, Phillip A., assignor.)  
 Universal Hydraulic Corporation. (See Kinzie, P. A., Halliday, and Kohler, assignors.)  
 Universal Hydraulic Corporation. (See Kinzie, P. A., and Kohler, assignors.)  
 Universal Hydraulic Corporation. (See Kinzie, P. A., Savage, and Kohler, assignors.)  
 Universal Insulation Company. (See Eriksen, Richard, assignor.)  
 Universal Insulation Company. (See Myers, J. B., and Smeeth, assignors.)  
 Universal Inventions Limited. (See Kassner, Ernst E. W., assignor.)  
 Universal Milking Machine Company, The. (See Schmitt, John A., assignor.)  
 Universal Oil Products Company. (See Alther, Joseph G., assignor.)  
 Universal Oil Products Company. (See Angell, Charles H., assignor.)  
 Universal Oil Products Company. (See Barnes, John B., assignor.)  
 Universal Oil Products Company. (See Barnes, Marion W., assignor.)  
 Universal Oil Products Company. (See Benedict, Wayne L., assignor.)  
 Universal Oil Products Company. (See Calderwood, Allan H., assignor.)  
 Universal Oil Products Company. (See Dwyer, Charles G., assignor.)



- Universal Oil Products Company. (See Dubbs, Carbon P., assignor.)
- Universal Oil Products Company. (See Egloff, Gustav, assignor.)
- Universal Oil Products Company. (See Engelstein, Alvin, assignor.)
- Universal Oil Products Company. (See Grosse, Aristid V., assignor.)
- Universal Oil Products Company. (See Heid, Jacob B., assignor.)
- Universal Oil Products Company. (See Huff, Lyman C., assignor.)
- Universal Oil Products Company. (See Ipatieff, V., and Corson, assignors.)
- Universal Oil Products Company. (See Ipatieff, V., and Grosse, assignors.)
- Universal Oil Products Company. (See Ipatieff, V., and Komarewsky, assignors.)
- Universal Oil Products Company. (See Ipatieff, V., and Pines, assignors.)
- Universal Oil Products Company. (See Ipatieff, V., and Schaad, assignors.)
- Universal Oil Products Company. (See Kirschbraun, Lester, assignor.)
- Universal Oil Products Company. (See McCaffrey, John W., assignor.)
- Universal Oil Products Company. (See Mekler, Lev A., assignor.)
- Universal Oil Products Company. (See Morrell, Jacques C., assignor.)
- Universal Oil Products Company. (See Morrell, J. C., and Grosse, assignors.)
- Universal Oil Products Company. (See Nelson, Edwin F., assignor.)
- Universal Oil Products Company. (See Pyzel, Robert, assignor.)
- Universal Oil Products Company. (See Seguy, Jean D., assignor.)
- Universal Oil Products Company. (See Stewart, Edward E.)
- Universal Oil Products Company. (See Swartwood, Kennerh, assignor.)
- Universal Oil Products Company. (See Swartwood, K., and Angell, assignors.)
- Universal Oil Products Company. (See Thomas, Charles L., assignor.)
- Universal Oil Products Company. (See Tropsch, Hans, assignor.)
- Universal Oil Products Company. (See Watson, Kenneth M., assignor.)
- Universal Optical Corporation. (See Bosworth, Thomas E., assignor.)
- Universal Optical Corporation. (See Sweeney, James A., assignor.)
- Universal Paper Products Company. (See Amberg, Walter E., assignor.)
- Universal Products Company. (See Crossland, Stuart, assignor.)
- Universal Products Co. (See Wollner, Hans, assignor.)
- Universal Products Co. Inc. (See Wollner, Hans, assignor.)
- Universal Road Machinery Company. (See Gay, Rubert M., assignor.)
- Universal Sanitary Manufacturing Co. (See Beam, James R., assignor.)
- Universal Sewer Pipe Company. (See Miller, Charles H., assignor.)
- Universal Slack Adjuster Company. (See James, Thomas, Jr., assignor.)
- Universal Stamping & Mfg. Co. (See Shoup, Allen A., assignor.)
- Universal Trunk Company. (See Blumenthal, Samuel, assignor.)
- Universal Water Softener, Inc. (See Straubel, Otto C., assignor.)
- Universal Winding Company. (See Beckman, Gustaf S., assignor.)
- Universal Winding Company. (See Kowada, Isoji, assignor.)
- Universal Winding Company. (See Parks, Edward F., assignor.)
- Universal Winding Company. (See Swanson, Ernest R., assignor.)
- Universal Winding Company. (See Taylor, George N., assignor.)
- Universal Window Company. (See Wiley, Esmond F., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co. (See Eissmann, Oswald E., assignor.)
- "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co. (See Graupner, Paul L., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co. (See Müller, Carl W., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co. (See Röber, Constantin F., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co. (See Stelzer, Benno, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co. (See Stelzer, Franz H. B., assignor.)
- University of Kentucky. (See Ritcher, P. O., and Calfee, assignors.)
- University of Louisville. (See Vernon, Clarence C., assignor.)
- University Patents, Inc. (See Bucky, Philip B., assignor.)
- Unk, Jacob M., Eindhoven, Netherlands, assignor to Radio Corporation of America. Receiver. 2,108,458; Feb. 15.
- Unterbusch, Frang, and E. Bodemann, assignors to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Multicore high frequency conductor. 2,118,907; May 31.
- Unwin, Gennette, Schenectady, N. Y., assignor to Plate Manufacturing Company, Detroit, Mich. Hair curler. 2,110,372; Mar. 8.
- Unwin, Kenneth J., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,106,581; Jan. 25.
- Updegraff, William B., Elizabeth, N. J. Apparatus for conserving pressure used in air locks. 2,114,038; Apr. 12.
- Uddike, Sherman H., Baltimore, Md. Grave marker. 2,125,699; Aug. 2.
- Upham, Burt F., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Safety plate-shearing device for ink rollers. 2,131,489; Sept. 27.
- Upham, Preston, Brookline, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Handbag fastener structure. 2,106,142; Jan. 18.
- Upham, Preston, Newton, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening means for bag frames and the like. 2,128,736; Aug. 30.
- Uphill, Kenneth M., and T. Jackson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile operation. 2,130,046; Sept. 13.
- Upjohn Company, The. (See Gustus, Edwin L., assignor.)
- Upper, Frederick A. (See Martin, H. C., and Upper.)
- Upper, Frederick A. (See Martin, H. C., Upper, and Aust.)
- Upson Brothers, Inc. (See Velepce, Rudolph J., assignor.)
- Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Automobile insulation. 2,110,492; Mar. 8.
- Upson Company, The. (See Upson, Charles A., assignor.)
- Upson Company, The. (See Winship, Ross, assignor.)
- Upton, Charles B., Piqua, Ohio. Press cage. 2,118,992; May 31.
- Upton, Charles B., Piqua, Ohio. Press cage construction. 2,138,670; Nov. 29.
- Upton, John. (See Parks, J. A., Jr., and Upton.)
- Upton, John, Wayland, Mass. Space heater. 2,113,607; Apr. 12.
- Upton, John, Wayland, Mass. Splicing unit. 2,130,047; Sept. 13.
- Upton, John M., assignor to Filshie Lead Head Nail Company, Inc., Chicago, Ill. Apparatus for capping nails. 2,119,659; June 7.
- Upton, Louis C., St. Joseph, Mich., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Bench. 2,139,248; Dec. 6.
- Urbain, Leon F., Chicago, Ill. System for laying boards. 2,116,737; May 10.
- Urbain, Leon F., Chicago, Ill. Acoustical tile clip. 2,129,975; Sept. 13.
- Urbain, Leon F., and F. W. Cherry, Chicago, Ill. Clip and channel. 2,129,976; Sept. 13.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Water purification. 2,105,277; Jan. 11.
- Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of organically polluted water. 2,116,053; May 3.
- Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Treating coal. 2,137,932; Nov. 22.
- Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Treating coal. 2,137,933; Nov. 22.
- Urban, Frank G., Morristown, N. J. Fruit core extractor. 2,115,832; May 3.
- Urban, John, West New York, N. J. Striping tool. 2,108,952; Feb. 22.
- Urbanek, Otto J., Chicago, Ill. Handle fastening means. 2,122,901; July 5.
- Urbaniak, Ignatz, Hindenburg, Oberschlesien, Germany. Coring, dividing, and condensing ingots of cruciform cross-section. 2,115,893; May 3.
- Urbany, Urban, San Diego, Calif. Cooker. 2,111,954; Mar. 22.
- Ure, George A., Bonnybridge, Scotland. Cooking range or stove. 2,123,668; July 12.
- Urech, Ernst. (See Miescher, K., and Urech.)
- Urech, Henry F., Beaumont, Tex. Garbage can. 2,123,126; July 5.
- Uren, Joseph W., assignor to Crescent Manufacturing Co., Seattle, Wash. Device for continuously vacuumizing containers. 2,135,059; Nov. 1.
- Urfer, Adolf, New Rochelle, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Engine synchronism indicator. 2,125,408; Aug. 2.
- Urfer, Adolf, New Rochelle, assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y. Rate of climb instrument. 2,127,836; Aug. 23.
- Urfer, Adolf, Yonkers, assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y. Engine synchronizer and tachometer. 2,125,409; Aug. 2.
- Uroukoff, Steve, Harvey, Ill. Apparatus for cleansing conduits. 2,134,493; Oct. 25.
- Urquhart, George G. (See Urquhart, Radcliffe M. and G. G.)



- Urquhart, Kenneth, Norfolk, Va. Double seated valve. 2,114,789; Apr. 19.
- Urquhart, Radcliffe M., Philadelphia, Pa. Hand operated fire extinguisher. 2,107,313; Feb. 8.
- Urquhart, Radcliffe M., Philadelphia, and G. G. Urquhart, Cynwyd, Pa. Method and apparatus for foam generating and distributing. 2,106,043; Jan. 18.
- Urquhart, William R., Akron, and E. F. Maas, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Ship fender. 2,117,121; May 10.
- Urschel, Bertis H., Bowling Green, Ohio. Heat-treating apparatus. 2,111,919; Mar. 22.
- Urschel, Bertis H., Bowling Green, Ohio. Straightening machine. 2,115,474; Apr. 26.
- Urschel, Bertis H., assignor to The Urschel Engineering Company, Bowling Green, Ohio. Tempering machine. 2,120,584; June 14.
- Urschel, Bertis H., assignor to The Urschel Engineering Company, Bowling Green, Ohio. Mower. 2,121,749; June 21.
- Urschel Engineering Company, The. (See Urschel, Bertis H., assignor.)
- Urschel, Joe R. (See Urschel, William E. and J. R.)
- Urschel, Joe R., Valparaiso, Ind. Bean snipper. 2,114,730; Apr. 19.
- Urschel, William E., Valparaiso, Ind. Mechanical movement and shredder. 2,124,934; July 26.
- Urschel, William E., Valparaiso, Ind. Material cutting and dicing machine. 2,130,937; Sept. 20.
- Urschel, William E., Valparaiso, Ind. Vegetable peeler. 2,139,180; Dec. 6.
- Urschel, William E. and J. R., Valparaiso, Ind. Fruit and vegetable cutter. 2,124,935; July 26.
- Urschel, William E. and J. R., Valparaiso, Ind. Vegetable shredder and slicer. 2,126,361; Aug. 9.
- Urschel, William E. and J. R., Valparaiso, Ind. Cutting machine. 2,138,262; Nov. 29.
- Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier circuit scheme with push-pull output. 2,109,760; Mar. 1.
- Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric wave generator. 2,124,719; July 26.
- Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Serated wave form generator. 2,135,740; Nov. 8.
- Ushakoff, Alexis E. (See Johnson, J. W., Van Roosen, Ushakoff, and Brophy.)
- Usher, Charles H., assignor to Lamb Knitting Machine Corp., Chicopee Falls, Mass. Knitting machine for making glove fingers. 2,117,122; May 10.
- Usines de Melle. (See Guinot, Henri M., assignor.)
- Usital Company. (See Bemelmans, Ernest, assignor.)
- Usona Manufacturing Co. Inc. (See Williams, Robert G., assignor.)
- Usselman, George L., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Modulation. 2,105,678; Jan. 18.
- Usselman, George L., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,105,849; Jan. 18.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Receiver. 2,113,260; Apr. 5.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulator. 2,134,065; Oct. 25.
- Usselman, George L., Rocky Point, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,111,603; Mar. 22.
- Usselman, George L., Rocky Point, N. Y., assignor to Radio Corporation of America. Container for rectifier tubes. 2,136,648; Nov. 15.
- Utah Radio Products Company. (See Barrett, Edward L., assignor.)
- Utah Radio Products Company. (See Carbonneau, Gordon S., assignor.)
- Utill-Tong, Inc. (See Ackerson, Alfred H., assignor.)
- Utility Manufacturing Company. (See Hutchens, Edward, assignor.)
- Utility Packages, Inc. (See Daller, Adrian O., assignor.)
- Utility Patent Trust No. 17,938, Union Guardian Trust Co. (See Watts, Felix J., assignor.)
- Utne, Olav. (See Mensendieck, E. M., and Utne.)
- Utrecht, William, Tampa, Fla. Pump gear for windmills. 2,130,780; Sept. 20.
- Utman, George W., West Hillsboro, assignor of one-fourth to R. O. Everett and one-fourth to S. M. Brockwell, Durham, N. C. Humidifier. 2,123,816; July 12.
- Utsunomiya, Kenzo, Shiba-ku, Tokyo, Japan. Electric arc breaker. 2,115,436; Apr. 26.
- Utt, Abime W., Bakersfield, Calif. Well screen. 2,139,975; Dec. 13.
- Utz, William, Detroit, Mich. Occupant propelled vehicle. Re. 20,682; Mar. 29.
- Uyeda, Katsujiro, Yodobashi-ku, Tokyo and I. Wooga, Setagaya-ku, Tokyo, Japan. Square. 2,122,732; July 5.
- Uyehara, Toki, Honolulu, Hawaii. Trolley conveyor. 2,125,944; Nov. 1.
- Uytendogaart, Johannes (See Hartman, A., and Uytendogaart.)
- Uytendogaart, Johannes, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y. Mounting apparatus. 2,129,283; Sept. 6.
- Uytendogaart, Johannes, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y. Roller feeding device. 2,129,284; Sept. 6.
- V. Asten, Eduard, Hauset, Belgium. Porous textile fabric. 2,110,388; Mar. 8.
- V. Bock, Bernd. (See Holzach, K., Winter, and v. Bock.)
- V. Doepp, Philipp, assignor to Junkers Flugzeug- und Motorenwerke Aktiengesellschaft, Dessau, Germany. Wind brake for aircraft. 2,111,889; Mar. 22.
- Vaco Products, Inc. (See Carter, P. M., and Linsley, assignors.)
- Vaco Products, Inc. (See Durham, Hobart N., assignor.)
- Vaco Products, Inc. (See Linsley, Douglas F., assignor.)
- Vacquier, Victor V., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Rock sampling method. 2,140,097; Dec. 13.
- Vascel Containers Limited. (See Phillips, Trevor W., assignor.)
- Vagenius, Nels H., Chicago, Ill., and R. J. Kidd, Warrensville, Ohio. Preparing quinine. 2,135,368; Nov. 1.
- Vagenius, Nils H. (See Frye, R., and Vagenius.)
- Vaghelatos, James, Toledo, Ohio. Hair treatment. 2,107,554; Feb. 8.
- Vahle, Elmer E. (See Schelot, N. G., and Vahle.)
- Vail, Edwin H., Los Angeles, Calif. Container opening device and pouring device. 2,107,654; Feb. 8.
- Vail, James G., Media, assignor to Philadelphia Quartz Company, Philadelphia, Pa. Consolidation of porous materials. 2,131,338; Sept. 27.
- Vail, James G., Media, and C. L. Baker, Penn Wynne, assignors to Philadelphia Quartz Company, Philadelphia, Pa. Compositions for and making suspensions. 2,133,759; Oct. 18.
- Vaillancourt, Philias. (See Pelletier, P., and Vaillancourt.)
- Valdiserri, Herman, Denver, Colo. Shoe shank cementing press. 2,113,802; Apr. 12.
- Valenti, Carl, Pittsburgh, Pa. Concrete slab house construction. 2,120,195; June 7.
- Valentin, Carl, Stuttgart, and E. Haller, Schwenningen-on-the-Neckar, Germany. Shuttle-changing device for looms. 2,135,608; Nov. 8.
- Valentine, Carroll E., Forest Hills, and V. E. Thornburg, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contactless regulator. 2,137,068; Nov. 15.
- Valentine, Chancey M., Tulsa, Okla. Shipping and dispensing barrel. 2,112,317; Mar. 29.
- Valentine, James C. (See Hansen, Frank J., assignor.)
- Valentine, Jerome, Cleveland Heights, assignor to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,126,590; Aug. 9.
- Valentine, Percy W. (See Soltan, Alexander, assignor.)
- Valentine, Percy W., Brooklyn, N. Y., assignor to Puritan Manufacturing Company, Boston, Mass. Rib setting and trimming machine. 2,105,063; Jan. 11.
- Valentine, Warren P., Philadelphia, assignor to National Transit Pump & Machine Company, Oil City, Pa. Motor. 2,137,551; Nov. 22.
- Valentine, Warren P., Philadelphia, assignor to National Transit Pump & Machine Company, Oil City, Pa. Multiple crank driving mechanism. 2,137,552; Nov. 22.
- Valenzuela, Jose G., Ciudad Anahuac, Mexico. Slide rule. 2,120,878; June 14.
- Valery, Gilbert and W., New Rochelle, N. Y. Brake mechanism for trailers. 2,126,062; Aug. 9.
- Valery, William. (See Valery, Gilbert and W.)
- Vallani, Ariodante, et al. (See Clucci, Ottavio, assignor.)
- Valliani, Leopoldo, et al. (See Clucci, Ottavio, assignor.)
- Valiquette, William L., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Set-up table. 2,122,221; June 28.
- Valjavec, Swanee V. (See Cook, A. A., and Valjavec.)
- Valle, Humbert D., Philadelphia, Pa. Dough cutting device. 2,119,260; May 31.
- Vallé, Paul B., assignor to The Connecticut Hard Rubber Company, New Haven, Conn. Tampon applicator. 2,141,026; Dec. 20.
- Valletta, Vittorio, assignor to Fiat Società Anonima, Turin, Italy. Checking device for motor car doors. 2,131,339; Sept. 27.
- Valley Mould & Iron Corporation. (See Ogden, William B., assignor.)
- Valley Mould & Iron Corporation. (See Ramsey, George, assignor.)
- Valley Shoe Corporation. (See Green, William E., assignor.)
- Vallone, Joseph M., assignor to Barealo Manufacturing Company, Buffalo, N. Y. Convertible bed couch. 2,136,830; Nov. 15.
- Vallat, Raymond L. A., St. Mande, France. Making record cards for statistical machines. 2,107,969; Feb. 8.
- Van Ackeren, Joseph, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Regenerative coke oven and the like. 2,110,373; Mar. 8.
- Van Ackeren, Joseph, Pittsburgh, Pa., assignor to Koppers Company. Coking retort oven. 2,132,522; Oct. 11.
- Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Gas producer. 2,141,116; Dec. 20.



- Vanadium-Alloys Steel Company. (See Gill, James P., assignor.)
- Vanadium Corporation of America. (See Norris, George L., assignor.)
- Vanadium Corporation of America. (See Strauss, J., and Norris, assignors.)
- Vanak Corporation. (See Knee, Aaron A., assignor.)
- Van Albada, Lieuwe E. W., Bloemendaal, Netherlands. Film holder for stereoscopic pictures. 2,139,782; Dec. 13.
- Van Allen, Lawrence R., Chicago, Ill. Process of blanching wood or like materials. 2,134,898; Nov. 1.
- Van Alsburg, Jerold H., Chicago, Ill. Refrigerator car. 2,120,433; June 14.
- Van Alsburg, Jerold H., Chicago, Ill., assignor to Hart & Cooley Mfg. Co., Dover, Del. Air outlet and current equalizer. 2,124,801; July 26.
- Van Alstyne, Bonnie E., San Francisco, Calif. Line indicator and means of attachment to a notebook. 2,130,750; Sept. 20.
- Van Amstel, Johannes J. A. P., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric resistance material. 2,111,708; Mar. 22.
- Van Antwerp, Arthur C., Chicago, assignor to Eastern Illinois Clay Company, St. Anne, Ill. Building tile. 2,108,396; Feb. 15.
- Van Antwerp, George S., Norristown, Pa. Electrical transformer. 2,117,583; May 17.
- Van Antwerp, George S., Norristown, Pa. Pole switch. 2,123,976; July 19.
- Van Arsdell, Ernest, Indianapolis, Ind. Auto steering wheel handgrip. 2,118,540; May 24.
- Van Atta, Arthur A., Marion, Ohio. Door structure. 2,108,697; Feb. 15.
- Van Beek, Heinz, Berlin-Lichterfelde-West, and T. Clapham, Berlin, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of extensible bundles of artificial threads. 2,127,283; Aug. 16.
- Van Benschoten, Lucius D., assignor to The Berlin Fruit Box Company, Berlin Heights, Ohio. Packing receptacle for filled article containers. 2,124,217; July 19.
- Van Benschoten, William H., Washington, D. C. Window operating and locking mechanism. 2,114,645; Apr. 19.
- Van Berg, William E. (See Loney, N. M., Van Berg, and Ferguson.)
- Vanbergen, Charles V., Lowfield Park, near Crawley, England. Dispensing machine. 2,114,363; Apr. 19.
- Vanbergen, Charles V., Lowfield Park, near Crawley, England. Vending machine. 2,121,457; June 21.
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,121,351; June 21.
- Van Berkel, Wilhelmus A., Brussels, Belgium. Registering or recording device for weighing apparatus. 2,116,086; May 3.
- Van Berkel, Wilhelmus A., Brussels, Belgium, assignor to Maatschappij van Berkel's Patent N. V., Rotterdam, Netherlands. Vacuum cleaning apparatus. 2,116,085; May 3.
- Van Berkel, Wilhelmus A., Clarens, Montreux, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Knife sharpening device. 2,141,059; Dec. 20.
- Van Billiard, Lewis H., Bridgeport, Conn., assignor to General Electric Company. Lead-in for radio receivers. 2,129,540; Sept. 6.
- Van Bree, Hubert. (See Face, A., and Van Breen.)
- Van Brun, Elsie. (See Linden, W., and Van Brun.)
- Van Bueren, Peter C. L. (See Faverty, C. B., Smith, and Van Bueren.)
- Van Bueren, Peter C. L. (See Welborn, E. C., and van Bueren.)
- Van Buren, Charles J., Detroit, Mich. Insulated building structure. 2,104,500; Jan. 4.
- Van Buren, Edmund, Kansas City, Mo. Toilet. 2,116,253; May 3.
- Van Buskirk, Edward C., South Pasadena, assignor to D. L. Williams, Glendale, Calif. Handle. 2,122,164; June 28.
- Van Buskirk, William H., assignor of one-half to O. Beaulieu, Vancouver, British Columbia, Canada. Insulated milk bottle container. 2,107,590; Feb. 8.
- Vance, Arthur W., Camden, N. J., assignor to Radio Corporation of America. Television apparatus. 2,105,870; Jan. 18.
- Vance, Arthur W., Camden, N. J., assignor to Radio Corporation of America. Method and apparatus for communication by television. 2,137,039; Nov. 15.
- Vance, Arthur W., Philadelphia, Pa., assignor to Radio Corporation of America. Electrical apparatus. 2,124,044; July 19.
- Vance, Arthur W., Philadelphia, Pa., assignor to Radio Corporation of America. Television system. 2,136,810; Nov. 15.
- Vance, Charles E. and J. E., Pittsburgh, Pa. Developing reactive forces. 2,136,403; Nov. 15.
- Vance, John E. (See Vance, Charles E. and J. E.)
- Vancil, Edgar D., assignor to Cincinnati, Grinders Incorporated, Cincinnati, Ohio. Machine for grinding laminated articles. 2,118,369; May 24.
- Van Cleave, Edwin E., and A. Wiedenbauer, Chicago, Ill. Hydraulic brake for railway cars. 2,138,263; Nov. 29.
- Van Cleef Bros. (See Van Cleef, Paul, assignor.)
- Van Cleef, Paul, assignor, by mesne assignments, to Van Cleef Bros., Chicago, Ill. Sheet rubber article. 2,115,254; Apr. 26.
- Vancura, Frank, Pittsburgh, Pa. Instrument of precision. 2,124,358; July 19.
- Van de Lande, Leonardus M. F. (See Wibaut, J. P., van de Lande, and Wallagh.)
- Van de Lune, Gerrit A., Oskaloosa, Iowa. Tank gauge. 2,111,683; Mar. 22.
- Van Deman, C. B., et al. (See McKee, Thomas, assignor.)
- Van Denburg, John W., White Plains, N. Y. Headlight system. 2,139,707; Dec. 13.
- Vandendries, Corneille. (See Ferrero, P., Vandendries, and Berbe, assignors.)
- Van de Pol, Willem. (See Beynen, L. R., van Dorp, and van de Pol.)
- Vanderbeek, Herbert, assignor to The Timken Roller Bearing Company, Canton, Ohio. Grinding machine. 2,109,600; Mar. 1.
- Van der Beyl, Willem F., Rotterdam, assignor to N. V. Martens' Brandkastenfabriek, Doetinchem, Netherlands. Making heat exchangers and the like. 2,117,830; May 17.
- Vanderbilt, Byron M. (See Hass, H. B., and Vanderbilt.)
- Vanderbilt, Byron M., Terre Haute, assignor to Purdue Research Foundation, La Fayette, Ind. Preparation of nitrohydroxy compounds. 2,132,330; Oct. 4.
- Vanderbilt, Byron M., Terre Haute, assignor to Purdue Research Foundation, Lafayette, Ind. Preparing nitrohydroxy compounds of the paraffin series. 2,135,444; Nov. 1.
- Vanderbilt, Edwin G., Fitzsimons General Hospital, near Aurora, Colo. Calf feeder. 2,119,691; June 7.
- Vanderbilt, R. T., Company. (See Alton, William H., assignor.)
- Vanderbilt, R. T., Co. (See Alton, W. H., and Jones, assignors.)
- Van der Essen, Louis P., Gloversville, and J. R. Lesser, Johnstown, N. Y. Die for forming glove blanks. 2,134,961; Nov. 1.
- Van der Grinten, Lodewijk P. F., assignor to Naamlooze Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Copying on positive diazotype layers. 2,114,468; Apr. 19.
- Vanderhider, Henry M., San Antonio, Tex. System of transmission. 2,139,103; Dec. 6.
- Van der Horst, Hajo L. (See Holst, G., and van der Horst.)
- Van de Riet, Abraham, Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifying arrangement. 2,120,995; June 21.
- Vanderkamp, John, et al. (See Zaebs, Oran C., assignor.)
- Van der Lande, Bernardus L. M., and E. van Thiel, Compiegne, France, assignors to Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Aerating liquids in the production of yeast. 2,119,188; May 31.
- Van der Lee, Gerrit. (See Staudt, Erich.)
- Van der Mark, Jan. (See Busse, E., van der Mark, and Venis.)
- Vandermeer, Bartlett, assignor to Flexlume Corporation, Buffalo, N. Y. Luminous glass letter sign. 2,114,550; Apr. 19.
- Van der Meer, Constant P. J. M., Brussels, Belgium. Apparatus for determining the resistance of the ground. 2,130,751; Sept. 20.
- Van der Minne, Johan L., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Wave-stilling oil. 2,105,278; Jan. 11.
- Vanderpoel, Albert G. H., Wilmar, assignor of one-third to J. O'Lavery and one-third to D. E. Seward, Los Angeles, Calif. Automatic deceleration control device. Re. 20,651; Feb. 8.
- Vanderpoel, Albert G. H., Wilmar, assignor of one-third to J. O'Lavery and one-third to D. E. Seward, Los Angeles, Calif. Automatically controlling flow of fuel mixture to internal combustion engines. 2,107,314; Feb. 8.
- Vanderpoel, Albert G. H., assignor of one-third to J. O'Lavery and one-third to D. E. Seward, Los Angeles, Calif. Automatic deceleration control device. 2,129,608; Sept. 6.
- Vanderpoel, Albert G. H., Wilmar, assignor of one-third to J. O'Lavery and one-third to D. E. Seward, Los Angeles, Calif. Automatic fuel mixture and scavenging gas control device. 2,129,609; Sept. 6.
- Vanderpoel, Albert G. H., assignor of one-third to J. O'Lavery and one-third to D. E. Seward, Los Angeles, Calif. Automatic means for controlling fluid flow to internal combustion engines. 2,129,610; Sept. 6.
- Van der Pol, Balthasar, and K. Posthumus, Eindhoven, Netherlands, assignors to Radio Corporation of America. Amplifying system. 2,118,122; May 24.
- Vanderpool, James W., Dedham, and R. E. Fiscus, Malden, assignors to Eastern Refractories Company, Inc., Boston, Mass. Forge furnace. 2,131,827; Oct. 4.
- Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Abrasive wheel. 2,124,279; July 19.
- Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Abrasive wheel and mounting. 2,128,213; Aug. 23.
- Van der Tuuk, Jacob H. (See Bouwers, A., and van der Tuuk.)



- Van der Tuuk, Jacob H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High tension discharge tube. 2,134,348; Oct. 25.
- Van Derveer, Clarence A. (See Duvall, W. A., and Van Derveer.)
- Van Derveer, Clarence A., assignor to S. Karpen & Bros., Chicago, Ill. Seat back. 2,138,314; Nov. 29.
- Vanderveld, Anthony, assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Lighting fixture. 2,120,449; June 14.
- Van der Ven, Adrianus J. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Automatic gain control. 2,104,107; Jan. 4.
- Vandervoort, Francis M., assignor to The White Motor Company, Cleveland, Ohio. Lubricating means for change speed mechanisms. 2,121,214; June 21.
- Van der Waerden, Hendrikus, The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Solvent dewaxing oils. 2,107,064; Feb. 1.
- Vanderwerp, Henry, Cleveland, Ohio. Rotary kiln. 2,132,709; Oct. 11.
- Vanderwerp, Henry, Cleveland, Ohio. Apparatus for producing cement clinker. 2,132,710; Oct. 11.
- Vandette, Romeo X. (See Haliburton, W. M., and Vandette.)
- Van De Vanter, William, Delta, Utah. Air conditioner for fans. 2,132,288; Oct. 4.
- Van Deventer, Albert G., South Pasadena, Calif. Smoking implement. 2,124,130; July 19.
- Van Deventer, H. R. (See Ness, James G., assignor.)
- Van Deventer, Harry R., New York, N. Y. Apparatus for use in facsimile transmitting systems. 2,129,483; Sept. 6.
- Van Dijk, Willem J. D., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,107,681; Feb. 8.
- Van Dine, Helmar E. (See Van Dine, James P. and H. E.)
- Van Dine, James P. and H. E., Cambridge, Mass. Permutation lock. 2,126,063; Aug. 9.
- Vandiver, James C., assignor of forty-nine per cent to R. L. Knie, El Paso, Tex. Ventilated toilet seat. 2,124,017; July 19.
- Van Doorne, Hubertus J., Deurne, Netherlands. Supporting device for the front part of a semitrailer. 2,112,334; Mar. 29.
- Van Doorne, Hubertus J., Deurne, Netherlands. Coupler for trailing ordnance and the like. 2,120,637; June 14.
- Vandoren, Bernard J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,108,876; Feb. 22.
- Van Dorn, William E., and W. H. Terrel, assignors to Precision Dental Mfg. Co., Pasadena, Calif. Articulator. 2,119,896; June 7.
- Van Dorp, Bernard M. (See Beynen, L. R., van Dorp, and van de Pol.)
- Van Duuren, Hendrik C. A. (See Bakker, A., and van Duuren.)
- Van Duzee, Edward M. (See Bass, S. L., and Van Duzee.)
- Van Duzee, Edward M., and S. L. Bass, assignors to The Dow Chemical Company, Midland, Mich. Aromatic ethers of di-alkyl phenols. 2,109,514; Mar. 1.
- Van Duzee, Edward M., and S. L. Bass, assignors to The Dow Chemical Company, Midland, Mich. Aromatic ethers of the hydroxy-benzoates. 2,128,975; Sept. 6.
- Van Dyck, Alexandre, Brussels, Belgium. Incandescent electric lamp. 2,126,155; Aug. 9.
- Van Dyke, Henry A., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,126,981; Aug. 16.
- Van Dyke, John W., assignor to The Atlantic Refining Company, Philadelphia, Pa. Enameled sign and attaching same. 2,139,049; Dec. 6.
- Vanerstrom, Rodman H., Chehalis, Wash. Sink drain trap. 2,140,436; Dec. 13.
- Van Geel, Willem C. (See de Boer, J. H., and van Geel.)
- Van Geel, Willem C., Eindhoven, Netherlands, assignor to Radio Corporation of America. Photoelectric device. 2,105,303; Jan. 11.
- Van Geel, Willem C., and H. Emmens, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrode system and making same. 2,137,316; Nov. 22.
- Van Geel, Willem C., and H. Emmens, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrode system of unsymmetrical conductivity. 2,137,428; Nov. 22.
- Van Gruenberg, Hubert. (See Randall, J. W. H., and Van Gruenberg.)
- Van Gulder, Walter. (See McMaster, A. J., and Van Gulder.)
- Van Halteren, Andrew S., assignor to Motor Wheel Corporation, Lansing, Mich. Brake drum. 2,111,709; Mar. 22.
- Van Halteren, Andrew S., assignor to Motor Wheel Corporation, Lansing, Mich. Making brake drums. 2,112,607; Mar. 29.
- Van Halteren, Andrew S., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,125,756; Aug. 2.
- Van Halteren, Andrew S., Lansing, Mich., assignor to The Firestone Steel Products Company, Akron, Ohio. Wheel. 2,130,207; Sept. 13.
- Van Hammersveld, John J. N. (See Lange, M. E., and Hammersveld.)
- Van Hooydonk, Adrian C., assignor to John E. Smith's Sons Company, Buffalo, N. Y. Meat mixing machine. 2,138,798; Nov. 29.
- Van Horn, Frank, Pittsburgh, Pa. Lunch kit. 2,105,382; Jan. 11.
- Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,124,660; July 26.
- Van Hove, Desire H., Pleasant Ridge, Mich. Spring cushion. 2,124,720; July 26.
- Van Husen, Norman, assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Torque device for tandem units. 2,116,485; May 3.
- Van Hynning, Rollyn, assignor to John R. Gammeter, Akron, Ohio. Method and apparatus for removing articles from forms. 2,116,916; May 10.
- Van Ittersum, Willem H. A. G., Bilthoven, Netherlands. Kite. 2,107,808; Feb. 8.
- Vanity Fair Silk Mills. (See Snader, Howard B., assignor.)
- Van Kempen, Peter A. Zittau, Germany. Machine for measuring and marking sheets of material. 2,119,863; June 7.
- Van Ladden Corporation, The. (See Van Leunen, Edgar, assignor.)
- Vanlandingham, William, Des Moines, Iowa. Hone. 2,135,926; Nov. 8.
- Van Law, Durbin, assignor to Powderco, Inc., Denver, Colo. Burner support and burner for furnaces. 2,113,846; Apr. 12.
- Van Leunen, Edgar, Terminal Island, Los Angeles, Calif., assignor to The Van Ladden Corporation. Light control means for headlights and the like. 2,119,370; May 31.
- Van Leunen, John F., Los Angeles, Calif. Film developing apparatus. 2,123,445; July 12.
- Van Loon, Carel J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Receiver tuning circuits. 2,108,154; Feb. 15.
- Van Loon, Carel J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Automatic tuning control. 2,108,420; Feb. 15.
- Van Loon, Carel J., Eindhoven, Netherlands, assignor to Radio Corporation of America. Filter unit. 2,111,710; Mar. 22.
- Van Loon, Carel J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Radio receiving system. 2,141,730; Dec. 27.
- Van Loon, Carel J., and J. A. J. Bouman, Eindhoven, Netherlands, assignors to Radio Corporation of America. Radio receiver. 2,114,025; Apr. 12.
- Van Melsen, Johannes A. (See Hyser, H. W., and van Melsen.)
- Van Meter, Harry G., Battle Lake, Minn. Furnace. 2,117,924; May 17.
- Van Meter, Morton, Grosse Pointe Park, Mich., assignor to The Logan Gear Company, Toledo, Ohio. Automobile brake mechanism. 2,117,925; May 17.
- Van Meter, William L., Philadelphia, Pa. Friction device. 2,116,130; May 3.
- Van Mierlo, Stanislas, C. A. J. Pulles, F. E. A. Smets, and L. Devaux, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Simplified teleprinter and system. 2,131,202; Sept. 27.
- Vannah, Harold P. (See Richter, G. A., and Vannah.)
- Van Ness, Eleanor, Baltimore, Md. Knitting device. 2,134,066; Oct. 25.
- Van Norman Machine Tool Company. (See Healy, Francis P., assignor.)
- Van Norman Machine Tool Company. (See Stowell, Byron E., assignor.)
- Van Nordsall, James A., Vancouver, Wash. Magazine pencil. 2,109,604; Mar. 1.
- Vannotti, Franco. (See Krebs, A. and Vannotti.)
- Vannucci, Pilade L., San Jose, Calif. Can aligner. 2,138,390; Nov. 29.
- Vanorio, Joseph A., Jr., Mount Vernon, N. Y. Horse's tail protector. 2,136,032; Nov. 8.
- Van Pelt, Arthur A., Pittsburgh, Pa., assignor to Norm-Hoffmann Bearings Corporation, Stamford, Conn. Oil lubricated mounting. 2,132,249; Oct. 4.
- Van Pelt, John E. (See Powers, A. J., and Van Pelt.)
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Reforming of gasoline distillate. 2,105,850; Jan. 18.
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Process and products relating to recovery of alcohols from hydrocarbon polymers. 2,107,065; Feb. 1.
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treatment of unsaturated compounds. 2,122,826; July 5.
- Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Esters of polymerized organic compounds. 2,139,394; Dec. 6.
- Van Peski, Adrianus J., and W. Calrot, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Lubricant composition. 2,128,574; Aug. 30.
- Van Peski, Adrianus J., and A. J. Tulleners, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Production of alkyl ester salts. 2,139,393; Dec. 6.



- Van Praag, Harry, New York, N. Y. Undergarment. 2,123,616; July 12.
- Van Prohaska, John. (See Dragstedt, L. R., Van Prohaska, and Harms.)
- Van Raalte Company. (See Carlson, Ellsworth E., assignor.)
- Van Raalte Company. (See Guild, Archibald T., assignor.)
- Van Raap, Alfred. (See Herrmann, Willy O., assignor.)
- Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,109,809; Mar. 1.
- Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Valve tappet. 2,118,579; May 24.
- Van Rijswijk, Jacobus N., 's Gravenhage, Netherlands, assignor to Iron Fireman Manufacturing Company Portland, Oreg. Stoking installation. 2,122,733; July 5.
- Van Roosen, Hugo. (See Johnson, J. W., Van Roosen, Ushakoff, and Brophy.)
- Van Roosen, Hugo. (See Van Roosen, H. and Lapp.)
- Van Roosen, Hugo. (See Lapp, G. W. and Van Roosen.)
- Van Roosen, Hugo, Newton Center, Mass., and G. W. Lapp, Le Roy, N. Y.; said Lapp assignor to said Van Roosen, now by judicial change of name, Hugo Van Roosen. Dust separator. 2,104,683; Jan. 4.
- Van Rossem, Walter J., West Los Angeles, assignor to Surgident, Ltd., Los Angeles, Calif. Flexible package for hydrocolloid impression materials. 2,105,623; Jan. 18.
- Van Rossem, Walter J., West Los Angeles, assignor to Surgident, Ltd., West Hollywood, Calif. Flexible package for hydrocolloid impression materials. 2,108,953; Feb. 22.
- Van Rossem, Walter J., assignor to Surgident, Ltd., West Los Angeles, Calif. Dispensing package of thermoplastic material. 2,136,033; Nov. 8.
- Van Sciver, Josiah H., Elkins Park, assignor to Bethlehem Foundry & Machine Company, Bethlehem, Pa. Oil burner. 2,108,734; Feb. 15.
- Van Sciver, Walter M., Lansdowne, and R. J. Ridge, Yeadon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for two-temperature refrigerators. 2,133,968; Oct. 25.
- Vanselow, Waldemar. (See Sheppard, S. E., and Vanselow.)
- Van Sickle, Charles S., deceased, Creston, Wash.; M. V. Van Sickle, administratrix. Grain separator. 2,129,452; Sept. 6.
- Van Sickle, Charles S., deceased, by M. V. Van Sickle, Creston, Wash., administratrix. Soil disrupter. 2,129,453; Sept. 6.
- Van Sickle, Myra V., administratrix. (See Van Sickle, Charles S.)
- Van Sickle, Roswell C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,138,391; Nov. 29.
- Van Sittert, Paul, South Euclid, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Reversible motor. 2,117,584; May 17.
- Van Sittert, Paul, Cleveland Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Riveting machine. 2,140,658; Dec. 20.
- Van Slooten, Jacob, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Combination radio receiver and phonograph. 2,111,711; Mar. 22.
- Van Slooten, Jacob, Eindhoven, Netherlands, assignor to Radio Corporation of America. Tone control device. 2,113,003; Apr. 5.
- Van Stone, Clifford E., Taft, Calif., assignor to Don Shaffer Tool Corporation. Apparatus for making casing and formation tests in wells. 2,107,457; Feb. 8.
- Van Stone, Clifford E., Taft, assignor of twelve and a half percent to D. U. Shaffer, Pico, twenty-five percent to M. Chancellor, Taft, and twelve and a half percent to B. Stanford, Le Habra, Calif. Pump rod spacer and turner. 2,114,090; Apr. 12.
- Vanstyle Specialties Corporation. (See Sundin, T., and Morrison, assignors.)
- Van Tassel, Earl K. (See Black, H. S., and Van Tassel.)
- Vantassel, Harry C., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,106,990; Feb. 1.
- Vantassel, Harry C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 2,119,303; May 31.
- Van Tassel, Earl K., Great Kills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Loaded transmission line. 2,135,609; Nov. 8.
- Van Thiel, Emile. (See van der Lande, B. L. M., and van Thiel, assignors.)
- Van Tongeren, Hermannus, Heemstede, Netherlands. Draining moisture from steam in steam turbines. 2,111,878; Mar. 22.
- Can Tuyl, Sidney E., assignor to O. D. Jennings and Company, Chicago, Ill. Game. 2,139,783; Dec. 13.
- Van Uum, John H., Lakewood, Ohio. Securing spring clip. 2,133,366; Oct. 18.
- Van Uum, John H., Lakewood, Ohio. Molding retainer clip. 2,139,567; Dec. 6.
- Van Urk, Arend T. (See Vermeulen, R., and Van Urk.)
- Van Valkenburg, Hermon L., Wauwatosa, Wis., and C. A. Schaefer, assignors to Square D Company, Detroit, Mich. Pressure switch. 2,135,265; Nov. 1.
- Van Valkenburg, Edgar H., Gloversville, N. Y. Abrasive drum for leather surfacing machines and the like. 2,141,962; Dec. 27.
- Van Veen, Anton. (See Jensen, T., and Van Veen.)
- Van Veen, Anton, West Hartford, Conn. Drilling machine. 2,128,518; Aug. 30.
- Van Veen, Anton, West Hartford, assignor to American Machine & Foundry Company. End slice mechanism. 2,118,531; May 24.
- Van Viersen, Jacob H., assignor to Thabur, Industriele en Technische Handelmaatschappij N. V., The Hague, Netherlands. Device for use in connecting wire ends. 2,123,070; July 5.
- Van Vliet, Paul D. (See Jordan, W. D., and Van Vliet.)
- Van Vlodrop, Cornelius. (See Waterman, H. I., and Van Vlodrop.)
- Van Voorhees, Harold E., Windsor, Ontario, Canada, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Window assembly for automotive vehicles. 2,121,577; June 21.
- Van Voorhis, George S., Northampton, assignor to United Elastic Corporation, Easthampton, Mass. Combined half hose and garter. 2,129,291; Sept. 6.
- Van Voorhis, William G., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Roadside trencher. 2,140,823; Dec. 20.
- Van Vulpen, John, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Vapor heating system. 2,113,775; Apr. 12.
- Van Wijk, Willem E., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Fractionating hydrocarbon oils. 2,108,629; Feb. 15.
- Van Willigen, Gerrit. (See Broeze, J. J., and Van Willigen.)
- Van Wingen, Neil P., assignor to American Box Board Company, Grand Rapids, Mich. Box structure. 2,111,376; Mar. 15.
- Van Wyck, John H., Middle Village, Long Island, N. Y. Chair. 2,113,145; Apr. 5.
- Van Wyk, Aart. (See Elenbaas, W., and van Wyk.)
- Van Wyk, Aart. (See Holst, G., Elenbaas, and van Wyk.)
- Van Zuilen, Henry. (See Baur, J. W., Van Zuilen, and Rogier.)
- Van Zuilen, Henry. (See Nahm, E. A., and Van Zuilen.)
- Van Zütphen, Ludwig, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Caoutchouc-like products and preparing them. 2,119,629; June 7.
- Vapor Car Heating Company. (See Parks, Paul B., assignor.)
- Vapor Car Heating Company. (See Parks, P. B., and Smith, assignors.)
- Vapor Car Heating Company. (See Van Vulpen, John, assignor.)
- Vapor Treating Processes, Inc. (See Craig, Wallace A., assignor.)
- Varilux Holding Corporation. (See Best, John G., assignor.)
- Varker, Thomas L., Wilkes-Barre, Pa., assignor to Continental Can Company of Pennsylvania. Closure for containers. 2,129,250; Sept. 6.
- Varkonda, Andrew, Brooklyn, N. Y. Electric sign. 2,129,595; Sept. 6.
- Varley, Ernest V., Norbury, London, assignor to Merri-dale Trust Limited, London, England. Slicing machine. 2,119,660; June 7.
- Varley, Richard, St. George, Staten Island, N. Y., assignor, by mesne assignments, to H. A. Richards, Stamford, Conn. Thermostatic device. 2,141,775; Dec. 27.
- Varley, Thomas W. (See Nein, W. C., and Varley.)
- Varley, Thomas W., New York, N. Y. Electrical device. 2,124,642; July 26.
- Varnish Products Company, The. (See Hammond, John M., assignor.)
- Vasbinder, Albert E., Warren, Ohio. Protective device. 2,114,153; Apr. 12.
- Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Manufacture of expanded metal. 2,104,249; Jan. 4.
- Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Sizing and shearing method and device for flattened expanded metal. 2,121,469; June 21.
- Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Expanded metal lath. 2,133,258; Oct. 11.
- Vassar Company. (See Rutledge, G. E., and Davidson, assignors.)
- Vatter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Aktien-Gesellschaft, Berlin-Siemensstadt, Germany. Lead-in for electron discharge devices. 2,107,353; Feb. 8.
- Vatter, Hans, Berlin-Charlottenburg, assignor, to Siemens & Halske Aktien-Gesellschaft, Berlin-Siemensstadt, Germany. Getting vacuum tubes. 2,121,180; June 21.
- Vatter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktien-Gesellschaft, Siemensstadt, near Berlin, Germany. Gas or vapor filled discharge device. 2,121,615; June 21.



- Vatter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Vacuum circuit breaker. 2,129,892; Sept. 13.
- Vatter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Manufacturing vacuum vessels. 2,133,492; Oct. 18.
- Vatter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electric discharge vessel. 2,137,069; Nov. 15.
- Vatter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Applying metallic coatings to ceramic bodies. 2,139,431; Dec. 6.
- Vaughan, Bessie L., Joplin, Mo. Yarn holder. 2,112,721; Mar. 29.
- Vaughan, Frank P., A. G. Krueger, and N. J. Slye, assignors to Bay West Paper Company, Green Bay, Wis. Dispenser for paper articles. 2,139,339; Dec. 6.
- Vaughan, John R., Belmont, Mass. Game and practice apparatus. 2,121,750; June 21.
- Vaughan Motor Company. (See Weiss, Samuel, assignor.)
- Vaughan, Victor G., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Gas burner control system. 2,125,473; Aug. 2.
- Vaughan, Victor G., Attleboro, Mass., and E. K. Clark, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal motor protective device. 2,134,540; Oct. 25.
- Vaughan, William, assignor of one-half to Aircraft Specialties, Inc., Lapeer, Mich. Piston ring groove cleaner. 2,124,757; July 26.
- Vaughan, William H., Rodessa, La., assignor to Tide Water Associated Oil Company, Tulsa, Okla., and Seaboard Oil Company of Delaware, Dallas, Tex. High pressure gas process. 2,133,774; Oct. 18.
- Vaughen, John V., (See Lazier, W. A., and Vaughen.)
- Vaughen, John V., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal cleaning and pickling. 2,127,147; Aug. 16.
- Vaughn, Frank J., assignor of one-fourth to J. R. Vaughn, Erie, Pa. Lathe type milling machine. 2,128,625; Aug. 30.
- Vaughn, Harold G., assignor to The Ohio Corrugating Company, Warren, Ohio. Container. 2,121,842; June 28.
- Vaughn, Harold G., assignor to The Ohio Corrugating Company, Warren, Ohio. Sealing means. 2,121,843; June 28.
- Vaughn, James R. (See Vaughn, Frank J., assignor.)
- Vaughn, John I., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,111,329; Mar. 15.
- Vaughn, Sidney P., San Diego, Calif. Wringing screen. 2,114,891; Apr. 19.
- Vaughn, Sidney P., San Diego, Calif. Method and apparatus for attaching compressible cleaning materials to holders or backings. 2,114,892; Apr. 19.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Rotating wing system. 2,115,754; May 3.
- Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Purification of esters of inorganic acids. 2,114,866; Apr. 19.
- Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Purification of metals. 2,123,617; July 12.
- Vaughn, Thomas H., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Manufacture of diiodoacetylene. 2,124,218; July 19.
- Vautier, Leon P. G. (See Lefebvre-Carnot, P., and Vautier.)
- Vautier, Leon P. G., St. Just des Marais, and C. Carnot, Paris, France, assignors to Societe Francaise de la Viscose, S. A. Porous material and making same. 2,116,611; May 10.
- Vautier, Leon P. G., Saint Just des Marais, and R. E. Fays, Villeurbanne, France, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and preparing same. 2,141,776; Dec. 27.
- Vaver, Harriet, administratrix. (See Vaver, Walter.)
- Vaver, Walter, deceased, Cicero, assignor of one-half to B. A. Totzlaff, Riverside, Ill.; H. Vaver administratrix. Gun sight. 2,105,564; Jan. 18.
- Vaver, Walter, deceased, Cicero, assignor of one-half to B. A. Totzlaff, Riverside, Ill.; H. Vaver, administratrix. Gun sight. 2,115,184; Apr. 26.
- Vavrik, Louis, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Supporting frame for gliders or the like. 2,120,382; June 14.
- Vavrik, Louis, Rossford, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glide frame structure. 2,123,345; July 12.
- Vayda, Louis L., Aspinwall, Pa. Process and apparatus for analyzing gas. 2,106,777; Feb. 1.
- Vea, Norman D., Dover, Ohio, assignor to Knapp Monarch Company, St. Louis, Mo. Terminal post support and heel cover. 2,133,600; Oct. 18.
- Vench, George W., and J. L. Zitz, Red Hook, N. Y. Spray nozzle. 2,110,409; Mar. 8.
- Veal, Gentry, assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Apparatus for reproducing sound. 2,107,920; Feb. 8.
- Veatch, Collins, La Grange, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Water resistant zein composition. 2,134,769; Nov. 1.
- Vecchio, Orazio, Philadelphia, Pa. Clothes hanger. 2,122,305; June 28.
- Veco Corporation. (See Venzie, Frederick M., assignor.)
- Vecsey, William E., assignor to General Tire & Rubber Company, Akron, Ohio. Tire cord. 2,116,937; May 10.
- Vedder, Edwin H. (See Stoddard, R. N., and Vedder.)
- Vedder, Edwin H., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resistance welding current control. 2,111,013; Mar. 15.
- Vedder, Edwin H., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronizing apparatus. 2,111,014; Mar. 15.
- Vedder, Edwin H., Forest Hills, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit for phototube control of grid-glow tubes. 2,125,091; July 26.
- Vedder, Edwin H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Light-sensitive system. 2,140,373; Dec. 13.
- Vedoe, Anton M., Wollaston, Mass., assignor, by mesne assignments, to Robertshaw Thermostat Company, Youngwood, Pa. Oven regulator. 2,128,785; Aug. 30.
- Veeder, Curtis H., Hartford, Conn. Theodolite. 2,109,186; Feb. 22.
- Veeder-Root Incorporated. (See Bliss, H. N., and Wild, assignors.)
- Veeder-Root Incorporated. (See Wild, Edward, assignor.)
- Veenschoten, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Boiler system. 2,118,830; May 31.
- Veenstra, John, Detroit, Mich. Lifesaving device. 2,123,446; July 12.
- Vega Manufacturing Corporation. (See Ruben, Samuel, assignor.)
- Vegessy, John H., Elmhurst, Long Island, assignor to I. Miller & Sons, Inc., New York, N. Y. Protective cover for shoe lasts. 2,134,220; Oct. 25.
- Vehko, James. (See Westrope, F. J., and Vehko, assignors.)
- Veitch, Edward I., Piedmont, assignor, by mesne assignments, to Vogue Pin Company of California, Oakland, Calif. Hairpin. 2,106,417; Jan. 25.
- Veldown Company, Inc. (See Blosser, J. E., and Burke, assignors.)
- Velepec, Rudolph J., assignor to Upson Brothers, Inc., Rochester, N. Y. Screw driver. 2,141,072; Dec. 20.
- Velscol Corporation. (See Hyman, Julius, assignor.)
- Velten, Hubert J. (See Ziebold, H., and Velten.)
- Velvet Power Brake Company. (See Brown, Jesse B., assignor.)
- Velz, Clarence J., Watchung, N. J. Treatment of water and sewage. 2,128,569; Aug. 30.
- Venable, Henry G., San Antonio, Tex. Boiler water composition. 2,111,684; Mar. 22.
- Venable, William H., assignor to Blaw-Knox Corporation, Pittsburgh, Pa. Weighing apparatus. 2,130,821; Sept. 20.
- Venables, James G., assignor to R. C. Hoffman, trading as York Bar Bell Company, York, Pa. Exercising device. 2,114,790; Apr. 19.
- Vendope, Van L., assignor of thirty three and one-third per cent to R. Burdick, and thirty three and one-third per cent to A. S. Baron, Dallas, Tex. Bracket. 2,134,270; Oct. 25.
- Venediger, Herbert J., assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Two-stroke internal combustion engine. 2,114,582; Apr. 19.
- Venediger, Herbert J., assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Two-stroke internal combustion engine. 2,115,657; Apr. 26.
- Venetta, John. (See Baughman, J., and Venetta.)
- Venis, Adolph. (See Busse, E., van der Mark and Venis.)
- Vennore, James A. J., London, England. Carrying golf clubs. 2,128,546; Aug. 30.
- Venn-Severin Machine Co. (See Severin, Frank W., assignor.)
- Venmer, Clarence H., Jr. (See Cortez, Joseph, assignor.)
- Venner, William, New York, N. Y. Ornamental display material. 2,121,374; June 21.
- Venosta, Giuseppe, assignor to Societa Italiana Pirelli, Milan, Italy. Composite pneumatic tire. 2,127,075; Aug. 16.
- Vent Lux Limited. (See Simon, Lester S., assignor.)
- Ventola, James, Kansas City, Mo. Shoe stretcher. 2,116,917; May 10.
- Venton, W. L. (See Shaftuck, Earl R., assignor.)
- Ventures Limited. (See Hubler, W. G., and Archibald, assignors.)
- Venus Corporation. (See Schnalltacher, Herman, assignor.)
- Venzke, Frederick M., Philadelphia, Pa., assignor to Veco Corporation. Builder's clip. 2,118,243; May 24.
- Venzke, Frederick M., Philadelphia, Pa., assignor to Veco Corporation. Building construction. 2,141,888; Dec. 27.



- Venzke, George F., Minneapolis, Minn. Bedspring. 2,129,251; Sept. 6.
- Veracol Film Syndicate Limited, The, et al. (See Murray, H. D., and Spencer, assignors.)
- Verbeek, Arnold F., Oberlungwitz, Germany, assignor to Kalio Inc., New York, N. Y. Hosiery fabric. 2,111,255; Mar. 15.
- Verbeek, Arnold F., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Carrier rod driving mechanism. 2,119,613; June 7.
- Verbridge, Abram J., West Williamson, N. Y. Target. 2,112,001; Mar. 22.
- Verburg, Neil, et al. (See State, J. C., and Mairson, assignors.)
- Verderber, Joseph, Cleveland, and E. F. Batterman, East Cleveland, Ohio. Spindle head. 2,113,751; Apr. 12.
- Verderber, Joseph, Cleveland, and E. F. Batterman, East Cleveland, Ohio. Spindle head. 2,114,039; Apr. 12.
- Verdier, Paul, San Francisco, Calif. Hosiery measuring device. 2,110,895; Mar. 15.
- Verdier, Paul, San Francisco, Calif. Hosiery calculator. 2,125,530; Aug. 2.
- Vereinigte Chemische Fabrieken zu Leopoldshall. (See Fink, C. G., and Deren, assignors.)
- Vereinigte Deutsch Metallwerke A.-G., Zweigniederlassung Suddeutsche Metallindustrie. (See Metzger, Otto, assignor.)
- Vereinigte Deutsche Metallwerke Aktiengesellschaft. (See Zeidler, Ernst, assignor.)
- Vereinigte Deutsche Metallwerke Aktiengesellschaft et al. (See von Forster, Hermann, assignor.)
- Vereinigte Leichtmetallwerke G. m. b. H. (See Stockmar, Otto, assignor.)
- Vereinigte Stahlwerke, Aktiengesellschaft. (See Bühler, Hans, assignor.)
- Ve Relle, William H., Philadelphia, Pa. Necktie. 2,133,169; Oct. 11.
- Vergobbi, John G., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton forming machine. 2,121,135; June 21.
- Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,107,842; Feb. 8.
- Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Joint construction. 2,114,617; Apr. 19.
- Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Window construction. 2,122,666; July 5.
- Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,126,231; Aug. 9.
- Verkins, Robert H., Minneapolis, Minn. Automatic radio program selector. 2,130,164; Sept. 13.
- Vermeulen, Roelof, and A. T. Van Urk, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electromagnetic device and making same. 2,108,275; Feb. 15.
- Vermillion, Charles I., et al. (See Vermillion, William O., assignor.)
- Vermillion, James E., et al. (See Vermillion, William O., assignor.)
- Vermillion, William O., assignor of twenty per cent to J. E. Vermillion, ten per cent to W. L. Conner, seventeen and one-half per cent to W. L. Conner, seven and one-half per cent to C. B. Cochran, and two and one-half per cent to H. C. Copledge, Hobbs, N. Mex., and five per cent to C. I. Vermillion, Loveland, Tex. Mud mixer and equalizer. 2,118,908; May 31.
- Vermont Marble Company. (See Briant, R. C., and Bain, assignors.)
- Vernam, Gilbert S. (See Clokey, A. A., and Vernam.)
- Vernay Patents Company. (See Vernet, Sergius, assignor.)
- Vernet, Sergius, New York, N. Y., assignor to Vernay Patents Company, Dover, Del. Thermostat. 2,115,501; Apr. 26.
- Vernet, Sergius, New York, N. Y., assignor to Vernay Patents Company, Dover, Del. Thermostat. 2,115,502; Apr. 26.
- Vernet, Sergius, assignor to Vernay Patents Company, Yellow Springs, Ohio. Control device and actuating means therefor. 2,128,274; Aug. 30.
- Verney, Louis A., assignor to Societe Centrale de Chemins de Fer & d'Entreprises, Paris, France. Vehicle coupling device. 2,134,628; Oct. 25.
- Vernon, Clarence C., assignor to University of Louisville, Louisville, Ky. Hydroxy-alkyl ethers of phenyl phenols. 2,140,824; Dec. 20.
- Vernon, General G., and A. J. Greenfield, Happy, Tex. Hydraulic transmission. 2,131,910; Oct. 4.
- Vernon, General G., and A. J. Greenfield, Happy, Tex. Hydraulic transmission for converting rotary into reciprocating motion. 2,136,986; Nov. 15.
- Vernon, Miles H., et al. (See Quick, Raymond B., assignor.)
- Ver Planck, Dennistoun W., New Haven, Conn., and J. W. Seaman, Upper Darby, Pa., assignors to General Electric Company. Circuit breaker. 2,133,158; Oct. 11.
- Verrall, Victor E., Upper Providence Township, Delaware County, Pa., assignor to General Electric Company. Electroresponsive device. 2,110,686; Mar. 8.
- Verre, John, Los Angeles, Calif. Sunglass. 2,139,213; Dec. 6.
- Verrinder, Ernest A. (See Stevens, B. D., Dudley, and Verrinder.)
- Verschoor, Charles A., assignor to International Radio Corporation, Ann Arbor, Mich. Photographic enlarger. 2,133,218; Oct. 11.
- Verschragen, Herman P., Arnheim, Netherlands, assignor to American Enka Corporation, Enka, N. C. Repairing spinnerets. 2,115,403; Apr. 26.
- Versoy, Irving R. (See Loeffel, L. H., and Versoy.)
- Vesce, Vincent, Forest Hills, Long Island, assignor to Harmon Color Works, Inc., Brooklyn, N. Y. Making dry, free-running pigment powders. 2,138,048; Nov. 29.
- Vesce, Vincent C., New York, assignor to Harmon Color Works, Inc., Brooklyn, N. Y. Drying pigments. 2,138,049; Nov. 29.
- Vesely, Karel, Pilsen, Czechoslovakia. Button in two parts. 2,136,161; Nov. 8.
- Vest, Berford C., Llano, Tex. Geometrical instrument. 2,118,747; May 24.
- Vesterdal, Hans G. (See Fulton, S. C., and Vesterdal.)
- Vesterdal, Hans G. (See Wiezevich, P. J., and Vesterdal.)
- Vetrano, Leon J. (See Sproull, C. W., and Vetrano.)
- Vetrano, Leon J., Houston, Tex. Coupling. 2,112,352; Mar. 29.
- Vezina, Raoul J., Springfield, Mass. Showcase. 2,104,214; Jan. 4.
- Viber Company. (See Jorgensen, Enoch B., assignor.)
- Vicé, Herman S., Chicago, Ill. Optical drawing device. 2,111,198; Mar. 15.
- Vick, Carl R., Decorah, Iowa. Power translating mechanism. 2,118,955; May 31.
- Vick Chemical Company. (See Chase, Kenneth N., assignor.)
- Vick Chemical Company. (See Wright, John H., assignor.)
- Vickers-Armstrong Limited. (See Higson, Percy R., assignor.)
- Vickers-Armstrongs Limited. (See Larsson, Carl A., assignor.)
- Vickers-Armstrongs Limited. (See Larsson, C. A., and Higson, assignors.)
- Vickers-Armstrongs Limited. (See Parker, Lionel D., assignor.)
- Vickers (Aviation) Limited. (See Wallis, Barnes N., assignor.)
- Vickers, Carroll B., Kenmore, N. Y. Power distributing and equalizer means. 2,114,091; Apr. 12.
- Vickers, Harry F., Detroit, Mich. Hydraulic hoisting unit and control system therefor. 2,104,780; Jan. 11.
- Vickers, Harry F., Detroit, Mich. Hydraulic power transmission and control. 2,138,050; Nov. 29.
- Vickers, Harry F., Detroit, Mich. Viscosity compensating device. 2,139,050; Dec. 6.
- Vickers, Richard N. (See Kniss, F. C., and Vickers.)
- Victor Adding Machine Company. (See Garbell, Max, assignor.)
- Victor Adding Machine Company. (See Williams, John H., assignor.)
- Victor, Alexander F., New York, N. Y. Safety device for projectors. 2,120,476; June 14.
- Victor, Benjamin J. (See Victor, John H. and B. J.)
- Victor Chemical Works. (See Knox, W. H., Jr., and Miller, assignors.)
- Victor Chemical Works. (See Woodstock, Willard H., assignor.)
- Victor, John H., Wilmette, and B. J. Victor, Oak Park, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Coated all-metal gasket. 2,127,372; Aug. 16.
- Victor, John H., Wilmette, and J. B. Victor, Oak Park, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Laminated metal and asbestos gasket. 2,130,110; Sept. 13.
- Victor, Joseph B. (See Victor, John H. and J. B.)
- Victor Manufacturing & Gasket Company. (See Heinze, William A., assignor.)
- Victor Manufacturing & Gasket Company. (See Peterson, Ruben O., assignor.)
- Victor Manufacturing & Gasket Company. (See Victor, John H. and B. J., assignors.)
- Victor Manufacturing & Gasket Company. (See Victor, John H. and J. B., assignors.)
- Victor Metal Products Corporation. (See Prussing, Walter, assignor.)
- Victor Metal Products Corporation. (See Temple, George W., assignor.)
- Victor Products Corp. (See Schroeder, William F., assignor.)
- Victory Fireworks and Specialty Company. (See Anderson, R. J., assignor.)
- Victory Fireworks and Specialty Co. (See Hartman, Louis R., assignor.)
- Vidalle, Rene M., Port Washington, assignor to Preferred Utilities Company, Inc., New York, N. Y. Draft regulator. 2,135,130; Nov. 1.
- Vidalle, Rene M., Port Washington, assignor to Preferred Utilities Company, Inc., New York, N. Y. Oil burner. 2,137,960; Nov. 22.
- Vidayer, Maxwell, New York, N. Y. Electric toaster. 2,114,000; Apr. 12.
- Vidrio Products Corporation. (See Goldblatt, H. J., and Kessel, assignors.)



- Viehmann, John C., Flushing, N. Y. Extension leaf table. 2,139,140; Dec. 6.
- Viens, Arthur E., Hartford, Conn. Loose leaf binder. 2,129,799; Sept. 13.
- Viers, Eugene D., and B. C. Case, assignors to Eaton Detroit Metal Company, Cleveland, Ohio. Electroplating. 2,119,304; May 31.
- Vieweg, Hermann F., Highland Park, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Apparatus and method for making mineral wool. 2,110,280; Mar. 8.
- Vigers, Brian E. A., Dunstable, and J. L. McCowen, Northwich, England, assignors to Imperial Chemical Industries Limited. Apparatus for high-vacuum distillation. 2,137,553; Nov. 22.
- Vigne, Albert, Webster Groves, assignor to National Bearing Metals Corporation, St. Louis, Mo. Oil and dust seal for journal boxes. 2,105,871; Jan. 18.
- Vigne, Albert, Webster Groves, assignor to National Bearing Metals Corporation, St. Louis, Mo. Disk drive for journal bearings. 2,113,039; Apr. 5.
- Vigne, Albert, Webster Groves, assignor to National Bearing Metals Corporation, St. Louis, Mo. Disk drive for journal bearings. 2,125,757; Aug. 2.
- Vigren, Sten D., Stockholm, Sweden, and H. Rost, Mexico, D. F., Mexico. Arrangement relating to telephone, telegraph, and signal systems. 2,118,279; May 24.
- Viguerie, Arthur C., Jr., Pasadena, Tex. Combined spring and steering mechanism. 2,123,388; July 12.
- Viking Air Conditioning Corporation. (See Levy, M. I., and Bennekamper, assignors.)
- Viking Engineering Company. (See Christianson, Erling, assignor.)
- Viking Pump Company. (See Petersen, Peter C., assignor.)
- Vila, Heriberto A., New York, N. Y. Spark plug. 2,135,297; Nov. 1.
- Villerup, Chris J., Glasgow, Mont. Tractor truck loader. 2,109,440; Feb. 22.
- Vilsmeier, Anton. (See Neresheimer, H., Held, and Vilsmeier.)
- Vilsmeier, Anton. (See Neresheimer, H., Vilsmeier, and Heymann.)
- Vilter Manufacturing Company, The. (See Baars, Ernst S. H., assignor.)
- Vimeux, Léon, St.-Ouen, France. Mechanical propulsion toy-vehicle. 2,107,722; Feb. 8.
- Vincent, Charles. (See Lempereur, M., and Vincent.)
- Vincent, George P., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,108,976; Feb. 22.
- Vincent, George P., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching method. 2,129,719; Sept. 13.
- Vincent, James A., Providence, R. I. Battery condition indicator. 2,124,266; July 19.
- Vincent, James E., Johnstown, Pa. Pressure regulator. 2,115,512; Apr. 26.
- Vincent, Jesse G., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,138,463; Nov. 29.
- Vincent, Russell S., assignor to Callender's Cable and Construction Company, Limited, London, England. Manufacture of electric cables. 2,139,051; Dec. 6.
- Vincent, William J., Cardiff, Wales. Sparking plug. 2,130,208; Sept. 13.
- Vincent, William J., assignor to Rochester Telephone Corporation, Rochester, N. Y. Telephone system. 2,108,909; Feb. 22.
- Vincenti, Edward, Valletta, Malta. Shock absorber. 2,140,252; Dec. 13.
- Vincke, Enrique, Palamos, Spain, assignor to H. H. Straus, New York, N. Y. Machine for cutting continuous lengths of rubber threads. 2,121,062; June 21.
- Vinette, George H. (See Campbell, H. A., and Vinette.)
- Vingerhoets, Antonius W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for automatic interruption of radiation. 2,122,222; June 28.
- Vinson, Elmer E., San Francisco, Calif. Pumping system. 2,129,292; Sept. 6.
- Vinson, Harold S. (See Mace, Charles E., assignor.)
- Vint, Wyndham T. (See Parkinson, E. H., Gardner, and Vint.)
- Violette, Richard J., Virginia, Minn. Resilient closure. 2,105,709; Jan. 18.
- Virk, Paul, and M. Schulze, Wolfen, Kreis Bitterfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacture of arylaminonaphthalene derivatives. 2,113,146; Apr. 5.
- Viscose Development Company Limited, The. (See Swanell, Frederick, assignor.)
- Vistalaco, Aniceto R., New York, N. Y. Hair curler. 2,132,500; Oct. 11.
- Visking Corporation, The. (See Hensel, Henry A., assignor.)
- Visking Corporation. (See Molin, Louis A., assignor.)
- Visking Corporation, The. (See Schnecko, O., and Parth, assignors.)
- Visking Corporation, The. (See Smith, John P., assignor.)
- Visman, Jenn, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Molding tubular members. 2,130,254; Sept. 13.
- Vissac, Gustave A., Calgary, Alberta, Canada. Drying and treating wet granular materials. 2,136,870; Nov. 15.
- Vissac, Gustave A., Calgary, Alberta, Canada. Pulsating jig. 2,138,315; Nov. 29.
- Visser, John, Grand Rapids, assignor to F. L. Jacobs Co., Detroit, Mich. Finishing. 2,141,496; Dec. 27.
- Visser, Regnerus J. I., Amsterdam, Netherlands. Hydraulic shock absorber. 2,128,626; Aug. 30.
- Visser't Hooft, Franciscus, assignor to Lucidol Corporation, Buffalo, N. Y. Printing process. 2,109,774; Mar. 1.
- Visura Treuhand Gesellschaft. (See Gutzéit, Grégoire, assignor.)
- Vitachrome, Inc. (See Jenking, A. C., and Beck, assignors.)
- Vital, John H., New Orleans, La. Decoking and refining apparatus. 2,123,490; July 12.
- Vittum, Paul W., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Fine grain photographic developer. 2,113,312; Apr. 5.
- Vivaudou, Jean E., New York, N. Y. Electric eye rifle. 2,139,530; Dec. 6.
- Vivian, Donald L., and H. L. Haller, Washington, D. C., dedicated to the free use of the People of the United States. Insecticide. 2,110,614; Mar. 8.
- Vivian, Donald L., and H. L. J. Haller, Washington, D. C.; dedicated to the free use of the Public in the territory of the United States of America. Insecticide. 2,110,896; Mar. 15.
- Vivian, Donald L., and H. L. J. Haller, Washington, D. C.; dedicated to the free use of the Public in the territory of the United States of America. Insecticide. 2,110,897; Mar. 15.
- Vivian, Donald L., and H. L. J. Haller, Washington, D. C.; dedicated to the free use of the public in the territory of the United States of America. Insecticide. 2,111,879; Mar. 22.
- Vivian Manufacturing Company. (See Hosselkus, Bert C.)
- Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Welting and shoemaking therewith. 2,119,801; June 7.
- Vobach, Arnold C., Whiting, and M. Fairlie, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y. Lubricant demetallizer. 2,105,851; Jan. 18.
- Vock, William A., Long Beach, Calif. Kelly bushing. 2,140,659; Dec. 20.
- Vodinelich, Anton, South St. Paul, Minn. Cover for cooking utensils. 2,126,518; Aug. 9.
- Voegli, Henry E., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Metal wall facing. 2,128,976; Sept. 6.
- Voegle, Joseph A. G. (See Köhler, Willy, assignor.)
- Voekeli, Henry E., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Roof and wall covering. 2,125,363; Aug. 2.
- Voelkel, Walter, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Electrolytic production of ammonium perphosphate in solid form. 2,135,545; Nov. 8.
- Voelker, Earl V., assignor to S. M. Laboratories, Inc., Seattle, Wash. Preparing colloidal compounds of silver and mercury. 2,132,886; Oct. 11.
- Voelker, Fred, Astoria, N. Y. Umbrella cover. 2,105,172; Jan. 11.
- Vogan, John W., Alvin, Tex. Double pressure interdental wedge gum massager. 2,112,184; Mar. 22.
- Vogel, Ernst, Stockerau, Austria. Electromotor. 2,120,914; June 14.
- Vogel, Fred J., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer cooling system. 2,125,138; July 26.
- Vogel, Friedrich. (See Zorn, W., Voegel, and Wolter.)
- Vogel, Friedrich, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of granular fertilizers. 2,140,340; Dec. 13.
- Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Cement manufacture. 2,111,517; Mar. 15.
- Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Producing colored asbestos-cement products. 2,123,028; July 5.
- Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Treatment of solid material with gaseous media. 2,123,593; July 12.
- Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Conveyor control. 2,124,018; July 19.
- Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Kiln. 2,136,174; Nov. 8.
- Vogel, Joseph A., Wilmington, Del. Frostproof hydrant. 2,109,187; Feb. 22.
- Vogel, Joseph A., Company. (See Barnard, Daniel P., Jr., assignor.)
- Vogel, Julius, Chicago, Ill. Forming intersections for joining structural members. 2,126,519; Aug. 9.
- Vogel, Leo J., Pittsburgh, Pa. Monocable aerial tramway system. 2,116,226; May 3.
- Vogel, Max., Bridgport, Conn. Producing a staple strip. 2,125,211; July 26.
- Vogel, Max., Frankfurt on the Main, Germany. Envelope. 2,128,196; Aug. 23.



- Vogel, Max, Frankfort-on-the-Main, Germany. Combined letter sheet and envelope. 2,128,275; Aug. 30.
- Vogel, Max, Frankfort-on-the-Main, Germany. Producing wire staples. 2,128,443; Aug. 30.
- Vogel-Peterson Co. Inc. (See Magnuson, Raymond A., assignor.)
- Vogel, Ralph B. (See Moore, H. E., and Vogel.)
- Vogel, Rudolf, Cambridge, Mass. Staple strip. 2,137,467; Nov. 22.
- Vogel, William M., Bloomfield, N. J. Spraying device. 2,123,029; July 5.
- Vogel, William M., Bloomfield, N. J. Filling and closing cans. 2,124,959; July 26.
- Vogel, William M., Bloomfield, N. J. Spraying device. 2,134,899; Nov. 1.
- Vogel, William W., Willard, Ohio. Cartridge holder. 2,137,680; Nov. 22.
- Vogelbusch, Wilhelm, Vienna, Austria. Apparatus and process for aerating wort in yeast production. 2,121,458; June 21.
- Vogele, Edward A., et al. (See Hart, Herbert M., assignor.)
- Vogelsong, C. C., et al. (See Blalock, Eugene M., assignor.)
- Voggenthaler, Albert L. (See Boileau, A. H., and Voggenthaler.)
- Vogl, Karl. (See Müller, H., Vogl, and Sorg.)
- Vogl, Karl. (See Müller, H., Vogl, and Wich.)
- Vogt, Arthur H., Aurora, Ill. Toy parachute. 2,126,156; Aug. 9.
- Vogt, Carl W., and G. A. Humason, Houston, Tex. Tester. 2,107,655; Feb. 8.
- Vogt, Clarence, Wenonah, N. J. Wheel for roller skates. 2,136,831; Nov. 15.
- Vogt, Clarence W., Weston, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Method and apparatus for forming packages. 2,113,636; Apr. 12.
- Vogt, Clarence, Wenonah, N. J. Roller skate. 2,126,359; Aug. 9.
- Vogt, Clarence, Wenonah, N. J. Roller skate. 2,128,865; Aug. 30.
- Vogt, Hans. (See Engl, J., Massolle, and Vogt.)
- Vogt, Hans, Berlin-Dahlem, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. High frequency part. 2,127,241; Aug. 16.
- Vogt, Hans, Berlin-Steglitz, Germany, assignor to Micro Products Corporation, Hastings on Hudson, N. Y. Producing magnetic powder. 2,140,889; Dec. 20.
- Vogt, Hans, Berlin-Lichterfelde, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. Antenna coupling system. 2,141,573; Dec. 27.
- Vogt, Hans, Berlin-Steglitz, J. Massolle, Berlin-Glienicke, and J. Engl, Berlin-Charlottenburg, Germany, assignors, by mesne assignments, to America Tri-Ergon Corporation, New York, N. Y. Device for phonographs with linear phonogram carriers. Re. 20,621; Jan. 11.
- Vogt, Henry, Machine Co. (See Kaster, Rudolph E., assignor.)
- Vogt, Henry, Machine Co. Inc. (See Williams, Jesse D., Jr., assignor.)
- Vogt, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna counterpoise system. 2,112,547; Mar. 29.
- Vogt, Robert, Geneva, Ill. Faucet. 2,128,627; Aug. 30.
- Vogt, Wolfram. (See Huber, E., and Vogt.)
- Vogue Pin Company of California. (See Veitch, Edward I., assignor.)
- Vohrer, Herbert, Berlin, Germany. Producing elastic objects from polyvinyl alcohols. 2,127,896; Aug. 23.
- Vohrer, Herbert, assignor to the firms Techno Chemie Kommanditgesellschaft Kessler & Co., Berlin, and Dr. Schnabel & Co., Komm.-Ges., Berlin-Neukölln, Germany. Production of elastic objects from polyvinyl alcohol. 2,138,751; Nov. 29.
- Voice, Ernest W., London, assignor to The Gas Light & Coke Company, Westminster, London, England. Catalytic lighter for gas burners. 2,113,064; Apr. 5.
- Voight, August L. (See Bloch, Leon, assignor.)
- Voight, George F., Oakland, Calif. Eraser. 2,136,093; Nov. 8.
- Voigt, Alexander E., Topeka, Kans. Air distributing system. 2,113,670; Apr. 12.
- Voigt, Alexander E., Topeka, Kans. Air filter for railroad cars. 2,136,065; Nov. 8.
- Voigt, Wilhelm, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Film projecting apparatus. 2,137,070; Nov. 15.
- Voigt, Willi, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Rod antenna for short waves. 2,119,692; June 7.
- Voigtlander & Sohn Aktiengesellschaft. (See Barényi, Árpád, assignor.)
- Voightländer & Sohn Aktiengesellschaft. (See Pritschow, K., and Doppeide, assignors.)
- Voiles, Frank A., Chicago, Ill. Internal combustion engine. 2,127,016; Aug. 16.
- Volt, William J., Los Angeles, Calif. Making balls. 2,127,487; Aug. 16.
- Voith, J. M. (See Hacker, O. H., and Seibold, assignors.)
- Voith, J. M. (See Umlauf, Karl, assignor.)
- Völkel, Leopold, Blankensee, assignor to C. H. F. Müller Aktiengesellschaft, Hamburg, Germany. High tension discharge vessel. 2,125,700; Aug. 2.
- Volcanic Products Corporation. (See Stromberg, John A., assignor.)
- Voick, William H., Watsonville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Insecticidal oil composition. 2,109,095; Feb. 22.
- Voick, William H., Watsonville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Insecticidal oil compositions. 2,134,158; Oct. 25.
- Voick, William H., Watsonville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Tobacco insecticide and making same. 2,139,340; Dec. 6.
- Volf, Christian A., assignor to C. W. Sinn, New York, N. Y. Transmitter. 2,118,993; May 31.
- Volk, Joseph A., St. Louis, Mo. Speaker baffle ball. 2,138,717; Nov. 29.
- Volk, Joseph A., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Phonograph. 2,106,778; Feb. 1.
- Völkel, Werner. (See Johannsen, F., and Völkel.)
- Vollenbroich, Theodor, Remscheid-Lennep, assignor to Barmer Maschinenfabrik, Aktiengesellschaft, Wuppertal-Aberbarmen, Germany. Gear pump especially for artificial silk spinning machines. 2,113,147; Apr. 5.
- Vollenweider, Charles W. (See Baird, Warren W., assignor.)
- Vollmann, Heinrich, Frankfort-on-the-Main, and H. Becker, Hofheim-on-the-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polycyclic compounds from chrysene and preparing them. 2,126,360; Aug. 9.
- Vollmann, Heinrich, Frankfort-on-the-Main-Hochst, and H. Becker, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polycyclic aromatic aldehydes and carboxylic acids and preparing them. 2,127,096; Aug. 16.
- Vollmann, Heinrich, Frankfort-on-the-Main-Hochst, and H. Becker, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chrysene carboxylic acids and preparing them. 2,128,684; Aug. 30.
- Vollmer, Walter G. (See Holhut, M., and Vollmer.)
- Vollmer, Walter G., assignor to H & H Machine & Motor Parts Co., St. Louis, Mo. Motor-block stand. 2,106,367; Jan. 25.
- Vollmer, William E., Reading, Pa. Hoist. 2,133,910; Oct. 18.
- Vollrath, Harold B., Bronxville, N. Y. Chemical apparatus. 2,122,187; June 28.
- Vollrath, Harold B., Bronxville, N. Y. Manufacturing viscose. 2,122,188; June 28.
- Volmer, Prof. Dr. Max. (See Silberstein, Isidor, assignor.)
- Volpe, Nicholas, Fitchburg, Mass. Adjustable screen. 2,129,541; Sept. 6.
- Volter, Louis A., et al. (See Cohn, Adolph H., assignor.)
- Volume Sprayer Mfg. Co. (See Patterson, Joseph W., assignor.)
- Volwiler, Ernest H., Highland Park, and M. B. Moore, Waukegan, assignors to Abbott Laboratories, North Chicago, Ill. Aliphatic amine salts of cevitic acid. 2,132,662; Oct. 11.
- Volz, Anton, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to Hall Laboratories Inc., Pittsburgh, Pa. Furling or felting wool or hair. 2,130,570; Sept. 20.
- Volz, Rudolf F., A. Horowitz, and A. J. W. De Groot, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Radio control device. 2,122,306; June 28.
- Vom Braucke, Adolf, Berge, Germany. Manufacture of sheets, bands, tubes, rods, and the like, and in particular wire. 2,121,415; June 21.
- Von Ardenne, Manfred, Berlin, Germany, assignor, by mesne assignments, to Radio Corporation of America. Cathode ray device. 2,108,091; Feb. 15.
- Von Ardenne, Manfred, Berlin-Lichterfelde-Ost, Germany, assignor to Radio Patents Corporation, New York, N. Y. Recording device. 2,111,231; Mar. 15.
- Von Ardenne, Manfred, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television process. 2,112,684; Mar. 29.
- Von Ardenne, Manfred, Berlin, Germany, assignor, by mesne assignments, to Radio Corporation of America. Cathode ray tube. 2,115,093; Apr. 26.
- Von Ardenne, Manfred, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television method. 2,131,203; Sept. 27.
- Von Arx, Rudolf, Berlin-Wilmersdorf, Germany. Mordant dye image and producing the same. 2,118,877; May 31.
- Von Baßsen, Hans, Nowaves, near Potsdam, Germany. Stethoscope. 2,115,478; Apr. 26.
- Von Behren, Edward E., St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety control brake. 2,121,555; June 21.
- Von Bon Horst, Earl, San Clemente, Calif. Air-cooled safety tire. 2,127,052; Aug. 16.
- Von Brun, Carmen, born Buell, Berlin, Germany. Making of artificial flowers. 2,130,209; Sept. 13.
- Von Buddenbrock, Rudolf F. (See Haack, E., and von Buddenbrock, assignors.)
- Von Bülzingslöwen, Bruno, New York, N. Y. Closure. 2,112,125; Mar. 22.



- Von Collas, Hans E., Brunswick, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Arrangement for modulating high frequency oscillations. 2,130,381; Sept. 20.
- Von der Emde, Wilhelm, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Apparatus for treating gases or vapors with liquids. 2,137,735; Nov. 22.
- Von der Ohe, August H., La Crosse, Wis. Case cart or truck. 2,123,669; July 12.
- Von Dollen, Harold M., Omaha, Nebr. Movable tab for file wrappers. 2,122,223; June 28.
- Von Forster, Hermann, Frankfurt-on-the-Main, assignor of one-half to A. Tross, Berlin-Steglitz, and one-half to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Stay-bolt of clad metal and manufacturing same. 2,115,200; Apr. 26.
- Von Friedrich, Charles, assignor, by mesne assignments, to J. P. Rostan, Valdece, N. C. Producing fermenting agent. 2,116,482; May 3.
- Von Funcke, Hans-Normann. (See Asmussen, H., and von Funcke.)
- Von Gernet, Hans J. M., Pretoria, Union of South Africa. Gravity impact roller mill. 2,118,628; May 24.
- Von Giesche's, Georg Erben. (See Ostermann, Friedrich, assignor.)
- Von Girsewald, Conway B., Wolfhart Siecke, and M. Wohlwill, Frankfurt-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Sulphuric acid process. 2,115,091; Apr. 26.
- Von Girsewald, Conway, Baron, H. Weidmann, and G. Roesner, Frankfurt-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Recovery of sulphur dioxide. 2,122,544; July 5.
- Von Gruber, Otto, assignor to the firm of Carl Zeiss, Jena, Germany. Stereophotogrammetric plotting apparatus. 2,121,081; June 21.
- Von Gruver-Rehenburg, Rudolf, and R. Stöbe, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Germany. Process and apparatus for treating lengths of material. 2,115,630; Apr. 26.
- Von Gunten, Edward G., Akron, Ohio. Steering wheel construction. 2,141,832; Dec. 27.
- Von Haase, George, Lakewood, assignor to The American Ship Building Company, Cleveland, Ohio. Stoker mechanism. 2,109,914; Mar. 1.
- Von Haken, Kurd, Berlin, Germany. Separation and gas treatment of gas-dust mixtures. 2,130,210; Sept. 13.
- Von Hamm Young Company. (See Bodge, Edward E., assignor.)
- Von Harten, John H., et al. (See McCarty, Roy C., assignor.)
- Von Heinrich, Friedrich, Budapest, Hungary. Device for drying prints, particularly copper prints. 2,127,217; Aug. 16.
- Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Transformer. 2,132,196; Oct. 4.
- Von Herrenburger, Franz. (See Roscher, A., and von Herrenburger.)
- Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Machine for applying labels. 2,119,371; May 31.
- Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Clutch. 2,123,030; July 5.
- Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Adhesive applying means. 2,131,606; Sept. 27.
- Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Variable speed drive. 2,134,159; Oct. 25.
- Von Hofe, George W., Bound Brook, N. J., and B. D. Dans, Brooklyn, N. Y., assignors to New Jersey Machine Corporation, Hoboken, N. J. Elevating mechanism. 2,108,628; Feb. 15.
- Von Holtz, Charles T., assignor to H. Hubbell, Incorporated, Bridgeport, Conn. Waterproof rubber covering for cord connector. 2,127,544; Aug. 23.
- Von Issendorff, Jürgen, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrode arrangement. 2,130,845; Sept. 20.
- Von Klenck, Jürgen. (See Nusslein, J., and von Klenck.)
- Von Kohorn zu Kornegg, Oscar F., Chemnitz, Germany. Manufacture of artificial staple fibers. 2,134,160; Oct. 25.
- Von Kramollin, Leon L., Berlin-Wilmersdorf, Germany. Controlling gas filled tubes. 2,104,533; Jan. 4.
- Von Latscher-Latka, Eric, and A. Schmidt, assignors to Oesterreichische Aga-Werke Aktien-Gesellschaft, Vienna, Austria. Adapter for practicing firing. 2,110,500; Mar. 8.
- Von Lendenfeld, Paul. (See Zervas, P., and von Lendenfeld.)
- Von Mantuffel, Gert Z. (See Wunsch, G., and von Mantuffel.)
- Von Mantuffel, Gert Z. (See Schuchardt, H., and von Mantuffel.)
- Von Mantuffel, Gert Z., Berlin Dahlem, Germany, assignor to Askania Werke A. G. vormalis Centralwerkstatt Dessau und Carl Bamberg-Friedenau. Steering device. 2,104,627; Jan. 4.
- Von Mantuffel, Gert Z., Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. vormalis Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Direction maintaining means for use on dirigible craft. 2,126,935; Aug. 16.
- Von Mantuffel, Gert Z., Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. Control device. 2,128,682; Aug. 30.
- Von Mihály, Dénes, Berlin-Wilmersdorf, assignor to Telehor Aktien Gesellschaft, Berlin-Charlottenburg, Germany. Cinematographic television. 2,113,487; Apr. 5.
- Von Mihály, Dénes, Berlin-Wilmersdorf, assignor of six-tenths to the firm Julius Pintsch Aktiengesellschaft, Berlin, Germany. Mechanism for winding endless films. 2,115,503; Apr. 26.
- Von Mihály, Dénes, Berlin-Wilmersdorf, assignor to the firm Julius Pintsch Aktiengesellschaft, Berlin, Germany. Sound record. 2,123,323; July 12.
- Von Mihály, Dénes, Berlin-Wilmersdorf, assignor of six-tenths to the firm Julius Pintsch Aktiengesellschaft, Berlin, Germany. Apparatus for printing photographic sound records. 2,132,089; Oct. 4.
- Von Mutzenbecher, Paul. (See Bockmühl, M., Ludwig, and von Mutzenbecher.)
- Von Mutzenbecher, Paul. (See Lautenschläger, C. L., Ludwig, and von Mutzenbecher.)
- Von Nessen, Walter, New York, N. Y., assignor to A. H. Heisey & Company, Newark, Ohio. Handle for glass ware. 2,114,260; Apr. 12.
- Von Ohlsen, Louis H., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Speed control of motors. 2,134,900; Nov. 1.
- Von Opel, Fritz, Berlin-Charlottenburg, Germany. Automatically operated traffic control system. 2,126,431; Aug. 9.
- Von Opel, Fritz, Berlin-Charlottenburg, Germany. Automatic traffic control system. 2,126,432; Aug. 9.
- Von Pein, Edward J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Scale. 2,129,800; Sept. 13.
- Von Pein, Edward J., Endicott, N. Y., assignor to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,137,150; Nov. 15.
- Von Radinger, Rudolf. (See Fritz, K., and von Radinger.)
- Von Schantz, Gustaf S., Newton, Mass. Metal stair construction. 2,105,565; Jan. 18.
- Von Schweinitz, Hans D. G., Frankfurt-on-the-Main-Hochst, Germany, assignor, by mesne assignments, to the firm of Revortex, Ltd., London, England. Concentration of aqueous dispersions of rubber and similar rubber-like substances. 2,131,333; Sept. 27.
- Von Seebeck, George. (See Schuckbohm, Peter, assignor.)
- Von Seebeck, George, Syndicate Manager, of Duo Syndicate. (See Ballard, John R., assignor.)
- Von Segebaden, Ernst, Drottningholm, and B. Johnson, Alsten, assignors to Aktiebolaget Gerh. Årehus Mechaniska Verkstad, Stockholm, Sweden. Method of and apparatus for applying closure caps to receptacles. 2,108,932; Feb. 22.
- Von Shuckmann, Gustav. (See Normann, W., and von Shuckmann.)
- Von Stietz, George E. G., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Purification of sugar juices. 2,104,959; Jan. 11.
- Von Szeszich, Lajos, Frankfurt-on-the-Main, Germany. Apparatus for producing high quality carbon black. 2,128,440; Aug. 30.
- Von Thüngen, Hubert F., Friedrichshafen, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Germany. Measuring system for determining the efficiency of rotary motion transmitting devices by comparing torques. 2,126,157; Aug. 9.
- Von Thyssen-Bornemisza, Stephan B., The Hague, Netherlands. Gravitational instrument. 2,108,421; Feb. 15.
- Von Thyssen-Bornemisza, Stephan B., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Gravity measuring instrument. 2,141,628; Dec. 27.
- Von Thyssen-Bornemisza, Stephan Baron, The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Gravitational instrument. 2,132,865; Oct. 11.
- Von Till, Louis A., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap and package. 2,130,749; Sept. 20.
- Von Voigtlander, Frederick, assignor to Schwarze Electric Company, Adrian, Mich. Chime signal. 2,126,433; Aug. 9.
- Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Gravity feed control. 2,110,100; Mar. 1.
- Von Wedelstaedt, Wolff, Leipzig, Germany. Control for the movement of vehicle bodies. 2,117,720; June 21.
- Von Weinberg, Arthur, Frankfurt-on-the-Main, H. Rein, Bad Homburg V. D. H., and O. Eisenhut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Wool like artificial fibers and making same. 2,109,306; Feb. 22.
- Von Weinberg, Arthur, Frankfurt-on-the-Main, H. Rein, Bad Homburg V. D. H., and O. Eisenhut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Making wool like artificial fibers. 2,109,307; Feb. 22.
- Von Weise, Lewis E., et al., executors. (See Deschamps, Désiré J., assignor.)



- Von Werder, Fritz. (See Dalmer, O., and von Werder.)
- Von Wilmsowsky, Felix R., New York, N. Y. Apparatus for conditioning air. 2,109,019; Feb. 22.
- Von Zimmermann, Max K., Elkhart, Ind. Drawing board. 2,129,457; Sept. 6.
- Voogd, Maarten, Beverwijk, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Absorption of nitrogen oxides from gases. 2,110,431; Mar. 8.
- Voogd, Maarten, Pittsburg, Calif., assignor to Shell Development Company, San Francisco, Calif. Production of nitric acid. 2,132,663; Oct. 11.
- Voorhees, Daniel W., Jr., Peru, Ill. Pivotal axle for steel farm trucks. 2,114,133; Apr. 12.
- Voorhees, Daniel W., Jr., Peru, Ill. Wagon running gear. 2,116,566; Apr. 26.
- Voorhees, Daniel W., Peru, Ill. Steel farm truck channel iron reach. 2,135,227; Nov. 1.
- Voorhees, Laurence E., Washington, D. C. Weather and carpet strip. 2,108,459; Feb. 15.
- Voorhees, Leonard B., Euclid, assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,135,927; Nov. 8.
- Voorhees, Ralph S., Jr., Rochester, N. Y. Dental operating unit. 2,138,563; Nov. 29.
- Voorhees, Vanderveer. (See Price, R. H., and Voorhees.)
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Conversion of hydrocarbons. 2,116,773; May 10.
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Fueling system. 2,122,076; June 28.
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Dewaxing system. 2,127,708; Aug. 23.
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Moistureproof composition and preparation thereof. 2,132,711; Oct. 11.
- Voorheis, Joseph T., San Francisco, Calif. Burner construction. 2,132,521; Oct. 11.
- Vorech, Stephen. (See Eaton, W. A., and Vorech.)
- Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,132,090; Oct. 4.
- Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Control mechanism. 2,137,961; Nov. 22.
- Vorhies, Verl, Climax, Colo. Powder tool. 2,127,378; Aug. 16.
- Vortex Manufacturing Company. (See Goehler, Elmer E., assignor.)
- Vorwerk, Wilhelm, Wuppertal-Barmen, Germany. Antislip device for footwear. 2,116,956; May 10.
- Vos, Mauritz, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Artillery projectile. 2,137,598; Nov. 22.
- Vosbury, Kenneth S., Binghamton, N. Y. Glove testing device. 2,126,434; Aug. 9.
- Vose, Charles H., Collingswood, N. J., assignor to Radio Corporation of America. Recording material feed apparatus. 2,114,691; Apr. 19.
- Vose, Lewis S., Needham, assignor, by mesne assignments, to Crompton & Knowles Loom Works, Worcester, Mass. Automatic change-box loom. 2,126,064; Aug. 9.
- Vose, Lewis S., Needham, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multicolor shuttle changing loom. 2,126,065; Aug. 9.
- Vosler, Edward J. (See Elsey, G. W., Mumma, and Vosler.)
- Voss, Arthur. (See Asch, W., Janz, Pense, and Voss.)
- Voss, Arthur. (See Reppe, W., Starck, and Voss.)
- Voss, Arthur, Yonkers, assignor to Graef & Schmidt, Inc., New York, N. Y. Kitchen scissors. 2,131,395; Sept. 27.
- Voss, Arthur, K. Elfeld, and H. Freudenberger, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing polyvinyl esters. 2,109,981; Mar. 1.
- Voss, Arthur, Frankfurt-on-the-Main-Hochst, and H. Janz, Bad Soden in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Diaryl methane water-soluble condensation products. 2,126,232; Aug. 9.
- Voss, Arthur, and E. Dickhäuser, Frankfurt-on-the-Main-Hochst, W. Starck, Hofheim in Taunus, and K. Jochum, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Agent for sizing textile fibers and applying it. 2,133,125; Oct. 11.
- Voss, Edmund. (See Lobelle, M. J. O., and Voss.)
- Voss, Frieda, Chicago, Ill. Attachment for bird cages. 2,112,940; Apr. 5.
- Voss, Johann H. H., White Plains, N. Y. Ring plate valve. 2,124,323; July 19.
- Voss, John H. (See Lomax, C. E., and Voss.)
- Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,135,862; Nov. 8.
- Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Switching apparatus. 2,137,514; Nov. 22.
- Voss, Joseph A., Denver, Colo. Cotton cutting machine. 2,135,060; Nov. 1.
- Voss, Mildred, Houston, Tex. Attachment between brassiere and girdle. 2,126,591; Aug. 9.
- Voss, Walter C., The Hague, Netherlands. Money carrier. 2,137,429; Nov. 22.
- Voss, Walter K. (See Dietz, William C. F., assignor.)
- Voss, Walter K., Davenport, Iowa. Laundry machine. 2,133,234; Oct. 11.
- Voss, Walter K., Davenport, and N. L. Etten, Waterloo, Iowa; said Etten assignor to said Voss. Laundry machine. 2,133,233; Oct. 11.
- Votaw, Verling M. (See Coith, H. S., Richardson, and Votaw.)
- Votaw, Verling M. (See Richardson, A. S., Coith, and Votaw.)
- Voter, F. P., et al. (See Jeffrey, Carl J., assignor.)
- Vouch, Stephen J., and J. W. McNairy, Erie, Pa., assignors to General Electric Company. Braking system. 2,120,207; June 7.
- Vrane, Paul. (See Klemschowski, K., and Vrane.)
- Vredenburg, Edric W., Oakland, Calif. Automatic weighing scale. 2,112,977; Apr. 5.
- Vreeland, Frederick K., Montclair, N. J., Band carrier selector system. 2,134,677; Oct. 25.
- Vroom, Edward, Ossining, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective and alarm system. 2,115,152; Apr. 26.
- Vroom, Harold H., St. Lambert, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical control device. 2,130,147; Dec. 13.
- Vrooman, Edward C., Schenectady, N. Y., assignor to Locke Insulator Corporation, Baltimore, Md. Aerial cable support. 2,136,258; Nov. 8.
- Vrooman, William S. (See Pryale, H. M., Clark, and Vrooman.)
- Vroonen, Emile, Brussels, Belgium. Purification of molten metals. 2,128,444; Aug. 30.
- Vrtel, Joseph, assignor of one-half to F. Bartz, Buffalo, N. Y. Closure for containers. 2,114,482; Apr. 19.
- Vuilleumier, Albert, Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Dressing apparatus. 2,113,186; Apr. 5.
- Vuilleumier, Albert, Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Shearing mechanism and method. 2,136,831; Nov. 15.
- Vulcan Alloy Corporation. (See de Golyer, Anthony G., assignor.)
- Vulcan Copper & Supply Co., The. (See Wentworth, Theodore O., assignor.)
- Vulcan Corporation. (See Clausing, George, assignor.)
- Vulcan Corporation. (See Clausing, Henry, assignor.)
- Vulcan Corporation. (See Darragh, Harry W., assignor.)
- Vulcan Corporation. (See Lucas, Harry, W., assignor.)
- Vulcan Corporation. (See Stose, Harold F., assignor.)
- Vulcan Proofing Company. (See Lewis, Robert R., assignor.)
- Vulcan Proofing Company. (See Weiss, Albert J., assignor.)
- Vulcan Rail and Construction Company. (See Ewing, Wylie B., assignor.)
- Vulcan Soot Blower Corporation. (See Arey, F. C., and Hibner, assignors.)
- Vuillierme, Marcel, Paris, France. Cooling and filtering liquids. 2,108,977; Feb. 22.
- Vullings, Theodore M., Grand Rapids, Mich. Heater for house trailers. 2,139,141; Dec. 6.
- Vultex Corporation of America. (See Schidrowitz, P., and Malden, assignors.)
- Vykosky, Frank. (See Sopinski, C., and Vykosky.)
- W-B Chemical Company. (See Wilson, Ernest D., assignor.)
- W. K. M. Company. (See Laurent, Milton P., assignor.)
- Waag, Herman, Neuilly sur Seine, Paris, France, assignor to Crown Fur Dyeing Corporation, New York, N. Y. Art and machine for cutting patterns into fur skins. Re. 20,798; July 12.
- Wabash Appliance Corporation. (See Flaherty, James J., assignor.)
- Wabash Screen Door Company. (See Klaiber, Edward C., assignor.)
- Wachs, Frank C. (See Jones, F. E., and Wachs.)
- Wachs, Theodore, Evanston, assignor to Lucien I. Yeomans, Inc., Chicago, Ill. Power developing apparatus and method of operating the same. 2,125,474; Aug. 2.
- Wachsman, Jacob and M., Brooklyn, N. Y. Stop mechanism for knitting machines. 2,121,376; June 21.
- Wachsman, Michael. (See Wachsman, Jacob and M.)
- Wachsman, Michael, Brooklyn, N. Y. Stop mechanism for knitting machines. 2,109,605; Mar. 1.
- Wachsman, Michael, Brooklyn, N. Y. Stop mechanism for knitting machines. 2,121,375; June 21.
- Wachter, Frank, deceased, New York, N. Y.; Theresia M. Wachter, administratrix. 2,116,493; May 3.
- Wachter, Theresia M., administratrix. (See Wachter, Frank, assignor.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie, G. m. b. H. (See Basel, G., and Schaeffer, assignors.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie, G. m. b. H. (See Hollerer, Hanns, assignor.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie, G. m. b. H. (See von Gruber-Rehenburg, R., and Stobe, assignors.)
- Wada, Shigenobu. (See Okawa, C., and Wada.)
- Waddell, Homer J., Baltimore, Md. Stop valve. 2,122,667; July 5.



- Waddington, Aurthur S., Dartford, assignor to International Novelty Company, Limited, London, England. Movement for operating signs, advertising devices, and the like. 2,131,340; Sept. 27.
- Wade, Allan J., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,131,607; Sept. 27.
- Wade, Everett S., Mount Olive, Miss. Cigarette display and vending case. 2,118,994; May 31.
- Wade, Henry N. (See Martin, A. B., and Wade.)
- Wade, Lorentz G., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Drying device. 2,106,445; Jan. 25.
- Wade, Maner L. (See Carr, D. E., and Wade.)
- Wade, Maner L., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,107,770; Feb. 8.
- Wade, Maner L., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,107,771; Feb. 8.
- Wade, Maner L., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,107,772; Feb. 8.
- Wade, Newman C., Summit, N. J. Plant support. 2,134,242; Oct. 25.
- Wade, William, Chicago, and E. North, assignors to National Lock Company, Rockford, Ill. Venetian blind. 2,122,224; June 28.
- Wade, Worth, New York, and H. H. Replogle, Scarsdale, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Article and producing the same. 2,137,707; Nov. 22.
- Wadel, Josef, Hamburg, Germany. Casing for suppositories. 2,105,710; Jan. 18.
- Wadelka, Roman. (See Duldner, K., and Wadelka.)
- Wadeldon, Edwin F. (See Mitchell, R. H., Sjogren, and Wadeldon.)
- Wadewitz, Al. (See Kohout, G. A., and Wadewitz.)
- Wadhams, Frederick E., assignor to Lincoln-Schlueter Floor Machinery Co., Inc., Chicago, Ill. Floor surfacing machine. 2,127,851; Aug. 23.
- Wadman, Harold A., assignor to Hartford-Empire Company, Hartford, Conn. Glass melting tank wall structure and block. 2,136,346; Nov. 8.
- Wadsten, Sten, Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Coiled coil and the method and apparatus for making. 2,136,649; Nov. 15.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method and apparatus for feeding molten glass. 2,104,215; Jan. 4.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Dual orifice feeder. 2,108,517; Feb. 15.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method and apparatus for severing molten glass. 2,108,518; Feb. 15.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method and apparatus for feeding molten glass. 2,113,956; Apr. 12.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Apparatus for the fabrication of glass articles. 2,124,091; July 19.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method and apparatus for feeding thermoplastic material. 2,124,092; July 19.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Feeder and feeding molten glass. 2,130,702; Sept. 20.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Fabricating glass machine and method. 2,131,241; Sept. 27.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Hydrodynamic balance feeder and feeding molten glass. 2,131,242; Sept. 27.
- Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method and apparatus for feeding molten glass. 2,141,425; Dec. 27.
- Wadsworth, James M., Tulsa, Okla. Apparatus for decolorizing or desulphurizing hydrocarbons. 2,107,354; Feb. 8.
- Wadsworth, Lewis L., Winchester, Mass. Joint compound. 2,108,276; Feb. 15.
- Waechter, Charles B. (See Martin, S. B., and Waechter.)
- Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, trustees, Hamilton, Ohio. Writing case. 2,111,825; Mar. 22.
- Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, trustees, Hamilton, Ohio. Autographic register. 2,133,792; Oct. 18.
- Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, trustees, Hamilton, Ohio. Writing tablet. 2,137,970; Nov. 22.
- Waechter, Harry J., Mount Healthy, assignor to Paul Benninghofen and F. G. Diesbach, trustees, Hamilton, Ohio. Manifold machine. 2,140,065; Dec. 13.
- Waechter, Harry J., Mount Healthy, assignor to Paul Benninghofen and F. G. Diesbach, trustees, Hamilton, Ohio. Autographic register. 2,140,487; Dec. 13.
- Waelès, Daniel C., Montreuil-sous-Bois, and D. Rozentraub, Bagnolet, France. Baby carriage foldable to form trunks. 2,119,836; June 7.
- Wagar, Harold N., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,120,421; June 14.
- Wagar, Harold N., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,137,818; Nov. 22.
- Wagar, Stanley J. (See Moody, W. L., and Wagar.)
- Wagener, Carnot R., and A. J. Faulhaber, Cincinnati, Ohio. Apparatus for treating dough. 2,104,282; Jan. 4.
- Wagener, Carnot R., and A. J. Faulhaber, Cincinnati, Ohio. Store equipment. 2,112,185; Mar. 22.
- Wager, Robert H., Maplewood, N. J. Smoke inspection device. 2,118,716; May 24.
- Wagner, Albert, assignor to Sloane-Blabon Corporation, Trenton, N. J. Printing method and apparatus. 2,116,455; May 3.
- Wagner, Alfred C., assignor to B. M. Wagner, Highland Park, Mich. Battery vending machine. 2,119,063; May 31.
- Wagner, Arthur M. (See Brown, M., and Wagner.)
- Wagner, Arthur M., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Chromium plating. 2,118,956; May 31.
- Wagner, Arthur M., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article supporting apparatus. 2,118,957; May 31.
- Wagner, Arthur M., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Plating apparatus. 2,137,819; Nov. 22.
- Wagner, Bessie M. (See Wagner, Alfred C., assignor.)
- Wagner, Cary R. (See Osterstrom, R. C., and Wagner.)
- Wagner, Charles S., assignor to Blough Manufacturing Co., Inc., Harrisburg, Pa. Garment. 2,124,721; July 26.
- Wagner, Charley L. (See Rossman, J., and Wagner.)
- Wagner, Clyde P., and C. E. Allen, Joplin, Mo. Traveling shelf or article carrier for truck bodies. 2,140,974; Dec. 20.
- Wagner, E. R., Manufacturing Company. (See Miller, Swift, assignor.)
- Wagner Electric Corporation. (See Barrett, B. A., and Perreault, assignors.)
- Wagner Electric Corporation. (See Boldt, Werner F., assignor.)
- Wagner Electric Corporation et al. (See Boldt, W. F., assignor, and Thomas.)
- Wagner Electric Corporation. (See Boldt, W. F., and Freeman, assignors.)
- Wagner Electric Corporation. (See Cox, J. C., assignor, and Thomas.)
- Wagner Electric Corporation et al. (See Cox, J. C., and Boldt, assignors, and Thomas.)
- Wagner Electric Corporation. (See Dick, Burns, assignor.)
- Wagner Electric Corporation. (See Freeman, Walter R., assignor.)
- Wagner Electric Corporation. (See Schnell, Steve, assignor.)
- Wagner Electric Corporation. (See Stroup, Fred H., assignor.)
- Wagner Electric Corporation. (See Stroup, F. H., Dick, and Fites, assignors.)
- Wagner Electric Corporation. (See Waters, Granville A., assignor.)
- Wagner Electric Corporation. (See Whitacre, Clarence J., assignor.)
- Wagner, Erich. (See Breitling, E., and Wagner.)
- Wagner, Erwin, Chicago, Ill. Illuminated sign and sign character. 2,130,752; Sept. 20.
- Wagner, Frank C., assignor of one-half to V. A. Bradley, Corpus Christi, Tex. Synchro-cross-expansion engine. 2,110,248; Mar. 8.
- Wagner, Frederick P., assignor of one-half to A. J. Brauer, St. Louis, Mo. Shoe. 2,108,631; Feb. 15.
- Wagner, Frederick U., and J. Carey, Rahway, N. J. Hold-down device for shipping containers in freight cars, motor trucks, and ships. 2,115,242; Apr. 26.
- Wagner, George, Detroit, Mich. Valve and mounting therefor. 2,138,530; Nov. 29.
- Wagner, George B., assignor to F. R. Mullin, Winchester, Mass. Refrigerating apparatus. 2,118,980; May 24.
- Wagner, Georges E., Saint-Etienne (Loire), France, assignor to "Egava S. A.", Lausanne, Switzerland. Cooling device for electric generators. 2,138,990; Dec. 6.
- Wagner, Hans, Magdeburg, Germany. Car ventilator. 2,100,418; Jan. 25.
- Wagner, Hans, Akron, Ohio, assignor of eight per cent to J. P. Murphy, Jr., Brooklyn, and two per cent to S. E. Ryan, Forest Hills, N. Y. Manufacture of inner tubes for vehicle tires. 2,134,591; Oct. 25.
- Wagner, Harry E., Endicott, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Insole and making the same. 2,124,938; June 28.
- Wagner, Herbert M., Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tuning indicator circuits. 2,122,267; June 28.



- Wagner, Herbert M., Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tuning indicator tube. 2,122,268; June 28.
- Wagner, Herbert M., Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tuning indicator tube. 2,122,269; June 28.
- Wagner, Herman F., Chesterton, Ind. Draftless ventilator. 2,135,369; Nov. 1.
- Wagner, Joshua, Brooklyn, N. Y. Carton and closure therefor. 2,133,930; Oct. 18.
- Wagner, Karl F., Friedrichshafen, Bodensee, Germany. Apparatus for casting metal under pressure. 2,137,764; Nov. 22.
- Wagner, Lewis E., United States Navy. Apparatus for testing ignition circuits. 2,108,835; Feb. 22.
- Wagner, Mathias A., Mount Angel, Oreg. Insulated burial vault. 2,122,702; July 5.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Motor-driven vehicle. 2,135,314; Nov. 1.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Connecting the frame with the axles of vehicles. 2,138,438; Nov. 29.
- Wagner, Melvin, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Charging containers with inert gas and materials. 2,133,367; Oct. 18.
- Wagner, Ned F. (See Wilson, John E., assignor.)
- Wagner, Norbert R., Cleveland, Wis. Leg brace. 2,107,095; Feb. 1.
- Wagner, Robert L., Astoria, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Method and apparatus for cutting and treating metals. 2,110,781; Mar. 8.
- Wagner Sign Service, Inc. (See Garner, F. G., and Auer, assignors.)
- Wagner, Theodore B., New York, N. Y. Manufacture of ethyl alcohol from Indian corn. 2,132,250; Oct. 4.
- Wagner, Theodore B., Brooklyn, N. Y. Manufacture of starch from Indian corn. 2,132,251; Oct. 4.
- Wagner, Walter C., Ardmore, Pa. Pressure compensator. 2,122,597; July 5.
- Wagner, Walter C., Ardmore, Pa. Cumulative demand meter. 2,123,977; July 19.
- Wagner, Walter C., Ardmore, Pa. Fluid meter. 2,123,978; July 19.
- Wagner, Walter C., Ardmore, and F. Strattner, Manoa, Pa. Fluid meter tester. 2,135,061; Nov. 1.
- Wagner, William, assignor of one-fifth to C. De Giuli, Brooklyn, N. Y. Electric lock. 2,105,304; Jan. 11.
- Wagner, William E., Kilworthy, Ontario, Canada, assignor to Western Cartridge Company, East Alton, Ill. Shot shell. 2,105,993; Jan. 18.
- Wagner, Wiltz W., and C. J. Lane, New Orleans, La., said Lane assignor to said Wagner. Dough brake. 2,127,076; Aug. 16.
- Wahl, André, Enghien, and M. Paillard, assignors of two-thirds to Societe Anonyme des Matieres Colorantes et Produits Chimiques de Saint-Denis, Paris, France. Dyeing and printing with insoluble azo dyestuffs. 2,139,987; Dec. 13.
- Wahl Company, The. (See Lungren, Arthur N., assignor.)
- Wahl Company, The. (See Moore, Fred, assignor.)
- Wahl, John, Rosedale, N. J., assignor, by mesne assignments, to Scovill Manufacturing Company, Brooklyn, N. Y. Valve core. 2,116,087; May 3.
- Wahl, John, Rosedale, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Tire valve. 2,126,845; Aug. 16.
- Wahl, John C., assignor to Mills Novelty Company, Chicago, Ill. Dispensing slide mechanism. 2,119,897; June 7.
- Wahl, Karl, Berlin-Treptow, Germany, assignor to Sifco A. G., Schaffhausen, Switzerland. Perforation of an unperforated positive film in correspondence with perforated negative film. 2,139,214; Dec. 6.
- Wahl, Ottmar. (See Retter, W., Wahl, and Müller.)
- Wahl, Ottmar. (See Schmidt, K., and Wahl.)
- Wahlberg, Frank, Brooklyn, assignor to Durex Products, 2,132,226; Oct. 4.
- Wahlberg, Nils A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulated runner for trolley devices. 2,125,092; July 26.
- Wahlberg, Oscar. (See Holmstrom, A. B., and Wahlberg.)
- Wahlbin, Fritz. (See Bramsen, S., and Wahlbin.)
- Wahlbin, Fritz. (See Gustafsson, E., and Wahlbin.)
- Wahlmark, Gunnar A., Rockford, Ill. Rotary engine. 2,132,812; Oct. 11.
- Wahlmark, Gunnar A., Rockford, Ill. Rotary engine. 2,132,813; Oct. 11.
- Wahlsten, Gösta. (See Lysholm, A. B., and Wahlsten.)
- Wahlstrom, Ewald O., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Hollow strand terminal. 2,141,098; Dec. 20.
- Waible, Leo C. (See Sherman, Charles W., assignor.)
- Waibler, Johannes, assignor to C. Janzer, Stuttgart, Germany. Driving gear for continuous working photographic copying machines. 2,124,267; July 19.
- Waide, Merrill, assignor, by mesne assignments, to Opticolor, Incorporated, New York, N. Y. Optical system. 2,115,153; Apr. 26.
- Wainer, Eugene. (See Kinzie, C. J., and Wainer.)
- Wainwright, Carlyle H. (See Manger, C. F., Wainwright, and Buswell.)
- Wainwright, Charles, Erie, Pa. Air governor. 2,116,456; May 3.
- Wainwright, James A., and J. Allan, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials containing cellulose esters. 2,115,374; Apr. 26.
- Wainwright, Walter, Brooklyn, assignor to H. W. Hardie, New York, N. Y. Plug for tubes. 2,107,315; Feb. 8.
- Wait, William B., New York, N. Y. Speed and cut-off indicator for locomotives. 2,110,456; Mar. 8.
- Waite, Donald B., et al. (See Hayes, Ralph S., assignor.)
- Waite, Fred M., Saranac Lake, N. Y. Hair cutting device. 2,116,088; May 3.
- Waite, Fred M., Saranac Lake, N. Y. Shampoo apron. 2,123,447; July 12.
- Waite, Thomas, Pottstown, Pa. Feed saving trough. 2,130,048; Sept. 13.
- Waite, Virgil H., Elyria, assignor to The McGean Chemical Company, Cleveland, Ohio. Electrodeposition of metals. 2,112,818; Mar. 29.
- Waite, Virgil H., Berea, assignor to The McGean Chemical Company, Cleveland, Ohio. Electrodeposition of metals. 2,114,006; Apr. 12.
- Waitekaides, Joseph J., Stambaugh, Mich. Window. 2,140,890; Dec. 20.
- Wakefield, Frank E., assignor to Evans Case Company, North Attleboro, Mass. Receptacle for combs and files. 2,110,514; Mar. 8.
- Wakefield, Frank E., assignor to Evans Case Company, North Attleboro, Mass. Combined case and lighter. 2,116,292; May 3.
- Wakeman, John E., assignor of one-fourth to G. C. Preston, Dallas, Tex. Rotary compressor. 2,128,866; Aug. 30.
- Wakeman, Louis K., Leonia, N. J., assignor to International Patents Development Company, Wilmington, Del. Adhesive for labels and making same. 2,126,520; Aug. 9.
- Wakenhut, Alfred, Seelze, near Hanover, assignor to J. D. Riedel-E. de Haen A.-G., Berlin-Britz, Germany. Luminescent coating and making the same. 2,126,233; Aug. 9.
- Wakenhut, Alfred, Seelze, near Hanover, assignor to J. D. Riedel-E. de Haen A. G., Berlin-Britz, Germany. Luminescent zinc compounds. 2,136,871; Nov. 15.
- Walaity, Anthony C., Red Bank, N. J. Game apparatus. 2,133,676; Oct. 18.
- Walberg, Bernard E., Worcester, Mass. Key board. 2,116,808; May 10.
- Walch, Frederick W., Newton Center, Mass., assignor, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Steam jet pump. 2,123,346; July 12.
- Walcher, Edwin A., Calumet City, and W. H. Baselt, Chicago, assignors to American Steel Foundries, Chicago, Ill. Radius bar. 2,116,809; May 10.
- Walco, Incorporated. (See Foster, William H., assignor.)
- Wald, George, Belleville, Ill. Picture and sound apparatus. 2,111,159; Mar. 15.
- Wald Manufacturing Company. (See Pawsat, Ewald F., assignor.)
- Walde, Albert H., assignor of one-third to A. Berman, Philadelphia, and one-third to C. E. Hohl, Upper Darby, Philadelphia, Pa. Battery cable and connector. 2,111,107; Mar. 15.
- Walde, Albert H., Roxborough, assignor of one-third to A. Berman, Philadelphia, and one-third to C. E. Hohl, Upper Darby, Pa. Battery terminal. 2,111,712; Mar. 22.
- Waldeck, William F., Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company. Caustic resistant material. 2,111,342; Mar. 15.
- Waldeck, William F., Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company. Purifying caustic soda. 2,127,496; Aug. 23.
- Walden, Stanley F., Newton, Mass. Top for trucks and the like. 2,129,893; Sept. 13.
- Waldenmeyer, Bernard N., Detroit, Mich. Ice cube freezing tray. 2,133,219; Oct. 11.
- Waldes A. Spol. (See Schafer, Friedrich, assignor.)
- Waldes, Jindrich. (See Schafer, Friedrich, assignor.)
- Waldes Koh-I-Noor, Inc. (See Puc, Voitech, assignor.)
- Waldes, Zikmund. (See Schafer, Friedrich, assignor.)
- Waldie, Eveline H., Leonia, N. J. Comestible container. 2,117,864; May 17.
- Waldman, Herman C., St. Louis, Mo. Interlocking door and elevator mechanism. 2,126,066; Aug. 9.
- Waldman, Robert O., Berkeley, and P. F. Thayer, Albany, Calif. Folding machine for fibrous material. 2,135,880; Nov. 8.
- Waldmann, Edmund, Klosterneuburg, and A. Chwala, Vienna, Austria, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing sulphonic acids of aliphatic ethers of high molecular weight. 2,118,995; May 31.
- Waldo, Theron L., Jr., Bath, N. Y. Making signs. 2,109,000; Feb. 22.
- Waldock, Dominic L., Highland Park, Mich. Airplane kite. 2,136,717; Nov. 15.
- Waldon, Charles D., Toronto, Ontario, Canada. Smoke condensing and fuel saving device. 2,113,070; Apr. 5.
- Waldorf Paper Products Company. (See Boeye, Paul F., assignor.)



- Waldorf Paper Products Company. (See Guyer, Reynolds, assignor.)
- Waldron, Frederic B., Prescott, assignor to Pilkington Brothers Limited, Liverpool, England. Glass grinding apparatus. 2,131,862; Oct. 4.
- Waldron, Frederic B., Prescott, and J. H. Griffin, St. Helens, assignors to Pilkington Brothers Limited, Liverpool, England. Apparatus for grinding and polishing strips of glass. 2,130,255; Sept. 13.
- Waldron, Frederick A., Westfield, N. J. Apparatus for drying and impregnating. 2,125,364; Aug. 2.
- Waldron, Frederick A., Westfield, N. J. Manufacture of inked ribbons. 2,137,256; Nov. 22.
- Waldron, John, Corporation. (See Warner, S. W., and Case, assignors.)
- Waldron, Richard C., Clifton, assignor to The Okonite Company, Passaic, N. J. Electric cable. 2,118,629; May 24.
- Waldron, Richard C., Clifton, assignor to The Okonite Company, Passaic, N. J. Electric cable. 2,118,630; May 24.
- Waldschmidt, Ernst, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Indirectly heated thermionic cathode. 2,131,204; Sept. 27.
- Waldschmidt-Leitz, Ernst, Prague, Czechoslovakia, and F. Ziegler, Wuppertal-Elberfeld, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Separation of amylase and protease. 2,121,459; June 21.
- Waldvogel, Karl O. (See Wickersham, D. P., and Waldvogel, assignors.)
- Wale, Bruce, San Francisco, Calif., assignor to Standard Process Corporation, Chicago, Ill. Printing press. 2,121,308; June 21.
- Wale, Bruce, San Francisco, Calif., assignor to Standard Process Corporation, Chicago, Ill. Rotary printing press. 2,121,309; June 21.
- Wales, Fred A., Detroit, Mich. Rack. 2,108,978; Feb. 22.
- Wales, Fred A., Detroit, Mich. Coating aluminum. 2,111,377; Mar. 15.
- Walger, William, Chicago, Ill. Cot structure. 2,124,643; July 26.
- Wales, Earl A., Cleveland, Ohio, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Friction material and producing same. 2,134,744; Nov. 1.
- Walker, Albert O., and C. J. Sanford, Independence, Mo. Device for mentholizing cigarettes. 2,107,591; Feb. 8.
- Walker, Avery W., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Grinding device. 2,108,630; Feb. 15.
- Walker, Avery W., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Abrasive device. 2,114,410; Apr. 19.
- Walker, Brooks, Piedmont, Calif. Vehicle lifting and traversing device. Re. 20,707; Apr. 26.
- Walker, Brooks, Piedmont, Calif. Motor vehicle. 2,131,306; Sept. 27.
- Walker, Brooks, Piedmont, Calif. Motor vehicle. 2,136,570; Nov. 15.
- Walker, Brooks, Piedmont, Calif. Motor vehicle. 2,139,341; Dec. 6.
- Walker, Charles R., Jersey City, N. J., assignor to American Telephone and Telegraph Company. Telegraph broadcasting system. 2,111,685; Mar. 22.
- Walker, Charles R., assignor to Abrasive Products, Inc., South Braintree, Mass. Mineral fusion product and making same. 2,138,799; Nov. 29.
- Walker, Clinton L., Piedmont, Calif. Quick action whip stock. 2,132,061; Oct. 4.
- Walker, Doris F., Gastonia, N. C. Arch supporting shoe. 2,134,221; Oct. 25.
- Walker, Doris F., Gastonia, N. C., and W. S. Anderson, Philadelphia, Pa. Last. 2,135,546; Nov. 8.
- Walker, Edward J., Bridgeport, Conn. Display device. 2,111,015; Mar. 15.
- Walker, Edwin H. (See Anderson, Edward L., assignor.)
- Walker, Edwin P., Natick, Mass. Manufacture of shoes. 2,110,249; Mar. 8.
- Walker, Eric E. (See Fawcett, E. W., and Walker.)
- Walker, Forrest A., Oak Park, Ill., assignor, by mesne assignments, to Edison General Electric Appliance Company, Inc. Dishwashing apparatus. 2,136,259; Nov. 8.
- Walker, Frank R., Glencoe, Ill. Metal support for wooden building constructions. 2,130,049; Sept. 13.
- Walker, Frederic T. (See Spencer, W. D., and Walker.)
- Walker, Frederick P., assignor to Crittall Greenhouses Limited, London, England. Greenhouse and other portable buildings. 2,136,987; Nov. 15.
- Walker, George A., Saugus, assignor to Dover Stamping and Manufacturing Company, Cambridge, Mass. Dispensing funnel for sealed containers. 2,110,918; May 10.
- Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting torch. 2,117,751; May 17.
- Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch. 2,118,447; May 24.
- Walker, Gilbert T., assignor to Thomas Walker Limited, Birmingham, England. Fastening device for truss and other bands. 2,134,383; Oct. 25.
- Walker, Gilbert T., and H. H. Wood, assignors, to Thomas Walker Limited, Birmingham, England. Adjusting slide or buckle for bends, webbing, or the like. 2,119,961; June 7.
- Walker, Henry L. (See Dervieux, André, assignor.)
- Walker, Herbert W. (See Elley, H. W., and Walker.)
- Walker, Hiram, & Sons, Inc. (See Simpson, W. H., and Bailie, assignors.)
- Walker, Horace T., Columbia, Ky. Blade sharpener for lawn mowers. 2,140,437; Dec. 13.
- Walker, James D., Butler, Pa. Dumping buggy. 2,126,592; Aug. 9.
- Walker, James D., Butler, Pa. Dumping buggy. 2,138,562; Nov. 29.
- Walker, James D., assignor to The American Well Works, Aurora, Ill. Activated sludge process and apparatus therefor. 2,120,658; June 14.
- Walker, Jay P., assignor of forty per cent to G. O. Merchant, and six per cent to C. G. Wells, Tulsa, Okla. Wooden tank. 2,104,961; Jan. 11.
- Walker, John D., Glasgow, Scotland. Stock and die for use in screwing metals. 2,120,689; June 14.
- Walker, Joseph F. (See Scott, N. D., and Walker.)
- Walker, Joseph F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting hydrocarbons with alkali metals. 2,108,277; Feb. 15.
- Walker, Joseph F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aromatic dihydro dicarboxylic acids. 2,135,062; Nov. 1.
- Walker, Joseph F., and N. Turnbull, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing pentaglycol. 2,135,063; Nov. 1.
- Walker Manufacturing Company. (See Tully, Richard G., assignor.)
- Walker, Nelson, Flint, assignor to General Motors Corporation, Detroit, Mich. Radiator pressure cap. 2,139,395; Dec. 6.
- Walker, Nevilles E., Portland, Oreg. Toy aeroplane propeller mounting. 2,131,490; Sept. 27.
- Walker, O. S., Co. Inc. (See Beechlyn, John T., assignor.)
- Walker, O. S., Co. Incorporated. (See Tracy, Howard E., assignor.)
- Walker & Pratt Manufacturing Co. (See Smith, A. L., Parsons, and Quessy, assignors.)
- Walker, Robert S., Bellefonte, Pa., assignor to Electro Lime & Ice Corporation, Wilmington, Del. Treating carbonaceous material. 2,113,522; Apr. 5.
- Walker, Robert T., assignor to Zonolite Corporation of Michigan, Detroit, Mich. Insulating package. 2,123,869; July 19.
- Walker, Russell S., assignor of one-half to W. S. Moore, Duluth, Minn. Air filter. 2,135,863; Nov. 8.
- Walker, Russell S., and W. S. Moore, assignors to Universal Air Filter Corporation, Duluth, Minn. Air filtering apparatus. 2,133,931; Oct. 18.
- Walker, Sheridan A., assignor to Walker Spring Co., Inc., Newburgh, N. Y. Spring unit. 2,133,408; Oct. 18.
- Walker Spring Co. (See Walker, Sheridan A., assignor.)
- Walker, Thomas, Limited. (See Walker, Gilbert T., assignor.)
- Walker, Thomas, Limited. (See Walker, G. T., and Wood, assignors.)
- Walker, Thomas M., Auburn, N. Y. Antiskid overshoe. 2,106,670; Jan. 25.
- Walker-Turner Company. (See Ocenasek, William F., assignor.)
- Walker, Warren R., Short Hills, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method of and apparatus for bending vitreous tubing. 2,135,775; Nov. 8.
- Walker, Warren R., Short Hills, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Gaseous electric discharge device. 2,135,776; Nov. 8.
- Walker, Willard R., Syracuse, N. Y. Dishwasher. 2,127,017; Aug. 16.
- Walker, William J., and S. F. Gimkey, Johannesburg, Union of South Africa, assignors to Broom and Wade Limited, High Wycombe, Buckinghamshire, England. Lubricator for air lines, rock drills, and other compressed air apparatus. 2,107,225; Feb. 1.
- Walker, William K. (See Thimmis, W. W., and Walker.)
- Walker, William K., assignor to American Radiator Company, New York, N. Y. Depth gauge. 2,128,216; Aug. 23.
- Walker, William W. (See Bartow, E., and Walker.)
- Walkley, William P. (See Rose, Donald E., assignor.)
- Wallap, Charles S., Jr. (See De Minico, Robert H., assignor.)
- Wall, Ayana L., Cleveland, Ohio. Roofing construction. 2,122,077; June 28.
- Wall, Charles G., Philadelphia, Pa. Apparatus for mixing fluids. Re. 20,830; Aug. 30.
- Wall, Eugene W., assignor to Kall Manufacturing Company, Philadelphia, Pa. Textile finishing material. 2,126,936; Aug. 16.
- Wall, George, Manchester, England, assignor to General Electric Company. Prepayment meter for electricity, gas, and like commodities. 2,106,582; Jan. 25.
- Wall, John A., East Nashville, Tenn. Burglar alarm. 2,138,316; Nov. 29.



- Wall, John M., Syracuse, N. Y. Motion picture machine. 2,131,850; Oct. 4.
- Wall & Ochs. (See Beattie, James, assignor.)
- Wall, Reuben E., Winston-Salem, N. C. Unloading truck. 2,107,682; Feb. 8.
- Wallace, Bruce W., Chicago, Ill. Sign mechanism. 2,113,415; Apr. 5.
- Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Circuit-controlling mechanism. 2,118,687; May 24.
- Wallace, David A., Detroit, Mich. Metal reinforced block floor. 2,120,450; June 14.
- Wallace, David A., Detroit, Mich. Roof construction. 2,136,718; Nov. 15.
- Wallace, David A., Detroit, Mich., and L. E. Mendenhall, Partridge, Kans.; said Mendenhall assignor to said Wallace. Metal reinforced wood floor. 2,133,002; Oct. 11.
- Wallace, Frank R., assignor to The Tabor Manufacturing Company, Philadelphia, Pa. Molding machine. 2,135,370; Nov. 1.
- Wallace, Harry W., Highland Park, assignor to Wheel Truening Tool Company of Delaware, Detroit, Mich. Making a diamond tool. 2,141,202; Dec. 27.
- Wallace, Henry A., Secretary of Agriculture of the United States. (See Sherrard, E. C., Beglinger, Hohf, and Bateman, assignors.)
- Wallace, Henry A., Secretary of Agriculture of the United States of America. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
- Wallace, Henry A., Secretary of Agriculture of the United States of America, and his successors in office. (See Wells, P. A., Lockwood, and Stubbs, assignors.)
- Wallace, James D., Washington, D. C. Telegraphic keying circuit. 2,108,833; Feb. 22.
- Wallace, James D., Washington, D. C. Radio frequency current measuring device. 1,127,545; Aug. 23.
- Wallace, John F., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Collapsible strut. 2,106,289; Jan. 25.
- Wallace, John F., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorber. 2,109,891; Mar. 1.
- Wallace, John F., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorber for airplanes. 2,118,455; May 24.
- Wallace, John F., Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorber construction. 2,118,831; May 31.
- Wallace, John M., Oakville, Ontario, Canada. Dispensing gun. 1,129,801; Sept. 13.
- Wallace, Jefferson D., and M. V. Sullenger, Kansas City, Mo. Fishing line float. 2,133,880; Oct. 18.
- Wallace, Jeffrey J., assignor to Cullett Gin Company, Amite, La. Cotton huller. 2,138,436; Nov. 29.
- Wallace, Jeffrey J., assignor to Cullett Gin Company, Amite, La. Huller rib. 2,138,437; Nov. 29.
- Wallace, Joseph, Cedarhurst, assignor to J. Aversa, New York, N. Y. Fountain pen attachment. 2,111,518; Mar. 15.
- Wallace, Leta, Kansas City, Mo. Footstool. 2,108,241; Feb. 15.
- Wallace, Leta, Kansas City, Mo. Adjustable cushion. 2,108,242; Feb. 15.
- Wallace, Leta, Kansas City, Mo. Music rack. 2,133,368; Oct. 18.
- Wallace Pencil Company. (See Forsyth, Arthur W., assignor.)
- Wallace, Richard E., Toronto, Ontario, Canada. Device for observing color register indications of color prints discharged from a multicolor press. 2,124,802; July 26.
- Wallace, Richard E., and A. C. F. West, assignors to The Toronto Star Limited, Toronto, Ontario, Canada. Fire extinguishing equipment. 2,141,232; Dec. 27.
- Wallace, Robert H., and E. Riemenschneider, Lakewood, assignors to The Midland Steel Products Company, Cleveland, Ohio. Making automobile frames. 2,118,448; May 24.
- Wallace, Samuel K., Memphis, Tenn. Truck ice loading and unloading device. 2,138,893; Dec. 6.
- Wallace & Tiernan Company. (See Booth, George M., assignor.)
- Wallace & Tiernan Products, Inc. (See Kann, John, assignor.)
- Wallace & Tiernan Products, Inc. (See Mackay, John R., assignor.)
- Wallace & Tiernan Products, Inc. (See Peet, Gerald D., assignor.)
- Wallace & Tiernan Products, Inc. (See Wallace, Charles F., assignor.)
- Wallace, William, Chicago, Ill. Safety match folder. 2,121,136; June 21.
- Wallach, Carl D., Newburgh, assignor to R. L. Parish, New York, N. Y. Thermal insulating structure for vehicle floors. 2,137,322; Nov. 22.
- Wallach, Carl D., Newburgh, assignor to R. L. Parish, New York, N. Y. Thermal insulation and ventilating structure for motor vehicles. 2,137,323; Nov. 22.
- Wallach, Carl D., Newburgh, assignor to American Flange & Manufacturing Co., Inc., New York, N. Y. Automobile insulation. 2,137,324; Nov. 22.
- Wallach, Roger N., Briarcliff Manor, and J. Zender, Irvington, N. Y.; said Wallach assignor to Sylvania Industrial Corporation, Fredericksburg, Va., and said Zender assignor to Stauffer Chemical Company, New York, N. Y. Treating material. 2,140,341; Dec. 13.
- Wallagh, Gerit W. A. (See Wibaut, J. P., van de Lande, and Wallagh.)
- Wallenius, Arthur W., Glendale, Calif. Fountain comb. 2,108,184; Feb. 15.
- Waller, Carl R. (See Miller, J. S., and Waller.)
- Waller, Charles W., Chicago, Ill. Aircraft. 2,131,155; Sept. 27.
- Waller, Fred., Huntington, N. Y. Anemometer. 2,125,365; Aug. 2.
- Waller, George, Detroit, Mich. Brake. 2,113,608; Apr. 12.
- Waller, Hugh, Halfway, Mo. Oil well line control head. 2,137,599; Nov. 22.
- Wallerstein, Abraham, assignor to A-W Heating Specialties Corporation, St. Louis, Mo. Radiator fitting. 2,117,831; May 17.
- Wallerstein Company. (See MacKenzie, Duncan R., assignor.)
- Wallerstein, Leo, New York, N. Y. Deproteinization of rubber latex. 2,116,089; May 3.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 2,113,335; Apr. 5.
- Wallgren, August G. F., Stockholm, assignor to Aktiebolaget Nomy, Lidköping, Sweden. Bearing. 2,131,773; Oct. 4.
- Wallgren, August G. F., and C. G. Jansson, assignors to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 2,116,871; May 10.
- Wallgren, Paul T., Chicago, Ill. Portable workbench. 2,139,293; Dec. 6.
- Wallin, Fred E. A., Chicago, K. T. Johnson, Palatine, and C. G. Johnson, assignors to N. M. Seeburg, Chicago, Ill. Apparatus for separating genuine and spurious coins. 2,107,402; Feb. 8.
- Wallin, Fred E. A., Chicago, K. T. Johnson, Palatine, and C. G. Johnson, assignors to N. M. Seeburg, Chicago, Ill. Apparatus for separating genuine and spurious coins. 2,129,512; Sept. 6.
- Wallin, Kenneth L., San Pedro, assignor to Union Oil Company of California, Los Angeles, Calif. Separation of wax. 2,119,759; June 7.
- Wallin, Knute F., Brooklyn, N. Y. Coating fabrics. 2,114,618; Apr. 19.
- Wallin, Rolf V. (See Rowland, K. H., and Wallin.)
- Walling, Clyde E., Lakewood, Ohio. Circular relief grinder. 2,117,637; May 17.
- Wallis, Albert E. (See Harrison, C. F. R., and Wallis.)
- Wallis, Arthur R., Hadleigh, and J. J. Cheesman, Sidcup, assignors to Gerrard Industries Limited, Brentford, England. Wire-tying apparatus for baling, packing, and the like. 2,123,263; July 12.
- Wallis, Barnes N., Weybridge, assignor to Vickers (Aviation) Limited, Weybridge, Surrey, England. Aircraft frame structure. 2,115,504; Apr. 26.
- Wallis, Cyril T. (See Halbleib, E. A., Rohr, and Wallis.)
- Wallis, Cyril T. (See Sullivan, R. H., Hutchins, and Wallis.)
- Wallis, Cyril T., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Instrument dial illumination. 2,128,339; Aug. 30.
- Wallis, Everett S., and W. A. Yarnall, Princeton, assignors to Merck & Co., Inc., Rahway, N. J. Production of hormones. 2,123,217; July 12.
- Wallis, John S. (See Swanson, H. R., and Wallis.)
- Wallis, John S., New York, and H. R. Swanson, White Plains, assignors to Foster Wheeler Corporation, New York, N. Y. Production of blown asphalt. 2,122,764; July 5.
- Wallis, John S., and C. T. Chave, assignors, by mesne assignments, to American Locomotive Company, New York, N. Y. Distillation process for hydrocarbon oils. 2,140,342; Dec. 13.
- Wallis, John W., Los Angeles, Calif. Pipe line structure. 2,132,769; Oct. 11.
- Wallis, Lionel S., Tysley, Birmingham, England. Spring assembly for mattresses and upholstery. 2,128,566; Aug. 30.
- Wallis, William B. (See Moore, W. E., and Wallis.)
- Wallner, Otto, Starnberg, near Munich, Germany. Padding for gentlemen's and ladies' clothes. 2,122,502; July 5.
- Wallquist, Ivar, Karlstad, Sweden. Apparatus for recovering particles from liquids. 2,129,802; Sept. 13.
- Wallschlaeger, Theodore W., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Electrical plug and socket structure. 2,141,889; Dec. 27.
- Walmsley, William, Chicago, Ill. Fastener. 2,115,353; Apr. 26.
- Walp, Charles F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Shaker chute construction. 2,108,698; Feb. 15.
- Walpole, John P., Jackson Heights, N. Y. Stand for cordless electric irons. 2,108,834; Feb. 22.
- Walsh, Carroll H. (See Pittman, R. R., and Walsh.)
- Walsh, Carroll H., Pine Bluff, Ark. Switching device. 2,114,064; Apr. 12.
- Walsh, Frederick T., doing business as Thomas Leyland Machinery Company. (See Shute, Charles W., assignor.)
- Walsh, James F. (See Daly, R. E., and Walsh.)
- Walsh, James F., Chicago, Ill., assignor to American Malt-Products Company. Preparing cereal product. 2,135,445; Nov. 1.
- Walsh, John J. (See Armor, B. S., and Walsh.)



- Walsh, John L., Baltimore, Md., assignor to May Oil Burner Corporation. Stapling machine attachment. 2,107,555; Feb. 8.
- Walsh, Patrick H., East Orange, N. J., assignor to Geo. S. Harwood & Son, Boston, Mass. Textile manufacture. 2,107,458; Feb. 8.
- Walsh, Richard, Mobile, Ala. Dumping bucket. 2,141,702; Dec. 27.
- Walsh, Richard, and O. R. Sandstrom, assignors of one-third to A. F. Jayne, Crystal Falls, Mich. Lavatory ventilator. 2,134,629; Oct. 25.
- Walsh, Thomas J. (See Keitel, C. W., and Walsh.)
- Walsh, Thomas J., West Hempstead, and J. Antofilli, Astoria, N. J. Apparatus for eliminating bleeps in spliced sound-on-film moving picture positive films. 2,135,684; Nov. 8.
- Walsh, William, London, England. Holder for cigarettes or the like. 2,109,810; Mar. 1.
- Walsh, William H., Philadelphia, Pa. Pile fabric and making the same. 2,125,745; Aug. 2.
- Walsh, William J., Oak Park, Ill. Golf rake. 2,110,538; Mar. 8.
- Walsh, William J., Creston, Iowa. Animal holding chute. 2,126,593; Aug. 9.
- Walsh, William L. (See Milas, N. A., and Walsh.)
- Walstrum, James N. (See Salvatori, H., and Walstrum.)
- Walton, Thomas R., Birmingham, Mich. Windshield wiper blade. 2,105,021; Jan. 11.
- Walton, Carl W., Newton, Mass. Apparatus for and method of preparing, storing, and dispensing fluids. 2,116,132; May 3.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Preparing fiber containers. 2,108,910; Feb. 22.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Container ferrule. 2,109,601; Mar. 1.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Preparation of containers. 2,110,750; Mar. 8.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Printing natural sausage casings. 2,119,729; June 7.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Container and making same. 2,119,730; June 7.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Applicator. 2,124,722; July 26.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Quick freezing process. 2,137,902; Nov. 22.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Sewing casings. 2,137,903; Nov. 22.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Casing material. 2,137,904; Nov. 22.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Container. 2,140,177; Dec. 13.
- Walter, George S., Chicago, Ill. Writing pen. 2,115,970; May 3.
- Walter, Hans, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Rectifier. 2,126,067; Aug. 9.
- Walter, Harry L., University City, assignor to Ely & Walker Dry Goods Company, St. Louis, Mo. Display spacer. 2,123,264; July 12.
- Walter, John C., Collingswood, N. J., assignor to Wired Radio Inc., New York, N. Y. Receiver control system. 2,117,638; May 17.
- Walter, Joseph H., assignor, by mesne assignments, to The Steel Products Engineering Company, Springfield, Ohio. Mechanical stoker. 2,116,774; May 10.
- Walter, Jules G. (See Cohn, S., and Walter.)
- Walter, Lawrence, Albany, Calif. Electrical plug connection. 2,121,063; June 21.
- Walter, Luther M., et al., trustee. (See Atherton, Howard B., assignor.)
- Walters, Arthur L., and H. H. Hendrick, Baker, Oreg., assignors of fifteen percent to C. J. Bartlett and fifteen percent to T. W. Collins. Rotary engine. 2,136,066; Nov. 8.
- Walters, Carl W., Aurora, Ill. Projectile game apparatus. 2,130,050; Sept. 13.
- Walters, Clarence C. (See Jordan, L. J., and Walters.)
- Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,110,349; Mar. 8.
- Walters, Gustav, assignor to The Russell Manufacturing Company, Middletown, Conn. Fabric friction facing. 2,113,261; Apr. 5.
- Walters, Gustav, assignor to The Russell Manufacturing Company, Middletown, Conn. Woven wick for oil burners and the like. 2,134,424; Oct. 25.
- Walters, Harry B. (See Mueller, H., and Walters.)
- Walters, Henry W., Jacksonville, Fla. Lifesaving apparatus. 2,137,468; Nov. 22.
- Walters, Is. Alva, San Diego, Calif. Motor lubricating system. 2,132,580; Oct. 11.
- Walters, John S., Lakewood, Ohio. Fuel injection system. 2,117,380; May 17.
- Walters, Oswald K., Allentown, Pa. Fracture frame. 2,141,099; Dec. 20.
- Walters, Ray E., and C. E. Ruch, Nappanee, Ind. Tire pressure indicator. 2,124,380; July 19.
- Walters, Theodore R., and E. W. Manning, Pittsfield, Mass., assignors to General Electric Company. Coll insulation. 2,135,315; Nov. 1.
- Walterspiel, Alfred, Munich, Germany. Electric culinary oven. 2,127,658; Aug. 23.
- Walther, Carl, Waffen-Fabrik. (See Walther, F., and Barthelmes, assignors.)
- Walther, Carl, Waffenfabrik. (See Walther, Georg, assignor.)
- Walther, Fritz, Plauen i. V., Germany. Boring bar. 2,108,699; Feb. 15.
- Walther, Fritz, and F. Barthelmes, assignors to Carl Walther, Waffen-Fabrik, Zella-Mehlis, Germany. Automatic pistol. 2,135,992; Nov. 8.
- Walther, George, near Dayton, Ohio, assignor to The Dayton Steel Foundry Company. Metal wheel. 2,117,926; May 17.
- Walther, George, near Dayton, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Metal wheel. 2,117,927; May 17.
- Walther, George, Zella-Mehlis, assignor to the firm Carl Walther, Waffenfabrik, Zella-Mehlis, Thuringia, Germany. Automatic pistol. 2,127,793; Aug. 23.
- Walt, Heinrich, Winterthur-Wulfingen, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Fuel pump for reversible combustion engines. 2,126,068; Aug. 9.
- Waltman, Adolph H., and P. W. Dillon, assignors to Northwestern Barb Wire Company, Sterling, Ill. Galvanizing process. 2,111,826; Mar. 22.
- Waltmon, Thomas J., Portland, Oreg., assignor to The Ohio Knife Company, Cincinnati, Ohio. Knife for lumber-dressing machinery. 2,136,260; Nov. 8.
- Walton, Alfred B., Kenmore, assignor to Certain-Teed Products Corporation, New York, N. Y. Covering element. 2,138,464; Nov. 29.
- Walton, Albert Jr., Springfield, assignor to Old Colony Envelope Company, Westfield, Mass. Truck. 2,133,126; Oct. 11.
- Walton, Arthur B., assignor, by mesne assignments, to L. S. Jack, Detroit, Mich. Oil burner. 2,141,283; Dec. 27.
- Walton, George W., London, England. Television and the like apparatus. 2,110,945; Mar. 15.
- Walton, George W., assignor to Scophony Limited, London, England. Picture recording and reproducing system. 2,112,002; Mar. 22.
- Walton, Lester G. (See Ford, W. H., and Walton.)
- Walton, Milford T. (See Legg, D. A., and Walton.)
- Walton, Robert, et al. (See Humphreys, Edwin W. A. and P. H. I., and Key.)
- Walton, William C. (See Kemp, A. Winckler, and Walton.)
- Waltz, Foster V., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,109,001; Feb. 22.
- Waltzinger, August F., Jackson Heights, assignor to H. K. Lorentzen, New York, N. Y. Venetian blind hardware. 2,130,403; Sept. 20.
- Walworth Patents Inc. (See Aderhold, J. E., Jr., and Duemler, assignors.)
- Walworth Patents Inc. (See Henderson, Albert J., assignor.)
- Walworth Patents Inc. (See McCarthy, Harry, assignor.)
- Walworth Patents, Inc. (See Stenwall, Alfred, assignor.)
- Walz, Carl F., Minneapolis, Minn. Connector strip and frost shield using the same. 2,111,343; Mar. 15.
- Walz, Richard F. (See Lemmon, W. S., Doty, Walz, and Holt.)
- Wannpner, Herbert L., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Transferring markings. 2,135,446; Nov. 1.
- Wamser, Charles J., Milwaukee, Wis. Illuminated sign. 2,104,337; Jan. 4.
- Wamser, Charles J., Milwaukee, Wis. Interchangeable sign. 2,113,285; Apr. 5.
- Wamser, Heinrich, Chemnitz Borna, Germany. Paper-cutting appliance. 2,141,574; Dec. 27.
- Wanamaker, Ernest, Chicago, Ill. Air conditioning system. 2,106,515; Jan. 25.
- Wanamaker, Ernest, Chicago, Ill. Air conditioning. 2,130,606; Sept. 20.
- Wanamaker, Harry F., assignor to Procter & Schwartz, Incorporated, Philadelphia, Pa. Rest. 2,132,331; Oct. 4.
- Wandell, James W., assignor to Browne Vintners Co., Inc., New York, N. Y. Bottle valve. 2,108,933; Feb. 22.
- Wanderer Werke vorm. Winkhofer & Jaenicke Akt. Ges. (See Ewald, Heinrich K. F., assignor.)
- Wanderer Werke vorm. Winkhofer & Jaenicke Akt. Ges. (See Ewald, H. K. F., and Gebhardt, assignors.)
- Wanderer Werke vorm. Winkhofer & Jaenicke Akt. Ges. (See Pfeiffer, Jacob E., assignor.)
- Wanderer Werke vorm. Winkhofer & Jaenicke. (See Stuhlmacher, Richard, assignor.)
- Waner, Harry E., Akron, Ohio, assignor to The B. E. Goodrich Company, New York, N. Y. Punching implement. 2,111,753; Apr. 19.
- Wannemann, Paul, New York, N. Y. Circuit breaker for regulating the intensity of and rectifying electric currents. 2,140,343; Dec. 13.
- Wangness, Ben O., et al. (See Lanning, Gaylord, assignor.)



- Wann, Richard H., assignor to Sears, Roebuck and Co., Chicago, Ill. Garment. 2,138,588; Nov. 29.
- Wanshenk, Ossip B., New York, N. Y., assignor, by mesne assignments, to Kraft-Phenix Cheese Corporation, Chicago, Ill. Making therapeutic compounds. 2,123,218; July 12.
- Wanske, Kurt, Berlin-Lichtenrade, assignor to Norddeutsche Kabelwerke Aktiengesellschaft, Berlin-Neukölln, Germany. Electric cable. 2,126,069; Aug. 9.
- Wantz, Julius B., River Forest, and A. J. Kizaur, Cicero, assignors to General Electric X-Ray Corporation, Chicago, Ill. Making a radiographic diaphragm. 2,115,755; May 3.
- Wantz, Julius B., Oak Park, and J. J. Grobe, Chicago, Ill., assignors to General Electric X-Ray Corporation. Serial roentgenogram apparatus. 2,118,449; May 24.
- Wappler, Frederick C., New York, N. Y. Blunted endoscopic instrument. 2,112,056; Mar. 22.
- Wappler, Frederick C., New York, N. Y. Endoscopic forceps. 2,113,246; Apr. 5.
- Wappler, Frederick C., New York, N. Y. Catheter stylet. 2,118,631; May 24.
- Wappler, Frederick C., New York, N. Y. Cystoscopic armamentarium. 2,120,996; June 21.
- Wappler, Frederick C., New York, N. Y. Electrotherapy. 2,126,070; Aug. 9.
- Wappler, Frederick C., New York, N. Y. Diagnostic instrument. 2,129,390; Sept. 6.
- Wappler, Frederick C., New York, N. Y. Endoscopic instrument. 2,129,391; Sept. 6.
- Wappler, Frederick C., New York, N. Y. Endoscopic tube and obturator therefor. 2,131,924; Oct. 4.
- Ward, Ashley F. (See Coffts, James, assignor.)
- Ward, Ferrari P., Hartford, Conn., assignor to The Billings & Spencer Company. Ratchet wrench. 2,138,331; Nov. 29.
- Ward, Frank A., Hollister, Calif. Swedger. 2,130,051; Sept. 13.
- Ward, George E., Dunn-Loring, Va., L. B. Lockwood, Washington, D. C., and O. E. May, Chevy Chase, Md., assignors to Secretary of Agriculture of the United States of America. Fermentation process for the manufacture of dextro-lactic acid. 2,132,712; Oct. 11.
- Ward, George P., Marianao, Cuba, assignor to The Babcock & Wilcox Company, Newark, N. J. Apparatus for burning bagasse and like fuels. 2,114,619; Apr. 19.
- Ward, Harry, and R. E. Strom, Murphys, Calif. Detachable spout for sealed cans. 2,110,250; Mar. 8.
- Ward, Howard A. (See Barker, Frederick W. and L. C.)
- Ward, James P., Jr. (See Thomas, Arvine N., assignor.)
- Ward, James W., Pittsburgh, Pa. Bookbinding. 2,125,659; Aug. 2.
- Ward, John C., Baltimore, Md. Garment. 2,133,601; Oct. 18.
- Ward, John R. H. (See Loucks, G. C., and Ward.)
- Ward, Julian P., deceased; F. Pelton, administrator, assignor to The General Coating Company, Cleveland, Ohio. Coating process. 2,114,692; Apr. 19.
- Ward, Kyle, Jr. (See Paine, H. S., and Ward.)
- Ward, Lawrence T., Kane, Pa. Liquid dispensing device. 2,115,052; Apr. 26.
- Ward, Leonard, Alamota, Kans. Insulator cap. 2,117,381; May 17.
- Ward Leonard Electric Company. (See Andrews, Rufus A., assignor.)
- Ward Leonard Electric Company. (See Howe, Kasson, assignor.)
- Ward Leonard Electric Company. (See Logan, Frank G., assignor.)
- Ward, Louis E., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of calcium metal. 2,122,446; July 5.
- Ward, Loyd A. (See Tomkins, H. A., and Ward.)
- Ward, Marshall H., Southport, assignor to Bridgeport Thermostat Company, Incorporated, Bridgeport, Conn. Thermostatic valve construction. 2,123,979; July 19.
- Ward, Michael, South Orange, N. J. Flush valve. 2,122,189; June 28.
- Ward, Richard D. (See Fletcher, Theodore, assignor.)
- Ward, Royal V., Upland, Calif. Water storage and supply system. 2,112,353; Mar. 29.
- Ward, Royal V., Upland, Calif. Reinforcing means for concrete structures. 2,123,062; Aug. 23.
- Wardell, Solomon A., Cowley, Wyo. Take-up device. 2,117,928; May 17.
- Wardell, William L., assignor to United States Rubber Products, Inc., New York, N. Y. Shoe display form. 2,124,644; July 26.
- Warden, Charles A., Kimball, W. Va., assignor to Portable Lamp & Equipment Co., Pittsburgh, Pa. Car skid. 2,132,332; Oct. 4.
- Warden, Charles A., Kimball, W. Va., assignor to Portable Lamp & Equipment Company, Pittsburgh, Pa. Splint stretcher board. 2,141,100; Dec. 20.
- Wardle, Ambrose J., assignor to The McKay Machine Company, Youngstown, Ohio. Strip uncoiler cradle. 2,122,674; July 5.
- Wardwell Braiding Machine Company. (See Bardsley, Willard W., assignor.)
- Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironing machine. 2,110,008; Mar. 1.
- Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironing machine. 2,112,744; Mar. 29.
- Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironing machine. 2,119,719; June 7.
- Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironing press. 2,135,266; Nov. 1.
- Ware, John S., et al. (See Dalton, Harold R., assignor.)
- Ware, Marsden, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,123,347; July 12.
- Ware, Marsden, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,136,162; Nov. 8.
- Ware, Paul, New York, N. Y. Radio paging system. 2,138,894; Dec. 6.
- Ware, Thomas H. (See Church, R. W., and Ware.)
- Ware, Virgil W., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of organic compounds. 2,131,925; Oct. 4.
- Ware, William B., Memphis, Tenn. Packing for hydraulic presses. 2,125,701; Aug. 2.
- Waream, Charles E., assignor to The American Laundry Machinery Company, Norwood, Ohio. Cylinder door construction. 2,120,167; June 7.
- Wareham, James K. (See Goll, F. D., and Wareham.)
- Wareing, George G., Blackfoot, Idaho. Automobile radio antenna. 2,123,389; July 12.
- Wareing, Joseph, Buffalo, N. Y. Clothespin. 2,131,081; Sept. 27.
- Warfield Company, The. (See Forsberg, A. L., and Chambers, assignors.)
- Wargin, Johanna M., et al. (See Gonsett, Robert R., assignor.)
- Wargöns Aktienolag. (See Samuelson, F. G., Jonson, and Engdahl, assignors.)
- Warham, John R., et al. (See Warham, Robert F., assignor.)
- Warham, Robert F., assignor to J. R. Warham, Oakland, and M. J. Taylor, Berkeley, Calif. Bubble blower. 2,118,748; May 24.
- Waring, Olaf I., Flushing, assignor to Ferdinand Gutmann & Co., New York, N. Y. Container closure. 2,131,774; Oct. 4.
- Waring, Olaf I., Flushing, assignor to Ferdinand Gutmann & Co., New York, N. Y. Container closure. 2,131,775; Oct. 4.
- Waring, Robert W., and R. J. Fahey, Evanston, Ill.; said Waring assignor to said Fahey. Indicating braking action. 2,124,960; July 26.
- Wark, Nicolaus, Soureth-Heerlen, Netherlands. Separating from pig-iron the vanadium contained therein. 2,104,890; Jan. 11.
- Warmington, Floyd T., and L. Rupert, Detroit, Mich., assignors to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,134,962; Nov. 1.
- Warmisham, Arthur, assignor to Hapella Limited, Leicester, England. Lens. 2,130,760; Sept. 20.
- Warmoltz, Nicolaas. (See Druyvesteyn, M. J., and Warmoltz.)
- Warmuth, Henry J. (See Palmer, R. C., and Warmuth.)
- Warnat, Kurt, Basel, Switzerland, assignor to Hoffman-La Roche, Inc., Nutley, N. J. Double salts of calcium ascorbate with calcium salts of other poly-hydroxy-mono-carboxylic acids and making them. 2,117,777; May 17.
- Warne, Frederick C., assignor to Farm Tools, Inc., Mansfield, Ohio. Wide single tractor disk harrow. 2,138,948; Dec. 6.
- Warnecke, Robert. (See Gutton, H., and Warnecke.)
- Warnecke, Robert, assignor to Compagnie Generale de Telegraphie Sans Fils, Paris, France. Electron discharge tube. 2,111,256; Mar. 15.
- Warner, Arthur L., assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Grinding machine. 2,105,872; Jan. 18.
- Warner, Arthur L., Elgin, assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Pitman pin bearing. 2,123,757; July 12.
- Warner, Arthur L., assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Work holder for mower sections. 2,138,264; Nov. 29.
- Warner, Arthur W., Media, and R. F. Ballard, Chester, assignors to Tunnel and Mine Machinery Company, Philadelphia, Pa. Block placing apparatus. 2,128,172; Aug. 23.
- Warner Bros. Pictures, Inc. (See Munson, Arthur W., assignor.)
- Warner Bros. Pictures, Inc. (See Tondreau, Albert W., assignor.)
- Warner, Delno O., Thompson Township, Delaware County, Ohio. Hay loading device. 2,117,110; May 10.
- Warner, George C., La Porte, Ind., assignor to De Luxe Products Corporation. Cartridge winding machine. 2,141,144; Dec. 20.
- Warner, Jerome, Buffalo, N. Y. Ornamental jewelry box. 2,116,810; May 10.
- Warner, John L., Fremont, Nebr. Automatic air regulator for incubators. 2,107,809; Feb. 8.
- Warner Machine Products, Inc. (See Hill, Robert H., assignor.)
- Warner, Maurice L., assignor to The Silex Company, Hartford, Conn. Holder. 2,142,019; Dec. 27.
- Warner, Norman E., Seattle, Wash. Troll line stabilizer. 2,115,375; Apr. 26.



- Warner, Robert L. L., Los Angeles, assignor of one-third to R. O. Atkinson, and one-third to H. H. Smith, Los Angeles County, Calif. Exhibiting machine. 2,117,045; May 10.
- Warner, Sterling W., and L. B. Case, assignors to John Waldron Corporation, New Brunswick, N. J. Rewinder. 2,141,629; Dec. 27.
- Warner & Swasey Company, The. (See Bogart, Fred H., assignor.)
- Warner & Swasey Company, The. (See Lange, M. E., and Darash, assignors.)
- Warner & Swasey Company, The. (See Lange, M. E., and Van Hamersveld, assignors.)
- Warner, William R., & Co. (See Goedrich, Paul, assignor.)
- Warnke, Herbert R., New York, assignor to Control Instrument Company, Inc., Yonkers, N. Y. Telephonic device. 2,109,761; Mar. 1.
- Warnke, Herbert R., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Magnetic unit. 2,115,795; May 3.
- Warnke, Herbert R., Camden, N. J., assignor to Radio Corporation of America. Sound translating device. 2,123,640; July 12.
- Waropa A. G. (See Roos, Walther, assignor.)
- Warp, Harold, Chicago, Ill. Composition of matter. 2,141,575; Dec. 27.
- Warr, Harold, Detroit, Mich. Combined combustion chamber and heat exchanger. 2,135,547; Nov. 8.
- Warr, Harold G., Park Ridge, Ill., assignor, by mesne assignments, to Poor & Company. Rail and wheel flange lubricator. 2,104,176; Jan. 4.
- Warr, Harold G., Park Ridge, Ill., and R. A. McLaughlin, Canton, Ohio, assignors, by mesne assignments, to Poor & Company. Flattening end portions of a bar. 2,141,576; Dec. 27.
- Warren, Donald M., West Lafayette, Ind. Toy garage and the like. 2,104,628; Jan. 4.
- Warren, Donald M., West Lafayette, Ind. Toy structure. 2,112,474; Mar. 29.
- Warren, Elmer P., administrator. (See Hood, Orla E.)
- Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for elastic fluid turbines. 2,113,416; Apr. 5.
- Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,121,645; June 21.
- Warren, Harlow, Pittsburgh, Pa. Tape for Venetian blinds. 2,123,817; July 12.
- Warren, John W., Knoxville, Tenn. Building unit and wall. 2,106,387; Jan. 25.
- Warren, Kenneth W., assignor to Bendix Aviation Corporation, South Bend, Ind. Shock strut. 2,130,914; Sept. 20.
- Warren, Le Roy H., Struthers, Ohio. Removable tube burner. 2,130,165; Sept. 13.
- Warren, Myron W., Rantoul, Ill. Double acting foot pedal and operating means. 2,111,686; Mar. 22.
- Warren, S. D., Company. (See Reilly, Arthur, assignor.)
- Warren, S. D., Company. (See Terry, Killey E., assignor.)
- Warren Telechron Company. (See Bourquin, Edgar, assignor.)
- Warren Trailer Parts Manufacturing Company. (See Horsfield, George, assignor.)
- Warren, Virgil P., Atlanta, Ga. Dehydrating and defrosting showcase refrigerator. 2,128,386; Aug. 30.
- Warren, Webster & Company. (See Kamsvaag, Gudmund, assignor.)
- Warren, William A., Long Beach, and C. E. Bowers, Los Angeles, Calif. Automatic leveling ladder. 2,109,787; Mar. 1.
- Warren, William H., assignor to Western Electric Company, Incorporated, New York, N. Y. Antenna system. 2,126,295; Aug. 9.
- Warren, William W., Pittsburgh, assignor of one-half to S. C. Stimmel, Fox Chapel, Pa. Refrigerator. 2,109,002; Feb. 22.
- Warrick, Charles F., assignor to Bender Warrick Corporation, Detroit, Mich. Electrical control. 2,110,313; Mar. 8.
- Warrick, Jane E., Tampa, Fla. Valve. 2,106,310; Jan. 25.
- Warrington, Albert R. V., Springfield, Pa., assignor to General Electric Corporation. Protective apparatus. 2,131,608; Sept. 27.
- Warsaw, Philip, Chicago, Ill. Tooth brush. 2,114,947; Apr. 19.
- Warsaw, Nathan, Brooklyn, N. Y. Photograph mounting. 2,140,660; Dec. 20.
- Warsaw, Nathaniel. (See Shepard, F. J., Jr., and Warsaw.)
- Warsawsky, Isidor, assignor of twenty-eight and one-third percent to J. Warsawsky and twenty-eight and one-third percent to N. Warsawsky, Brooklyn, N. Y. Electric clock. 2,127,935; Aug. 23.
- Warsawsky, Jacob, et al. (See Warsawsky, Isidor, assignor.)
- Warsawsky, Nettle, et al. (See Warsawsky, Isidor, assignor.)
- Warth, Albin H., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container closure and lining material therefor. 2,138,439; Nov. 20.
- Warwick Chemical Co. (See Chamberlin, Dale S., assignor.)
- Warwick, H. Paul. (See Legler, Henry, assignor.)
- Warwick, Harold L., Fort Worth, Tex., assignor to G. M. Basford Company, New York, N. Y. Therapeutic treatment. 2,123,980; July 19.
- Warwood, William E., Toronto, Ontario, Canada. Gas producing and smoke consuming firebox and down draft kiln. 2,104,781; Jan. 11.
- Wasberg, Axel, Chicago, Ill. Railway car structure. 2,114,754; Apr. 19.
- Wasberg, Axel, assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car structure. 2,109,515; Mar. 1.
- Wasberg, Axel, assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car structure. 2,109,516; Mar. 1.
- Wasberg, Axel, assignor to Chicago Railway Equipment Company, Chicago, Ill. Car door operating mechanism. 2,114,755; Apr. 19.
- Wasberg, Axel, assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car structure. 2,114,756; Apr. 19.
- Waschau, Paul W., Chicago, Ill. Price register. 2,140,253; Dec. 13.
- Waseige, Charles, Rueil-Malmaison, France. Propelling device for aeroplanes. 2,120,821; June 14.
- Waseige, Charles B., Rueil-Malmaison, assignor to Societe Anonyme Air Equipment, Billancourt, Seine, France. Driving mechanism. 2,123,219; July 12.
- Washburn Company, The. (See Andrews, C., and Hannon, assignors.)
- Washburn Company, The. (See Dreyfuss, Henry, assignor.)
- Washburn Company, The. (See Hindes, Howard W., assignor.)
- Washburn, Edward W., deceased, Washington, D. C.; L. R. Alden, executor of said E. W. Washburn, assignor to American Security and Trust Company, trustee, Washington, D. C. Kinds of water and producing them. 2,108,570; Feb. 15.
- Washburn Wire Company. (See Simons, Abraham, assignor.)
- Washington Chocolate Company. (See Stokes, William W., assignor.)
- Washington Institute of Technology, Inc., The. (See Brockstedt, Theophile E., assignor.)
- Washington Institute of Technology, Inc. (See Davies, Gomer L., assignor.)
- Washington Institute of Technology, Inc. (See Davies, G. L., and Orton, assignors.)
- Washington Institute of Technology, Inc. (See Holmes, William I., assignor.)
- Washington Institute of Technology, Inc. (See Horsman, Harold M., assignor.)
- Washington Institute of Technology, Inc. (See Kear, Frank G., assignor.)
- Washington Institute of Technology, Inc. (See Kear, F. G., Davies, and Orton, assignors.)
- Washington Institute of Technology, Inc. (See Lydrand, Daniel O., assignor.)
- Washington Institute of Technology, Inc. (See Wintermute, G. H., and Davies, assignors.)
- Washo, William, Los Angeles, Calif., assignor to Pacific Clay Products. Casting clay pipe. 2,109,078; Feb. 22.
- Wasley, Irving J., Bristol, Conn. Safe. 2,125,139; July 26.
- Wassell, Harold J. H., Chelmsford, England, assignor to Radio Corporation of America. Thermostatically controlled apparatus. 2,129,803; Sept. 13.
- Wassell, William S., Philadelphia, Pa. Carton. 2,138,364; Nov. 29.
- Wasser, Joseph C., Caseyville, Ill. Repairing gas lines. 2,113,204; Apr. 5.
- Wasserkampf, Alfons, Hanover, assignor to O. Lauenstein, Wernigerode/Harz, Germany. Device for stretching saw blades, particularly in sawmills. 2,113,909; Apr. 12.
- Wasserlauf, Adolph. (See Green, Harry, assignor.)
- Wassmansdorff, Hans. (See Kaden, H., Thomas, and Wassmansdorff.)
- Wasson, Clinton L., Muncie, Ind. Forming zinc sheets. 2,139,215; Dec. 6.
- Wasson, John E., Roxbury, and V. J. Bean, Newton Highlands, assignors to Emerson Apparatus Company, McRose Highlands, Mass. Steam heating system. 2,125,839; Aug. 2.
- Wasson, Jones I., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating composition. 2,108,954; Feb. 22.
- Wasson, Jones I., Elizabeth, N. J., assignor to Standard Oil Development Company. Blended oils. 2,115,354; Apr. 26.
- Wasson, Jones I., assignor to Standard Oil Development Company, Elizabeth, N. J. Lubricating composition and manufacturing the same. 2,133,493; Oct. 18.
- Wasson, Robert A. (See Downs, S. H., and Wasson.)
- Wastman, Gotthard, Husumverken, Sweden. Dispensing device. 2,127,794; Aug. 23.
- Watanabe, Yoshito, Kinukake-cho, Suma-ku, Kobe, Japan. Selector apparatus. 2,116,900; May 10.
- Watanabe, Yoshito, Kinukake-cho, Suma-ku, Kobe, Japan. Relay system for measuring the time of the continuous flow of an electric current. 2,118,424; May 24.
- Watanabe, Yoshito, Kinukake-cho, Suma-ku, Kobe, Japan. Automatic telegraph receiving machine. 2,119,064; May 31.



- Watanabe, Yoshito, Kinukake-cho, Suma-ku Kobe, Japan. Multiple selector system. 2,126,846; Aug. 16.
- Watanabe, Yoshito, Suma-ku, Kobe, Japan. Automatic telegraph receiving machine. 2,130,166; Sept. 13.
- Waterbury Clock Company. (See Dorr, W. C., and Putnam, assignors.)
- Waterbury Clock Company, The. (See Kohlhausen, Walter, assignor.)
- Waterbury Farrel Foundry & Machine Company, The. (See Pierson, William D., assignor.)
- Waterbury Farrel Foundry & Machine Company. (See Pierson, W. D., and Jackman, assignors.)
- Waterbury Farrel Foundry & Machine Co., The. (See Werner, J., and Kroupsky, assignors.)
- Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, Richard L., assignor.)
- Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, R. L., and Hoyt, assignors.)
- Waterbury Farrel Foundry & Machine Co., The. (See Wilcox, R. L., Werner, and Kroupsky, assignors.)
- Waterbury, John H., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting construction. 2,113,777; Apr. 12.
- Waterbury Lock & Specialty Company. (See Evans, William E., assignor.)
- Waterbury, Ronald J., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Striker plate. 2,133,602; Oct. 18.
- Waterbury Tool Company, The. (See Foisy, George A., assignor.)
- Waterbury Tool Company, The. (See Gros, Henry G., assignor.)
- Waterbury Tool Company, The. (See Rose, Edwin L., assignor.)
- Waterbury Tool Company, The. (See Rose, E. L., and Hodgman.)
- Waterbury Tool Company, The. (See Rose, E. L., and Tweedale, assignors.)
- Waterbury Tool Company, The. (See Thompson, Edward A., assignor.)
- Waterbury Tool Company, The. (See Tweedale, Ralph L., assignor.)
- Waterloo Register Company. (See Oltrogge, Frederick C., assignor.)
- Waterman, Arthur C., Shreveport, La. Incinerator. 2,121,514; June 21.
- Waterman Company, L. E. (See Larsen, Gabriel, assignor.)
- Waterman, Edwin H., Munhall, Pa. Door latch. 2,132,590; Oct. 11.
- Waterman, Hein L., Delft, and C. Van Vlodrop, Rotterdam, Netherlands, assignors to Imperial Chemical Industries Limited. Treatment of solids. 2,129,596; Sept. 6.
- Waterman, Hein L., J. J. Leendertse, and W. J. C. de Kok, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Reacting fluid reagents. 2,133,735; Oct. 18.
- Waterman, Max L. (See Fleckenstein, G. A., and Waterman.)
- Waterman, Max L., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine cabinet. 2,133,127; Oct. 11.
- Waterman, Max L., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,137,211; Nov. 15.
- Waters, Dorse M., Olean, N. Y. Gas burner. 2,111,827; Mar. 22.
- Waters, Granville A., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Making squirrel cage rotors. 2,125,970; Aug. 9.
- Waters, Harry P., New York, N. Y. Wirelessly operated electrical decorative light. 2,121,460; June 21.
- Waters, Harry F., New York, N. Y. Machine for manufacturing bags. 2,125,758; Aug. 2.
- Waters, Harry F., New York, N. Y. Wirelessly energized electrical appliance. 2,133,494; Oct. 18.
- Waters, Harry F., assignor of a joint equal interest to V. N. Barrington, New York, N. Y. Sheet material and articles made therefrom. 2,109,558; Mar. 1.
- Waters, Lawrence W., Los Angeles, Calif. Windshield wiper. 2,131,341; Sept. 27.
- Waters, William E., Plymouth, N. C. Tooth brush. 2,111,880; Mar. 22.
- Watinsky, David, Mount Vernon, N. Y. Bathing suit. 2,115,833; May 3.
- Watinsky, David, Mount Vernon, N. Y. Bathing suit. 2,118,958; May 31.
- Watkin, Harold G., Liverpool, England. Electric welding machine. 2,130,657; Sept. 20.
- Watkins, Charles W. (See Loose, K. D., Watkins, and Green.)
- Watkins, Edward G., assignor to Simplex Time Recorder Co., Gardner, Mass. Card-controlled impression mechanism. 2,127,897; Aug. 23.
- Watkins, Edward G., and J. A. Dell, assignors to Simplex Time Recorder Company, Gardner, Mass. Ribbon shift mechanism. 2,135,156; Nov. 1.
- Watkins, Ernest. (See Tanner, C. H., and Watkins.)
- Watkins, Frederic M. (See Wittkuhn, B. A., and Watkins.)
- Watkins, Frederic M., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Positional control system. 2,141,056; Dec. 20.
- Watkins, Frederick A., Highland Park, Ill. Automobile safety system. 2,139,919; Dec. 13.
- Watkins, George E., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. File cabinet. 2,116,370; May 3.
- Watkins, Grace W., assignor to The Strathmore Company, Aurora, Ill. Educational device. 2,137,736; Nov. 22.
- Watkins, James R., Niles Center, Ill. Container. 2,141,497; Dec. 27.
- Watkins, Parke H., Sandusky, Ohio, assignor, by mesne assignments, to United States Rubber Products, Inc., New York, N. Y. Manufacture of rubber films. 2,132,501; Oct. 11.
- Watkins, Parke H., Sandusky, Ohio, assignor, by mesne assignments, to United States Rubber Products, Inc., New York, N. Y. Manufacture of rubber films. 2,132,502; Oct. 11.
- Watkins, William E., Hemet, Calif. Subirrigation device. 2,105,800; Jan. 18.
- Watkins, William W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of polyvinyl alcohol. 2,130,212; Sept. 13.
- Watling, Burns S., assignor to Watling Scale Company, Chicago, Ill. Coin controlled amusement apparatus. 2,124,838; July 26.
- Watling, Burns S., assignor to Watling Scale Company, Chicago, Ill. Counting register for coin controlled mechanisms. 2,139,920; Dec. 13.
- Watling, John, assignor to Watling Scale Company, Chicago, Ill. Racing game. 2,141,777; Dec. 27.
- Watling Scale Company. (See Watling, Burns S., assignor.)
- Watling Scale Company. (See Watling, John, assignor.)
- Watrous, Ward W., Jr., Verona, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Anode support. 2,129,392; Sept. 6.
- Watrous, William R., assignor to H. C. Bates, Chester, Conn. Manicure buffer. 2,113,552; Apr. 5.
- Watsky, James, New York, N. Y. Pop-up menu and the like cards. 2,114,824; Apr. 19.
- Watson, Charles B., assignor of forty-nine per cent to F. G. Johnson, Omaha, Nebr. Traffic signal. 2,117,639; May 17.
- Watson, Claude W., Dobbs Ferry, assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 2,132,137; Oct. 4.
- Watson, Cornelius B., Winnetka, assignor to The Pure Oil Company, Chicago, Ill. Barometric device. 2,116,991; May 10.
- Watson, David M. (See Bilger, W. A., and Watson.)
- Watson, Earl, and H. R. Baker, Buffalo, N. Y. Machine for printing commercial paper instruments. 2,141,577; Dec. 27.
- Watson, Edgar. (See Nelson, J. M., Jr., and Watson.)
- Watson, Edward F. (See Corwin, T. L., Swezey and Watson.)
- Watson, Edward F. (See Lang, W. Y., and Watson.)
- Watson, Edward F., Larchmont, assignor to American Telephone and Telegraph Company, New York, N. Y. Apparatus and method for the electrical transmission of pictures. 2,115,894; May 3.
- Watson, F. H., Company, The. (See Hillier, Robert E., assignor.)
- Watson, Frank C., Chester, Pa. Sheet metal structure. 2,122,629; July 5.
- Watson, Frank H., Jonesboro, Ark. Valve stem and check valve therefor. 2,106,671; Jan. 25.
- Watson, Frank L., Walled Lake, Mich. Brake actuating trailer coupling. 2,125,702; Aug. 2.
- Watson, George V., et al. (See Sinning, Roy B., assignor.)
- Watson, Glenn W., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,116,649; May 10.
- Watson, Harley M., Omaha, Nebr. Tire patch. 2,130,658; Sept. 20.
- Watson, Harry C., assignor to American Electric Fusion Corporation, Chicago, Ill. Pulley. 2,120,383; June 14.
- Watson, Harry J. (See Besch, John O., assignor.)
- Watson, Henry G., Camberwell, Victoria, and H. C. Mitchell, Ascot Vale, Victoria, assignors to Duplex Totalizers Proprietary Limited, Melbourne, Victoria, Australia. Totalizer. 2,132,910; Oct. 11.
- Watson, James B., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lubricating system with two pumps. 2,134,161; Oct. 25.
- Watson, Kenneth M., assignor to Universal Oil Products Company, Chicago, Ill. Preparation of hydrocarbon polymerizing catalysts. 2,120,723; June 14.
- Watson, Leston, Ardmore, Okla. Drilling mechanism. 2,107,556; Feb. 8.
- Watson, Lloyd W., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter. 2,104,473; Jan. 4.
- Watson, Mary L., administratrix. (See Watson, William H.)
- Watson, Samuel H., Jr., Audubon, N. J., assignor to Radio Corporation of America. Outlet. 2,111,713; Mar. 22.
- Watson, William H., deceased, Wichita, Kans.; M. L. Watson, administratrix. Steam generator. 2,110,432; Mar. 8.
- Watson, William O. (See Berlin, D. R., and Watson.)
- Watson, William O. (See Tydon, W., and Watson.)



- Watson-Williams Manufacturing Company. (See Spencer, Philip L., assignor.)
- Watson-Williams Manufacturing Company. (See Spencer, P. L., and Dodge, assignors.)
- Watt, Burton L., Marquette, Mich., and J. J. Smith, Seattle, Wash., assignors to Griplock, Inc., New York, N. Y. Wire strapping tool. 2,124,991; July 26.
- Watt, James B., St. Helens, England, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Drawing sheet glass. 2,137,120; Nov. 15.
- Watt, William W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,117,929; May 17.
- Wattie, William M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Making cylinder gears. 2,123,265; July 12.
- Wattie, William M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Smash preventer for shuttle changing looms. 2,123,266; July 12.
- Watts, Albert E., Montreal, Quebec, Canada. Boiler. 2,105,801; Jan. 13.
- Watts, Cecil E., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Antifreeze compositions. 2,119,506; May 31.
- Watts, Charles E., et al. (See Hailey, Sam W., assignor.)
- Watts, Clarence E., Windber, Pa. Mine car axle mounting. 2,140,038; Dec. 13.
- Watts, Felix J., assignor to Utility Patent Trust No. 17,938, Union Guardian Trust Co., Detroit, Mich. Mounting means for lamps in headlights of automobiles. 2,121,310; June 21.
- Watts, George W., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Heating hydrocarbon fluids. 2,108,397; Feb. 15.
- Watts, George W., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Tubular connection. 2,109,915; Mar. 1.
- Watts, Harry W., Maplewood, N. J., assignor to The Edward J. Hoff Company, Cincinnati, Ohio. Venetian blind mechanism. 2,115,475; Apr. 26.
- Watts, John S., East Orange, N. J. Reagent feeder. 2,128,721; Aug. 30.
- Watts, Noble H. (See Holm-Hansen, O., and Watts.)
- Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Vacuum cleaner. 2,136,268; Nov. 8.
- Watts, Perley I., Rockland, assignor of one-half to E. A. Hebert, Brookville, Mass. Arch-supporting shoe. 2,140,404; Dec. 13.
- Watts, Thomas R., Forest Hills, and J. H. Frakes, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Portable insulation testing equipment. 2,130,865; Sept. 20.
- Watts, Thomas W. (See Buchanan, J. R., and Watts.)
- Watts, William H., et al. (See Hailey, Sam W., assignor.)
- Watts, William S., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,118,123; May 24.
- Watson, Robert K., assignor to Kansas City Smelting Company, Kansas City, Mo. Metal toning and treating capsule. 2,138,286; Nov. 29.
- Waudby, Walter, Boulogne sur Seine, France, assignor to American Radiator Company, New York, N. Y. Boiler. 2,136,175; Nov. 8.
- Waugh Equipment Company. (See Clark, Leverett M., assignor.)
- Waugh Equipment Company. (See Munro, G. R., and Dilg, assignors.)
- Waugh, Thomas. (See Canfield, R. W., and Waugh.)
- Waukesha Motor Company, et al. (See Anderegg, Ruben H., assignor.)
- Wauch, Robert, Salem, assignor to B. B. Smith, Silverton, Oreg. Cutting block. 2,105,560; Jan. 18.
- Wautlet, Camille E., Woluwe-Saint-Pierre, Brussels, Belgium. Air conditioning process. 2,133,677; Oct. 18.
- Waverly Heating Supply Co., The. (See Harrington, James H., assignor.)
- Waverly Heating Supply Co., The. (See Healy, Harold T., assignor.)
- Waxelbaum, Sol J., Atlanta, Ga. Shoe. 2,111,378; Mar. 15.
- Waxelbaum, Sol J., Atlanta, Ga. Shoe. 2,221,613; Mar. 29.
- Wayland, Edwin M., Coveseville, Va. Means for drying fruit. 2,124,381; July 19.
- Wayland, Frank, Camden, N. J. Skin, hide and leather working machine. 2,109,739; Mar. 1.
- Wayland, Frank, Salem, Mass. Skin, hide, and leather working machine. 2,137,866; Nov. 22.
- Wayne Company. (See Slye, Edward A., assignor.)
- Wayne, Edward R. (See Kahn, F., and Wayne.)
- Wayne Pump Company, The. (See Carroll, William M., assignor.)
- Wayne Pump Company, The. (See Farnham, I. R., Sturm, and Mueller, assignors.)
- Wayne Pump Company, The. (See Jauch, R. J., and Pepper, assignors.)
- Wayne, Truman B., Houston, Tex. Resolving emulsions. Re. 20,717; May 3.
- Wean Engineering Co., The. (See McClure, Robert E., assignor.)
- Wean Engineering Co. (See Wean, Raymond J., assignor.)
- Wean Engineering Company, The. (See Wean, R. J., and McArthur, assignors.)
- Wean, Raymond J., assignor to The Wean Engineering Co., Inc., Warren, Ohio. Method and apparatus for making sheet metal. 2,120,318; June 14.
- Wean, Raymond J., and D. A. McArthur, assignors to The Wean Engineering Company, Incorporated, Warren, Ohio. Coiling reel. 2,117,640; May 17.
- Wean, Raymond J., and L. D. Peik, Warren, Ohio, assignors, by mesne assignments, to The American Foundry Equipment Company, Mishawaka, Ind. Treating metal surface. 2,118,832; May 31.
- Wean, Raymond J., and L. D. Peik, Warren, Ohio, assignors, by mesne assignments, to The American Foundry Equipment Company, Mishawaka, Ind. Cleaning metal plates. 2,131,776; Oct. 4.
- Wear, Frank, and A. K. Whyte, Toronto, Ontario, Canada, assignors to General Electric Company. Lamp socket. 2,120,879; June 14.
- Weathered, George C., assignor to Cellufoam Corporation, Chicago, Ill. Producing layers of distended fibrous material. 2,105,711; Jan. 18.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Brake cylinder assembly and making same. 2,107,403; Feb. 8.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Making refrigerator valves. 2,126,594; Aug. 9.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Brake. 2,131,459; Sept. 27.
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Hose coupling and making same. 2,133,313; Oct. 18.
- Weatherhead Company, The. (See Crawley, Charles H., assignor.)
- Weatherhead Company, The. (See Hawks, William K., assignor.)
- Weatherhead Company, The. (See Stecher, Henry D., assignor.)
- Weatherhead Company, The. (See Weatherhead, Albert J., assignor.)
- Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)
- Weathers, Paul, Audubon, N. J., assignor to Radio Corporation of America. High fidelity receiving system. 2,141,426; Dec. 27.
- Weathershields Limited. (See Bishop, William H., assignor.)
- Weaver, Carrie J., executrix. (See Weaver, William B.)
- Weaver, Elbert F. (See Stockdale, S. W., Weaver, and Tinnes.)
- Weaver, Elverton W., Cleveland Heights, Ohio. Umbrella construction. 2,111,578; Mar. 22.
- Weaver, Harry E., South Euclid, Ohio, assignor to Bailey Meter Company. Control system. 2,116,992; May 10.
- Weaver, Jesse M., Charleston, S. C., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Heat insulating tape. 2,129,110; Sept. 6.
- Weaver, John A., York, Pa. License plate holder. 2,110,515; Mar. 8.
- Weaver, Lisle M. (See Kobe, Herman J., assignor.)
- Weaver Manufacturing Company. (See Squyer, Albert R., assignor.)
- Weaver, May, Lakewood, Ohio. Lamp. 2,118,749; May 24.
- Weaver, Stuart E. (See Parkinson, R. R., and Weaver.)
- Weaver, William A., Coventry, and M. Hamilton-Fletcher, Studland, Dorset, England. Compression-ignition internal combustion engine. 2,111,828; Mar. 22.
- Weaver, William B., deceased, by C. J. Weaver, executrix, Birmingham, Ala. Casting brake shoes centrifugally. 2,136,899; Nov. 15.
- Webb Belting Company. (See Miller, Clarence L., assignor.)
- Webb, Byron H., Washington, D. C., assignor to Secretary of Agriculture of the United States of America. Fruit whip and the preparation thereof. 2,131,650; Sept. 27.
- Webb, Byron H., Washington, D. C., and G. A. Ramsdell, Arlington, Va., dedicated to the free use of the People of the United States. Preparing a useful milk serum or whey product. 2,119,614; June 7.
- Webb, Carroll C., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for producing asphalt. 2,106,583; Jan. 25.
- Webb, David E., assignor of twenty percent to R. C. P. Lodge, New York, N. Y. Hydraulic locking means for motor vehicles. 2,111,687; Mar. 22.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Spring damping truck. Re. 20,723; May 10.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Slide bearing for car trucks. 2,108,220; Feb. 15.
- Webb, George. (See Chico, R., Porter, and Webb.)
- Webb, George, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Framework and ending for dishwashing machines. 2,101,938; Jan. 11.
- Webb, George, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Washing and drying machine. 2,114,893; Apr. 19.



- Webb, George, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Dish carrier for dishwashing machines. 2,114,894; Apr. 19.
- Webb-Glade Pump Association. (See Rawls, Paul C., assignor.)
- Webb, Hartwell W., Flint, assignor to General Motors Corporation, Detroit, Mich. Making flexible tubing. 2,135,651; Nov. 8.
- Webb, J. A., Belting Co. (See Webb, James A., assignor.)
- Webb, James A., New York, N. Y. Window ventilator. 2,121,646; June 21.
- Webb, James A., assignor to J. A. Webb Belting Co., Inc., Buffalo, N. Y. Machine for making multi-ply belting. 2,119,476; May 31.
- Webb, Jervis B., Royal Oak, Mich. Equalizing drive for conveyor systems. 2,130,433; Sept. 20.
- Webb, John B., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Pothead fitting. 2,104,108; Jan. 4.
- Webb, John K., Aldwych, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Joint for high tension electric cables. 2,105,567; Jan. 18.
- Webb, Nelson W. (See Specht, H. G. and Webb.)
- Webb, Nelson W., assignor to Eastwood-Nealley Corporation, Belleville, N. J. Woven wire belt and making the same. 2,116,811; May 10.
- Webb, Nelson W., assignor to Eastwood-Nealley Corporation, Belleville, N. J. Seam-wire and making wire-cloth seams. 2,116,812; May 10.
- Webb, Nelson W., assignor to Eastwood-Nealley Corporation, Belleville, N. J. Woven wire fabric for dandy rolls, cylinder molds, or the like, for paper making machines. 2,134,293; Oct. 25.
- Webb, Wells A., Wilmington, assignor to Dry Fruit Products Company, Oakland, Calif. Puffing and dehydrating fruit. 2,110,184; Mar. 8.
- Webb, Wells A., Berkeley, Calif. Concentration of isotopes. 2,137,430; Nov. 22.
- Webb, Wesley D., Milwaukee, Wis., assignor to Mac-it Parts Company, Lancaster, Pa. Closed head socket-head screw or bolt. 2,133,409; Oct. 18.
- Webber, Calvin R., Brooklyn, N. Y., assignor to Packers Tar Soap, Inc. Package. 2,108,278; Feb. 15.
- Webber, E. E. (See Hammerbeck, Alden E., assignor.)
- Webber, Ray R., Cleveland, Ohio. Truck. 2,129,340; Sept. 6.
- Webby, Clive N., Riverlea, Taranaki, New Zealand. Valve for controlling high pressures. 2,123,324; July 12.
- Weber, Albert L. (See McLean, H. C., and Weber.)
- Weber, David, & Co. (See Weber, Isadore H., assignor.)
- Weber, Edna C. (See George, S. C., and (Weber, assignor).)
- Weber, Emil, Evansville, Ind. Shielded ash spraying device. 2,117,865; May 17.
- Weber, Ernst, Zollikon/Zurich, assignor to Matthey & Braendle, Zurich, Switzerland. Container for hot and cold liquid. 2,117,585; May 17.
- Weber, Fritz J., assignor to firm Schweizerische Lomotiv- & Maschinenfabrik, Winterthur, Switzerland. Device for printing hand-composed odd type. 2,108,357; Feb. 15.
- Weber, Harry M., Newton, Mass. Plaster bandage. 2,134,963; Nov. 1.
- Weber, Herman, assignor to Shakespeare Products Company, Kalamazoo, Mich. Control device. 2,112,722; Mar. 29.
- Weber, Herman, assignor to Shakespeare Products Company, Kalamazoo, Mich. Remote control device. 2,126,234; Aug. 9.
- Weber, Herman, assignor to Shakespeare Products Company, Kalamazoo, Mich. Control. 2,134,770; Nov. 1.
- Weber, Isadore H., assignor to David Weber & Co., Philadelphia, Pa. Container and making same. 2,110,782; Mar. 8.
- Weber, Johannes. (See Hurst, M., and Weber.)
- Weber, John J. (See George, S. C., and Weber.)
- Weber, John R. (See Baldsiefen, W. D., and Weber.)
- Weber, Joseph J., Chicago, Ill. Multiple duplicating apparatus for typewriters. 2,105,279; Jan. 11.
- Weber, Karl, assignor to C. Lorenz A. G., Berlin-Tempelhof, Germany. Printing telegraph transmitter. 2,115,185; Apr. 26.
- Weber, Louis N., assignor to Appleton Wire Works, Inc., Appleton, Wis. Woven wire belt for paper making machines. 2,132,252; Oct. 4.
- Weber, Louis W., assignor to McDonough Iron Works, Inc., Galveston, Tex. Flag for golf courses. 2,110,101; Mar. 1.
- Weber, Max, Chicago, Ill. Air circulator. 2,123,448; July 12.
- Weber, Otto. (See Gamedinger, F., and Weber.)
- Weber, Philip F., Monmouth Beach, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Indicating instrument. 2,137,194; Nov. 15.
- Weber, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier. 2,113,148; Apr. 5.
- Weber, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Band-pass filter for change of wave. 2,129,293; Sept. 6.
- Weber, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable resistance bridge circuit. 2,135,953; Nov. 8.
- Weber, Theodore R. (See Flodin, N. E., and Weber.)
- Weber, Tobias, Los Angeles, Calif. Coupler. 2,133,065; Oct. 11.
- Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Circuit breaker. 2,135,864; Nov. 8.
- Weber, Walter C., Painted Post, and E. H. Wellech, assignors to Corning Glass Works, Corning, N. Y. Coffee maker. 2,138,198; Nov. 29.
- Weber, Walter H., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor. 2,136,353; Nov. 8.
- Weber, William F., Chicago, Ill. Stapling machine core. 2,107,169; Feb. 1.
- Weber, William F., G. C. Boa, and W. G. Pankonin, assignors to Ace Fastener Corporation, Chicago, Ill. Stapling machine. 2,112,941; Apr. 5.
- Webster, Benjamin C., Southport, assignor to The Bryant Electric Company, Bridgeport, Conn. Electric lamp socket for double filament lamps. 2,129,597; Sept. 6.
- Webster, Don B., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Wheel balancing fixture. 2,120,925; June 14.
- Webster, Duane E., assignor to Norton Company, Worcester, Mass. Cutting off wheel. 2,121,751; June 21.
- Webster, Edwin M. (See Lind, F. T., and Webster.)
- Webster Electric Company. (See Daniels, Virgil L., assignor.)
- Webster Electric Company. (See Fellows, H. E., and Wiechers, assignors.)
- Webster, Frederick A., Jr., Richmond, assignor to Standard Oil Company of California, San Francisco, Calif. Lubricating grease. 2,127,497; Aug. 23.
- Webster, Fullerton D., Mountain Lakes, assignor to Federal Telegraph Company, Newark, N. J. Apparatus for diathermic treatment. 2,105,568; Jan. 18.
- Webster, Homer E., Neillsville, Wis. Low voltage fence charger. 2,127,898; Aug. 23.
- Webster Mfg Company, The. (See Morgan, Horace H., assignor.)
- Webster, Murrell M., Washington, D. C., and J. L. Finck, New York, N. Y., assignors to American Asbestos Co. Inc., Baltimore, Md. Heat insulator. 2,127,636; Aug. 23.
- Webster, Robert A., Santa Monica, Calif. Agitating or mixing apparatus. 2,104,283; Jan. 4.
- Webster, Robert A., Santa Monica, Calif. Film developing method. 2,140,438; Dec. 13.
- Webster, Samuel B., Blawnox, Pa. Die rolling. 2,141,101; Dec. 20.
- Webster, Warren, & Company. (See Moore, Ray C. and C. H., assignors.)
- Webster, Willard M., Los Angeles, Calif. Combination step and extension ladder. 2,133,003; Oct. 11.
- Webster, William R., assignor to Bridgeport Brass Company, Bridgeport, Conn. Yellow brass pipe alloy. 2,118,688; May 24.
- Webwood Corporation. (See Hoffin, Richard F., assignor.)
- Weckert, Joseph, Cloquet, Minn. Ellipse or circle compass. 2,138,414; Nov. 29.
- Weckstein, Samson M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing and closure. 2,132,838; Oct. 11.
- Weckstrom, George S., New York, N. Y. Shower curtain suspension device. 2,106,585; Jan. 25.
- Wecline Products, Inc. (See Barsky, George, assignor.)
- Weddle, Loren F., Inglewood, Calif. Latch. 2,107,066; Feb. 1.
- Wedemeyer, Herman, Detroit, Mich. Printing press portable ink fountain. 2,130,659; Sept. 20.
- Wedge, Fred D. (See Unger, P. O., and Wedge.)
- Wedge, Fred D., Lombard, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,120,659; June 14.
- Wedge, Raymond E., and O. C. Turner, said Turner assignor to E. B. Switzer, Kansas City, Mo. Cut-out for split phase motors. 2,139,531; Dec. 6.
- Wedler, Frederick C., Aiken, S. C. Jig dyeing machine and method. 2,136,571; Nov. 15.
- Wedmore, Edmund B. (See Whitney, W. B., and Wedmore.)
- Weed, Walter A., Lakeland, Fla. Grinding device. 2,107,921; Feb. 8.
- Weed, Walter A., Orlando, Fla. Grinding machine. 2,128,762; Aug. 30.
- Weed, Walter A., Orlando, Fla. Sharpening or grinding device. 2,131,530; Sept. 27.
- Week, Edmund R., Jr., Oakland, Calif. Making piston rings. 2,132,197; Oct. 4.
- Weeks, Arnold N. (See Bemis, F. G., and Weeks.)
- Weeks, Edward M. (See Weeks, Robert W., assignor.)
- Weeks, James R. (See Bertossa, Harry A., assignor.)
- Weeks, Louise D., Memphis, Tenn. Toilet seat cover. 2,111,160; Mar. 15.
- Weeks, Paul, Washington, D. C., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,125,531; Aug. 2.
- Weeks, Robert W., West Chester, Pa., assignor to E. M. Weeks, Washington, D. C. Electric power plant. 2,118,124; May 24.
- Weeks, Walter E., Baltimore, Md. Package. 2,124,324; July 19.
- Weeks, Walter R., Hamden, Conn., assignor to General Electric Company. Coffee maker handle. 2,137,884; Nov. 22.



- Weelands, Johnstone E., Verona, N. J., assignor to Bakelite Corporation, New York, N. Y. Moldable compositions. 2,120,585; June 14.
- Weeldenburg, Johannes G. (See Polak, J. J., and Weeldenburg.)
- Weems, Guy E., Rotan, Tex. Rotary stalk chopper. 2,123,579; July 12.
- Weesies, Menno E., Muskegon, assignor to Browne-Morse Company, Muskegon Heights, Mich. Filing drawer. 2,110,185; Mar. 8.
- Weesner, Walker J., assignor of one-half to R. E. Stevenson, Indianapolis, Ind. Building wall construction. 2,138,683; Nov. 29.
- Weezel Bait Company, The. (See Schilling, Willard G., assignor.)
- Wege, Peter M., East Grand Rapids, assignor to Metal Office Furniture Company, Grand Rapids, Mich. Desk structure. 2,106,544; Jan. 25.
- Wegehoff, Chris F., assignor to Kingan & Co., Incorporated, Indianapolis, Ind. Hog-tongue protector. 2,137,515; Nov. 22.
- Wegener, August F., Ridgewood, N. J. Flexible mirror novelty. 2,129,513; Sept. 6.
- Weggum, Gust, Cooley, Minn., assignor to The Reclamation Company. Cable protecting device. 2,139,396; Dec. 6.
- Wegmann, Ernst, Kloten, Zurich, Switzerland. Labyrinth packing. 2,123,818; July 12.
- Wegner, John H., Yosemite, Calif. Fire fighting tool. 2,109,488; Mar. 1.
- Wehman, William T., Elyria, Ohio, assignor to National Tube Company. Mandrel-bar cap. 2,128,032; Aug. 23.
- Wehner, Bruno, Chicago, Ill. Eyebrow plucker. 2,123,870; July 19.
- Wehner, Karl, and R. Reay, Portland, Oreg. Creasing rule. 2,114,948; Apr. 19.
- Wehnert, Waldemar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier. 2,116,719; May 10.
- Wehr, Georg. (See Schildgen, G., and Wehr.)
- Wehr, William G., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Crane scale. 2,113,336; Apr. 5.
- Wehr, William G., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Crane scale. 2,113,337; Apr. 5.
- Wehr, William G., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Brake. 2,128,387; Aug. 30.
- Wehrle, Theodor, Basel, Switzerland, assignor to the firm Deutsche Gesellschaft für Schädlingsbekämpfung m. b. H., Frankfurt-on-the-Main, Germany. Process and apparatus for exterminating pests in articles. 2,119,337; June 7.
- Wehrlin, Hans, Berlin-Lichterfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Modulating high frequency transmitters. 2,127,148; Aug. 16.
- Wehrs, Harry A. W., Bangor, Wis. Electrically controlled lock. 2,124,936; July 26.
- Weibel, Alexander R., and W. Jones, Aliquippa, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Doubles throwout for sheet feeding mechanism. 2,109,892; Mar. 1.
- Weiblen, Erwin C., Woodside, Long Island, and I. W. Doyle, Amityville, assignors to Fairchild Aerial Camera Corporation, Woodside, Long Island, N. Y. Camera magazine. 2,131,926; Oct. 4.
- Weichardt, Rudolf, and W. Freistadt, assignors to Kraft & Weichardt, Bremen, Germany. Landing sail. 2,110,966; Mar. 15.
- Weichardt, Rudolf, W. Freistadt, Bremen, and J. Hicke, Altona-Itzen, assignors to Kraft & Weichardt, Bremen, Germany. Apparatus for manipulating aircraft landing sails. 2,118,909; May 31.
- Weichwald, John, Chicago, Ill. Propeller. 2,116,054; May 3.
- Weichwald, John, Chicago, Ill. Propeller. 2,116,055; May 3.
- Weick, Fred E., Bethesda, Md., assignor to Fred E. Weick & Associates, Inc., Hampton, Va. Airplane. 2,110,516; Mar. 8.
- Weick, Fred E., & Associates, Inc. (See Weick, Fred E., assignor.)
- Weidemann, John A., Chicago, Ill. Fixing and preserving gross anatomical specimens and the like. 2,106,261; Jan. 25.
- Weidenbacker, Russell A., Haverford, Pa. Oil filter. 2,110,009; Mar. 1.
- Weidenbacker, Russell A., Haverford, Pa. Oil filtering means. 2,132,770; Oct. 11.
- Weidenhoff, Joseph, Inc. (See Harris, Vernon J., assignor.)
- Weidenhoff, Joseph, Inc. (See Haskins, Butler J., assignor.)
- Weidenhoff, Joseph, Inc. (See Reitherman, Ralph W., assignor.)
- Weldman, Fred, Detroit, Mich. Flight retarder for airplanes. 2,138,949; Dec. 6.
- Weldmann, Hans. (See von Girsowald, Conway, Baron, Weldmann, and Roegner.)
- Welertz, Axel H., and P. A. R., Svedala, Sweden. Auxiliary air controller for internal combustion engines. 2,126,071; Aug. 9.
- Welertz, Per A. R. (See Welertz, Axel H., and P. A. R.)
- Weigant, Anthony, Portland, Oreg. Three-way swivel. 2,139,294; Dec. 6.
- Weigel, Melvin P. (See Turner, C. O., and Weigel.)
- Weigle, John W., and M. Caminetz, Brooklyn, N. Y. Street and road sign. 2,125,475; Aug. 2.
- Weigt, Paul, Berlin-Reinickendorf, assignor to Allgemeine Elektrizitäts Gesellschaft, Berlin, Germany. Stem assembly for electron discharge devices. 2,108,519; Feb. 15.
- Weihe, Frederick A., Jr. (See Whitlark, C. H. F., and Weihe.)
- Weihe, Hermann K., Berlin, Germany. Hydraulic brake. 2,126,296; Aug. 9.
- Weiherr, George F., assignor to General Motors Corporation, Dayton, Ohio. Seal for refrigerating apparatus. 2,108,760; Feb. 15.
- Weiherr, George F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,126,158; Aug. 9.
- Weiherr, George F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,137,962; Nov. 22.
- Weihmann, Karl, assignor to Chrysler Corporation, Detroit, Mich. Power transmitting device. 2,115,895; May 3.
- Weijlard, John, assignor to Merck & Co. Inc., Rahway, N. J. Preparing intermediate for hormone production. 2,131,082; Sept. 27.
- Weil, Franz. (See Eggert, J., and Weil.)
- Weil, Harry, Buffalo, N. Y. Clip for meats and the like. 2,127,623; Aug. 23.
- Weil, William H., Hollis, assignor to Stransky Products Corporation, New York, N. Y. Box or carton and blank therefor. 2,128,197; Aug. 23.
- Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Rotary seal. 2,131,544; Sept. 27.
- Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Condensate disposal means for air conditioning apparatus. 2,134,349; Oct. 25.
- Weiland, Alfred, Philadelphia, Pa., and C. R. Neeson, New Rochelle, N. Y., assignors to Baldwin-Southwark Corporation. Self-contained air conditioning room unit. 2,112,870; Apr. 5.
- Weiler, John E. (See Bolton, K., and Weiler.)
- Weiler, John E., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Apparatus for testing cement. 2,122,765; July 5.
- Weimer, Raymond S., Wilmington, Ill. Excavator. 2,110,186; Mar. 8.
- Weimer, Raymond S., Wilmington, Ill. Removable teeth for earth working machines. 2,118,872; May 31.
- Weinacker, Hermann, assignor to Universal Chain Co., Inc., Maplewood, N. J. Metalworking machine. 2,125,759; Aug. 2.
- Weinberg, Frederick, Detroit, Mich. Wheel structure. 2,115,092; Apr. 26.
- Weinberg, Frederick, Detroit, Mich. Internal combustion engine. 2,136,719; Nov. 15.
- Weinberg, Peter. (See Berger, M. W., and Weinberg.)
- Weinberg, Samuel P. (See Rosenberg, Gordon W., assignor.)
- Weinberger, Galen E., assignor to H. F. Woodward and J. Markoe, Minneapolis, Minn. Game. 2,140,193; Dec. 13.
- Weinberger, Julius, Bronxville, N. Y., assignor to Radio Corporation of America. Centralized radio system for short and broadcast waves. 2,129,075; Sept. 6.
- Weindel, Fred, Jr., assignor to L. F. Grammes & Sons, Inc., Allentown, Pa. Emblem or sign. 2,105,679; Jan. 18.
- Weiner, Albert. (See Handman, Maurice, assignor.)
- Weiner, Harry, Brooklyn, and B. I. Friedman, assignors to General Slicing Machine Co. of New York, Inc., New York, N. Y. Slicing machine. 2,119,760; June 7.
- Weiner, Julius L., New York, N. Y. Thermos carrier. 2,123,031; July 5.
- Weingaertner, Ernst. (See Kiesskalt, S., Tampke, Weingaertner, and Winnacker, assignors.)
- Weingand, Richard, Bomlitz, near Walsrode, Germany. Article of manufacture. 2,138,392; Nov. 29.
- Weinhardt, Robert A., assignor to W. M. Chace Company, Detroit, Mich. Snap acting thermostat. 2,139,921; Dec. 13.
- Weinheim, Emil J., et al. (See Morea, Frank P., assignor.)
- Weinheimer, Claude M., assignor to Detroit Electric Furnace Company, Detroit, Mich. Door and operating mechanism. 2,105,873; Jan. 18.
- Weinheimer, Claude M., assignor to Detroit Electric Furnace Company, Detroit, Mich. Electric furnace. 2,121,109; June 21.
- Weinhold, Clarence M., Cottonwood, Minn. Corn sheller. 2,129,894; Sept. 13.
- Weinhouse, Sidney. (See Kharasch, M. S., and Weinhouse.)
- Weinig, Arthur J., Golden, assignor to The Mine & Smelter Supply Co., The Stearns-Roper Manufacturing Co., Denver, Colo., and The Dorr Company, Inc., New York, N. Y. Closed circuit guiding. 2,104,709; Jan. 4.
- Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Temperature control in a flotation process. 2,105,294; Jan. 11.



- Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Flotation process. 2,105,295; Jan. 11.
- Weinig, Arthur J., Golden, assignor to The Stearns-Roger Manufacturing Co., Denver, Colo., and The Dorr Company, Inc., New York, N. Y. Classification. 2,111,082; Mar. 15.
- Weinlich, Hermann A., Berlin-Wilmersdorf, and K. H. Breinlinger, Berlin-Grünevald, Germany, assignors to International Business Machines Corporation, New York, N. Y. Repeat printing of items. 2,138,649; Nov. 29.
- Weinlich, Hermann, and U. Kölm, Berlin, Germany, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled tabulator type. 2,126,595; Aug. 9.
- Weinlich, Hermann A., Berlin-Charlottenburg, and U. Kölm, Berlin-Lankwitz, Germany, assignors to International Business Machines Corporation, New York, N. Y. Card punch feed mechanism. 2,107,134; Feb. 1.
- Weinman, Arthur O., Fort Worth, Tex. Cigarette rolling device. 2,130,052; Sept. 13.
- Weinmann, Kurt. (See Loebe, W. W., Müller, and Weinmann.)
- Weinreich, Charles F., Des Plaines, assignor to Cherry-Burrell Corporation, Chicago, Ill. Nozzle for extruding stiff plastic material. 2,122,703; July 5.
- Weinreich, Charles F., Des Plaines, assignor to Cherry-Burrell Corporation, Chicago, Ill. Receptacle filler for ice cream. 2,136,224; Nov. 8.
- Weinstein, Herman E., Saratoga Springs, N. Y., assignor to Simplex Baggers, Inc. Bagging device. 2,110,687; Mar. 8.
- Weinzierl, Joseph T., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Percolator cover. 2,119,974; June 7.
- Weir, G. & J., Limited. (See Bennett, James A. J., assignor.)
- Weir, George D., Caulfield, Australia. Wood molding, shaping, or uniting apparatus. 2,111,683; Mar. 22.
- Weir, George D., Caulfield, Victoria, Australia. Apparatus for molding, blocking, or otherwise shaping materials, hats, or articles. 2,125,760; Aug. 2.
- Weir, James W., et al. (See Miller, Harold C., assignor.)
- Weis, Adolf, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Variable inductance device. 2,141,890; Dec. 27.
- Weis, Albert H., Nyack, assignor to Willcox & Gibbs Sewing Machine Co., New York, N. Y. Method and apparatus for bellows pockets. 2,116,371; May 3.
- Weis, Alwin W. D., Quincy, assignor to Central Fibre Products Company, Incorporated, Chicago, Ill. Box. 2,141,324; Dec. 27.
- Weis, Arthur R. (See Bigelow, G. E., and Weis.)
- Weis, John P., assignor to Metropolitan Sewing Machine Corp., Nyack, N. Y. Sewing machine. 2,126,521; Aug. 9.
- Weis, John P., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Device for sewing machines. 2,142,079; Dec. 27.
- Weisbaum, Jack, Cincinnati, Ohio. Necktie. Re. 20,942; Dec. 6.
- Weisbaum, Jack, Cincinnati, Ohio. Necktie manufacture. 2,131,545; Sept. 27.
- Weisberger, Dave, New York, N. Y. Foot inspection and recording device. 2,136,832; Nov. 15.
- Weisberg, Samuel M. (See Myers, R. P., and Weisberg.)
- Weise, Paul, and F. Raspe, assignors, to Titangesellschaft m. b. H., Leverkusen-I. G. Werk, Germany. Preparation of titanium oxygen compounds. 2,121,215; June 21.
- Weiselberg, Leo, New York, N. Y. Lateral fender beam for automobiles. 2,127,440; Aug. 16.
- Weisen, Joseph W., Pittsburgh, Pa. Cleaning slab for continuous furnaces. 2,132,591; Oct. 11.
- Weisenburg, Andrew, Philadelphia, Pa., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Composition and making same. 2,121,844; June 28.
- Weisenburg, Andrew, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Making cork sheet material. 2,126,435; Aug. 9.
- Weiser, Hanley H. (See Deitz, L. S., Jr., and Weiser.)
- Weiser, Rudolf F., Sketty-Swansea, South Wales. Apparatus for machining and threading pipe sockets and the like. 2,117,778; May 17.
- Weisert, Paul. (See Bauer, W., and Weisert.)
- Weisergerber, Edwin C. R., assignor to J. R. Pemberton, Los Angeles, Calif. Stopcock. 2,124,359; July 19.
- Weisglass, Louis. (See Strauss, S., and Weisglass.)
- Weishaupt, Ernest F., assignor to Bahr Starting Gate Corporation, Chicago, Ill. Starting gate. 2,124,325; July 19.
- Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Stove construction. 2,130,167; Sept. 13.
- Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Oven construction. 2,130,168; Sept. 13.
- Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Warming shelf for ovens. 2,130,169; Sept. 13.
- Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Oven construction for stoves. 2,139,988; Dec. 13.
- Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Movable shelf supporting structure for ovens. 2,139,989; Dec. 13.
- Weiskittel, Anton K., assignor to Harry C. Weiskittel Co. Inc., Baltimore, Md. Construction for ovens. 2,139,990; Dec. 13.
- Weiskittel, Harry C., Co. Inc. (See Weiskittel, Anton K., assignor.)
- Weiskoff, Frederick A., Woodcliff, N. J. Bevel. 2,140,098; Dec. 13.
- Weiskopf, Edwin C., New York, N. Y. Filing micro-slides. 2,119,407; May 31.
- Weiskotten, William O. (See Fackler, Ceta M., assignor.)
- Weisman, Simon, Minneapolis, Minn. Cigarette with lighter attachment. 2,130,450; Sept. 20.
- Weiss, Abraham, New York, N. Y. Liquid dispensing means. 2,126,847; Aug. 16.
- Weiss, Abraham, New York, N. Y. Liquid dispensing means. 2,126,848; Aug. 16.
- Weiss, Abraham, New York, N. Y. Brake for motor vehicles. 2,126,849; Aug. 16.
- Weiss, Abraham and J. New York, N. Y. Telephone pay station. 2,128,337; Aug. 30.
- Weiss, Adolph, Brooklyn, N. Y. Adjusting and operating mechanism for enclosed ink fountains. 2,115,376; Apr. 26.
- Weiss, Adolph, Brooklyn, N. Y. Inking mechanism for rotary intaglio printing machines. 2,133,881; Oct. 13.
- Weiss, Adrian E. (See Lester, N., and Weiss.)
- Weiss, Albert J., Mineola, assignor to Vulcan Proofing Company, New York, N. Y. Waterproofed fabric and coating mixture therefor. 2,110,539; Mar. 8.
- Weiss, Arthur J., Englewood, N. J., assignor to Robert Gair Company, Inc., New York, N. Y. Reclosable carton. 2,114,134; Apr. 12.
- Weiss, Arthur J., River Edge Manor, N. J., assignor to Robert Gair Company, Inc., New York, N. Y. Pouring aperture carton. 2,134,162; Oct. 25.
- Weiss, Charles R., Indianapolis, Ind., assignor to Link-Belt Company. Furnace conveyor chain. 2,138,317; Nov. 29.
- Weiss, Dewey S., Portland, Oreg. Automobile trailer coupling. 2,124,839; July 26.
- Weiss, Ernst. (See Heberlein, G., Jr., and Weiss.)
- Weiss, Franz, Park Ridge, Ill., assignor to R. H. McMurtree, Huntington, Ind. Simulating wood grain and stone markings. 2,137,765; Nov. 22.
- Weiss, Henry G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Lighting arrangement for sound reproduction. 2,123,871; July 19.
- Weiss, Howard F., Madison, Wis., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Communication booth. 2,141,117; Dec. 20.
- Weiss, Hugo, Augsburg, Germany. Bleaching cotton and analogous textile fibers. 2,116,332; May 3.
- Weiss, Jerome, Brooklyn, N. Y. Machine for making plaster of Paris bandages. 2,114,693; Apr. 19.
- Weiss, John M., New York, and C. R. Downs, Yonkers, assignors to Bakelite Corporation, New York, N. Y. Manufacture of formaldehyde. 2,124,383; July 19.
- Weiss, John M., New York, N. Y., assignor to The Calorider Corporation, Greenwich, Conn. Coal tar resins and the products produced thereby. 2,126,937; Aug. 16.
- Weiss, Joseph. (See Weiss, Abraham and J.)
- Weiss, Le Roy, Milwaukee, Wis. Tongs. 2,127,947; Aug. 23.
- Weiss, Mark W. (See Simons, F. L., and Weiss.)
- Weiss, Melvin V., Haddonfield, assignor to Radio Condenser Company, Camden, N. J. Condenser temperature compensation means. 2,140,039; Dec. 13.
- Weiss, Morton, et al. (See Foster, William H., assignor.)
- Weiss, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Connection device for loudspeakers. 2,109,602; Mar. 1.
- Weiss, Samuel, assignor to Vaughan Motor Co., Inc., Portland, Oreg. Tractor. 2,105,680; Jan. 18.
- Weiss, Samuel, assignor to Vaughan Motor Company, Inc., Portland, Oreg. Logging trailer. 2,108,323; Feb. 15.
- Weiss, Samuel, Brooklyn, N. Y. Tag fastener. 2,122,598; July 5.
- Weissenburg, Frederick O., et al. (See McCallum, Claud E., assignor.)
- Weisser, Arthur H., assignor to J. C. Miller Company, Grand Rapids, Mich. Filter construction. 2,136,200; Nov. 8.
- Weisser, Charles O., and E. H. Severson, Los Angeles, Calif. Preserving food. 2,116,813; May 10.
- Weisser, Karl, Union City, assignor to David Kahn, Inc., Township of North Bergen, Hudson County, N. J. Pipe and plaque holder therefor. 2,141,989; Dec. 27.
- Weissmann, Henry, Stapleton, Staten Island, N. Y. Sewing machine. 2,113,969; Apr. 12.
- Weisz, Arthur, Bratislava, Czechoslovakia, assignor to L. Teuer, New York, N. Y. Device for controlling the load opening in boxcars and the like. 2,132,062; Oct. 4.
- Weiter, Joseph H., Los Angeles, Calif. Measuring device. 2,129,895; Sept. 13.
- Weith, George S. (See Dresch, I. J., and Weith.)
- Weitkowitz, Franz, Osterode, Germany. Device adapted to loudspeakers, telephones, or relays. 2,116,293; May 3.
- Weitzenberg, William F. J., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Braking device. 2,120,997; June 21.



- Weitzenkorn, Joseph W., assignor to Ohio Ferro-Alloys Corporation, Canton, Ohio. Metallurgical briquette and making same. 2,111,344; Mar. 15.
- Weizmann, Charles, London, England. Degrading protein products. 2,141,455; Dec. 27.
- Welbilt Stove Company. (See Haley, James B., assignor.)
- Welbilt Stove Company, Inc. (See Haley, James R., assignor.)
- Welborn, Edgar C., and P. C. L. van Bueren, assignors to M. C. Bates, Chicago, Ill. Suction vaporizer. 2,122,704; July 5.
- Welborn, Edgar C., and H. J. Smith, assignors to M. C. Bates, Chicago, Ill. Vaporizing heavy liquid hydrocarbons. 2,122,705; July 5.
- Welch, Alfred F., Fort Wayne, Ind., assignor to General Electric Company. Directional self-starting inductor motor. 2,105,513; Jan. 18.
- Welch, Alfred F., Fort Wayne, Ind., assignor to General Electric Company. Self-reversing motor drive. 2,105,514; Jan. 18.
- Welch, Alfred F., Fort Wayne, Ind., assignor to General Electric Company. Timer motor. 2,122,307; June 28.
- Welch, Arthur R., assignor to Harbor Plywood Corporation, Hoquiam, Wash. Charging and discharging mechanism for presses. 2,127,278; Aug. 16.
- Welch, Clifton, Pensacola, Fla., assignor, by mesne assignments, to Jack A. Goodman, Columbus, Ohio. Installing and assembling wallboards. 2,109,448; Feb. 22.
- Welch, Elmer B., assignor to Firth-Sterling Steel Company, McKeesport, Pa. Forgeable high speed steel. 2,130,822; Sept. 20.
- Welch, Emmet E., Topeka, Kans. Milling and paralleling machine. 2,132,503; Oct. 11.
- Welch, Floyd D., Shreveport, La. Awning. 2,139,611; Dec. 6.
- Welch, John M., Houston, Tex. Front drive scooter. 2,123,390; July 12.
- Welch, Paul V., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,139,249; Dec. 6.
- Welch, Paul V., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,140,930; Dec. 20.
- Welch, Robert L., and J. T. Shoup, Canton, Ohio. Hydraulic brake. 2,105,712; Jan. 18.
- Welch, William A. (See Harris, J. P., and Welch.)
- Welch, William H., assignor to Cochrane-Bly Company, Rochester, N. Y. Metal cutting machine. 2,105,237; Jan. 11.
- Welch, William H., assignor to Geerpres Wringer, Inc., Muskegon, Mich. Mop holder. 2,137,317; Nov. 22.
- Welch, William T., Westfield, N. Y., assignor to Ajax Flexible Coupling Company. Vibratory motion producing apparatus. 2,127,317; Aug. 16.
- Welch, William T., Westfield, N. Y. Clutch mechanism. 2,140,975; Dec. 20.
- Weld, Foster E., assignor to The Gamewell Company, Newton, Mass. Signal repeater system. 2,114,324; Apr. 19.
- Weld, Foster E., assignor to The Gamewell Company, Upper Falls, Newton, Mass. Signal transmitter. 2,116,372; May 3.
- Weld, Foster E., Newton, assignor to The Gamewell Company, Newton Upper Falls, Mass. Alternating current signaling system. 2,123,220; July 12.
- Weldes, Friedrich. (See Colonius, H., and Weldes.)
- Weldon Tool Company. (See Gase, Carl G., assignor.)
- Welhart, Charles, Alton, Ill., assignor to Owens-Illinois Glass Company. Glass container. 2,111,499; Mar. 15.
- Welke, Ferdinand G., assignor to Shell Development Company, San Francisco, Calif. Bearing packer. 2,137,659; Nov. 11.
- Welke, Ferdinand G., assignor to Shell Development Company, San Francisco, Calif. Bearing washer. 2,137,660; Nov. 22.
- Welker, Harry L., Williamsport, Pa. Manufacturing articles from latex. 2,121,721; June 21.
- Welker, Oscar B., Middletown, Conn. Apparatus for making resilient bushings. 2,117,046; May 10.
- Welker, Oscar B., Middletown, Conn., assignor to A. R. Teare, Cleveland, Ohio. Resilient bushing and method and apparatus for making same. 2,110,783; Mar. 8.
- Welker, Oscar B., Middletown, Conn., assignor to A. R. Teare, Cleveland, Ohio, trustee. Resilient bushing. 2,115,437; Apr. 26.
- Welker, Oscar B., Middletown, Conn., assignor to A. R. Teare, Cleveland, Ohio, trustee. Resilient bushing. 2,116,254; May 3.
- Wellech, Edmund H. (See Weber, W. C., and Wellech.)
- Wellenkamp, Paul G., Radburn, N. J., assignor to Wright Aeronautical Corporation. Geared connecting rod. 2,104,599; Jan. 4.
- Weller, Ernest B., Providence, R. I. Tassel. 2,107,459; Feb. 8.
- Weller, Frank B., Bloomfield, N. J. Forming head arrangement. 2,124,864; July 26.
- Weller, Frank B., Bloomfield, N. J., assignor to Trans Lux Corporation. Web feeding mechanism. 2,128,807; Aug. 30.
- Weller, Frank B., Bloomfield, N. J., assignor to Trans Lux Corporation. Web feeding mechanism. 2,128,808; Aug. 30.
- Weller, Howard A. (See Gatz, E. M., and Weller.)
- Weller, John, West Horsley, England. Tensioning device for transmission chains and the like. 2,130,571; Sept. 20.
- Weller, John, West Horsley, England. Tensioning device for chains. 2,141,118; Dec. 20.
- Wellford, Walker L., Jr. (See Leonard, J. W., Butterworth, and Wellford.)
- Wellington Machine Company. (See Gannett, Chauncey W., assignor.)
- Wellington Sears Company. (See Coulter, Charles P., Jr., assignor.)
- Wellman Bronze and Aluminum Company, The. (See Ott, Charles F., assignor.)
- Wellman Engineering Company, The. (See Douglas, P. H., and Rogers, assignors.)
- Wellman Seaver Rolling Mill Company. (See McLay, Gavin S., assignor.)
- Wellman Seaver Rolling Mill Company Limited. (See Smith, Sydney, assignor.)
- Wellmar, Sven, assignor to Aktiebolaget Svenska Fläktfabriken, Stockholm, Sweden. Conveyor for drying plants. 2,141,578; Dec. 27.
- Wellner, George W., Des Plaines, Ill. Anchor bolt. 2,117,832; May 17.
- Wellner, George W., Des Plaines, Ill. Fabricated finished plaster construction. 2,117,833; May 17.
- Wells, Albert S., and J. H. Clark, assignors to Wells-Gardner & Company, Chicago, Ill. Tuning dial for radio receiving sets. 2,112,745; Mar. 29.
- Wells, Alfred A., Roselle Park, N. J., assignor to Standard Oil Development Company. Centrifugal dewaxing of oils. 2,106,964; Feb. 1.
- Wells, Alfred A., Roselle Park, N. J., assignor to Standard Oil Development Company. Sludge separation. 2,111,920; Mar. 22.
- Wells, Alfred A., Roselle Park, and D. F. Edwards, Elizabeth, N. J., assignors to Standard Oil Development Company. Operation of a centrifuge for separating the petroleum oil from sulphuric acid. 2,129,751; Sept. 13.
- Wells, Alfred A., Roselle Park, and J. O. Collins, Cranford, N. J., assignors to Standard Oil Development Company. Modifying properties of asphalts. 2,131,205; Sept. 27.
- Wells, C. G., et al. (See Walker, Jay P., assignor.)
- Wells, Edward C., assignor to Platt Iron Works, Inc., Dayton, Ohio. Imprinting apparatus. 2,112,942; Apr. 5.
- Wells, Edward C., assignor to Platt Iron Works, Inc., Dayton, Ohio. Imprinting apparatus. 2,112,943; Apr. 5.
- Wells, Edward H., Jr., assignor to Johns-Manville Corporation, New York, N. Y. Gasket. 2,116,746; May 10.
- Wells, Emil C., Kaunonga Lake, N. Y. Hydraulic vise. 2,107,970; Feb. 8.
- Wells, Frank O., Greenfield, Mass., assignor to C. E. Adams, Pawtucket, R. I. Grinding machine. 2,124,093; July 19.
- Wells, Franklin H., assignor to Bendix Products Corporation, South Bend, Ind. Switch. 2,118,125; May 24.
- Wells, Franklin H., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Washing machine. 2,135,685; Nov. 8.
- Wells-Gardner & Company. (See Bradshaw, Edwin G., assignor.)
- Wells-Gardner & Company. (See Clark, J. H., and Johnson, assignors.)
- Wells-Gardner & Company. (See Owens, Orville R., assignors.)
- Wells-Gardner & Company. (See Swallow, Joseph L., assignor.)
- Wells-Gardner & Company. (See Wells, A. S., and Clark, assignors.)
- Wells, George M., Upper Montclair, N. J. Flowing oil wells. 2,119,563; June 7.
- Wells, Gordon S. (See McDowell, W. W., and Wells.)
- Wells, Herbert J. C., Jackson Heights, N. Y. Continuous flow strainer. 2,125,532; Aug. 2.
- Wells, Joseph H., and P. J. Wilson, Jr., Pittsburgh, Pa., assignors to Carnegie Steel Company. Disposal of ammonia liquor. 2,132,592; Oct. 11.
- Wells-Lamont-Smith Corporation. (See Wells, William O., assignor.)
- Wells, Leland E., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery separator. 2,117,382; May 17.
- Wells, Leland E., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Making ribbed separators. 2,120,120; June 7.
- Wells, Percy A., Arlington, Va., L. B. Lockwood, and J. J. Stubbs, Washington, D. C., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office. Carrying out certain oxidative fermentation processes by bacteria. 2,121,533; June 21.
- Wells, Raymond L., Attleboro, Mass. Ophthalmic mounting. 2,117,383; May 17.
- Wells, Raymond L., Attleboro, Mass. Ophthalmic mounting. 2,117,384; May 17.
- Wells, Raymond L., Attleboro, Mass. Ophthalmic mounting. 2,117,385; May 17.
- Wells, Walter T., et al. (See Seaman, R. H., and Schwenden, assignors.)



- Wells, Walter T., Glendale, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Well heating device and method. Re. 20,832; Aug. 16.
- Wells, Walter T., Glendale, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Multiple conductor wire rope. 2,128,547; Aug. 30.
- Wells, Walter T., Glendale, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Pressure equalizing and surge relief device for gun perforators. 2,139,104; Dec. 6.
- Wells, Walter T., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Pressure indication within well bores. 2,139,105; Dec. 6.
- Wells, Welton W., Englewood, N. J. Typewriter table. 2,123,687; July 12.
- Wells, Wesley B. (See Fisher, A. W., and Wells.)
- Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light sensitive apparatus. 2,124,807; July 26.
- Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,133,603; Oct. 18.
- Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Manufacturing knife-edge members for knife-edge bearings. 2,133,604; Oct. 18.
- Wells, Wesley B., Wilkinsburg, and W. K. Lockhart, Penn Township, assignors to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,111,650; Mar. 22.
- Wells, William A. H., Edgewood, R. I. Swivel connector. 2,132,887; Oct. 11.
- Wells, William F. (See Fair, G. M., and Wells.)
- Wells, William F., Minneapolis, Minn. Pencil sharpener. 2,122,386; June 28.
- Wells, William O., Minneapolis, Minn. Antiwear guard for gloves. 2,111,345; Mar. 15.
- Wells, William O., assignor to Wells-Lamont-Smith Corporation, Minneapolis, Minn. Seam reinforcing and antiwear shield for gloves. 2,111,346; Mar. 15.
- Wellton, Otto G., Rasunda, Sweden. Speed ratio indicator. 2,132,911; Oct. 11.
- Welsh, Alonzo P., assignor of one-third to R. R. Riviere, Tyler, Tex. Foldable stool. 2,136,354; Nov. 8.
- Welsh, George L., Dixon, Ill. Belt connector. 2,118,750; May 24.
- Welsh, James W., Providence, R. I., assignor to Welsh Manufacturing Company. Cover for spectacle temples. 2,117,466; May 17.
- Welsh Manufacturing Company. (See Lindblom, Frank W., assignor.)
- Welsh Manufacturing Company. (See Miga, Raymond B., assignor.)
- Welsh Manufacturing Company. (See Welsh, James W., assignor.)
- Welsh, Robert L., et al. (See Raymond, Joseph, assignor.)
- Welter, Adolf, Krefeld-Rheinhafen, Germany. Dehydrating trialkali orthophosphate. 2,109,811; Mar. 1.
- Weltmer, Tracy C. (See Bales, J. E., and Weltmer.)
- Welty, Albert B. (See Raney, C. R., and Welty.)
- Welty, George D., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Piston and method of making. 2,124,360; July 19.
- Wemp, Ernest B., Detroit, Mich. Clutch member. 2,117,527; May 17.
- Wemple, Leland E. (See Daesen, J. R., and Wemple.)
- Wendeborn, Helmut, Frankfurt-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Drying substances in the condition of sludge and for evaporating solutions. 2,119,615; June 7.
- Wendell, Evert J., Wayne, and R. B. Sargent, Erdenheim, assignors to The Hale Fire Pump Co., Inc., Conshohocken, Pa. Adjustable nozzle. 2,132,333; Oct. 4.
- Wendel, Frans B., Long Island City, N. Y. Making metal fittings and the like. 2,138,199; Nov. 29.
- Wendes, John C. H., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Collapsible form. 2,107,018; Feb. 1.
- Wendt, Ada R., administratrix. (See Wendt, Herman D.)
- Wendt, Bruno. (See Eggert, J., and Wendt.)
- Wendt, Bruno. (See Ochwat, P., and Wendt.)
- Wendt, Bruno, Dessau, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Photographic developer. 2,108,243; Feb. 15.
- Wendt, Bruno, Dessau in Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Layers containing bleaching out dyes. 2,130,572; Sept. 20.
- Wendt, Charles A., Milwaukee, Wis. Clothes rack. 2,122,190; June 28.
- Wendt, Herman D., deceased, West Chester, by A. R. Wendt, administratrix, Coudersport, assignor to Milk Processes, Inc., Philadelphia, Pa. Cream process and product. 2,121,896; June 28.
- Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Protective circuit. 2,119,372; May 31.
- Wengard, Ben, Waterloo, Iowa. Screen for automobile radiators. 2,116,857; May 10.
- Wengel, Raymond W., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Interchangeable shutter assemblage for motion picture apparatus. 2,135,993; Nov. 8.
- Wengel, Raymond W., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Motion picture camera supply reel spindle. 2,139,784; Dec. 13.
- Wenger, B. Earl, et al. (See Henderson, Philip O., assignor.)
- Wenk, Henry L. C., Jr., Jamaica, N. Y. Bag seal. 2,140,777; Dec. 20.
- Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Safety emergency brake lever. 2,127,097; Aug. 16.
- Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Hand operated brake lever. 2,141,778; Dec. 27.
- Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Safety emergency brake lever. 2,141,779; Dec. 27.
- Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Hand-operated brake lever. 2,141,780; Dec. 27.
- Wenstrom, William H., New Haven, Conn. Camera case. 2,132,549; Oct. 11.
- Wente, Edward C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Horn. 2,135,610; Nov. 8.
- Wentworth, Clinton H., Los Angeles, Calif. Heat interchange device. 2,119,761; June 7.
- Wentworth, Hartley A., Saint Andrews, New Brunswick, Canada. Preparing fish liver oils. 2,134,163; Oct. 25.
- Wentworth, Jesse S., Cincinnati, Ohio. Rotary oscillating wing vane compressor pump. 2,135,881; Nov. 8.
- Wentworth, Philip C., Providence, R. I., and A. C. Link, Winnsboro, S. C. Traveler. 2,118,873; May 31.
- Wentworth, Philip C., Providence, R. I. Ring traveler. 2,121,647; June 21.
- Wentworth, Theodore O., Cincinnati, Ohio. Dehydration of aqueous acetic acid. 2,123,348; July 12.
- Wentworth, Theodore O., assignor to The Vulcan Copper & Supply Co., Cincinnati, Ohio. Partial dehydration of acetic acid and other lower fatty acids. 2,114,825; Apr. 19.
- Wentz, Earl J., Danville, Va., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multiplier for looms. 2,123,267; July 12.
- Wentz, Jesse F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Undersea cable system. 2,110,457; Mar. 8.
- Wentz, Jesse F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-frequency transmission system. 2,111,651; Mar. 22.
- Wentzel, Lodwick J., Brooklyn, N. Y. Changeable letter sign and the like. 2,123,758; July 12.
- Wenzel, Albert W., deceased, Paterson, N. J.; Fidelity Union Trust Company executor. Piston skirt expander. 2,114,007; Apr. 12.
- Wenzel, Albert W., Irvington, N. J. Packing ring. 2,124,094; July 19.
- Wenzel, Albert W., West Orange, N. J. Packing ring holding apparatus. 2,137,737; Nov. 22.
- Wenzel, Charles S., assignor of one-fifth to J. P. Markham, Jr., and two-fifths to M. C. Jarvis, Houston, Tex. Building construction. 2,127,837; Aug. 23.
- Wenzel, Wilhelm. (See Baehr, H., and Wenzel.)
- Wenzel, Wilhelm. (See Baehr, H., Mengdehl, and Wenzel.)
- Wenzel, Wilhelm, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Stuffing box for liquid pumps. 2,131,927; Oct. 4.
- Werdehoff, Albert B., Lake Orion, assignor to Chrysler Corporation, Highland Park, Mich. Frame. 2,105,713; Jan. 18.
- Werder, John F., Lakewood, Ohio. Liquid level indicating device. 2,141,325; Dec. 27.
- Werkman, Theodore, Los Angeles, Calif. Flexible arch support. 2,138,823; Dec. 6.
- Werme, J. A., et al. (See Holzer, Hiram A., assignor.)
- Werme, J. A., Steel and Iron Works, et al. (See Holzer, Hiram A., assignor.)
- Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control system. 2,117,123; May 10.
- Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control system. 2,132,888; Oct. 11.
- Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Circuit control device. 2,135,371; Nov. 1.
- Werner, Edward. (See Palley, J. L., and Werner.)
- Werner, Eugene K., assignor to F. K. Werner and A. Enz, New York, N. Y. Fountain pen. 2,116,919; May 10.
- Werner, Felix, Leipzig, assignor to the firm Körting & Mathiesen Aktiengesellschaft, Leipzig-Leutzsch, Germany. Apparatus for feeding rod shaped bodies. 2,135,777; Nov. 8.
- Werner, Francis K., et al. (See Werner, Eugene K., assignor.)
- Werner, Ignacy, Buffalo, N. Y. Dies for making nails and pins out of wire. 2,115,544; Apr. 26.
- Werner, Joseph. (See Wilcox, R. L., Werner, and Kroupsky.)



- Werner, Joseph, Detroit, Mich., and G. Kroupsky, New York, N. Y., assignors, by mesne assignments, to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Nut threading machine. 2,115,599; Apr. 28.
- Werner, Karl, Mainz-Mombach, Germany. Producing stable solutions of cellulose triacetate. 2,128,340; Aug. 30.
- Werner, Robert. (See Mueller-Cunradi, M., Otto, Daniel, and Werner.)
- Wernert, Georges R., and J. F. Gagnaire, Lyon, France, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,129,542; Sept. 6.
- Wernert, Ignatius J. (See Gilbert, H. N., and Wernert.)
- Wernicke, Erich A., Hamburg, Germany. Producing clear light-colored, water-soluble sulphonation products of mineral oil. 2,121,845; June 28.
- Wernitz, James H. (See Babcock, D. F., and Wernitz.)
- Wernitz, James H., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphated esters of polycarboxylic acids. 2,104,782; Jan. 11.
- Wernitz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphates of polybasic acid esters. 2,121,616; June 21.
- Wernitz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of sulphato-carboxylic acids. 2,121,617; June 21.
- Wersäll, Karl J., Alsten, Sweden. Friction clutch. 2,109,405; Feb. 22.
- Wersäll, Karl J., Alsten, Sweden. Friction clutch. 2,109,406; Feb. 22.
- Werth, Helmut. (See Haase, K., Werth, and Probst.)
- Werth, Karl. (See Graf, Leo, assignor.)
- Wertheim, Hugo. (See Liebesny, P., and Wertheim.)
- Wertheimer, Samuel M., Brooklyn, assignor to Birnbach Radio Company, Inc., New York, N. Y. Radio antenna apparatus. 2,129,514; Sept. 6.
- Wertz, Harvey C., Beaver Falls, Pa. Adjustable ladder. 2,139,479; Dec. 6.
- Wertz, Louis S., Shaker Heights, Ohio. Reinforcing concrete patch. 2,128,480; Aug. 30.
- Werve, Paul. (See Jones, Harry P., assignor.)
- Wery, Albert G., Endicott, and L. A. Peppier, New Brighton, Staten Island, N. Y. Apparatus for corrugating cylinders. 2,112,509; Mar. 29.
- Weschcke, Carl, St. Paul, Minn. Switch. 2,114,512; Apr. 19.
- Wesco Machinery Manufacturing Co. (See Brady, Frank W., assignor.)
- Wescott, Blaine B. (See Kennedy, H. T., and Wescott.)
- Wescott, William B., Dover, Mass., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Sheet aluminum planographic plate. 2,106,368; Jan. 25.
- Wescott, William B., Dover, Mass., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic printing plate. 2,119,031; May 31.
- Wescott, William B., Dover, Mass., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Planographic printing plate. 2,134,165; Oct. 25.
- Wesley, Arthur, Chicago, Ill., assignor, by mesne assignments, to The American Pad and Textile Company, Greenfield, Ohio. Horse-collar pad. 2,127,242; Aug. 16.
- Wesley, Joseph F., assignor to Bundy Tubing Company, Detroit, Mich. Apparatus for tube bending. 2,126,235; Aug. 9.
- Wesnick, Erwin, Berlin, Germany. Automobile. 2,129,187; Sept. 6.
- Wessblad, Karl A., H. E. A. Göth, and J. O. Naucner, assignors to Industrikemiska Aktiebolaget, Stockholm, Sweden. Treating fermenting liquids. 2,118,370; May 24.
- Wessel, Harry N. (See Lindemann, Gella, assignor.)
- Wessel, Oswald, assignor of one-half to J. Risch, Hamburg, Germany. Divan bed. 2,132,664; Oct. 11.
- Wesseler, Adeline C., Los Angeles, Calif. Canopy. 2,135,419; Nov. 1.
- Wesseler, William J. (See Snyder, Alden D., assignor.)
- Wesselman, Albert, Cincinnati, Ohio. Package and manufacture thereof. 2,107,096; Feb. 1.
- Wesselman, Albert, Cincinnati, Ohio. Apparatus for the manufacture of packages. 2,114,411; Apr. 19.
- Wesselman, Albert, Cincinnati, Ohio. Sealed carton and method of manufacture. 2,140,178; Dec. 13.
- Wessels, Hermann, assignor to Allgemeine Elektrizitätsgesellschaft, Berlin, Germany. Cascade amplifier circuit without upper harmonics. 2,137,867; Nov. 22.
- Wesson, Alexander J. (See Ellis, G. H., and Wesson.)
- West, A. E. et al. (See Knister, Raymond C., assignor.)
- West, Albert C. F. (See Wallace, R. E., and West.)
- West, Arthur E. (See Hilbert, G. L. and A. E., and West.)
- West, Charles P., E. L. Harder, and L. L. Fountain, Wilksburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating apparatus. 2,117,866; May 17.
- West, Claude J., assignor, by mesne assignments, to T. Baldus, Philadelphia, Pa. Resilient ironing surface. 2,122,165; June 28.
- West, Donald H., Marlboro, assignor to The Lapointe Machine Tool Company, Hudson, Mass. Vertical broaching machine. 2,111,689; Mar. 22.
- West, Donald H., Bolton, assignor to The Lapointe Machine Tool Company, Hudson, Mass. Vertical hydraulic broaching machine. 2,135,157; Nov. 1.
- West, Francis, Jr., Chilmark, Mass. Navigating telemetering system. 2,111,442; Mar. 15.
- West, Frank R., Detroit, Mich. Bolt and chain lock. 2,105,714; Jan. 18.
- West, Frank R., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Method and apparatus for accelerating the production of frozen articles. 2,114,642; Apr. 19.
- West, Frank W., Bellefonte, Pa. Meat tenderer. 2,112,798; Mar. 29.
- West, George, assignor to Whitin Machine Works, Whitinsville, Mass. Belt cradle for roving and spinning frames. 2,121,137; June 21.
- West, George B., assignor to G. E. West, San Antonio, Tex. Bottle capping machine. 2,110,898; Mar. 15.
- West, George E. (See West, George B., assignor.)
- West, George E., Washington, D. C. Spraying device. 2,114,661; Apr. 19.
- West, George L., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glass wall construction. 2,125,410; Aug. 2.
- West, Harold E. W., assignor to Rolls-Royce Limited, Derby, England. System of ignition for internal combustion engines for aircraft. 2,104,600; Jan. 4.
- West, Herbert J. (See Jaeger, A. O., and West.)
- West, James T., Rockingham, N. C. Liquid level gauge. 2,119,838; June 7.
- West, Jay H. (See Hilbert, G. L. and A. E., and West.)
- West, Maud E., Middletown, Conn. Sleeve pocket structure. 2,134,425; Oct. 25.
- West, Orange, Riffe, Wash. Jar closure. 2,132,334; Oct. 4.
- West, Samuel K., assignor of three-eighths to B. J. Chromy, Washington, D. C. Radio antenna. 2,136,532; Nov. 15.
- West, Vaughan M., Chicago, Ill. Stationery. 2,137,516; Nov. 22.
- West Virginia Pulp and Paper Company. (See Davis, Charles, assignor.)
- West Virginia Pulp & Paper Company. (See Frankel, E. M., and Barry, assignors.)
- West Virginia Pulp & Paper Company. (See Rawling, Francis G., assignor.)
- West, William H., assignor of one-half to C. W. Jones, Gadsden, Ala. Throw shuttle type loom release. 2,114,949; Apr. 19.
- West, William H., assignor of one-half to C. W. Jones, Gadsden, Ala. Shuttle box tension releasing means. 2,123,819; July 12.
- Westberg, Harry, Los Angeles, and R. F. Olson, Glendale, Calif. Wiener roaster and the like. 2,136,658; Nov. 15.
- Westburgh, Arthur E., Jamestown, N. Y. Spring action friction block structure. 2,131,414; Sept. 27.
- Westby, Severin O., and W. E. Lund, near Seattle, Wash. Preservation of fresh flesh products. 2,110,410; Mar. 8.
- Westcott & Thomson, Inc. (See Schwartz, J., and Ackley, assignors.)
- Westerlund, Paul H., assignor to Deere & Company, Moline, Ill. Ensilage harvester. 2,126,072; Aug. 9.
- Westerlund, Paul H., assignor to Deere & Company, Moline, Ill. Seat support. 2,130,438; Sept. 20.
- Westerman, Hyman, San Francisco, Calif. Man's garment. 2,139,532; Dec. 6.
- Western-Austin Company. (See Wilson, F. D., and Burns, assignors.)
- Western Cartridge Company. (See McCrear, Arthur M., assignor.)
- Western Cartridge Company. (See Olin, John M., assignor.)
- Western Cartridge Company. (See Olsen, F., and Tibbitts, assignors.)
- Western Cartridge Company. (See Smith, J. B., Seavey, and Taylor, assignors.)
- Western Cartridge Company. (See Wagner, William E., assignor.)
- Western Casket Hardware Company. (See Lokand, Wesley F., assignor.)
- Western Cataphote Corporation. (See Searlight, William H., assignor.)
- Western Chain Products Co. (See Stuller, Earl A., assignor.)
- Western Coil & Electrical Co. (See Witte, Emil A., assignor.)
- Western Electric Company. (See Anderson, David G., assignor.)
- Western Electric Company. (See Andrews, John W., assignor.)
- Western Electric Company. (See Andrews, J. W., and Hallam, assignors.)
- Western Electric Company. (See Barothy, Charles F., assignor.)
- Western Electric Company. (See Barnett, Elliott P., assignor.)
- Western Electric Company. (See Beattie, J. F., and Roycroft, assignors.)
- Western Electric Company. (See Beattie, J. F., and Roycroft, assignors, and Cunningham.)
- Western Electric Company. (See Backsch, Walter A., assignor.)
- Western Electric Company. (See Borland, Carl A., assignor.)
- Western Electric Company. (See Bouvier, G. A., and Laird, assignors.)
- Western Electric Company. (See Brescka, R. S., and Mougher, assignors.)



- Western Electric Company. (See Brillhart, Samuel E., assignor.)
- Western Electric Company. (See Brofos, Einar A., assignor.)
- Western Electric Company. (See Brown, M., and Wagner, assignors.)
- Western Electric Company. (See Butterfield, Louis B., assignor.)
- Western Electric Company. (See Butterfield, L. B., Garrett, and Park, assignors.)
- Western Electric Company. (See Cherry, G. L., and Dupre, assignors.)
- Western Electric Company. (See Crane, Edward J., assignor.)
- Western Electric Company. (See Deitz, Louis S., Jr., assignor.)
- Western Electric Company. (See Duclos, Aeneas J. N., assignor.)
- Western Electric Company. (See Dupré, Valentine H., assignor.)
- Western Electric Company. (See Earp, Charles W., assignor.)
- Western Electric Company. (See Ford, Ben K., assignor.)
- Western Electric Company. (See Frank, George H., assignor.)
- Western Electric Company. (See Franz, Erwin E., assignor.)
- Western Electric Company. (See Frieбус, Reginald T., assignor.)
- Western Electric Company. (See Gabrielsen, Carl S., assignor.)
- Western Electric Company. (See Gates, John C., assignor.)
- Western Electric Company. (See Gillis, Randall, assignor.)
- Western Electric Company. (See Gray, Alvin N., assignor.)
- Western Electric Company. (See Helfrick, Murray D., assignor.)
- Western Electric Company. (See Henderson, Fred E., assignor.)
- Western Electric Company. (See Hill, Walter M., assignor.)
- Western Electric Company. (See Johannessen, Vaughn L., assignor.)
- Western Electric Company. (See Johnson, F. V., and Nydegger, assignors.)
- Western Electric Company. (See Johnson, F. V., and Rice, assignors.)
- Western Electric Company. (See Johnson, Fred V., and Robson, assignors.)
- Western Electric Company. (See Johnstone, Harold G., assignor.)
- Western Electric Company. (See Keating, Herbert S., assignor.)
- Western Electric Company. (See King, T. M., and Stastney, assignors.)
- Western Electric Company. (See Kivley, R. C., and Stuhlfauth, assignors.)
- Western Electric Company. (See Laird, Alfred W., assignor.)
- Western Electric Company. (See Landreth, Morton L., assignor.)
- Western Electric Company. (See Lawrence, Leland E., assignor.)
- Western Electric Company. (See Lemmon, Clair L., assignor.)
- Western Electric Company. (See Lundeen, Carl V., assignor.)
- Western Electric Company. (See Lutz, Raymond P., assignor.)
- Western Electric Company. (See MacLagan, Allan R., assignor.)
- Western Electric Company. (See Mason, Sumner R., assignor.)
- Western Electric Company. (See McCann, Paul S., assignor.)
- Western Electric Company. (See McDaniels, Shryock P., assignor.)
- Western Electric Company. (See McDonough, John, assignor.)
- Western Electric Company. (See Mehlhouse, Harvey G., assignor.)
- Western Electric Company. (See Merwin, Harry H., assignor.)
- Western Electric Company. (See Neighbors, Charles C., assignor.)
- Western Electric Company. (See Nelson, Oscar G., assignor.)
- Western Electric Company. (See Nicolson, Alexander M., assignor.)
- Western Electric Company. (See Norman, John, assignor.)
- Western Electric Company. (See Parker, Douglas S., assignor.)
- Western Electric Company. (See Pash, Robert, assignor.)
- Western Electric Company. (See Pearson, Albert, assignor.)
- Western Electric Company. (See Pike, Harold S., assignor.)
- Western Electric Company. (See Powell, Raymond E., assignor.)
- Western Electric Company. (See Price, S., Hummel, and Bureau, assignors.)
- Western Electric Company. (See Purdy, Chester A., assignor.)
- Western Electric Company. (See Remmers, Walter E., assignor.)
- Western Electric Company. (See Roscoe, Robert, assignor.)
- Western Electric Company. (See Sager, John W., assignor.)
- Western Electric Company. (See Schuyler, A. L., and MacLagan, assignors.)
- Western Electric Company. (See Schuyler, A. L., Knoth, and MacLagan, assignors.)
- Western Electric Company. (See Schuyler, Andrew L., assignor.)
- Western Electric Company. (See Seeley, George A., assignor.)
- Western Electric Company. (See Seljesaeter, Kaare S., assignor.)
- Western Electric Company. (See Sirp, Emil, assignor.)
- Western Electric Company. (See Spencer, Frank C., assignor.)
- Western Electric Company. (See Stratford, Frederick F., assignor.)
- Western Electric Company. (See Stull, John S., assignor.)
- Western Electric Company. (See Thielker, Henry J., assignor.)
- Western Electric Company. (See Tikalsky, Francis P., assignor.)
- Western Electric Company. (See Van Mierlo, S., Pulles, Smets, and Devaux, assignors.)
- Western Electric Company. (See Vroom, Harold H., assignor.)
- Western Electric Company. (See Wade, Lorentz G., assignor.)
- Western Electric Company. (See Wagner, Arthur M., assignor.)
- Western Electric Company. (See Warren, William H., assignor.)
- Western Electric Company. (See Weltzenberg, William F. J., assignor.)
- Western Electric Company. (See Wright, Esmond P. G., and Hartley, assignors.)
- Western Electric Company. (See Wright, E. P. G., Hartley, and Wyndham, assignors.)
- Western Electric Company Incorporated. (See Lassiter, Alwyn D., assignor.)
- Western Geophysical Company. (See Eisler, Joseph D., assignor.)
- Western Geophysical Company. (See Salvatori, Henry, assignor.)
- Western Geophysical Company. (See Salvatori, H., and Walstrum, assignors.)
- Western Railroad Supply Company. (See Dinnerville, Walter, assignor.)
- Western Railroad Supply Company. (See Gort, Godfrey, assignor.)
- Western Railway Equipment Company. (See Campbell, S. H., and Pietzsch, assignors.)
- Western States Machine Company, The. (See Roberts, Eugene, assignor.)
- Western Union Telegraph Company, The. (See Bechberger, P. F., Thompson, and Holborn, assignors.)
- Western Union Telegraph Company. (See Demonet, Eugene A., assignor.)
- Western Union Telegraph Company, The. (See Dirkes, Robert F., assignor.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Anderson, assignors.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Kimball, assignors.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Roberts, assignors.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., Wheeler, and Kimball.)
- Western Union Telegraph Company, The. (See Drenkard, Adam, Jr., assignor.)
- Western Union Telegraph Company, The. (See Fluharty, William G., assignor.)
- Western Union Telegraph Company, The. (See Franklin, Lawrence W., assignor.)
- Western Union Telegraph Company, The. (See Haglund, Hakon H., assignor.)
- Western Union Telegraph Company, The. (See Hamlett, Robert T., assignor.)
- Western Union Telegraph Company, The. (See Howe, P. J., and Wyss, assignors.)
- Western Union Telegraph Company, The. (See Hyneman, J. R., and Gose, assignors.)
- Western Union Telegraph Company. (See Kimball, V. R., and Dirkes, assignors.)
- Western Union Telegraph Company. (See Kimball, V. R., Dirkes, and Wheeler, assignors.)
- Western Union Telegraph Company, The. (See Lawton, Chester S., assignor.)
- Western Union Telegraph Company, The. (See Light, George G., assignor.)
- Western Union Telegraph Company, The. (See Long, J. W., and Wheeler, assignors.)
- Western Union Telegraph Company, The. (See Mample, Adolph Z., assignor.)
- Western Union Telegraph Company, The. (See Steinmetz, Alfred A., assignor.)



- Western Union Telegraph Company. (See Wheeler, E. R., and Sortore, assignors.)  
 Western Union Telegraph Company, The. (See Wheeler, E. R., Kimball, and Dirkes, assignors.)  
 Western Union Telegraph Company, The. (See Wilder, Harold F., assignor.)  
 Western Union Telegraph Company, The. (See Wise, Raleigh J., assignor.)  
 Western United Gas and Electric Company. (See Pierce, Milo F., assignor.)  
 Westervelt, Carl, Caldwell, G. L. Storm, West Orange, and A. Kaufmann, assignors to The Fells Company Incorporated, Essex Fells, N. J. Measuring device. 2,129,979; Sept. 13.  
 Westfall, Francis W. (See Winegarden, H. M., Westfall, Hawes, and Wood.)  
 Westfall, Ralph R., assignor to R. A. Officer, Los Angeles, Calif. Vending machine. 2,122,668; July 5.  
 Westfall, Victor E., Fall Brook, Calif. Lubricating threading tool. 2,136,121; Nov. 8.  
 Westfield River Paper Company. (See Barnhart, Philip S., assignor.)  
 Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Collapsible tube testing apparatus. 2,107,922; Feb. 8.  
 Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Tablet packaging machine. 2,109,407; Feb. 22.  
 Westin, Charles J., Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Separator. 2,126,236; Aug. 9.  
 Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Machine for coating tubes internally. 2,141,630; Dec. 27.  
 Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)  
 Westinghouse Air Brake Company, The. (See Baughman, George W., assignor.)  
 Westinghouse Air Brake Company, The. (See Brackenbury, Aloysius G., assignor.)  
 Westinghouse Air Brake Company, The. (See Bush, Rankin J., assignor.)  
 Westinghouse Air Brake Company, The. (See Cameron, Mortimer B., assignor.)  
 Westinghouse Air Brake Company, The. (See Canetta, John, assignor.)  
 Westinghouse Air Brake Company, The. (See Canetta, J., and Cook, assignors.)  
 Westinghouse Air Brake Company, The. (See Cook, E. S., and Hammer, assignors.)  
 Westinghouse Air Brake Company, The. (See Cook, E. S., and Hewitt, assignors.)  
 Westinghouse Air Brake Company, The. (See Cotter, George L., assignor.)  
 Westinghouse Air Brake Company, The. (See Crittenden, Philip L., assignor.)  
 Westinghouse Air Brake Company, The. (See Dempsey, Philip W., assignor.)  
 Westinghouse Air Brake Company, The. (See Donovan, Patrick H., assignor.)  
 Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)  
 Westinghouse Air Brake Company. (See Farmer, C. C., and Hewitt, assignors.)  
 Westinghouse Air Brake Company. (See Farmer, C. C., and Miller, assignors.)  
 Westinghouse Air Brake Company, The. (See Fitch, Ellery R., assignor.)  
 Westinghouse Air Brake Company, The. (See Fitch, E. R., and McClure, assignors.)  
 Westinghouse Air Brake Company, The. (See Fuehrer, Herbert R., assignor.)  
 Westinghouse Air Brake Company, The. (See Gnani, Aldo, assignor.)  
 Westinghouse Air Brake Company, The. (See Good, John N., assignor.)  
 Westinghouse Air Brake Company, The. (See Hargnett, Harold L., assignor.)  
 Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)  
 Westinghouse Air Brake Company, The. (See Hewitt, E. E., and Fitch, assignors.)  
 Westinghouse Air Brake Company, The. (See Hull, John B., assignor.)  
 Westinghouse Air Brake Company, The. (See Jados, Walter T., assignor.)  
 Westinghouse Air Brake Company, The. (See Kershaw, Arthur G., assignor.)  
 Westinghouse Air Brake Company, The. (See Kershaw, A. G., Simmons, and Leech, assignors.)  
 Westinghouse Air Brake Company, The. (See Landis, William C., assignor.)  
 Westinghouse Air Brake Company, The. (See Logan, John W., Jr., assignor.)  
 Westinghouse Air Brake Company, The. (See Lynn, E. K., and Abraham, assignors.)  
 Westinghouse Air Brake Company, The. (See Masterman, Thomas W., assignor.)  
 Westinghouse Air Brake Company, The. (See Mautsch, Robert H., assignor.)  
 Westinghouse Air Brake Company, The. (See McTune, Joseph C., assignor.)  
 Westinghouse Air Brake Company, The. (See McKinstry, Charles H., assignor.)  
 Westinghouse Air Brake Company, The. (See McNeal, Donald L., assignor.)  
 Westinghouse Air Brake Company, The. (See Miller, Raymond E., assignor.)  
 Westinghouse Air Brake Company, The. (See Nash, Richard L., assignor.)  
 Westinghouse Air Brake Company, The. (See Newell, George K., assignor.)  
 Westinghouse Air Brake Company, The. (See Rush, John W., assignor.)  
 Westinghouse Air Brake Company, The. (See Sexton, Everett P., assignor.)  
 Westinghouse Air Brake Company, The. (See Simmons, Arthur W., assignor.)  
 Westinghouse Air Brake Company, The. (See Smith, Carl W., assignor.)  
 Westinghouse Air Brake Company, The. (See Stevens, Roy R., assignor.)  
 Westinghouse Air Brake Company, The. (See Stewart, Carlton D., assignor.)  
 Westinghouse Air Brake Company, The. (See Stewart, C. D., and Hull, assignors.)  
 Westinghouse Air Brake Company, The. (See Stewart, C. D., and Stevens, assignors.)  
 Westinghouse Air Brake Company, The. (See Tarisien, Theophile, assignor.)  
 Westinghouse Air Brake Company, The. (See Von Behren, Edward E., assignor.)  
 Westinghouse Air Brake Company, The. (See Work, E. A., and Hammer, assignors.)  
 Westinghouse Air Brake Company, The. (See Yancey, Perry E., assignor.)  
 Westinghouse Electric Elevator Company. (See Dunlop James, assignor.)  
 Westinghouse Electric Elevator Company. (See Eames, William F., assignor.)  
 Westinghouse Electric Elevator Company. (See Jones, Richard W., assignor.)  
 Westinghouse Electric Elevator Company. (See Santini, Danilo, assignor.)  
 Westinghouse Electric Elevator Company. (See Santini, D., and White, assignors.)  
 Westinghouse Electric Elevator Company. (See Williams, Harold W., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Aalborg, Christian, assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Ackermann, Otto, assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Aggers, Clair V., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Alben, Frank L., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Allard, Arthur R., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Allen, Howard E., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Alsing, Carl F., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Anderson, W. E., and Linder, assignors.)  
 Westinghouse Electric & Manufacturing Company. (See Applegate, Ivan D., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Armstrong, George C., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Ashbaugh, John H., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Austin, Bascum O., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Austin, B. O., and Wilby, assignors.)  
 Westinghouse Electric & Manufacturing Company. (See Austin, Walter M., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Bahls, Walter E., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Barnes, T. D., and Mylius, assignors.)  
 Westinghouse Electric & Manufacturing Company. (See Bayne, George M., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Belknap, John H., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Bernarde, Henry L., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, John H., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, J. H., and Rees, assignors.)  
 Westinghouse Electric & Manufacturing Company. (See Blotz, Edward, assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Bogerts, John J., assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Bosch, Max, assignor.)  
 Westinghouse Electric & Manufacturing Company. (See Bostwick, Myron A., assignor.)  
 Westinghouse Electric & Manufacturing Company et al. (See Bradshaw, W. M., and Johansson, assignors.)  
 Westinghouse Electric & Manufacturing Company. (See Brecht, Winston A., assignor.)  
 Westinghouse Electric & Manufacturing Company, et al. (See Breer, C., Goode, and Sherman, assignors.)  
 Westinghouse Electric & Manufacturing Company. (See Brown, Roy L., assignor.)  
 Westinghouse Electric and Manufacturing Company. (See Bruckmann, Carl C., assignor.)



- Westinghouse Electric & Manufacturing Company. (See Buchanan, Leslie B. M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Clark, Earl K., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Claytor, Edward M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)
- Westinghouse Electric & Manufacturing Company, et al. (See Conrad, F., and Goode, assignors.)
- Westinghouse Electric and Manufacturing Company. (See Conrad, F., Aalborg, and French, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Cook, Willard G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Cooper, Nelson D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Davis, Robert L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dawson, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See De Croce, Gennero, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Denault, Clinton L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dickinson, R. C., and Leeds, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Dorfman, Hiller D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dransfeld, Hubert, assignor.)
- Westinghouse Electric and Manufacturing Company. (See Driggs, F. H., and Highriter, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Dyer, Lloyd W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dyer, L. W., and Gamel, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Eaker, S. C., and Grover, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Edson, William W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ehret, Emil, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ehr Gott, Karl, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Espe, Werner, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Fetzer, Paul L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Fischer, Frederick K., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Forbes, Allan D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ford, James G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ford, J. G., and Hill, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Foresman, Robert A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Fouquet, Walter, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Frey, A. A., and Bitter, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Friedmann, Paul E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gamel, Gay D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gano, Harlan S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gates, Henry S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gessford, R. K., and Knowles, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Gough, John H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Grabner, Alfred, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Griscom, S. B., and Nycum, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Grover, Elliott E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gulliksen, Finn H., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Gustin, Daniel S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gutmann, Victor, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hague, F. T., and Davis, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Harder, Edwin L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Harder, E. L., Hibbard, and Tallafarro, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Harding, William R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Harrison, George O., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Harshberger, Fred A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hellmund, Rudolph E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hensel, F. R., and Larsen, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hewitt, George W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hill, C. F., Jones, and Atwell, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hills, Paul E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hitchcock, Richard C., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Holmes, Richard E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Huffstutter, John W., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Hunt, Charles W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hutchison, W. M., and Jones, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Iams, Harley A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jacobi, W. H., and Yost, assignors.)
- Westinghouse Electric & Manufacturing Company. (See James, William G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Janetschke, Erwin, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jansa, Frantisek, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jennings, Oliver S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Johnson, Frederick B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Johnson, Herbert M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Johnson, Welton V., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jordan, Richard H., assignor.)
- Westinghouse Electric & Manufacturing Co. (See Kalischer, Milton, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kerr, Henry H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kerschbaum, H., and Espe, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kesselring, Fritz, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Keyes, John J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Keyes, J. J., and Brace, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kilgore, George R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kilgore, L. A., and Cox, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kintzing, Reese T., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Knowles, D. D., and Lowry, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Koch, Gutav H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kovalsky, Joseph F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kraut, S. B., and Chase, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kubik, Václav, assignor.)
- Westinghouse Electric and Manufacturing Company. (See Langhams, Otto W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lee Reuben, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Leeds, Winthrop M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Leeds, W. M., and Ortensi, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lehnher, June L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lenehan, Bernard E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Leonard, Merrill G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lingal, H. J., and Crabbs, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lingal, H. J., and Dickinson, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Little, Donald G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lockwood, Edwin H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lockwood, E. H., and Bletz, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Long, Thomas H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lotz, Albert, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lowry, Erwin F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lowry, E. F., and Diamond, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., Roman, Johnson, and Berkey, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lunas, Lawrence J., assignor.)



Westinghouse Electric & Manufacturing Company. (See Lutz, Edward H., assignor.)	Westinghouse Electric & Manufacturing Company. (See Ross, Malcolm D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lyle, Frederick W., assignor.)	Westinghouse Electric & Manufacturing Company. (See Rüdenberg, Reinhold, assignor.)
Westinghouse Electric & Manufacturing Company. (See Mabry, Forrest S., assignor.)	Westinghouse Electric & Manufacturing Company. (See Rugg, H. H., and Graham, assignors.)
Westinghouse Electric & Manufacturing Company. (See MacDonald, H. G., and Boden, assignors.)	Westinghouse Electric & Manufacturing Company. (See Rutemiller, Oren G., assignor.)
Westinghouse Electric and Manufacturing Company. (See MacNeill, J. B., and Hill, assignors.)	Westinghouse Electric & Manufacturing Company. (See Saler, Jules N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mains, Gerald H., assignor.)	Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)
Westinghouse Electric and Manufacturing Company. (See Makenny, William, assignor.)	Westinghouse Electric & Manufacturing Company. (See Sateren, Martin G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Marbury, Ralph E., assignor.)	Westinghouse Electric & Manufacturing Company. (See Schaaake, William, assignor.)
Westinghouse Electric and Manufacturing Company. (See Marden, J. W., and Meister, assignors.)	Westinghouse Electric & Manufacturing Company. (See Schaelchlin, Walter, assignor.)
Westinghouse Electric & Manufacturing Company. (See Marshall, Donald E., assignor.)	Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mason, Ruric C., assignor.)	Westinghouse Electric & Manufacturing Company. (See Shoemaker, Malcolm G., assignor.)
Westinghouse Electric & Manufacturing Company. (See McCloy, Graham S., assignor.)	Westinghouse Electric & Manufacturing Company. (See Schofield, Stanley T., assignor.)
Westinghouse Electric & Manufacturing Company. (See McCulloch, Leon, assignor.)	Westinghouse Electric & Manufacturing Company. (See Shamberger, J. P., and Alben, assignors.)
Westinghouse Electric & Manufacturing Company. (See McCurdy, William H., assignor.)	Westinghouse Electric and Manufacturing Company. (See Short, I., and Brown, assignors.)
Westinghouse Electric and Manufacturing Company. (See McGowan, Michael E., assignor.)	Westinghouse Electric & Manufacturing Company. (See Shutt, Charles C., assignor.)
Westinghouse Electric & Manufacturing Company. (See McKeel, Percy D., assignor.)	Westinghouse Electric & Manufacturing Company. (See Skvortzoff, Alexander A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mildon, Reginald B., assignor.)	Westinghouse Electric and Manufacturing Company. (See Slack, Charles M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Miller, Ernest F., assignor.)	Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Mirow, Lothar, assignor.)	Westinghouse Electric & Manufacturing Company. (See Slepian, J., and Ludwig, assignors.)
Westinghouse Electric & Manufacturing Company. (See Morgan, David W. R., assignor.)	Westinghouse Electric & Manufacturing Company. (See Smith, Benjamin H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Morgan, J. G., and Bohan, assignors.)	Westinghouse Electric & Manufacturing Company. (See Smith, L. R., and Minkler, assignors.)
Westinghouse Electric & Manufacturing Company. (See Moss, Charles McL., assignor.)	Westinghouse Electric & Manufacturing Company. (See Snyder, Frederick D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mourontseff, I. E., and Kozanowski, assignors.)	Westinghouse Electric & Manufacturing Company. (See Soderberg, Carl R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mourontseff, I. E., and Noble, assignors.)	Westinghouse Electric & Manufacturing Company. (See Stalcup, Ernest F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Moyer, Howard R., assignor.)	Westinghouse Electric & Manufacturing Company. (See Stickney, F. S., and Young, assignors.)
Westinghouse Electric & Manufacturing Company. (See Mueller, Erich O., assignor.)	Westinghouse Electric & Manufacturing Company. (See Stoddard, R. N., and Vedder, assignors.)
Westinghouse Electric and Manufacturing Company. (See Mullan, Daniel, assignor.)	Westinghouse Electric and Manufacturing Company. (See Strom, A. P., Denault, and McCulloch, assignors.)
Westinghouse Electric & Manufacturing Company. (See Mylius, Walter G., assignor.)	Westinghouse Electric & Manufacturing Company. (See Taliaferro, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Neugebauer, Hermann, assignor.)	Westinghouse Electric & Manufacturing Company. (See Tanner, Elo C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Osborn, P. H., and Harness, assignors.)	Westinghouse Electric & Manufacturing Company. (See Thomas, Phillips, assignor.)
Westinghouse Electric & Manufacturing Company. (See Ow, J. W., and Read, assignors.)	Westinghouse Electric & Manufacturing Company. (See Tabbs, Lester G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Parker, Willard T., assignor.)	Westinghouse Electric & Manufacturing Company. (See Tull, R. H., and Tanner, assignors.)
Westinghouse Electric & Manufacturing Company. (See Parsons, J. S., and Harrison, assignors.)	Westinghouse Electric & Manufacturing Company. (See Ulrey, Clayton T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Passmore, George P., assignor.)	Westinghouse Electric & Manufacturing Company. (See Ulrey, Dayton, assignor.)
Westinghouse Electric & Manufacturing Company. (See Percy, Noah C., assignor.)	Westinghouse Electric & Manufacturing Company. (See Valentine, C. E., and Thornburg, assignors.)
Westinghouse Electric & Manufacturing Company. (See Pelton, Edward A., assignor.)	Westinghouse Electric & Manufacturing Company. (See Van Sciver, W. M., and Ridge, assignors.)
Westinghouse Electric & Manufacturing Company. (See Penney, Gaylord W., assignor.)	Westinghouse Electric & Manufacturing Company. (See Van Sickle, Roswell C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pennow, Willis A., assignor.)	Westinghouse Electric & Manufacturing Company. (See Vaughan, V. G., and Clark, assignors.)
Westinghouse Electric & Manufacturing Company. (See Peters, John F., assignor.)	Westinghouse Electric & Manufacturing Company. (See Vedder, Edwin H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Peterson, Alfred J., assignor.)	Westinghouse Electric & Manufacturing Company. (See Vogel, Fred J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Philpott, L. R., and Haller, assignors.)	Westinghouse Electric & Manufacturing Company. (See Wadsten, Sten, assignor.)
Westinghouse Electric & Manufacturing Company. (See Powers, Rolla E., assignor.)	Westinghouse Electric & Manufacturing Company. (See Wahlberg, Nils A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Puller, R., and Kann, assignors.)	Westinghouse Electric & Manufacturing Company. (See Watrous, Ward W., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Putman, Henry V., assignor.)	Westinghouse Electric & Manufacturing Company. (See Watts, T. R., and Frakes, assignors.)
Westinghouse Electric & Manufacturing Company. (See Rawlins, Herbert L., assignor.)	Westinghouse Electric & Manufacturing Company. (See West, C. P., Harder, and Fountain, assignors.)
Westinghouse Electric and Manufacturing Company. (See Rentscher, H. C., and Henry, assignors.)	Westinghouse Electric & Manufacturing Company. (See Whitaker, Charles C., assignor.)
Westinghouse Electric and Manufacturing Company. (See Richardson, H. K., and Newcombe, assignors.)	Westinghouse Electric & Manufacturing Company. (See Wilson, Earl D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ridge, Raymond J., assignor.)	Westinghouse Electric & Manufacturing Company. (See Winkler, F. C., and Moyer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Riley, Lynn G., assignor.)	Westinghouse Electric & Manufacturing Company. (See Wolfert, Edward R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Robinson, Edward L., assignor.)	Westinghouse Electric & Manufacturing Company. (See Wolters, Hans, assignor.)
Westinghouse Electric and Manufacturing Company. (See Romanello, Emilio, assignor.)	Westinghouse Electric & Manufacturing Company. (See Workman, Eben R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rose, Herbert A., assignor.)	Westinghouse Electric & Manufacturing Company. (See Wright, Ralph H., assignor.)



- Westinghouse Electric & Manufacturing Company. (See Wulsten, Kurt, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Yensen, T. D., and Burgwin, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Yost, I. A., and Jacobi, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Young, Douglas A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Young, D. A., and MacGahan, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Zworykin, Vladimir K., assignor.)
- Westinghouse Electric X-Ray Company Inc. (See Morrison, Montford, assignor.)
- Westinghouse X-Ray Company. (See Morrison, M., and Simon, assignors.)
- Westinghouse X-Ray Company. (See Nelson, Albert C., assignor.)
- Westlake Manufacturing Corporation. (See Johnson, L. E., and Cady, assignors.)
- Westlund, Oscar E., assignor to Mereen Johnson Machine Company, Minneapolis, Minn. Work holder for endless conveyers. 2,117,641; May 17.
- Westman, Carl J. F., Stockholm, Sweden. Ship's side-light. 2,122,166; June 28.
- Westmoreland, James P., et al. (See Hingle, James A., assignor.)
- Westoco Products, Inc. (See Stow, Clarence E., assignor.)
- Weston, Charles F., Prince George County, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Removing and/or preventing the deposition of scale in evaporators. 2,106,196; Jan. 25.
- Weston, Charles F., Prince George County, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Purification of materials containing nitrite. 2,139,142; Dec. 6.
- Weston, Edward F., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 2,123,670; July 12.
- Weston Electric Company. (See Bandur, Adolph F., assignor.)
- Weston Electric Company. (See Kagi, W. W., and Gillis, assignors.)
- Weston Electrical Instrument Corporation. (See Gilbert, Roswell W., assignor.)
- Weston Electrical Instrument Corporation. (See Goodsell, Charles D., assignor.)
- Weston Electrical Instrument Corporation. (See Goodwin, William N., Jr., assignor.)
- Weston Electrical Instrument Corporation. (See Lamb, Anthony H., assignor.)
- Weston Electrical Instrument Corporation. (See Lamb, Francis X., assignor.)
- Weston Electrical Instrument Corporation. (See Lederer, Karl M., assignor.)
- Weston Electrical Instrument Corporation. (See Weston, Edward F., assignor.)
- Weston, Frederick H., Bridgeport, Conn., assignor to General Electric Company. Double ended socket. 2,108,632; Feb. 15.
- Weston, Frederick H., Bridgeport, Conn., assignor to General Electric Company. Electric socket. 2,115,600; Apr. 26.
- Weston, Frederick H., Bridgeport, Conn., assignor to General Electric Company. Lamp socket. 2,133,159; Oct. 11.
- Weston, Richard S., Joliet, Ill., assignor, by mesne assignments, to The Floyd-Wells Company, Royersford, Pa. Stove. 2,117,779; May 17.
- Weston, Richard S., assignor to The Moore Corporation, Joliet, Ill. Broiler. 2,119,898; June 7.
- Weston, Sydney R., Montreal, Quebec, Canada. Squeeze tube cap. 2,107,226; Feb. 1.
- Westphal, Kurt, and H. Klös, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Basically substituted enol and thienol ethers and esters. 2,119,802; June 7.
- Westphal, Paul A., Los Angeles, Calif. Flexible fastener and the like. 2,127,498; Aug. 23.
- Westrope, Fred J. (See Widman, C. H., and Westrope.)
- Westrope, Fred J., A. H. Haberstump, and A. Person, Detroit, Mich., assignors to The Murray Corporation of America. Auxiliary seat construction. 2,140,122; Dec. 13.
- Westrope, Fred J., and A. Person, Detroit, Mich., assignors to The Murray Corporation of America. Cowl construction. 2,125,476; Aug. 2.
- Westrope, Fred J., and J. Vehko, Detroit, Mich., assignors to The Murray Corporation of America. Deck door. 2,125,761; Aug. 2.
- Westvaco Chlorine Products Corporation. (See Lopez, Domingo, assignor.)
- Westvaco Chlorine Products Corporation. (See Mastin, Marion G., assignor.)
- Westvaco Chlorine Products Corporation. (See Price, Whitfield, assignor.)
- West Virginia Lighting Co. (See Poling, Clyde, assignor.)
- West Virginia Pulp & Paper Company. (See Harris, J. P., and Welch, assignors.)
- West Virginia Pulp and Paper Company. (See Statham, N., and Richards, assignors.)
- Westwang, Marcus, Kalispell, Mont. Table bench or trestle. 2,127,899; Aug. 23.
- Wetchler, Isidor, Woodhaven, N. Y. Coating composition and preparing the same. 2,112,412; Mar. 29.
- Wetherbee, John A., assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,104,876; Jan. 11.
- Wetherell, Leslie O., Attleboro, assignor to The Mason-Lenzen Company, North Attleboro, Mass. Display case. 2,117,690; May 17.
- Wetherill, Lynn, Pittsfield, Mass., assignor to General Electric Company. High voltage bushing. 2,116,419; May 3.
- Wetherill, Lynn, Pittsfield, Mass., assignor to General Electric Company. Transformer load indicator. 2,118,660; May 24.
- Wetmore Reamer Co. (See Schmidt, Joseph W., assignor.)
- Wetsel, Carlton. (See Smith, E. L., and Wetsel.)
- Wetsel, Carlton. (See Smith, E. L., and Wetsel, assignors.)
- Wetter, Thomas S., New York, N. Y. Refrigerating apparatus. 2,117,834; May 17.
- Wettlaufer, Jules L., Belmont, assignor to The Patent and Licensing Corporation, Boston, Mass. Building material. 2,118,632; May 24.
- Wettlaufer, William L., Buffalo, N. Y. Testing device. 2,108,877; Feb. 22.
- Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Combination screening and scrubbing apparatus. 2,128,276; Aug. 30.
- Wettstein, Albert. (See Miescher, K., Wettstein, and Scholz.)
- Wetzel, Eugen, Haltingen, Bade, Germany. Fountain pen for concentrated ink. 2,108,911; Feb. 22.
- Wetzel, Guy N., assignor of one-half to H. A. Bloom, Columbus, Ohio. Inking device. 2,141,073; Dec. 20.
- Wetzel, Theodore A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Solenoid. 2,111,232; Mar. 15.
- Wetzel, Theodore A. (See Johnson, R. W., and Wetzel.)
- Wexelberg, Clarence E., assignor to Briggs Manufacturing Company, Detroit, Mich. Toilet seat and lid. 2,132,550; Oct. 11.
- Wey, Raymond J., Park Royal, London, England, assignor to Republic Flow Meters Company, Chicago, Ill. Electric signaling or controlling system. 2,134,901; Nov. 1.
- Weyant, John K. (See Fields, James E., assignor.)
- Weyde, Edith, Cologne-Niehl, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Increasing the brilliancy of photographic pictures, and composition therefor. 2,124,159; July 19.
- Weydell, Carl M., assignor of one-half to E. E. Stout, Indianapolis, Ind. Generator. 2,119,477; May 31.
- Weydener, Otto D. (See St. Thomas, W. H., and Weydener.)
- Weyer, Henry A., assignor to B. S. Nazel, Philadelphia, Pa. Fluid pressure hammer. 2,119,975; June 7.
- Weyers, Theodorius J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Intermediate-frequency amplifier. 2,115,377; Apr. 26.
- Weyerts, Walter J. (See Hickman, K. C. D., Turner, and Weyerts.)
- Weygandt, Arthur S., Cleveland Heights, Ohio, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Sodium silicate adhesives. 2,111,131; Mar. 15.
- Weymouth, Lawrence B., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Water heater. 2,104,918; Jan. 11.
- Weymouth, Leslie G., Puyallup, Wash. Marking device. 2,113,867; Apr. 12.
- Wexel, Walter P. (See Schmid, R. K., and Wexel.)
- Whalen, John N., Boylston, assignor to Morgan Construction Company, Worcester, Mass. Strip reel. 2,125,660; Aug. 2.
- Whalen, John T., New York, N. Y. Refrigerator shelf. 2,104,939; Jan. 11.
- Whalen, Joseph J., Oklahoma City, Okla. Rotary drag bit. 2,119,661; June 7.
- Whaley, George W., Los Angeles, Calif. Flash lamp. 2,132,063; Oct. 4.
- Whaley, William E., Overton, Tex., assignor to A. G. Blanchard, Shreveport, La. Gauge cock. 2,124,382; July 19.
- Wharf, Edward M., et al. (See Struck, George R., assignor.)
- Wharmby, James W., Dayton, Ohio, assignor to National Biscuit Company, New York, N. Y. Cup pastry baking machine. 2,124,723; July 26.
- Wharton, George C., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Hollow back shovel. 2,126,692; Aug. 9.
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Storage battery. 2,111,347; Mar. 15.
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Storage battery. 2,120,822; June 14.
- Wheat, Thomas E. M., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Motor vehicle frame. 2,108,279; Feb. 15.
- Wheat, Thomas E. M., assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,129,804; Sept. 13.
- Wheater, Nelson, Cullercoats, assignor to A. & A. Peacock, Limited, Newcastle-upon-Tyne, England. Toy figure. 2,111,348; Mar. 15.



- Wheatley, John E., Norwood, Ohio. Bar soap dispenser. 2,108,092; Feb. 15.
- Wheatley, Thomas, Houston, Tex. Valve. 2,113,100; Apr. 5.
- Wheaton, A. W., Brass Works, Inc. (See Ehlers, Carl H., assignor.)
- Wheaton, A. W., Brass Works. (See Wheaton, Abram W., assignor.)
- Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Valve device. 2,112,640; Mar. 29.
- Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Safety vent valve. 2,112,641; Mar. 29.
- Wheaton, Carlos F., Minneapolis, Minn. Room cooler. 2,121,648; June 21.
- Whedon, Le Grand S., Medina, N. Y. Braced seat back. 2,118,456; May 24.
- Whedon, Le Grand S., Medina, N. Y. Seat back adjusting device. 2,118,690; May 24.
- Whedon, Le Grand S., Medina, N. Y. Convertible vehicle structure. 2,127,795; Aug. 23.
- Whedon, Le Grand S., and A. A. Grinnell, Medina, N. Y., assignors, by mesne assignments, to said Whedon. Seat controlling mechanism. 2,111,519; Mar. 15.
- Whedon, Le Grand S., and A. A. Grinnell, assignors, by mesne assignments, to Le Grand S. Whedon, Medina, N. Y. Automobile seat. 2,118,689; May 24.
- Whedon, Le Grand S., and A. A. Grinnell, assignors, by mesne assignments, to L. S. Whedon, Medina, N. Y. Vehicle seat structure. 2,121,238; June 21.
- Wheelbarger, Albert S., and W. G. Orth, Dayton, assignors, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio. Printing mechanism for registers. 2,119,693; June 7.
- Wheeler, C. H., Manufacturing Company. (See Bennett, Clement K., assignor.)
- Wheeler, C. H., Manufacturing Co. (See Schroth, William F., assignor.)
- Wheeler, Charles A., Bridgeport, Conn., assignor to City of Bridgeport. Traffic officer's garment. 2,130,439; Sept. 20.
- Wheeler, Charles E., assignor of twenty-five per cent to M. L. Gehres, and twenty-five per cent to B. S. Cromer, Casper, Wyo. Oil or gas well snuffer. 2,125,762; Aug. 2.
- Wheeler, Clarence A., Toronto, Ontario, Canada. Crank-in assembly. 2,117,124; May 10.
- Wheeler, Evan R. (See Dirkes, R. F., Wheeler, and Kimball.)
- Wheeler, Evan R. (See Kimball, V. R., Dirkes, and Wheeler.)
- Wheeler, Evan R. (See Long, J. W., and Wheeler.)
- Wheeler, Evan R., North Plainfield, and E. J. Sortore, Metuchen, N. J., assignors to Western Union Telegraph Company, New York, N. Y. Stock selecting and indicating system. 2,122,387; June 28.
- Wheeler, Evan R., Plainfield, and V. R. Kimball, Palisade Park, N. J., and R. F. Dirkes, Jamaica, assignors to The Western Union Telegraph Company, New York, N. Y. Mechanical corrector. 2,135,374; Nov. 1.
- Wheeler, Harley T., Dallas, Tex. Constant pressure multi-stage packing. 2,117,528; May 17.
- Wheeler, Harley T., Dallas, Tex. Inching machine. 2,120,304; June 14.
- Wheeler, Harley T., Dallas, Tex. Annular accordion packing ring. 2,124,095; July 19.
- Wheeler, Harley T., Dallas, Tex. Pleated packing ring. 2,132,814; Oct. 11.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazel-tine Corporation. Selectivity control. 2,115,676; Apr. 26.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Multiband tunable system. 2,137,318; Nov. 22.
- Wheeler, Harvey C. (See Langlet, Paul, assignor.)
- Wheeler, Harvey C. (See Moffat, Albert S., assignor.)
- Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine belt feed control. 2,124,219; July 19.
- Wheeler Insulated Wire Company. (See Harris, Edward H., assignor.)
- Wheeler, John W., Southend-on-Sea, England. Bottle or container of paper, wood pulp, or the like. 2,138,718; Nov. 29.
- Wheeler, Lester L., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple driving machine. 2,139,342; Dec. 6.
- Wheeler, Norton L., Tulsa, Okla. Composition for dental casting patterns. 2,136,404; Nov. 15.
- Wheeler, Phillip R., Alexandria, Va. Control system for transmissions. 2,106,862; Feb. 1.
- Wheeler, Walter H., Jr., and J. W. Ogden, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Postage meter machine. 2,124,383; July 19.
- Wheeler, Walter H., Jr., Stamford, J. W. Ogden, Springfield, and F. J. Roman, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Omni value stamping device. 2,141,119; Dec. 20.
- Wheeler, Walter H., Jr., Stamford, J. W. Ogden, Springfield, and F. J. Roman, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Moistening device. 2,141,258; Dec. 27.
- Wheeling Stamping Company. (See Davis, Walter T., assignor.)
- Wheeling Stamping Company. (See Palmer, Robert, assignor.)
- Wheeling Steel Corporation. (See Conner, Guy O., assignor.)
- Wheeling Steel Corporation. (See Cook, N. E., Knopf and Diehl, assignors.)
- Wheeling Steel Corporation. (See Erb, John W., assignor.)
- Wheeling Steel Corporation. (See Ewing, Wylie B., assignor.)
- Wheeling Steel Corporation. (See Holub, Charles J., assignor.)
- Wheeling Steel Corporation. (See Rollason, Charles H., assignor.)
- Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Signal code sending system. 2,116,255; May 3.
- Wheelock, John H., Fitzwilliam, N. H., assignors to Signal Engineering & Manufacturing Company, New York, N. Y. Circuit controlling device. 2,117,047; May 10.
- Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Code setting device for signal systems. 2,124,160; July 19.
- Wheel Trueing Tool Company. (See Wallace, Harry W., assignor.)
- Wheelwright, George W., 3rd, Dover, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Signaling device employing polarized light. 2,122,225; June 28.
- Whelan, George, assignor of one-half to F. J. Lasar, San Francisco, Calif. Typewriter ribbon guide. 2,128,510; Aug. 30.
- Whelen, Myron S., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 2,6-dichloroanthraquinone. 2,127,098; Aug. 16.
- Wheless, Roger E., Shreveport, La. Log-cutting apparatus. 2,123,580; July 12.
- Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Gauging mechanism. 2,119,564; June 7.
- Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom unit and making the same. 2,122,503; July 5.
- Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for assembling shoe parts. 2,133,314; Oct. 18.
- Wherry, Earle E., Oklahoma City, Okla. Wire line ends and forming same. 2,107,810; Feb. 8.
- Whiles, Aubrey C., assignor of forty-nine per cent to V. Scott, Mount Helix, Calavo Gardens, Calif. Gas compressor. 2,141,057; Dec. 20.
- Whipple, Allen D., Alexandria, Ind., assignor to Johnson Laboratories, Inc., Chicago, Ill. Apparatus for compressing finely divided substances. 2,122,874; July 5.
- Whipple, Allen D., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Synthetic organic material and making the same. 2,137,993; Nov. 22.
- Whipple, Allen D., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Organic product and making the same. 2,137,994; Nov. 22.
- Whipple, Allen D., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Organic product and making the same. 2,137,995; Nov. 22.
- Whipple, Charles R., assignor to Eaton Paper Corporation, Pittsfield, Mass. Envelope. 2,131,575; Sept. 27.
- Whipple, Earle C., Goffstown, N. H. Apparatus for cleaning eggs. 2,123,759; July 12.
- Whipple, Ernest G., Stratford, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,123,981; July 19.
- Whipple, Jack V., assignor to United States Gauge Company, Sellersville, Pa. Brake tester. 2,134,092; Oct. 25.
- Whipple, Willis A., Camp Lake, Wis., assignor to R. Malcom, Chicago, Ill. Insect electrocuting device. 2,123,127; July 5.
- Whipple, Willis A., Camp Lake, Wis., assignor to R. Malcom, Chicago, Ill. Respirator. 2,142,064; Dec. 27.
- Whisk, Samuel M., Brooklyn, N. Y. Elimination of atmospheric radio disturbances. 2,139,533; Dec. 6.
- Whisler, Alfred H., Upper Darby, Pa. Track rail fastening device. 2,135,951; Nov. 8.
- Whisler, Grant C., assignor to S. Morgan Smith Company, York, Pa. Hydraulic machine. 2,132,504; Oct. 11.
- Whisler, Ralph H., Halfway, Mich., assignor, by mesne assignments, to Carter Carburetor Corporation, St. Louis, Mo. Carburetor control mechanism. 2,130,915; Sept. 20.
- Whisler, Thomas C., Berkeley, Calif., assignor to The American Brake Shoe and Foundry Company. Bucket chain tumbler. 2,132,198; Oct. 4.
- Whistleroff, Arthur W., Croydon, England, assignor to Radio Corporation of America. Earth switch arrangement. 2,122,902; July 5.
- Whistler, Lawrence V., Kenmore, W. H. Snybe, and W. E. Tinger, assignors to Feeders Manufacturing Company, Inc., Buffalo, N. Y. Machine for assembling fins and tubes. 2,133,932; Oct. 18.



- Whistler, Lawrence V. and S. A. Kenmore, N. Y. Point or plane finder. 2,135,316; Nov. 1.
- Whistler, Sanford A. (See Whistler, Lawrence V. and S. A.)
- Whitacre, Clarence J., assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,140,123; Dec. 13.
- Whitacre-Greer Fireproofing Company, The. (See Estep, Arthur C., assignor.)
- Whitacre, Maxwell L., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacture of bonded articles. 2,114,160; Apr. 12.
- Whitacre, Maxwell L., and P. de Leeuw, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacture of porous bodies. 2,104,783; Jan. 11.
- Whitaker, Anton K., Cuyahoga Falls, assignor to The Burt Manufacturing Company, Akron, Ohio. Ridge type ventilator. 2,127,099; Aug. 16.
- Whitaker, Anton K., Cuyahoga Falls, assignor to The Burt Manufacturing Company, Akron, Ohio. Ventilator (unitary type). 2,127,100; Aug. 16.
- Whitaker, Frederic, Cranston, R. I. Composite insignia pressed metal ring, pin, or other ornament and method of its manufacture. 2,140,396; Dec. 13.
- Whitaker, Herbert W., East Hartford, Conn. Cover for receptacles. 2,131,243; Sept. 27.
- Whitaker, Ralph W. (See Hummel, M. E., and Whitaker.)
- Whitaker, Uncas A., Canton, assignor to The Hoover Company, North Canton, Ohio. Bearing. 2,124,479; July 19.
- Whitaker, Uncas A., and H. B. White, Canton, and C. H. Taylor, assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,126,362; Aug. 9.
- Whitaker, William T., assignor to Phillips & Buttorff Mfg. Co., Nashville, Tenn. Slip-over front for hot air furnaces. 2,117,386; May 17.
- Whitaker, William T., Jenkintown, Pa. Mop. 2,134,990; Nov. 1.
- Whitby, Ernest, Oakwood, Pinner Hill, England, assignor to Landis & Gyr, A-G. Control mechanism for coin control switches. 2,115,602; Apr. 26.
- Whitby, Ernest, London, I. A. D. Pedler, E. J. Selston, and A. J. Newman, Briston, and L. R. Lester, Old Bracknell, England, assignors to Landis & Gyr, A-G. Heating method and means. 2,115,601; Apr. 26.
- Whitcomb, Charles E., Bayside, Long Island, N. Y. Collapsible table cabinet. 2,122,969; July 5.
- Whitcomb, Henry F., Jr., Milwaukee, Wis., assignor to Richardson Ball Bearing Skate Company, Chicago, Ill. Skate clamp. 2,124,724; July 26.
- White, Abraham, Jamaica Plain, Mass., and N. Labovich, Brooklyn, N. Y. Machine for spot-treating multiple fabric layers. 2,118,718; May 24.
- White, Addison H., East Orange, and W. A. Yager, Livingston, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dielectric material. 2,126,363; Aug. 9.
- White, Albert F., Toronto, Ontario, Canada. Continuous conveyor. 2,138,671; Nov. 29.
- White, Albert G., Asheville, N. C. Cushioned coupling for trailers. 2,121,416; June 21.
- White, Albert G., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Blasting explosive cartridge or borehole charge. 2,128,576; Aug. 30.
- White, Alice G., executrix. (See White, Joseph C.)
- White, Arthur J., Cleveland Heights, Ohio, assignor to General Electric Company. Making stems for sealed electrical devices. 2,128,173; Aug. 23.
- White, Benjamin B., and C. H. Young, assignor of one-third to E. F. P. Brigham, Miami, Fla. Guard roller for sweeping machines. 2,109,123; Feb. 22.
- White, Bruce C., deceased, by Irving Trust Company, trustee for R. Hoe & Co., Inc., assignee; assignor to R. Hoe & Co., Inc., New York, N. Y. Roll changer for printing presses. Re. 20,912; Nov. 8.
- White, Byron E., assignor to Globe Casket Manufacturing Co., Kalamazoo, Mich. Paper covered casket. 2,118,717; May 24.
- White Cap Company. (See Davies, Lynn E., assignor.)
- White Cap Company. (See White, William P., assignor.)
- White, Carl, Brooklyn, N. Y. Hollow shelf. 2,118,910; May 31.
- White, Charles D., Company. (See Selig, William M., assignor.)
- White, Charles E., and P. A. Parent, College Park, Md. Separating beryllium compounds from aluminum compounds. 2,110,010; Mar. 1.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,107,723; Feb. 8.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Transport truck. 2,141,805; Dec. 27.
- White, Clarence, Walnut Park, assignor to Oil Well Manufacturing Corporation, Los Angeles, Calif. Insert valve seat for slush pumps. 2,130,053; Sept. 13.
- White, Clarence A., Delair, N. J., and E. L. Regin, San Francisco, Calif., assignors, by mesne assignments, to Kleckhefer Container Company, Delair, N. J. Shipping container for canned goods or the like. 2,124,808; July 26.
- White, Clarence B., Philadelphia, Pa. Recovering pure copper from scrap and residue. 2,119,936; June 7.
- White, Clarence B., Philadelphia, Pa. Recovery of metals from scrap and metallurgical residues. 2,128,548; Aug. 30.
- White, Clarence B., Philadelphia, Pa. Method of and apparatus for producing mineral wool. 2,136,988; Nov. 15.
- White, Clarence J., Peoria, Ill. Floral rack. 2,115,693; Apr. 26.
- White, Elmir L., Randolph, assignor to Rust Craft Publishers, Inc., Boston, Mass. Greeting card. 2,111,520; Mar. 15.
- White, Emanuel H., Chicago, Ill. Locking device. 2,140,066; Dec. 13.
- White, Eric L. C. (See Percival, W. S., and White.)
- White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Middlesex, England. High-frequency electrical transmission system. 2,105,305; Jan. 11.
- White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Middlesex, England. Thermionic valve apparatus. 2,113,011; Apr. 5.
- White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, England. Coupling means for thermionic valve circuits. 2,120,823; June 14.
- White, Eric L. C., Hillingdon, and W. S. Percival, Hanwell, assignors to Electric & Musical Industries Limited, Hayes, England. Directional wireless aerial system. 2,105,569; Jan. 18.
- White, Eric L. C., Hillingdon, and E. C. Cork, Worcester Park, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. High frequency transmission system. 2,125,597; Aug. 2.
- White, Everett H., St. Paul, Minn. Remote control mechanism. 2,117,048; May 10.
- White, Everett H., and L. E. Turner, St. Paul, Minn.; said Turner assignor to said White. Remote control mechanism. 2,139,052; Dec. 6.
- White, Ezekiel F., West Hartford, Conn. Adjustable gun choke. Re. 20,958; Dec. 27.
- White, Fitzhugh L., South Norfolk, Va. Drain valve. 2,136,163; Nov. 8.
- White, Frank F., Scotia, N. Y., assignor to General Electric Company. Pulverizing cemented carbides. 2,138,672; Nov. 29.
- White, Frank J. (See Sisley, L. J., and White.)
- White, Frank L. (See Brooker, L. G. S., and White.)
- White, Frank L. (See Wilson, R. R., Brown, and White.)
- White, Frank M., assignor of one-fourth to J. K. Shuger, one-fourth to E. E. Colby, and one-fourth to R. S. Smith, Chicago, Ill. Spring suspension for automobiles. Re. 20,833; Aug. 16.
- White, Frank P., Minneapolis, Minn. Weatherproof masonry joint. 2,108,358; Feb. 15.
- White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Rivet and burr. 2,133,220; Oct. 11.
- White, Fred L. (See Owens, C. A., White, and Beicher.)
- White, Frederick P., Syracuse, N. Y. Fishing line drying reel. 2,141,579; Dec. 27.
- White, George A., Philadelphia, Pa., assignor, by mesne assignments, to L. H. Smith, New York, N. Y. Phonograph. 2,129,611; Sept. 6.
- White, George A., Philadelphia, Pa., assignor to L. H. Smith, Houston, Tex. Phonograph. 2,129,612; Sept. 6.
- White, Gerald E., Lansing, Mich. Fluid supply system. 2,106,822; Feb. 1.
- White, Harold E., Zelenople, assignor to Lava Crucible Company of Pittsburgh, Pittsburgh, Pa. Refractory articles. 2,104,841; Jan. 11.
- White, Harold S., assignor to The Studebaker Corporation, South Bend, Ind. Internal combustion engine. 2,118,633; May 24.
- White, Harrison L., Brockport, N. Y. Traveling belt stoker. 2,124,661; July 26.
- White, Harry B. (See Whitaker, U. A., White and Taylor.)
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Odor dispenser. 2,107,019; Feb. 1.
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner agitator. 2,114,119; Apr. 12.
- White, Harry B., and B. C. Becker, Canton, assignors to The Hoover Company, North Canton, Ohio. Overload release clutch. 2,112,318; Mar. 29.
- White, Harry O., Jr., Sebastopol, Calif. Incense burner. 2,131,460; Sept. 27.
- White, Henry, Waynesburg, Pa. Coasting sled. 2,140,976; Dec. 20.
- White, Herbert E., San Francisco, Calif., assignor to E. H. Edwards Company. Making wire mesh. 2,137,257; Nov. 22.
- White, Herbert E., San Francisco, Calif., assignor to E. H. Edwards Company. Apparatus for making wire mesh. 2,140,488; Dec. 13.
- White, Isaac C., Glendale, Calif. Lock. 2,121,515; June 21.
- White, Jack F., London, England, assignor, by mesne assignments, to Martin-White of America, Inc., New York, N. Y. Garment. 2,134,630; Oct. 25.
- White, James F., Amarillo, Tex. Combustion chamber. 2,113,101; Apr. 5.
- White, Jesse M., Philadelphia, Pa. Crimping machine. 2,114,159; Apr. 12.
- White, Jesse M., Philadelphia, Pa. Brake. 2,125,971; Aug. 9.
- White, Jesse M., Philadelphia, Pa. Braking system. 2,140,040; Dec. 13.



- White, Jewel. (See Campbell, George, assignor.)
- White, John F., Medford, Mass., assignor, by mesne assignments, to Monsanto Chemical Company. Porous niter cake pellets and manufacturing the same. 2,117,467; May 17.
- White, John F., Somerville, Mass., assignor, by mesne assignments, to Monsanto Chemical Company. Crystalline ferric sulphate and preparing the same. 2,132,449; Oct. 11.
- White, John J. (See Harvey, J. E., Jr., and White, Robert H., Jr., and J. J.)
- White, John W., South Bend, Ind., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,123,618; July 12.
- White, John W., Detroit, Mich., assignor, by mesne assignments, to Bendix Products Corporation. Combined master cylinder and stop light switch for hydraulic brake systems. 2,134,902; Nov. 1.
- White, John W., Detroit, Mich., assignor, by mesne assignments, to Bendix Products Corporation. Master cylinder for hydraulic brake systems. 2,137,554; Nov. 22.
- White, John W., assignor to Bendix Products Corporation. South Bend, Ind. Hydraulic brake. 2,140,778; Dec. 20.
- White, John W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Multiple master cylinder unit. 2,141,498; Dec. 27.
- White, John William, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Making hydraulic cylinders. 2,126,237; Aug. 9.
- White, Joseph, Jersey City, N. J. Hospital bed. 2,113,286; Apr. 5.
- White, Joseph, Comstock, N. Y. Fountain pen. 2,130,978; Sept. 20.
- White, Joseph C., deceased; A. G. White, Boston, Mass., executrix. Telephone apparatus. 2,136,720; Nov. 15.
- White, Joseph H., and A. Pitzner, assignors to Spies Brothers, Inc., Chicago, Ill. Finger ring or the like. 2,108,324; Feb. 15.
- White, Karl K., Eastland, Tex. Brake control for winches. 2,114,242; Apr. 12.
- White, Kenneth M. (See Santini, D., and White.)
- White, Leo D. (See Stewart, C. E., and White.)
- White, Leo D., Lansdowne, Pa., assignor to General Electric Company. Supervisory control system. 2,125,093; July 26.
- White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Storage and dispensing apparatus for liquefied gases. Re. 20,624; Jan. 11.
- White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Revaporizer. 2,105,383; Jan. 11.
- White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Dispensing apparatus for liquefied gas. 2,121,673; June 21.
- White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied gas storage and dispensing system. 2,121,674; June 21.
- White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Combination fitting for gas dispensing systems. 2,121,675; June 21.
- White, Milton, et al. (See Barrington, J. W., and White.)
- White, Morris C., San Francisco, Calif. Fluid gauge. 2,124,096; July 19.
- White Motor Company, The. (See Brumbaugh, Andrew K., assignor.)
- White Motor Company, The. (See Vandervoort, Francis M., assignor.)
- White, Murl A. (See Windham, R. H., and White.)
- White, Murl A., assignor to Polly Prentiss, Inc., Sumter, S. C. Tufting machine. 2,110,385; Mar. 8.
- White, Nelson, Los Angeles, Calif. Combined automobile trunk and gas tank. 2,110,411; Mar. 8.
- White, Paul E., Lancaster, Ohio. Apparatus for casting stereotype. 2,120,451; June 14.
- White, Paul W., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,133,066; Oct. 11.
- White, Ralph H., and D. J. McNevin, Chicago, Ill. Facing tape for Venetian blinds. 2,105,937; Jan. 18.
- White, Robert G., Dayton, Ohio. Crochet ring. 2,133,221; Oct. 11.
- White, Robert H., Jr. (See Harvey, J. E., Jr., and White, Robert H., Jr., and J. J.)
- White, Ruth E. (See Smith, Arthur C., assignor.)
- White, S. S., Dental Manufacturing Company, The. (See Angell, Robert C., assignor.)
- White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Blocker synchronizer. 2,134,384; Oct. 25.
- White, Sanford B., Santa Monica, Calif. Amusement and skill game. 2,141,580; Dec. 27.
- White, Stamford, Greenwich, Conn. Burner. 2,138,128; Nov. 20.
- White, Stanley H., Washington, D. C. Vegetation-bearing architectonic structure and system. 2,113,523; Apr. 5.
- White, Sylvan R. (See Kottusch, Emil, assignor.)
- White, Ted M. (See Lerch, W. B., and White.)
- White, Wallace A., Richmond, Va. Water meter. 2,127,195; Aug. 16.
- White, William A., assignor to White's Marine Engineering Company, Limited, Hobburn on Tyne, England. Power unit. 2,137,934; Nov. 22.
- White, William B., Bethlehem, Pa. assignor to Bethlehem Steel Company. Clip. 2,135,680; Nov. 8.
- White, William H., Roanoke, Va., assignor to Morris B. Brewster Co. Inc., Chicago, Ill. Track sander. Re 20,913; Nov. 8.
- White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Closure cap and package. 2,116,938; May 10.
- White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Closure cap applying apparatus. 2,132,335; Oct. 4.
- White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Packaging container. 2,137,745; Nov. 22.
- White, Winthrop. (See Grubb, William B., Sr., assignor.)
- Whitecliff Development and Manufacturing Company. (See Clifton, H., and Whitehead, assignors.)
- Whitefield, Bernard, Tottenham, London, assignor to Baker Perkins Limited, Northamptonshire, England. Machine for dividing or cutting toffee, caramel, or like material. 2,109,812; Mar. 1.
- Whitehall Patents Corporation. (See Marinsky, Davis, assignor.)
- Whitehall Patents Corporation. (See Morin, Louis H., assignor.)
- Whitehead, Alexander G., East Hartford, assignor to Niles Bement-Pond Company, Hartford, Conn. Cross feed mechanism for lathes. 2,131,129; Sept. 27.
- Whitehead Brothers Rubber Company. (See Barnard, Harold, assignor.)
- Whitehead, Earl B., assignor to Atlantic Carton Corporation, Norwich, Conn. Container. 2,134,964; Nov. 1.
- Whitehead, Fred E., and H. T. Bonar, Stillwater, Okla. Nut cracking machine. 2,114,243; Apr. 12.
- Whitehead, Frederick A., assignor to Copperweld Steel Company, Glassport, Pa. Method and apparatus for rolling bimetallic articles. 2,134,014; Oct. 25.
- Whitehead, Frederick W. (See Clifton H., and Whitehead.)
- Whitehead, Frederick W., and W. T. Goodby, Bristol, assignors to The Bristol Aeroplane Company, Limited, Gloucester, England. Manufacture of cylindrical objects. 2,118,959; May 31.
- Whitehead & Kales Company. (See Judd, Irving H., assignor.)
- Whitehead & Kales Company. (See Kales, William R., assignor.)
- Whitehead & Kales Company. (See Kales, W. R., Judd, Huebschman, and Helms, assignors.)
- Whitehead, Otis L., Portland, Ore. Display case. 2,123,680; July 12.
- Whitehead, Richard H., assignor to The New Haven Clock Company, New Haven, Conn. Self-starting motor for electric clocks and the like and making the same. 2,116,256; May 3.
- Whitehead, Richard H., assignor to The New Haven Clock Company, New Haven, Conn. Watchcase. 2,123,688; July 12.
- Whitehead Stamping Company. (See Zink, Fred W., assignor.)
- Whitehead, William. (See Dreyfus, C., and Whitehead.)
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Treatment of organic derivatives of cellulose. 2,105,570; Jan. 18.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Applying liquid to textile materials. 2,106,311; Jan. 25.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Artificial textile material and making same. 2,108,836; Feb. 22.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile material containing organic esters of cellulose and preparing same. 2,108,837; Feb. 22.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Artificial material having modified characteristics and making same. 2,108,838; Feb. 22.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Conductor and filaments therefor containing organic derivative of cellulose. 2,126,850; Aug. 16.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Organic derivatives of cellulose. 2,126,851; Aug. 16.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Preparation and use of textile threads. 2,127,624; Aug. 23.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Colored organic derivatives of cellulose and making same. 2,128,338; Aug. 30.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Spinning artificial filaments. 2,136,201; Nov. 8.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Producing yarn. 2,138,950; Dec. 6.
- Whitehead, William, and C. Hutson, Cumberland, Md., assignors to Celanese Corporation of America. Manufacture of artificial filaments, yarns, or threads. 2,116,548; May 10.
- Whitehead, William A. (See Quick, C. G., Ball, and Whitehead.)
- Whitehouse, Duncan, Mill Hill, London, England. Machine for roughening bricks. 2,107,097; Feb. 1.



- Whitehouse, Francis R. B., Edgbaston, Birmingham, England. Target. 2,121,377; June 21.
- Whitehouse, John N., New York, N. Y. Ornamentation of tubes. 2,111,132; Mar. 15.
- Whitehouse, John N., Camden, N. J. Fountain pen. 2,138,650; Nov. 29.
- Whitehurst, George W., Portsmouth, Va. Oil or liquid fuel burner. 2,132,336; Oct. 4.
- Whiteley, Frank A., Minneapolis, Minn. Apparatus for effecting refrigeration air-conditioning. 2,131,700; Sept. 27.
- Whiteley, James M. (See Fulton, S. C., and Whiteley.)
- Whiteley, James M., Roselle, N. J., assignor to Standard Oil Development Company. Separation of hydrocarbon mixtures into constituent parts. 2,119,871; June 7.
- Whiteley, James M., Roselle, N. J., assignor to Standard Oil Development Company. Settling aid in heavy solvents. 2,129,752; Sept. 13.
- Whiteley, James M., Roselle, and G. A. Beiswenger, Elizabeth, N. J., assignors to Standard Oil Development Company. Treatment of heavy hydrocarbon oils with light hydrocarbons. 2,110,845; Mar. 8.
- Whiteley, Robert H., trustee. (See Whiteley, Robert H., assignor.)
- Whiteley, Robert H., Oak Park, Ill. Washing machine. 2,119,254; May 31.
- Whiteley, Robert H., Oak Park, Ill., assignor to R. H. Whiteley, Trustee. Self-lubricating bearing. 2,123,872; July 19.
- Whitelock, Leland D., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for electric signaling systems. 2,129,313; Sept. 6.
- Whiteman, Benjamin W., Atlanta, Ga. Transparent garment protector. 2,132,337; Oct. 4.
- Whiteman, Daniel S., Philadelphia, assignor to Reilly-Whiteman-Walton Company, Conshohocken, Pa. Apparatus and method for sulphonating fatty compounds. 2,129,896; Sept. 13.
- Whitenack, Charles L. (See Drill, D. C., Whitenack, and Gregory.)
- Whiteside, James C., Sceptre, Saskatchewan, Canada. Farm products loading and distributing device. 2,129,252; Sept. 6.
- White's Marine Engineering Company. (See White, William A., assignor.)
- Whitetree, Alva E., assignor of one-third to S. Grammatico, one-sixth to T. J. La Londe, and one-sixth to L. L. Harvey, Flint, Mich. Sheath syringe. 2,128,977; Sept. 6.
- Whitfield, Joseph E., Grove City, Pa. Fluid pump. 2,123,391; July 12.
- Whitfield, Joseph E., Grove City, Pa. Blower. 2,130,054; Sept. 13.
- Whitfield, Marshall G., and V. Sheshunoff, Knoxville, Tenn., assignors to Reynolds Metals Company, New York, N. Y. Metal coating. 2,135,652; Nov. 8.
- Whitford, Harry S., Fountain Hill, Pa., assignor to Bethlehem Steel Company. Adjustable stop for brake heads. 2,118,960; May 31.
- Whitin Machine Works. (See Meklenburg, Karl W., assignor.)
- Whitin Machine Works. (See Nelson, Harmon O., assignor.)
- Whitin Machine Works. (See Spencer, Alvin, assignor.)
- Whitin Machine Works. (See Truslow, James L., assignor.)
- Whitin Machine Works. (See West, George, assignor.)
- Whiting Corporation. (See Young, Raymond E., assignor.)
- Whiting, Geo., Company. (See Parcells, Paul, assignor.)
- Whiting, Jasper, Boston, Mass. Pipe cleaner. 2,106,584; Jan. 25.
- Whiting Manufacturing Company. (See Beaumont, Eugene P., assignor.)
- Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,105,384; Jan. 11.
- Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,116,420; May 3.
- Whitlark, Claude H. F., and F. A. Weihe, Jr., assignors to McAleer Manufacturing Company, Detroit, Mich. Auto body heater. 2,128,763; Aug. 30.
- Whitley, George L., assignor of one-half to J. S. Whitley Raleigh, N. C. Pressed clothes bagger. 2,122,852; July 5.
- Whitley, John S. (See Whitley, George L., assignor.)
- Whitman, Henry L., Los Angeles, Calif. Alloy. 2,123,449; July 12.
- Whitman, Ray B., Essex Falls, N. J., and E. H. Haan, Chicago, Ill. Combined radio-phonograph time control method and means. 2,115,756; May 3.
- Whitman, Stephen F., & Son, Inc. (See Greenwood, George W., assignor.)
- Whitman, Stewart C., New York, N. Y. Piezoelectric crystal mirror system for sound recording. 2,137,188; Nov. 15.
- Whitman, Stewart C., New York, N. Y. Electrical discharge tube hair waving device. 2,137,189; Nov. 15.
- Whitman, Vincent I., New York, N. Y. Composite miniature photographic apparatus. 2,120,586; June 14.
- Whitmarsh, James H., Dallas, Tex. Ventilating building block. 2,116,457; May 3.
- Whitmire, William A., Boca, Calif. Mucking machine dipper. 2,134,991; Nov. 1.
- Whitmire, William A., Boca, Calif. Mucking machine dipper hoisting means. 2,134,992; Nov. 1.
- Whitmire, William A., Boca, Calif. Mucking machine and conveyer system. 2,138,200; Nov. 29.
- Whitmore, Clarence E. (See Jett, Bernard R., assignor.)
- Whitmore, Frank C., State College, Pa., A. H. Homeyer, St. Louis, Mo., and C. I. Noll, State College, Pa., assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Ureides containing a quaternary carbon atom. 2,135,064; Nov. 1.
- Whitmore, John, assignor to Davidson & Company, Limited, Belfast, Ireland. Control of centrifugal fans, pumps, and the like. 2,140,148; Dec. 13.
- Whitney, Baxter D., & Son, Inc. (See Hawes, Austin W., assignor.)
- Whitney, Baxter D., & Son, Inc. (See Whitney, W. M., and Hawes, assignors.)
- Whitney Chain & Mfg. Company, The. (See Schaefer, William E., assignor.)
- Whitney, Edward E., and L. W. Hontoon, assignors to Matthews Manufacturing Company, Worcester, Mass. Ball-bearing roll. 2,127,149; Aug. 16.
- Whitney, Frederic, Los Angeles, Calif. Bifocal spectacle bridge. 2,104,063; Jan. 4.
- Whitney, Gary M., Compton, assignor to Shell Development Company, San Francisco, Calif. Stabilized fuel oil. 2,104,919; Jan. 11.
- Whitney, Kenneth E., Baltimore, and A. G. Decker, Towson, Md., assignors to The Black & Decker Manufacturing Company. Screw and bolt driving and nut running machine. 2,130,111; Sept. 13.
- Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter drive. 2,117,999; May 17.
- Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Hose coupling. 2,125,477; Aug. 2.
- Whitney Metal Tool Company. (See Gardner, Ralph D., assignor.)
- Whitney Metal Tool Company. (See Jensen, John, assignor.)
- Whitney, Ralph D., New York, N. Y. Decolorizing system for purification of lubricating oil in internal combustion engines. 2,106,863; Feb. 1.
- Whitney, Robert F., Winchester, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Work treating roll. 2,137,372; Nov. 22.
- Whitney, Wiley, Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 2,105,898; Jan. 18.
- Whitney, William M., and A. W. Hawes, assignors to Baxter D. Whitney & Son, Inc., Winchendon, Mass. Wood-shaping machine. 2,141,631; Dec. 27.
- Whitney, Willis B., and E. B. Wedmore, assignors to The British Electrical & Allied Industries Research Association, London, England. Electrical circuit interrupter. 2,141,120; Dec. 20.
- Whiton, Louis C., Jr., Westport, Conn., assignor to Prad-Daniel Corporation, Port Chester, N. Y. Dust catcher. 2,119,478; May 31.
- Whitsitt, William B., Baltimore, Md. Air conditioning apparatus for railway cars. 2,133,067; Oct. 11.
- Whitson, Lincoln L., Van Nuys, Calif. Trailer leg. 2,106,230; Jan. 25.
- Whitson, Willis L., Minneapolis, Minn. Control system for electrically operated apparatus. 2,126,238; Aug. 9.
- Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Section insulator with magnetic blow-out. 2,117,867; May 17.
- Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,141,259; Dec. 27.
- Whittaker, John S., Puchong, Selangor, Federated Malay States. Dredger bucket. 2,126,522; Aug. 9.
- Whittaker, Roland M. (See Falcoun, D. B., and Whittaker.)
- Whittaker, William A., Dobbs Ferry, assignor to Anacanda Wire & Cable Company, New York, N. Y. Wire drawing method and apparatus. 2,138,201; Nov. 29.
- Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Windshield wiper connection. 2,125,478; Aug. 2.
- Whitten, Noah L. (See King, J. L., and Whitten.)
- Whittier, Benjamin L., Ruxton, assignor to Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md. Drier felt. 2,115,658; Apr. 26.
- Whittier, Charles C., Chicago, Ill. Method and means for producing vitamin D. 2,106,779; Feb. 1.
- Whittier, Charles C., Chicago, Ill. Producing a vitamin D product. 2,106,780; Feb. 1.
- Whittier, Charles C., assignor to Nutrition Research Laboratories, Inc., Chicago, Ill. Apparatus for producing antirachitic products. 2,106,781; Feb. 1.
- Whittier, Charles C., assignor to Nutrition Research Laboratories, Inc., Chicago, Ill. Apparatus for producing vitamin D. 2,106,782; Feb. 1.
- Whittier, Earle O., and S. F. Gould, Washington, D. C., dedicated to the free use of the People of the United States of America. Fiber. 2,140,274; Dec. 13.
- Whittier, Elmer S., Bristol, assignor to The Cooper Oven Thermometer Company, Plymouth, Conn. Instrument supporting device. 2,117,012; May 10.
- Whittier, Leon A., Santa Barbara, Calif. Relief map. 2,127,546; Aug. 23.



- Whittington, Ralph S., Oak Park, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Automatic clutch control device. 2,107,724; Feb. 8.
- Whittington, Ralph S., Boston, Mass., assignor to Bendix Products Corporation, South Bend, Ind. Automatic control of the brakes of a motor vehicle. 2,111,305; Mar. 15.
- Whittle, Frank, Trumington, England. Electrical torque transmission. 2,113,102; Apr. 5.
- Whittle, William S., Cleveland, Ohio. Blowgun. 2,124,937; July 26.
- Whitworth, Sir W. G. Armstrong, & Co. (Engineers) Limited. (See Bokenmüller, Alfred, assignor.)
- Whyte, Alexander K. (See Wear, F., and Whyte.)
- Whyte, John, assignor to Electric Household Utilities Corporation, Chicago, Ill. Impeller for washing machines. 2,140,866; Dec. 20.
- Whyte, Wilfrid S. (See Truesdell, F. W., Cameron, and Whyte.)
- Wibaut, Johan P., L. M. F. van de Lande, and G. W. Wallagh, Amsterdam, Netherlands, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of 1,3-dichloro- and 1,3,5-trichlorobenzenes. 2,123,857; July 12.
- Wibaut, Johan P., Amsterdam, and H. J. den Hertog, Jr., Deventer, Netherlands, assignors to The Dow Chemical Company, Midland, Mich. 2-amino-6-piperidyl-pyridines. 2,129,294; Sept. 6.
- Wicaco Machine Corporation, The. (See Laird, Joseph P., assignor.)
- Wich, Alfred. (See Müller, H., Vogl, and Wich.)
- Wichtendahl, Rudolf, Hanover, Germany. Hydraulically actuated friction clutch. 2,105,625; Jan. 18.
- Wichtendahl, Rudolf, Hanover, Germany. Friction clutch. 2,138,393; Nov. 29.
- Wick, George A., Irvington, N. J. Tool. 2,135,065; Nov. 1.
- Wick, John H., assignor to Wicks Pipe Organ Co., Highland, Ill. Combination stop action for organs. 2,104,338; Jan. 4.
- Wick, Ronald F. (See Norton, E. L., and Wick.)
- Wickenden, Leonard, Manhasset, assignor to Beau May Process Corporation, New York, N. Y. Concentration of liquid food material. 2,116,920; May 10.
- Wickersham, Don P., and K. O. Waldvogel, assignors to The Johnson Manufacturing Company, Urbana, Ohio. Hygrometer. 2,134,067; Oct. 25.
- Wickersham, Elmer E., San Leandro, Calif. Loudspeaker construction. 2,128,722; Aug. 30.
- Wickersham, Harry P., Huntington Park, and E. Burns, Los Angeles, Calif. Tubing head. 2,122,827; July 5.
- Wickert, Jacob N., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Production of new decylene glycols. 2,112,310; Mar. 29.
- Wickert, John A., Jr., Shorewood, assignor to Phoenix Hosiery Company, Milwaukee, Wis. Liquid extracting means and method. 2,109,559; Mar. 1.
- Wicks Bros. (See Floeter, Frederick S., assignor.)
- Wickham, Alfred. (See Nichols, Charles H., assignor.)
- Wickizer, Gilbert S. (See Beverage, H. H., Carter, and Wickizer.)
- Wickliffe, John K., assignor to Industrial Patents Corporation, Chicago, Ill. Carton packing fixture. 2,140,179; Dec. 13.
- Wickliff, William, and H. R. Fry, Los Angeles, Calif. Vehicle seat table. 2,132,279; Oct. 4.
- Wicks, Clifford P., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door holder. 2,121,766; June 21.
- Wicks, John, Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,137,517; Nov. 22.
- Wicks, John, Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,137,518; Nov. 22.
- Wicks Pipe Organ Co. (See Wick, John H., assignor.)
- Wickstrom, Gustaf. (See Albert, P., and Wickstrom.)
- Wickwire, Arthur M., Jr., Nutley, assignor to Peerless Roll Lenz Co., Inc., Union City, N. J. Stamping press. 2,122,669; July 5.
- Wickwire Spencer Steel Company. (See King, Vernon C., assignor.)
- Wico Electric Company. (See Borgerd, W. F., Bechman, and Harmon, assignors.)
- Wico Electric Company. (See Harmon, Kenneth A., assignor.)
- Widdas, Stanley S., Cardiff, Wales. Rail chair. 2,140,683; Dec. 20.
- Widdcomb, John, Company. (See Czubinski, Bert, assignor.)
- Widell, Emil G. (See Edlison, C., and Widell.)
- Wideman, Mervin, Brooklyn, N. Y. Hair waving device. 2,134,592; Oct. 25.
- Widerøe, Rolf, Vestre Aker, near Oslo, Norway. Three-phase power direction indicating means. 2,130,573; Sept. 20.
- Wide World Photos, Inc. (See Cooley, Austin G., assignor.)
- Wide World Photos, Inc. (See Cooley, A. G., and Dill-back, assignors.)
- Widger, William O. (See McCullough, David R., assignor.)
- Widman, Charles H., and F. J. Westrope, Detroit, Mich., assignors to The Murray Corporation of America. Rear end vehicle construction. 2,117,049; May 10.
- Widman, Charles H., and A. H. Haberstump, Detroit, Mich., assignors to The Murray Corporation of America. Window finish strip. 2,127,499; Aug. 23.
- Widmann, Eugene A., New York, N. Y. Syphon system. 2,118,532; May 24.
- Widmann, Eugene A., New York, N. Y. Seed germinating machine. 2,121,461; June 21.
- Widmer, Gustave. (See Gams, A., Widmer, and Frey.)
- Widmer, Gustave, Philadelphia, Pa., assignor to The firm of Society of Chemical Industry in Basle, Basel, Switzerland. Pigment and making the same. 2,119,189; May 31.
- Widmer, Jules A., assignor to Taylor Instrument Companies, Rochester, N. Y. Regulator. 2,111,690; Mar. 22.
- Widmer, Jules A., assignor to Taylor Instrument Companies, Rochester, N. Y. Recording galvanometer. 2,115,831; May 3.
- Widmer, Stefan, and M. Hürlimann, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric valve protective system. 2,132,839; Oct. 11.
- Widmer, Willi. (See Straub, F., and Widmer.)
- Wielchell, Heinz. (See Steudel, H., and Wielchell.)
- Wiechers, Benton T. (See Fellows, H. E., and Wiechers.)
- Wiedbrauck, Erich. (See Fulda, W., Wiedbrauck, and Büche.)
- Wiedbrauck, Erich, H. Schrader, and K. Büche, assignors to the firm of Th. Goldschmidt A.-G., Essen-Ruhr, Germany. Decomposition of complex sulphate salt containing alkali sulphates and alkaline earth sulphates. 2,136,996; Nov. 15.
- Wiedeman, Stanhope, Lexington, Ky. Piano music-reproduction attachment. 2,108,571; Feb. 15.
- Wiedemann, Max, Rutherford, assignor of one-half to C. P. Hebenstreit, Clifton, N. J. Automatic cloth feed control. 2,116,494; May 3.
- Wiedenbauer, Alois. (See Van Cleave, E. E., and Wiedenbauer.)
- Wieder, Ferd W., Berkeley, Calif., assignor to Stauffer Chemical Company. Production of sulphur dioxide. 2,118,333; May 24.
- Wiegand, Charles F., Upper Darby, Pa. Vaginal syringe. 2,122,995; July 5.
- Wiegand, Charles J. (See Sondern, C. W., and Wiegand.)
- Wiegand, Christian. (See Merkel, E., and Wiegand.)
- Wiegand, Christian, and E. Merkel, Wuppertal-Elberfeld, and E. Tietze, Cologne, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Light filter. 2,122,828; July 5.
- Wiegand, Edwin L., Pittsburgh, Pa. Electric heating apparatus. 2,123,294; July 12.
- Wiegand, Edwin L., Pittsburgh, Pa. Electrical heating element and making same. 2,139,785; Dec. 13.
- Wiegand, Edwin L., Pittsburgh, Pa. Electrical heating element. 2,139,786; Dec. 13.
- Wiegand, Erich, Berlin-Waldmannslust, W. Meyer, Birkenwerder, near Berlin, and H. Fulrich, Berlin-Wilmersdorf, assignors to Allgemeine Elektrizitäts Gesellschaft, Berlin, Germany. Electron discharge device. 2,104,784; Jan. 11.
- Wiegand, Georg, assignor to Chemische Fabrik Grünau, Landshoff & Meyer A. G., Berlin-Grünau, Germany. Higher molecular substituted protein cleavage products and their preparation. 2,119,872; June 7.
- Wiegand, Hellmuth, Berlin-Lichtenrade, assignor to Willy Salge & Co., Technische Gesellschaft, Berlin, Germany. Valve gear. 2,113,149; Apr. 5.
- Wiegand, Kurt, Hohen-Neuendorf, near Berlin, Germany, assignor to General Electric Company. Electric discharge device. 2,116,720; May 10.
- Wiegand, Kurt, Berlin-Neu-Tempelhof, Germany, assignor to General Electric Company. Mounting for a two-base electric tubular lamp. 2,120,121; June 7.
- Wiegand, Kurt, Berlin-Hohen-Neuendorf, and F. Göritz, Berlin, Germany, assignors to General Electric Company. Fitting for tubular incandescent lamps. 2,108,633; Feb. 15.
- Wiegman, Clarence H. (See Hoffman, S. K., and Wiegman.)
- Wiegman, Clarence H., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,107,098; Feb. 1.
- Wiegman, Floyd A., Chicago, Ill. Fastener for shirt collars. 2,133,068; Oct. 11.
- Wiehner, Raymond H., assignor to The Tabor Manufacturing Company, Philadelphia, Pa. Molding machine. 2,135,372; Nov. 1.
- Wienecke, Bruno, Berlin, Germany. Multisystem tube. 2,114,620; Apr. 19.
- Wienecke, Bruno, Berlin, Germany. Producing synthetic musical sounds. 2,115,659; Apr. 20.
- Wienecke, Bruno, Berlin, Germany. Tube for short waves. 2,120,070; Sept. 6.
- Wienecke, Hans, Remscheid, Germany. Reproducing engraved drawings. 2,119,190; May 31.
- Wiener, Edward G., Lynbrook, N. Y. Aerial banner. 2,122,766; July 5.
- Wiener, Louis J., Brooklyn, N. Y. Bed and accessory therefor. 2,133,369; Oct. 18.
- Wiener, Norbert. (See Lee, Y. W., and Wiener.)



- Wiener, Norbert and Y.-W. Lee, Peiping, China, assignors to American Telephone and Telegraph Company. Electrical network system. 2,124,599; July 26.
- Wieners, Franz. (See Mieg, W., and Wieners.)
- Wienholz, Albert E., Long Island City, N. Y. Stone cutting wire saw. 2,123,619; July 12.
- Wiersma, John H., Chicago, Ill. Cooking utensil. 2,117,780; May 17.
- Wiese, Floyd M. (See Meszar, J., and Wiese.)
- Wiese, George E., and D. Culwell, Spokane, Wash. Milk pail supporter. 2,104,842; Jan. 11.
- Wiesman, William A., Dayton, Ohio. Cover for leader pins. 2,141,027; Dec. 20.
- Wiesmann, Joseph W. (See Young, J. H., and Wiesmann.)
- Wiesmeier, Albert C., Kimmswick, Mo. Internal combustion engine. 2,133,775; Oct. 18.
- Wiezewich, Peter J. (See Young, P. L., and Wiezewich.)
- Wiezewich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricant. 2,104,408; Jan. 4.
- Wiezewich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricant. 2,104,409; Jan. 4.
- Wiezewich, Peter J., now by change of name P. J. Gaylor, and L. B. Turner, Elizabeth, N. J., assignors to Standard Oil Development Company. Ester-containing lubricants and making the same. 2,107,316; Feb. 8.
- Wiezewich, Peter J., now by judicial change of name, P. J. Gaylor, Elizabeth, N. J., assignor to Standard Oil Development Company. Oil blending agent. 2,113,150; Apr. 5.
- Wiezewich, Peter J., Elizabeth, N. J., now by judicial change of name P. J. Gaylor, assignor to Standard Oil Development Company. Lubricating oil. 2,113,752; Apr. 12.
- Wiezewich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Blended oils. 2,115,355; Apr. 26.
- Wiezewich, Peter J., now by judicial change of name to P. J. Gaylor, Elizabeth, N. J., assignor to Standard Oil Development Company. Rubber substitutes. 2,115,896; May 3.
- Wiezewich, Peter J., now by judicial change of name P. J. Gaylor, Elizabeth, and H. G. Vesterdal, Linden, Elizabeth, N. J., assignors to Standard Oil Development Company. Halogenated hydrocarbon solvents. 2,119,873; June 7.
- Wiezewich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Mineral oils. 2,123,641; July 12.
- Wiezewich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Producing a gasoline fraction of high antiknock grade. 2,123,642; July 12.
- Wiezewich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Condensed blending agent and lubricant. 2,128,109; Aug. 23.
- Wiezewich, Peter J., Elizabeth, N. J., now by judicial change of name P. J. Gaylor, assignor to Standard Oil Development Company. Rubber compositions and preparing same. 2,138,895; Dec. 6.
- Wig, Rudolph J., San Marino, assignor to California Process Company, Los Angeles, Calif. Treating grease wool. 2,116,294; May 3.
- Wigdor, Isaac, Bayonne, N. J. Sundial watch. 2,137,519; Nov. 22.
- Wiget, Georg, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Filling-changing mechanism for looms. 2,125,470; Aug. 2.
- Wiggam, David R., West Chester, Pa., assignor to Hercules Powder Company, Wilmington, Del. Manufacturing smokeless powder. 2,121,138; June 21.
- Wiggers, Henry, Chandler, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Refrigerating apparatus. 2,107,317; Feb. 8.
- Wiggins, John H., Chicago, Ill. Control device for breather type storage tanks. 2,136,202; Nov. 8.
- Wigglesworth, Albert W., assignor to Hill-Clarke Machinery Co., Chicago, Ill. Motor driven headstock for machine tools. 2,112,126; Mar. 22.
- Wigglesworth, Albert W., assignor to Hill-Clarke Machinery Co., Chicago, Ill. Motor driven headstock for machine tools. 2,139,397; Dec. 6.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,111,500; Mar. 15.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,111,501; Mar. 15.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,121,846; June 28.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,121,847; June 28.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,132,139; Oct. 4.
- Wightman, Arthur I. Belding, assignor to H. F. Hittle, East Lansing, Mich. Exhaust deflector. 2,123,858; July 12.
- Wightman, Rolan J., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Pasteurizing milk. 2,119,616; June 7.
- Wigton, George H., Euseka, Utah. Concentration of ores. Re. 20,614; Jan. 4.
- Wigton, George H., Eureka, Utah. Concentration of ores. Re. 20,666; Mar. 1.
- Wiitala, Arvo E., Ashtabula, Ohio. Sanitary seat cover and dispensing cabinet therefor. 2,105,133; Jan. 11.
- Wikstrom, Alfred, Denver, Colo. Plumb and level. 2,133,605; Oct. 18.
- Wikstrom, Oskar W. (See Gregoire, Horace W., assignor.)
- Wikstrom, Oskar W. (See Macdonald, Kenneth W., assignor.)
- Wilbur, Donald A., Troy, N. Y. Distortion balanced demodulator. 2,116,814; May 10.
- Wilbur, Ralph H. (See Lane, J. D., and Wilbur.)
- Wilbur, Scott I. (See Cooke, G. B., and Wilbur.)
- Wilbur, William K., assignor to Portable Lamp & Equipment Company, Pittsburgh, Pa. Derrail device. 2,114,950; Apr. 19.
- Wilby, Edward W. (See Kimball, C. N., and Wilby.)
- Wilcken, Karl, Dessau-Ziebigk, assignor to Junkers Flugzeug- und Motorenwerke Aktiengesellschaft, Dessau, Germany. Crankcase for internal combustion engines. 2,106,939; Feb. 1.
- Wilcolator Company, The. (See Fonseca, Edward L., assignor.)
- Wilcox, Edgar M., Chicago, Ill., and A. M. Stockwell, Elkhart, Ind. Fuel feeding device for locomotives or the like. 2,109,242; Feb. 22.
- Wilcox, Harry A. (See Barker, J. L., and Wilcox.)
- Wilcox, Harry L. (See Wright, D. C., and Wilcox.)
- Wilcox, Harry L., assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Centrifugal switch. 2,115,603; Apr. 26.
- Wilcox, Isaac L. (See Skinner, E. W., Wilcox, and Huntley.)
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Thin sheet blanking mechanism. 2,109,854; Mar. 1.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Container. 2,110,615; Mar. 8.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Removable sub-compartment end closure for receptacles. 2,110,616; Mar. 8.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Container. 2,113,715; Apr. 12.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Container. 2,126,159; Aug. 9.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Container. 2,134,166; Oct. 25.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Cut-off mechanism. 2,105,385; Jan. 11.
- Wilcox, Richard L., and H. L. Hoyt, assignors to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Cut-off mechanism. 2,105,386; Jan. 11.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Cut-off and transfer mechanism. 2,105,387; Jan. 11.
- Wilcox, Richard L., Waterbury, Conn., J. Werner, Detroit, Mich., and G. Kroupskey, Amityville, N. Y., assignors to The Waterbury Farrel Foundry & Machine Co., Waterbury, Conn. Nut threading machine. 2,115,604; Apr. 26.
- Wilcox, William D., Pekin, Ill. Producing carbon black from hydrocarbon gases. 2,138,249; Nov. 29.
- Wilcox, William T., Auburn, assignor to The Firth Carpet Company, New York, N. Y. Crate for carpets and the like. 2,112,003; Mar. 22.
- Wilcoxon, Jesse I., Jr. (See Wilcoxon, J. I., Sr., and J. I., Jr.)
- Wilcoxon, Jesse I., Sr., and J. I., Jr., Ford, Kans. Agricultural implement. 2,131,546; Sept. 27.
- Wilcoxon, Frank. (See Hartzell, A., Wilcoxon, and Youden.)
- Wild, Charles H., assignor to Burt Machine Company, Incorporated, Baltimore, Md. Casing machine. 2,107,170; Feb. 1.
- Wild, Edward. (See Bliss, H. N., and Wild.)
- Wild, Edward, assignor to Veeder-Root Incorporated, Hartford, Conn. Registering and recording mechanism. 2,138,480; Nov. 29.
- Wild, George P. (See Rabens, F. T., and Wild.)
- Wild, Gunther P., Philadelphia, Pa., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Latch mechanism and operating means therefor. 2,120,534; June 14.
- Wild, Heinrich, Zurich, assignor to Henry Wild Surveying Instruments Supply Co., Ltd., Heerbrugg, Switzerland. Stereotopographical plotting apparatus with stereoscopic visual system. 2,113,970; Apr. 12.
- Wild, Henry, Surveying Instruments Supply Co. (See Wild, Heinrich, assignor.)
- Wild, Richard E., Richmond Heights, Mo. Card game accessory. 2,119,839; June 7.
- Wild, Robert W. (See Leeson, B. H., and Wild.)
- Wild, Wilhelm, and F. Liesberg, Ludwigshafen-on-the-Rhine, Germany. Alkali metal and ammonium nitrates. 2,140,726; Dec. 20.
- Wilde, Willy. (See Krefft, H., Wilde, and Larché.)



- Wildebour, Charles W., Olympia, Wash. Automatic liquid shut-off device. 2,106,197; Jan. 25.
- Wildenthaler, James L., Sandusky, Ohio. Carbon holder. 2,122,829; July 5.
- Wilder, George H., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigmentation of resinous condensation products. 2,122,270; June 28.
- Wilder, Harold F., Bloomfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Local correction of cable signals. 2,109,982; Mar. 1.
- Wilder, Harold F., Radburn-Fair Lawn, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Submarine cable receiving system. 2,136,910; Nov. 15.
- Wilder, Richard S., Hamburg (assignor to National Aniline & Chemical Company, Incorporated, New York, N. Y. Preparation of amino anthraquinone compounds. 2,112,258; Mar. 29.
- Wildes, George F., Pittsburgh, and C. C. Gasparin, Millvale, Pa. Tear gas gun. 2,124,172; July 19.
- Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Method of and mechanism for producing gears. 2,107,460; Feb. 8.
- Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Cutting gears. 2,108,244; Feb. 15.
- Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Gear cutter. 2,129,077; Sept. 6.
- Wildhaber, Ernest, Irondequoit, and A. H. Candee, assignors to Gleason Works, Rochester, N. Y. Gear. 2,105,104; Jan. 11.
- Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Producing gears. 2,136,269; Nov. 8.
- Wildman Mfg. Co. (See Howie, Kenneth, assignor.)
- Wilds, William. (See Barry, P., and Wilds.)
- Wildt and Company. (See Leedham, L. H., and Holmes, assignors.)
- Wildt and Company Limited. (See Holmes, Henry H. and E. J., assignors.)
- Wildt and Company Limited. (See Leedham, L. H., and Holmes, assignors.)
- Wildt and Company Limited. (See Spiers, E., and Hurd, assignors.)
- Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Valve. 2,108,979; Feb. 22.
- Wile, Daniel D., Detroit, and R. L. Campbell, Birmingham, assignors to Detroit Lubricator Company, Detroit, Mich. Temperature control apparatus. 2,117,529; May 17.
- Wilensky, Nathan D. (See Collens, W. S., Wilensky, and Kroll.)
- Wiles, Everett R., Barnsdall, Okla. Making waxes. 2,123,982; July 19.
- Wiley, Edwin G. (See Adams, E. W., Ovitz, and Wiley.)
- Wiley, Esmond F., Oakland, assignor to Universal Window Company, Berkeley, Calif. Awning type window. Re. 20,878; Oct. 4.
- Wiley, Lee M., assignor to Delta Electric Company, Marion, Ind. Bicycle lamp. 2,106,231; Jan. 25.
- Wiley, Lee M., Marion, Ind., assignor to Delta Electric Company. Bicycle lamp. 2,124,222; July 19.
- Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Stabilizing vinylidene chloride. 2,136,347; Nov. 8.
- Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Stabilizing vinylidene chloride. 2,136,348; Nov. 8.
- Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Stabilizing vinylidene chloride. 2,136,349; Nov. 8.
- Wiley, Samuel D., Metuchen, N. J. Flare. 2,112,614; Mar. 29.
- Wiley, Samuel E., Nashville, Tenn. Railway mail car. 2,107,099; Feb. 1.
- Wiley, William R., Detroit, Mich. Clip. 2,133,837; Oct. 18.
- Wilford, Edward B. (See Daland, Elliot, assignor.)
- Wilford, Edward B., Merion, Pa. Gyroplane. 2,106,783; Feb. 1.
- Wilford, Edward B., Merion, and E. Daland, Philadelphia, Pa. Aircraft. 2,108,839; Feb. 22.
- Wilford, Edward B., and E. Daland, Philadelphia, Pa. Aircraft control. 2,123,392; July 12.
- Wilgus, Harold M. (See Heller, G. L., and Wilgus.)
- Wilhartz, Leland J., Chicago, and M. M. Brooke, Oak Park, assignors, by mesne assignments, to Puritan Mills, Inc., Chicago, Ill. Yeast concentrate with bacterial culture. 2,114,694; Apr. 19.
- Wilhelm, Alexander, Budapest, assignor to the firm Pannónia Báránybőrmosító és Kereskedelmi r. t., Ujpest, Hungary. Machine for smoothing and combing skins and the like. 2,106,991; Feb. 1.
- Wilhelm, Ernest J., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Coating malleable non-ferrous heavy metals. 2,106,904; Feb. 1.
- Wilhelm, George F., St. Charles, Mo. Inflated hat block. 2,129,720; Sept. 13.
- Wilhelm, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving system for receiving a wide range of frequencies. 2,112,320; Mar. 29.
- Wilhelm, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier tube arrangement. 2,119,694; June 7.
- Wilhelm, Richard H., Princeton, N. J. Nitrating hydrocarbons in the vapor phase. 2,109,873; Mar. 1.
- Wilhelm, Christian, assignor, by mesne assignments, to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Automatic control system. 2,106,262; Jan. 25.
- Wilhoit, Joseph D., Louisville, Ky. Ice cream disher. 2,129,753; Sept. 13.
- Wilhoit, Joseph D., Louisville, Ky. Dental implement. 2,134,934; Nov. 1.
- Wilken, Casey J., Sunset Hills, Va. Producing yeast mash. 2,132,091; Oct. 4.
- Wilkening Manufacturing Company. (See Robertson, Delmar D., assignor.)
- Wilkinson, Herman W., Hearne, Tex. Tire demounting unit. 2,122,388; June 28.
- Wilkinson, Victor O. (See Malmros, G. V. A., and Wilkerson.)
- Wilkey, John E. (See Swartz, C. E., and Wilkey.)
- Wilkey, John E., Lyndhurst, assignor to Sea Gull Lubricants, Inc., Cleveland, Ohio. Making cutting-oil compounds. 2,140,215; Dec. 13.
- Wilkie, Harry, Portland, Maine. Garment with detachable hood. 2,129,454; Sept. 6.
- Wilkie, Robert J. (See Chrysler, H. S., and Wilkie.)
- Wilkin, Arthur J., San Pedro, Calif. Combination desk and chair. 2,107,404; Feb. 8.
- Wilkin, Lester A., East Chicago, Ind., assignor to Graver Tank & Mfg. Co., Inc., Catasauqua, Pa. Combined breather and pressure roof. 2,114,513; Apr. 19.
- Wilkins, E. J., Co. (See St. Thomas, W. H., and Weydener, assignors.)
- Wilkins, Roy, assignor to K. P. F. Electric Company, San Francisco, Calif. Contact for electrical apparatus. 2,106,332; Jan. 25.
- Wilkinson, Eltoft W., Berkeley, Calif., assignor to Minerals Separation North American Corporation, New York, N. Y. Concentration of minerals. 2,120,535; June 14.
- Wilkinson, George H., Windsor, Ontario, Canada. Wear-plate for rubber overshoes and the like. 2,108,572; Feb. 15.
- Wilkinson, Henry, and N. Pilkington, assignors of one-third to Platt Brothers and Company Limited, Oldham, England. Apparatus for mechanically treating flax stalks and the like. 2,121,378; June 21.
- Wilkinson, John L., Washington, D. C. Combined can opener and mug handle. 2,127,452; Aug. 16.
- Wilkinson, Kenneth J. R. (See Trencham, H., and Wilkinson.)
- Wilkinson, Nathan, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Power transmission system for well drilling and the like. 2,110,142; Mar. 8.
- Wilkinson, Robert, Cheadle Hulme, England. Gramophone and the like sound reproduction device. 2,116,056; May 3.
- Wilkinson, Thomas T., and S. D. Boughton, Toronto, Ontario, Canada. Bottle washer. 2,119,191; May 31.
- Wilkinson, William J., Eastchester, N. Y., assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Making white-corrected positives for the production of printing plates. 2,114,325; Apr. 19.
- Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Correction of negatives. 2,124,679; July 26.
- Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company. Surprising. 2,124,680; July 26.
- Wilkoff, Louis C., Youngstown, and S. H. Smith, Cleveland, assignors to Youngstown Steel Car Corporation, Niles, Ohio. Rail joint. 2,110,102; Mar. 1.
- Wilkow, Abraham. (See Horowitz, Louis, assignor.)
- Will, Carl. (See Soreng, E. M., and Will, assignors.)
- Will, Carl H., assignor to Tropic-Aire Incorporated, Minneapolis, Minn. Deflector for automobile heaters. 2,118,282; May 24.
- Will, Carl H., and H. W. Fink, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 2,118,281; May 24.
- Will, Carl H., and H. W. Fink, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 2,134,648; Oct. 25.
- Will, Carl H., and H. W. Fink, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 2,134,649; Oct. 25.
- Will, Curt, Koenigsberg, and K. Braun, Schmiedemühl, Germany. Automatic control system and device. 2,114,413; Mar. 15.
- Willach, Bernhard. (See Klein, M., Willach, and Strader.)
- Willard, Frederick W., Summit, N. J., assignor to Nassau Smelting and Refining Company, New York, N. Y. Producing lead alloys. 2,104,444; Jan. 4.
- Willard, George T., Chicago, Ill. Tie plate and rail cushion retainer. 2,108,460; Feb. 15.
- Willard, George T., Chicago, Ill. Tie plate and rail clip. 2,140,341; Dec. 13.
- Willard, George T., Chicago, Ill. Tie plate and rail retaining clip. 2,141,891; Dec. 27.
- Willard, John R. (See Smith, C. N., and Willard.)
- Willard, John R., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Marking plate. 2,127,576; Aug. 23.



- Willard, John R., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Making a shelf structure for refrigerators. 2,140,610; Dec. 20.
- Willard Manufacturing Corporation. (See Gegenheimer, William, assignor.)
- Willard Storage Battery Company. (See Altmayer, Frank, assignor.)
- Willard Storage Battery Company. (See Wells, Leland E., assignor.)
- Willby, Norman H. (See Austin, B. O., and Willby.)
- Willcox, Bertha P., et al., executors. (See Willcox, Roderick H.)
- Willcox & Gibbs Sewing Machine Company. (See Dowd, Charles W., assignor.)
- Willcox & Gibbs Sewing Machine Company. (See Ogden, Floyd H., assignor.)
- Willcox & Gibbs Sewing Machine Co. (See Weis, Albert H., assignor.)
- Willcox, Richard V., et al., executors. (See Willcox, Roderick H.)
- Willcox, Roderick H., deceased; B. P. and R. V. Willcox, co-executors, Columbus, Ohio. Producing oilcloth. 2,131,777; Oct. 4.
- Wille, Joseph L. (See Freber, Elmer C., assignor.)
- Wille, Walter O. (See Clay, J. B., and Wille.)
- Willene, Martin. (See Ruesenberg, C. A., and Willene.)
- Willers, Carl J. W., Brooklyn, assignor of one-half to F. J. Bradley, St. Albans, N. Y. Register with preset printing mechanism. 2,138,287; Nov. 29.
- Wiles, Frederick H., West Palm Beach, Fla. Meter insulation and protective barrier. 2,142,013; Dec. 27.
- Wilets, William C., Glendale, assignor to Elysian Spring Water & Bottling Company, Los Angeles, Calif. Water cooler and dispenser. 2,133,678; Oct. 18.
- Willett, Arthur L., Denver, Colo. Self-latching milk bottle box. 2,140,779; Dec. 20.
- Willett, Benedict E., Dayton, Ohio, assignor of one-half to C. W. Riebel, Louisville, Ky. United folding leg table. 2,107,252; Feb. 1.
- Willets, Elwood H., Douglaston, N. Y. Automotive trucking vehicle. 2,113,778; Apr. 12.
- Willets, Paul G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method and apparatus for making glass. 2,118,799; May 24.
- Willey, Edward A., assignor to Converse Rubber Company, Malden, Mass. Shoe press. 2,114,197; Apr. 12.
- Willey, Fay H., Detroit, Mich. Making a hard and compact metal for use in formation of tools, dies, etc. 2,133,495; Oct. 18.
- Willey, Richard W. (See Richardson, B. E., and Willey.)
- Willfong, Jack I. (See Maroney, J. G., and Willfong.)
- Willging, Louis F., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Automatic volume control system. 2,107,514; Feb. 8.
- Willgoos, Andrew V. D., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Internal combustion engine-rocker arm lubrication. 2,123,681; July 12.
- Willhammer, John M., Chicago, Ill. Electrical socket. 2,112,510; Mar. 29.
- Willheim, Raoul, and G. Fröhau, Berlin-Oberschöneweide, Germany, assignors to General Electric Company. Testing arrangement for circuit-interrupting devices. 2,104,629; Jan. 4.
- William, Roger D., et al. (See Frey, Henry, assignor.)
- Williames, Everett A., U. S. Navy. Fluid fuel burning blacksmith's forge. 2,120,271; June 14.
- Williams, Ada P., Oakland, Calif. Clothesline sheath. 2,126,073; Aug. 9.
- Williams, Albert J., Jr. (See Behr, L., Williams, and Adams.)
- Williams, Albert J., Jr., assignor to Leeds & Northrup Company, Philadelphia, Pa. Recorder and control circuits. 2,113,164; Apr. 6.
- Williams, Albert J., Jr., assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring system. 2,113,436; Apr. 6.
- Williams, Albert J., Jr., and S. B. Morehouse, assignors to Leeds & Northrup Company, Philadelphia, Pa. Electrical generating system. 2,124,725; July 26.
- Williams, Alfred L. W. (See Sawyer, C. E., Tower, and Williams.)
- Williams, Alfred L. W., assignor to The Brush Development Company, Cleveland, Ohio. Piezo-electric apparatus. 2,105,011; Jan. 11.
- Williams, Alfred L. W., assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device and making the same. 2,106,143; Jan. 18.
- Williams, Alfred L. W., assignor to The Brush Development Company, Cleveland, Ohio. Acoustical apparatus. 2,126,436; Aug. 9.
- Williams, Alfred L. W., assignor to The Brush Development Company, Cleveland, Ohio. Apparatus for generating electrical waves. 2,126,437; Aug. 9.
- Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Piezo-electric apparatus. 2,126,438; Aug. 9.
- Williams, Alfred O. (See Burrows, R. J., and Williams.)
- Williams, Andrew C. (See Bowers, C. O., and Williams.)
- Williams, Arthur. (See Ostermann, R. M., and Williams.)
- Williams, Arthur. (See Rawson, E., and Williams.)
- Williams, Arthur. (See T. S. Tegarden, and Williams.)
- Williams, Arthur, Munster, Ind., assignor to The Superheater Company, New York, N. Y. Steam separator. 2,122,630; July 5.
- Williams, Arthur, Hammond, Ind., J. E. Mourné, Hinsdale, and E. Henkel, Calumet City, Ill., assignors to The Superheater Company, New York, N. Y. Injector. 2,129,515; Sept. 6.
- Williams, Arthur E., Jersey City, assignor to H. S. Germond, Bayonne, N. J. Lift truck. 2,130,939; Sept. 20.
- Williams, Benjamin M., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,124,326; July 19.
- Williams, Benjamin M., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,132,666; Oct. 11.
- Williams, Beverly E., and L. L. Cadwell, assignors to Swift and Company, Chicago, Ill. Treatment of lamb carcasses. 2,117,125; May 10.
- Williams, Bradlee W., assignor to R. T. Moloney, Chicago, Ill. Coin handling apparatus. 2,112,511; Mar. 29.
- Williams, Burdell S., Greenwich, Conn., assignor to Airtemp, Incorporated, Dayton, Ohio. Self-contained air-conditioning unit. 2,116,873; May 10.
- Williams, C. K., & Co. (See Ayers, Joseph W., assignor.)
- Williams, C. K., & Co. (See Plews, George, assignor.)
- Williams, Charles B., Shaker Heights, Ohio. Wringer. Re. 20,763; June 14.
- Williams, Charles B., Shaker Heights, Ohio. Clothes wringer. 2,113,187; Apr. 5.
- Williams, Charles B., Macon, Mo. Stovepipe anchor. 2,139,053; Dec. 6.
- Williams, Charles G., Fairfield, Conn., assignor to American Chain & Cable Company, Inc. Wire fabric. 2,121,939; June 28.
- Williams, Chester, Dearborn, and C. A. Nogar, Dundee, Mich. Automobile towing device. 2,120,422; June 14.
- Williams, Chester E., Worcester, and A. F. Anderson, Auburn, assignors to Johnson & Bassett, Inc., Worcester, Mass. Mule spindle. 2,117,387; May 17.
- Williams, Christian G., Palacios, Tex. Scavenging implement. 2,122,767; July 5.
- Williams, Clinton F., and H. Gruner, assignors to Williams Iron Works Company, Tonkawa, Okla. Deep well drill bit. 2,124,521; July 19.
- Williams, Clyde E., and C. H. Lorig, assignors to The Battelle Memorial Institute, Columbus, Ohio. Mold. 2,116,483; May 3.
- Williams, Colman J., assignor of two-thirds to W. Thomason and S. H. Stone, Pampa, Tex. Reflection spotting board. 2,134,650; Oct. 25.
- Williams Company, The. (See Martin, Elmer R., assignor.)
- Williams, David G., Allentown, Pa., assignor to Trojan Powder Company. Loading of ordnance. 2,122,996; July 5.
- Williams, David T., Larchmont, N. Y. Pumping apparatus. 2,130,516; Sept. 20.
- Williams, Diana P., Boston, Mass. Hose supporter. 2,108,461; Feb. 15.
- Williams, Dora L. (See Van Buskirk, Edward C., assignor.)
- Williams, Dorothy C. (See Williams, Fred S., assignor.)
- Williams, Dow, Santa Ana, Calif. Automatic drier. 2,140,439; Dec. 13.
- Williams, Dudley A., Providence, R. I. Treating chrome liquors. 2,110,187; Mar. 8.
- Williams, Floyd E. (See Moffett, E. W., Winkelmann, and Williams.)
- Williams, Floyd E., Gary, Ind., assignor to Marbon Corporation, Chicago, Ill. Mortician's sealing compound. 2,132,665; Oct. 11.
- Williams, Floyd E., and H. F. Irving, Gary, Ind., assignors to Marbon Corporation, Chicago, Ill. Corrugated rubber bundle. 2,139,922; Dec. 13.
- Williams, Frank I., assignor to American Tool and Machine Company, Hyde Park, Mass. Control apparatus. 2,122,017; June 28.
- Williams, Frank W. (See Kittredge, H. G., and Williams.)
- Williams, Fred H., Jackson Heights, Long Island, N. Y., assignor to Bandcan Corporation, Container. 2,141,499; Dec. 27.
- Williams, Fred S., assignor to D. C. Williams, Trumbull, Conn. Posture meter. 2,122,078; June 28.
- Williams, George B., Rockford, assignor to L. J. Miley Company, Chicago, Ill. Brake shoe and making the same. 2,140,727; Dec. 20.
- Williams, Harold, New York, N. Y., assignor to Fordyce Kimbell, Chicago, Ill. Electrically controlled race track indicator board. 2,132,912; Oct. 11.
- Williams, Harold E., Carthage, Mo. Upholstery. 2,133,762; Oct. 18.
- Williams, Harold W., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,128,063; Aug. 23.
- Williams, Harrison R., assignor to International Paper Company, New York, N. Y. Treating wood-pulp and the like. 2,110,032; Mar. 1.
- Williams, Harry E., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Merchandise vending machine. 2,129,897; Sept. 13.
- Williams, Harry M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,124,268; July 19.



- Williams, Harry M., and A. J. Timmer, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,128,388; Aug. 30.
- Williams, Herbert B. (See Howells, L. T., Scheidt, and Williams.)
- Williams, Herbert L., Akron, Ohio. Photographic film reeler. 2,120,724; June 14.
- Williams, Hollie C., Cleveland, Ohio, assignor to American Telephone and Telegraph Company. Start-stop printing telegraph system. 2,134,068; Oct. 25.
- Williams, Horace V., Philadelphia, Pa. Jar closure. 2,116,421; May 3.
- Williams, Ira, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 2,131,244; Sept. 27.
- Williams, Ira, Woodstown, W. A. Douglass, Penns Grove, N. J., and A. M. Neal, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber. 2,116,333; May 3.
- Williams, Ira, Woodstown, N. J., and A. M. Neal, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber. 2,121,618; June 21.
- Williams, Ira, Woodstown, N. J., and A. M. Neal, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber. 2,121,619; June 21.
- Williams, Ira, Woodstown, N. J., and A. M. Neal, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber. 2,131,206; Sept. 27.
- Williams, Ira, Woodstown, N. J., and F. R. Mayo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 2,131,245; Sept. 27.
- Williams, Ira, Woodstown, and C. C. Smith, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing rubber. 2,132,505; Oct. 11.
- Williams, Ira, and B. M. Sturgis, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of mercapto aryl thiazoles. 2,137,820; Nov. 22.
- Williams Iron Works Company. (See Williams, C. F. and Gruner, assignors.)
- Williams, Israel, Philadelphia, Pa. Skylight. 2,120,060; June 7.
- Williams, J. H., & Co. (See Haist, Foster A., assignor.)
- Williams, Jack, London, England. Glazing bar. 2,114,791; Apr. 19.
- Williams, Jack L. (See Chamberlain, L. C., Jr., Amos, and Williams.)
- Williams, Jack L. (See Chamberlain, L. C., and Williams.)
- Williams, Jack L. (See Chamberlain, L. C., Jr., Williams, and Blue.)
- Williams, James C., Johnson City, assignor of one-half to R. B. Cannon, Chattanooga, Tenn. Embroidery machine. 2,112,186; Mar. 22.
- Williams, James M., assignor of one-third to C. R. Morgenthaler, Joplin, Mo. Fuel pump control. 2,119,567; June 7.
- Williams, Jesse D., Jr., Shively, assignor to Henry Vogt Machine Co. Inc., Louisville, Ky. Double pipe chiller. 2,137,373; Nov. 22.
- Williams Jewelry Distributors Corp. (See Williams, Walter, assignor.)
- Williams, John C., Oakland, Calif., assignor to John C. Williams Corporation. Clamshell dredge. 2,129,158; Sept. 6.
- Williams, John C., Corporation. (See Williams, John C., assignor.)
- Williams, John G., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, Chicago, Ill. Exhaust manifold. 2,125,703; Aug. 2.
- Williams, John H., Providence, R. I. Apparatus for printing cloth. 2,131,991; Oct. 4.
- Williams, John H., assignor to Victor Adding Machine Company, Chicago, Ill. Adjustable paper roll support. 2,107,020; Feb. 1.
- Williams, John J., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Manufacturing container closures. 2,119,630; June 7.
- Williams, John J., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Manufacturing container closures. 2,119,602; June 7.
- Williams, John J., and J. Bauman, assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Vacuumizer. 2,120,272; June 14.
- Williams, John M., Harlem, Mont. Axe. 2,104,250; Jan. 4.
- Williams, Joseph H. (See Osborn, W. L., and Williams.)
- Williams, Joseph R., Placentay Township, Middlesex County, assignor to Ransome Concrete Machinery Company, Plainfield, N. J. Concrete mixing machine. 2,119,144; May 31.
- Williams, Joseph S., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Potential producing cell. 2,116,091; May 3.
- Williams, Julian C., Ozone Park, assignor to Art Metal Construction Company, Jamestown, N. Y. Card index. 2,137,890; Nov. 22.
- Williams, Karl D., and H. W. Henke, Washington, D. C. Method of and coupling for pressure pipes. 2,125,324; Aug. 2.
- Williams, Kl, Waynesboro, Va., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Making yarn packages. 2,110,926; Mar. 15.
- Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Recording track scale. 2,133,760; Oct. 18.
- Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Force measuring instrument. 2,133,763; Oct. 18.
- Williams, Lester J., assignor to Carl Braun, Inc., Canastota, N. Y. Measuring mechanism. 2,139,478; Dec. 6.
- Williams, Lewis W., Short Hills, and G. A. Arnold, Chatham, assignors to Motor Improvements, Inc., Newark, N. J. Filter. 2,126,938; Aug. 16.
- Williams, Lewis W., Short Hills, and G. A. Arnold, Chatham, assignors to Motor Improvements, Inc., Newark, N. J. Filter. 2,133,004; Oct. 11.
- Williams Manufacturing Company. (See Gialdini, Bruno T., assignor.)
- Williams and Marcus Company. (See Cox, George D., assignor.)
- Williams, Morgan, Worcester, England. Aerating device for use in the production of acetic acid from alcohol. 2,122,445; Aug. 30.
- Williams Oil-O-Matic Heating Corporation. (See Smith, Ralph C., assignor.)
- Williams Oil-O-Matic Heating Corporation. (See Zellhoefer, Glenn F., assignor.)
- Williams, Oscar C., San Diego, Calif. Hair dressing tool. 2,105,571; Jan. 18.
- Williams, Oswald L. (See Bullard, W. P., and Williams.)
- Williams, Percy Q., Toledo, Ohio. Vacuum cup. 2,123,549; July 12.
- Williams, Randolph P., Hampton, Va. Air metered shock absorber for airplane landing gears. 2,106,198; Jan. 25.
- Williams, Reginald V., Buffalo, N. Y., and E. R. McKee, Hermitage, Tenn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinneret. 2,135,611; Nov. 8.
- Williams, Robert A., Chicago, Ill. Bookbinding means. 2,106,511; Jan. 25.
- Williams, Robert C. (See Bone, Hugh M., and Williams.)
- Williams, Robert C., assignor to The Ironsides Company, Columbus, Ohio. Treating filter fibers. 2,112,799; Mar. 29.
- Williams, Robert C., and H. M. Bone, assignors to The Ironsides Company, Columbus, Ohio. Applying a lubricant coating to glassware. 2,132,138; Oct. 4.
- Williams, Robert C., and H. M. Bone, assignors to The Ironsides Company, Columbus, Ohio. Surface treating fibrous rope or cordage. 2,139,343; Dec. 6.
- Williams, Robert G., assignor to The Usona Manufacturing Co. Inc., Toledo, Ohio. Portable lamp. 2,123,491; July 12.
- Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Treating liquids. 2,138,051; Nov. 29.
- Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Liquid treating apparatus. 2,138,052; Nov. 29.
- Williams, Robert R., Roselle, N. J., assignor to Research Corporation, New York, N. Y. Thiazole compounds. 2,134,015; Oct. 25.
- Williams, Roger, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing hydrogen. 2,119,565; June 7.
- Williams, Roger, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing hydrogen. 2,119,566; June 7.
- Williams Rotary Engines Company Limited, The. (See Maiba, Joseph, assignor.)
- Williams, Samuel, Brynhyfryd, Wales. Roll polisher for rolling mills. 2,130,709; Sept. 20.
- Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communicating system. 2,111,652; Mar. 22.
- Williams Sealing Corporation. (See McQuinn, Carl, assignor.)
- Williams, Selden T., Bellerose, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Rotating joint for running inflation. 2,107,405; Feb. 8.
- Williams, Selden T., Bellerose, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hydraulic pressure gauge. 2,110,380; Mar. 8.
- Williams, Selden T., Bellerose, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Tire valve. 2,116,000; May 3.
- Williams, Thomas D. (See Ralston, H. C., Williams, and Mako.)
- Williams, Vernon H., Ardrossan, Ayrshire, Scotland, and B. W. Foster, Blackheath, London, England, assignors to Imperial Chemical Industries Limited. Gelatinous or semigelatinous blasting explosives. 2,128,367; Sept. 6.
- Williams, Villor P., Baltimore, Md. Book matches advertising medium. 2,118,034; May 24.
- Williams, Walter, assignor to Williams Jewelry Distributors Corp., Springfield, Mass. Cutting tool. 2,121,752; June 21.
- Williams, Walter W., Bloomington, Ill. Flame control for fluid fuel burners. 2,105,620; Jan. 18.
- Williams, Warren W. (See Gerhardt, J. H., Williams, and Dempster.)



- Williams, Wilbert S., Columbus, Ohio, assignor, by mesne assignments, to Solar Laboratories, Beaver, Pa. Stenciling apparatus. 2,105,572; Jan. 18.
- Williams, Wilbur D., Washington Court House, Ohio. Animal trap. 2,107,683; Feb. 8.
- Williams, William E., Los Angeles, Calif., assignor to The Parfex Company. Coiffeepot. 2,109,363; Feb. 22.
- Williams, William E., Paducah, Tex. Whip stock. 2,111,881; Mar. 22.
- Williams, William E., Palo Alto, Calif., assignor to Signode Steel Strapping Company, Chicago, Ill. Automatic machine for strapping packages with metal straps. 2,136,225; Nov. 8.
- Williams, William H. (See Gaines, F. W., and Williams.)
- Williamson, Alexander C., London, England, assignor to Remington Rand Inc., Buffalo, N. Y. Filing tray. 2,116,373; May 3.
- Williamson, Alexander G., Manchester, England, assignor to General Electric Company. Dynamo-electric machine. 2,110,719; Mar. 8.
- Williamson, Burt C., La Verne, Calif. Pump. 2,120,772; June 14.
- Williamson, Clarence H., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Container. 2,118,874; May 31.
- Williamson, Evan D., assignor to E. D. Bullard Company, San Francisco, Calif. Electric motor and controlling the same. 2,117,642; May 17.
- Williamson, Evan D., assignor to E. D. Bullard Company, San Francisco, Calif. Motor driven device and means for controlling same. 2,128,598; Aug. 30.
- Williamson, Evan D., assignor to E. D. Bullard Company, San Francisco, Calif. Lamp. 2,131,828; Oct. 4.
- Williamson Heater Company, The, et al. (See Doyle, W. J., and Wollenhaupt, assignors.)
- Williamson, John E., Lake Worth, Fla. Diving hood or device. 2,113,779; Apr. 12.
- Williamson, Marshall I., Edgewater, N. J. Loose leaf binder. 2,133,069; Oct. 11.
- Williamson, Marshall I., Edgewater, N. J. Display receptacle. 2,139,534; Dec. 6.
- Williamson, Wilbur W., Oakland, Calif. Wine-cooling apparatus. 2,120,305; June 14.
- Willien, Leon J., Chicago, Ill., and L. Stein, Minneapolis, Minn., assignors to The United Gas Improvement Company, Philadelphia, Pa. Manufacturing carbureted water gas. 2,129,341; Sept. 6.
- Williford, Grover, Puente, Calif., assignor to United States Gypsum Company, Chicago, Ill. Shadowless roofing product, process and machine for making the same. 2,112,819; Mar. 29.
- Willing, Joseph E. (See Field, O. S., and Willing.)
- Willing, Joseph E., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signaling system. 2,106,683; Jan. 25.
- Willing, Joseph E., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,107,171; Feb. 1.
- Willing, Joseph E., assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,135,548; Nov. 8.
- Willinger, David. (See Frank, M., and Willinger.)
- Willis, Arthur G. (See Billing, N. P., and Willis.)
- Willis, Bernard D., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,137,431; Nov. 22.
- Willis, Clodius H. (See Bedford, B. D., Willis, and Elder.)
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve circuit. 2,110,688; Mar. 8.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Protective system for electric valve circuits. 2,126,523; Aug. 9.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric control and indicating system. 2,130,443; Sept. 20.
- Willis, Clodius H., Princeton, N. J., B. D. Bedford, and F. R. Elder, Schenectady, N. Y., assignors to General Electric Company. Electric valve circuits. 2,130,440; Sept. 20.
- Willis, Elijah J., Morehead City, assignor of one-half to J. B. Frizzelle, Snow Hill, N. C. Can opening device. 2,138,318; Nov. 29.
- Willis, Floyd J., Troy, Ala. Vending machine. 2,117,530; May 17.
- Willis, French H. (See Southwork, G. C., and Willis.)
- Willis, K. I., Corporation. (See Lindburg, Carl E., assignor.)
- Willis, Kirk P., Crosby, assignor of one-fourth to H. Dunks, Harris County, Tex. Lawn mower. 2,114,436; Apr. 19.
- Willis, Orvis C., Rodessa, La. Bearing structure. 2,127,796; Aug. 23.
- Willis, Ulysses G., Dallas, Tex. Crankshaft grinder. 2,129,253; Sept. 6.
- Willis, Willie L., and P. N. Young, Winston-Salem, N. C. Combination brassiere and girdle. 2,136,768; Nov. 15.
- Willison, William O., and J. L. Nilson, Chicago, Ill. Hamburger dispenser. 2,109,560; Mar. 1.
- Willoughby, Howard J., Little Neck, N. Y. Lubricator shaking jack. 2,127,279; Aug. 16.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Revolving seat. 2,124,501; July 19.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Reclining seat. 2,130,781; Sept. 20.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Reclining seat. 2,130,782; Sept. 20.
- Wills, Edward R. (See Miller, George A., Jr., and W., Noble, and Wills.)
- Wills, Noble G., Connersville, Ind. Dental model surveyor. 2,108,980; Feb. 22.
- Willshaw, Harry, Wyde Green, Erdington, Birmingham, assignor to Dunlop Rubber Company, Limited, London, England. Tire molding apparatus. 2,112,187; Mar. 22.
- Willson, Charles M., Bridgeport, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Circular saw. 2,117,586; May 17.
- Willson, David S., assignor to John Wood Manufacturing Company, Inc. Conshohocken, Pa. Fluid dispensing apparatus. 2,126,693; Aug. 9.
- Willson, Hiram R., assignor to Great Western Stove Company, Leavenworth, Kans. Stove. 2,137,469; Nov. 22.
- Willson Products, Inc. (See Shindel, Harry F., assignor.)
- Willys-Overland Motors, Inc. (See Northrup, Amos E., assignor.)
- Willys-Overland Motors, Inc. (See Trimboth, Samuel, assignor.)
- Wilmanns, Gustav, Wolfen (Kreis Bitterfeld), and W. Schneider, Dessau (Anhalt), Germany, assignors to Agfa Anasco Corporation, Binghamton, N. Y. Photographic developers. 2,122,599; July 5.
- Wilmanns, Gustav, Wolfen Kreis Bitterfeld, and W. Schneider, Dessau, Germany, assignors to Agfa Anasco Corporation, Binghamton, N. Y. Polymethine dyes. 2,138,223; Nov. 29.
- Wilmanns, Gustav, and H. Fricke, Wolfen, and E. J. Birr, Bitterfeld, Germany, assignors to Agfa Anasco Corporation, Binghamton, N. Y. Photographic developers. 2,139,870; Dec. 13.
- Wilmeth, Roscoe H., assignor to Sangamo Electric Company, Springfield, Ill. Electric clock. 2,124,019; July 19.
- Wilmington Fibre Specialty Company. (See Baer, Norman S., assignor.)
- Wilmot, Archibald J. (See Stock, H. A., and Wilmot.)
- Wilmot and Cassidy, Inc. (See Cassidy, Thomas A., assignor.)
- Wilmot, Charles H., assignor to Hatfield Wire & Cable Company, Hillside, N. J. Strain relief for electrical appliance cords. 2,140,867; Dec. 20.
- Wilmot, William H., Asheville, N. C. Projecting stereoscopic pictures. 2,131,778; Oct. 4.
- Wilms, Gustav O., assignor to Allen-Bradley Company, Milwaukee, Wis. Mechanical interlock. 2,108,634; Feb. 15.
- Wilms, Gustav O., Milwaukee, and H. Petersen, Wauwatosa, assignors to Allen-Bradley Company, Milwaukee, Wis. Electric switch. Re. 20,676; Mar. 22.
- Wilms, Gustav O., Milwaukee, and L. H. Matthias, Shorewood, assignors to Allen-Bradley Company, Milwaukee, Wis. Electric control system. 2,120,690; June 14.
- Wilner, Louis, New York, N. Y. Erasing attachment for typewriters. 2,113,437; Apr. 5.
- Wilputte, Louis, New Rochelle, N. Y. Coke oven door. 2,131,829; Oct. 4.
- Wilsdorf, Frank A., assignor to Nu-line Manufacturing Company, Incorporated, St. Louis, Mo. Portable seat. 2,107,880; Feb. 8.
- Wilshire, Van Hamma, assignor to The Specialty Papers Company, Dayton, Ohio. Laminated paper. 2,123,760; July 12.
- Wilshusen, August E., Detroit, Mich. Deflector mechanism. 2,120,824; June 14.
- Wilson, Adcus B., Oxford, N. C. Razor strop holder. 2,111,465; Mar. 15.
- Wilson, Albert A., New York, N. Y. Culotte garment. 2,138,365; Nov. 29.
- Wilson, Albert L., A. E. Prohaska, and O. B. Schmidt, Denver, Colo. Rotary pump. 2,137,708; Nov. 22.
- Wilson, Alexander L., Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Production of morpholine ethanols. 2,105,828; Jan. 18.
- Wilson, Alexander L., Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Production of saturated morpholine alkanol-alkyl ethers. 2,128,887; Aug. 30.
- Wilson, Alexander L., Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Manufacture of morpholine and certain homologues thereof. 2,129,805; Sept. 13.
- Wilson, Alexander L., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of piperazine. 2,136,094; Nov. 8.
- Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Container. 2,113,417; Apr. 5.
- Wilson, Alvin C. (See Gabeler, W. H., Wilson, Tongue, and Shoeld, assignors.)
- Wilson, Andrew T., St. Boniface, Manitoba, Canada. Window attachment. 2,113,753; Apr. 12.
- Wilson, Ashley F. (See Padelford, L. E., and Wilson.)



- Wilson, Augustus L., San Antonio, Tex. Meat slicing machine. 2,119,762; June 7.
- Wilson, Benjamin J. (See Doyle, E. D., and Wilson.)
- Wilson & Bennett Manufacturing Company. (See Kaehler, Alfred, assignor.)
- Wilson, Cary C., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shelf support and installation thereof. 2,141,892; Dec. 27.
- Wilson, Charles O., North Muskegon, assignor to March Automatic Irrigation Company, Muskegon, Mich. Sprinkler. 2,122,079; June 28.
- Wilson, Clare E., Sparta, Mich. Process and machine for drying beans. 2,118,334; May 24.
- Wilson, Clarence E., Manchester, Conn. Plant potting and packing machine. 2,112,872; Apr. 5.
- Wilson, Clarence W., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Treated latex and treating latex. 2,132,064; Oct. 4.
- Wilson, Clarence W., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Pectate and making same. 2,132,065; Oct. 4.
- Wilson, Claude, Los Angeles, Calif. Carburetor. 2,131,246; Sept. 27.
- Wilson, Clyde P., Hugo, Okla. Inside casing cutter. 2,117,050; May 10.
- Wilson & Co. (See Gaarder, Herbert M., assignor.)
- Wilson & Co. (See Robinson, Adrian A., assignor.)
- Wilson, David E., Santa Monica, Calif. Automobile signal device. 2,106,333; Jan. 25.
- Wilson, Douglas A., et al. (See Brennan, Joseph F., assignor.)
- Wilson, Dustin W., Scarsdale, N. Y., S. J. Chute, Ridgewood, N. J., and R. K. Hopkins, assignors to The M. W. Kellogg Co., New York, N. Y. Heat exchanger. 2,125,972; Aug. 9.
- Wilson, Earl D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photosensitive apparatus. 2,114,867; Apr. 19.
- Wilson, Earl D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Instrument for measuring ultra-violet light. 2,128,110; Aug. 23.
- Wilson, Ellsworth M., Snyder, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for washing artificial threads. 2,123,689; July 12.
- Wilson, Ellsworth M., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thread winding apparatus. 2,131,130; Sept. 27.
- Wilson, Emmett, Los Angeles, Calif. Safety razor. Re. 20,741; May 24.
- Wilson, Ernest D., Larchmont, assignor to W-B Chemical Company, New York, N. Y. Cleaning composition. 2,125,411; Aug. 2.
- Wilson, Francis J., Riverside, R. I., assignor to Mechanical Holding Corporation. Loom temple. 2,113,557; Apr. 5.
- Wilson, Fred D., and L. S. Burns, Harvey, Ill., assignors to Western-Austin Company. Attachment for road rollers. 2,114,412; Apr. 19.
- Wilson, Fred R. (See Lewis, H. A., and Wilson.)
- Wilson, Fredric L., Stuart, Nebr. Surgeon's towel clip. 2,111,161; Mar. 15.
- Wilson, George R., assignor to Lumasyn, Inc., Washington, D. C. Light reflecting display device and manufactured blank therefor. 2,130,256; Sept. 13.
- Wilson, Guy K. (See Smith, E. F., and Wilson.)
- Wilson, H. A., Company, The. (See Peterson, Chester, assignor.)
- Wilson, Harold D. (See Birdseye, C., Wilson, and Heath.)
- Wilson, Harold D., Gloucester, and W. N. Heath, Rockport, Mass., assignors to Birdseye Electric Company, Dover, Del. Electric lamp. 2,135,940; Oct. 18.
- Wilson, Harry L., Memphis, Tenn. Dispensing box. 2,131,494; Sept. 27.
- Wilson, Harry L., Chevy Chase, Md., and W. T. Johnson, Jr., Arlington, Va., dedicated to the free use of the people of the United States of America. Preventing the oiling off or leakage of butterfat in cheese. 2,127,453; Aug. 16.
- Wilson, Herbert E., Antrim, N. H. Lug strap. 2,115,476; Apr. 26.
- Wilson, Herbert J., New York, N. Y. Electrical connecting and supporting means. 2,105,573; Jan. 18.
- Wilson, Ira G. (See Kinzer, J. P., and Wilson.)
- Wilson, Ira G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuits. 2,130,517; Sept. 20.
- Wilson, Ira J. (See Johnson, Martin E., assignor.)
- Wilson, Ira J., et al. (See Kenney, Thomas, assignor.)
- Wilson, Ivan V., Dayton, Ohio, assignor, by mesne assignments, to Monsanto Chemical Company. Forming resinous hydrocarbon polymers. 2,119,976; June 7.
- Wilson, J. G., Corporation, The. (See Winn, John F., Jr., assignor.)
- Wilson, James A., San Francisco, Calif. Nut lock. 2,132,067; Oct. 11.
- Wilson, James H. (See Buzzard, R. W., and Wilson.)
- Wilson, James H., assignor, by mesne assignments, to Shade Check, Inc., Newark, N. J. Shade roller check. 2,119,408; May 31.
- Wilson, James M., assignor, by mesne assignments, to Shade Check, Inc., Newark, N. J. Shade roller check. 2,122,070; July 5.
- Wilson, James R., Ramseur, N. C. Lap stick. 2,105,064; Jan. 11.
- Wilson, James T., Arlington, N. J., assignor to Radio Corporation of America. Electron tube. 2,126,694; Aug. 9.
- Wilson, James W., San Antonio, Tex. Cooling cabinet. 2,109,714; Mar. 1.
- Wilson, John A. (See Powers, M. A., and Wilson.)
- Wilson, John A., Milwaukee, Wis., assignor, by mesne assignments, to Monsanto Chemical Company. Treatment of leather. 2,105,446; Jan. 11.
- Wilson, John A., Milwaukee, Wis., assignor, by mesne assignments, to Monsanto Chemical Company. Bating skins in leather manufacture. 2,132,366; Oct. 4.
- Wilson, John A., Milwaukee, Wis., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Tanning. 2,140,041; Dec. 13.
- Wilson, John A., Milwaukee, Wis., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Tanning. 2,140,042; Dec. 13.
- Wilson, John A., Detroit, Mich., assignor, by mesne assignments, to Timken-Detroit Axle Company. Liquid fuel burning apparatus. 2,117,781; May 17.
- Wilson, John A., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Humidifier. 2,139,429; Dec. 6.
- Wilson, John C., assignor to The Safety Grinding Wheel & Machine Company, Springfield, Ohio. Grinding machine. 2,130,823; Sept. 20.
- Wilson, John E., Jr., Smyrna, Del. Sanitary steel milk cooling cabinet. 2,104,684; Jan. 4.
- Wilson, John E., Jr., Smyrna, Del. Storage milk cooler. 2,104,685; Jan. 4.
- Wilson, John E., assignor of one-half to N. F. Wagner, Watertown, Pa. Walking toy. 2,140,275; Dec. 13.
- Wilson, John L. (See Halvorson, H. O., Bayliss, and Wilson.)
- Wilson, John L. (See Halvorson, H. O., and Wilson, and Ordal.)
- Wilson-Jones Company. (See Dawson, George H., assignor.)
- Wilson-Jones Company. (See Talmage, John H., assignor.)
- Wilson-Jones Company. (See Unger, Paul O., assignor.)
- Wilson-Jones Company. (See Unger, P. O., and Wedge, assignors.)
- Wilson-Jones Company. (See Wedge, Fred D., assignor.)
- Wilson, Joseph G., Tulsa, Okla. Dry concentrator. 2,116,815; May 10.
- Wilson, Lee. (See Woodson, James C., assignor.)
- Wilson, Lee, Cleveland, Ohio. Method and apparatus for annealing strips. 2,109,204; Feb. 22.
- Wilson, Lee, Cleveland, Ohio. Annealing. 2,120,319; June 14.
- Wilson, Lee, Cleveland, Ohio. Heating apparatus. 2,122,504; July 5.
- Wilson, Lee, Cleveland, Ohio. Apparatus for heating and cooling. 2,137,868; Nov. 22.
- Wilson, Lee Sales Corporation. (See Woodson, James C., assignor.)
- Wilson, Lincoln B., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Weldrod. 2,107,434; Feb. 8.
- Wilson, Loran J., Ben Hur, Va. Animal trap. 2,110,517; Mar. 8.
- Wilson, Mercer D., Phoenix, Ariz. Crossing signal. 2,124,480; July 19.
- Wilson, Paul B., Greenwood, assignor of one-half to L. K. Etheredge, North, S. C. Magnetic loom. 2,135,373; Nov. 1.
- Wilson, Percy H., Sherwood, Nottingham, and W. Ridley, Beeston, assignors of one-third to The Stanton Ironworks Company Limited, Stanton-by-Dale, near Nottingham, England. Pipe joint. 2,105,022; Jan. 11.
- Wilson, Philip J., Jr. (See Wells, J. H., and Wilson.)
- Wilson, Ralph W., New York, N. Y. Closure for containers. 2,112,548; Mar. 20.
- Wilson, Ralph W., New York, N. Y. Vanity. 2,121,111; June 21.
- Wilson, Ralph W., New York, N. Y. Closure for containers. 2,123,643; July 12.
- Wilson, Ralph W., New York, and B. F. Caboon, Forest Hills, assignors to Captive Closures, Inc., New York, N. Y. Dispensing package for liquids. 2,128,567; Aug. 30.
- Wilson, Raymond K. (See Sparling, W. E., and Wilson.)
- Wilson, Robert A., Dallas, Tex. Tubing catcher. 2,119,763; June 7.
- Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Stabilized white oil. 2,123,457; July 12.
- Wilson, Robert L., assignor to Wm. Wrigley, Jr., Company, Chicago, Ill. Chewing gum. 2,137,746; Nov. 22.
- Wilson, Ronald M., Philadelphia, and J. H. Ingraham, Wayne, Pa.; said Wilson assignor to said Ingraham. Agitator for paint drums and the like. 2,137,432; Nov. 22.
- Wilson, Roy R., E. K. Brown, and P. L. White, Casper, Wyo., assignors to Standard Oil Company, Chicago, Ill. Process and apparatus for contacting two liquids. 2,139,871; Dec. 13.
- Wilson, Savannah W., Johnstown, Pa. Heater for auto molasses. 2,139,612; Dec. 6.



- Wilson, Sidney C., assignor to Econo Products, Inc., Rochester, N. Y. Producing printing plates. 2,139,054; Dec. 6.
- Wilson Sporting Goods Company. (See Luery, M., and Beler, assignors.)
- Wilson Supply Company. (See Nixon, Jeddy D., assignor.)
- Wilson, W. L., et al. (See Vermillion, William O., assignor.)
- Wilson, Wesley, Chicago, Ill. Neutralizing sound distortion. 2,107,135; Feb. 1.
- Wilson, Wesley, Chicago, Ill. Expansible piston. 2,112,871; Apr. 5.
- Wilson, William, Salt Lake City, Utah. Registration card holder. 2,118,280; May 24.
- Wilson, William C. (See Trolander, E. W., and Wilson.)
- Wilson, William C., and C. E. Fawkes, assignors to Pyroxilin Products Incorporated, Chicago, Ill. Coating and adhesive composition and making the same. 2,133,335; Oct. 18.
- Wilson, William H., Detroit, Mich. Tractor-trailer combination. 2,135,205; Nov. 1.
- Wilt, Elmer E., Chicago, Ill. Suitcase. 2,138,202; Nov. 29.
- Willtrout, Richard E., assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Power break retarding guard. 2,111,714; Mar. 22.
- Wimberger, L. Kommanditgesellschaft & Co., Patentverwertungsgesellschaft. (See Wimberger, Leopold, assignor.)
- Wimberger, Leopold, assignor to L. Wimberger Kommanditgesellschaft & Co., Patentverwertungsgesellschaft, Vienna, Austria. Cutting machine such as a safety razor. 2,141,582; Dec. 27.
- Wimmenauer, Paul, Washington, Ind. Hinge. 2,134,993; Nov. 1.
- Wimmenauer, Paul E., Washington, Ind. Antiskid device. 2,137,935; Nov. 22.
- Wimmer, William A., Long Beach, Calif. Brake. 2,140,780; Dec. 20.
- Winans, Charles F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing furfurylamines. 2,109,159; Feb. 22.
- Winans, Charles F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Hydrogenation of phenyl primary amines. 2,129,631; Sept. 6.
- Winans, Fonville, Fort Worth, Tex., assignor to Jenkins Music Company, Kansas City, Mo. Auxiliary music rack. 2,135,928; Nov. 8.
- Winborne, Russell A. (See Miller, N., and Winborne, assignors.)
- Winborne, Russell A., Oak Park, Ill., assignor to Edison General Electric Appliance Company, Inc. Temperature control device. 2,128,869; Aug. 30.
- Wincharger Corporation. (See Albers, John R., and G. H., assignors.)
- Winchell, Arthur B. (See Scofield, T. J., and Winchell.)
- Winchell, Arthur B. (See Sparks, W., Scofield, and Winchell.)
- Winchell, Thomas R., West Newton, Mass. Packing box and the like. 2,114,643; Apr. 19.
- Winchester Repeating Arms Company. (See Blizard, Charles E., assignor.)
- Winchester Repeating Arms Company. (See Boak, Thomas I. S., assignor.)
- Winchester Repeating Arms Company. (See Burton, Frank F., assignor.)
- Winchester Repeating Arms Company. (See Crockett, Harry L., assignor.)
- Winchester Repeating Arms Company. (See Dunham, George W., assignor.)
- Winchester Repeating Arms Company. (See Folsy, George A., assignor.)
- Winchester Repeating Arms Company. (See Lewis, George S., assignor.)
- Winchester Repeating Arms Company. (See McNutt, Joseph D., assignor.)
- Winchester Repeating Arms Company. (See Olin, J. M., and Smith, assignors.)
- Winchester Repeating Arms Company. (See Pugsley, Edwin, assignor.)
- Winchester Repeating Arms Company. (See Roemer, William C., assignor.)
- Winchester Repeating Arms Company. (See Stiennon, Louis, assignor.)
- Winckler Engineering Laboratories Incorporated. (See Winckler, Gunnar A. F., assignor.)
- Winckler, Gunnar A. F., Worcester, assignor to Winckler Engineering Laboratories Incorporated, Boston, Mass. Automatically lighted lifesaving ring buoy. 2,109,313; Mar. 1.
- Winckler, Gunnar A. F., Worcester, assignor to Winckler Engineering Laboratories Incorporated, Boston, Mass. Thermostat switch. 2,116,858; May 10.
- Winckler, Gunnar A. F., Worcester, assignor to Winckler Engineering Laboratories Incorporated, Boston, Mass. Emergency lamp. 2,118,996; May 31.
- Winckler, Herman. (See Kemp, A., Winckler, and Walton.)
- Windaus, Adolf, Gottingen, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. 22,23-dihydroergosterol and manufacture thereof. 2,128,198; Aug. 23.
- Windaus, Adolf, Gottingen, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Antirachitically active product. 2,128,199; Aug. 23.
- Windbiel, Joseph C., assignor to Mead Johnson & Company, Evansville, Ind. Bottle closure and dispensing device. 2,105,023; Jan. 11.
- Windham, Roy H., and M. A. White, assignors to Polly Prentiss, Inc., Sumter, S. C. Tufting machine. 2,112,512; Mar. 29.
- Windheim, Leonard, Brookline, Mass. Ski holder. 2,118,875; May 31.
- Winding, Bess, New York, N. Y. Toilet silencer. 2,114,551; Apr. 19.
- Windle, Randolph T., New York, N. Y. Anchor. 2,111,443; Mar. 15.
- Windle, Winfred W., Millbury, Mass. Wool duster. 2,122,545; July 5.
- Windsor, John F., Fairfield, assignor to The Bridgeport Hardware Manufacturing Corporation, Bridgeport, Conn. Tool handle. 2,123,393; July 12.
- Windsor Mfg. Co. (See Tuerff, Frank A., assignor.)
- Windsor, Nelson, South Bend, Ind. Device for removing liquid from bottles. 2,110,540; Mar. 8.
- Wine, William E., Toledo, Ohio. Railway car. 2,104,359; Jan. 4.
- Winegarden, Howard M., Oakland, and F. W. Westfall, R. C. Hawes, and F. W. Wood, assignors to The Cutter Laboratory, Berkeley, Calif. Biologicals. 2,125,533; Aug. 2.
- Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Method of and apparatus for separating laminated sheets. 2,139,708; Dec. 13.
- Winer, Samuel. (See Shain, Simon, assignor.)
- Winfield, Edward A., La Canada, Calif. Internal combustion engine head. 2,126,939; Aug. 16.
- Winford, John W., Salem, Va. Treating trees. 2,122,734; July 5.
- Winford, Orion P., assignor to Brown & Bigelow, St. Paul, Minn. Calendar. 2,108,221; Feb. 15.
- Winfree, Forrest F., West Palm Beach, Fla. Lubricating oil salvaging basket. 2,111,715; Mar. 22.
- Wing, Forrest E., Tacoma, Wash. Smelting. 2,105,574; Jan. 13.
- Wing, Joseph S., Springville, Utah. Dirigible locomotive headlight. 2,128,765; Aug. 30.
- Wingard, Gunnar, Tacoma, Wash. Refrigerator breather tube. 2,139,991; Dec. 13.
- Wingate, Gerald H., London, England. Optical appliance. 2,123,682; July 12.
- Winger, Joseph A., Indianapolis, Ind. Liquid dispensing apparatus. 2,141,583; Dec. 27.
- Winger, Stover C., assignor to G. H. Hall, Los Angeles, Calif. Spatula. 2,154,807; Nov. 1.
- Wingert, Paul, Toledo, Ohio. Furnace construction. 2,137,827; Nov. 22.
- Winget Kickernick Company. (See Peck, Ruth F., assignor.)
- Wingfield, Edward A., La Canada, Calif. Fuel supply system. 2,136,959; Nov. 15.
- Wingfoot Corporation. (See Calvert, William C., assignor.)
- Wingfoot Corporation. (See Clifford, Albert M., assignor.)
- Wingfoot Corporation. (See Cramer, Howard I., assignor.)
- Wingfoot Corporation. (See Ellies, Ernest E., assignor.)
- Wingfoot Corporation. (See Gordon, J. T., and Snyder, assignors.)
- Wingfoot Corporation. (See Gould, Philetus S., assignor.)
- Wingfoot Corporation. (See Gracia, Albert J., assignor.)
- Wingfoot Corporation. (See Holden, James E., assignor.)
- Wingfoot Corporation. (See Kochheiser, M. L., and Steere, assignors.)
- Wingfoot Corporation. (See Lichty, Joy G., assignor.)
- Wingfoot Corporation. (See Maas, Elov F., assignor.)
- Wingfoot Corporation. (See Manchester, Frank H., assignor.)
- Wingfoot Corporation. (See Merrill, James A., assignor.)
- Wingfoot Corporation. (See Morris, Thomas C., assignor.)
- Wingfoot Corporation. (See Morse, Herman E., assignor.)
- Wingfoot Corporation. (See Nicol, William H., assignor.)
- Wingfoot Corporation. (See Riehl, Theodore A., assignor.)
- Wingfoot Corporation. (See Scott, Winfield, assignor.)
- Wingfoot Corporation. (See Sebrell, Lorin B., assignor.)
- Wingfoot Corporation. (See Smith, Claude H., assignor.)
- Wingfoot Corporation. (See Smith C. H., and Gay, assignors.)
- Wingfoot Corporation. (See Smith, C. H., Moorhouse, and Hartz, assignors.)
- Wingfoot Corporation. (See Ten Broeck, Walter T. L., assignor.)
- Wingfoot Corporation. (See Teppema, Jan, assignor.)
- Wingfoot Corporation. (See Urquhart, W. R., and Maas, assignors.)
- Wingfoot Corporation. (See Winans, Charles F., assignor.)
- Wingfoot Corporation. (See Woodward, Alva W., assignor.)
- Wingler, August, Leverkusen-I. G. Werk, and H. Ohlen-dorf and H. Lange, Dessau in Anhalt, assignors to General Aniline Works, Inc., New York, N. Y. Coloring cellulose esters. 2,139,787; Dec. 13.



- Winkelmann, Herbert A. (See Moffett, E. W., Winkelmann, and Williams.)
- Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Sheet material. 2,111,058; Mar. 15.
- Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Halogen containing rubber derivatives-sulphide compositions. 2,115,053; Apr. 26.
- Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Compositions of phosphates and halogen containing rubber derivatives. 2,115,054; Apr. 26.
- Winkelmann, Herbert A., Chicago, Ill., assignor to Marbon Corporation. Composition of halogen containing rubber derivatives and lead compounds. 2,115,055; Apr. 26.
- Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Benzoyl benzoic ester plasticized composition. 2,140,868; Dec. 20.
- Winkelmann, Herbert A., and E. W. Moffett, Chicago, Ill., assignors to Marbon Corporation. Rubber derivative compositions. 2,110,374; Mar. 8.
- Winkelmann, Herbert A., E. W. Moffett, and W. C. Calvert, Chicago, Ill., assignors to Marbon Corporation. Spray reaction. 2,110,375; Mar. 8.
- Winkelmann, Herbert A., and A. B. Fridaker, Chicago, Ill., assignors to Marbon Corporation. Ozonizer. 2,136,572; Nov. 15.
- Winkelmann, Herbert A., and E. W. Moffett, assignors to Marbon Corporation, Chicago, Ill. Vulcanizing adhesive composition. 2,139,992; Dec. 13.
- Winkelmeyer, Robert. (See Michel, C. A., Mead, and Winkelmeyer.)
- Winkelmeyer, Robert, and H. C. Mead, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Head lamp construction. 2,111,653; Mar. 22.
- Winkelspecht, Charles X., Philadelphia, Pa. Flush tank accessory. 2,113,205; Apr. 5.
- Winkler, Alfred, and M. Dünnebier, Neuwed, Germany. Process and apparatus for the manufacture of envelopes, bags, and other like articles. 2,132,227; Oct. 4.
- Winkler, Friedrich, Toronto, Ontario, Canada. Closure for collapsible tubes. 2,107,355; Feb. 8.
- Winkler, Frederic C., Lakewood, Ohio, and G. L. Moyer, South Bend, Ind., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting fixture. 2,117,868; May 17.
- Winkler, Frederick W., F. X. Mooney, and C. R. Kuzell, Clarkdale, and M. T. Mounts, Cottonwood, Ariz., assignors to Phelps Dodge Corporation, New York, N. Y. Patching interior surfaces of furnaces. 2,124,865; July 26.
- Winkler, Fritz, and E. Linckh, Ludwigshafen-on-the-Rhine, assignors to I. G. m. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Gasification of fine-grained solid fuels. 2,111,579; Mar. 22.
- Winkler, Fritz, and P. Feiler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Gas generating process. 2,133,496; Oct. 18.
- Winkler, Karl, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable hydrocarbons. 2,122,903; July 5.
- Winkler, Karl, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable hydrocarbons. 2,127,577; Aug. 23.
- Winkler, Kaspar, Lugano-Croclifasso, Switzerland. Concrete road-making machine. 2,116,816; May 10.
- Winkler, Max W., Northampton, assignor to Queen City Textile Corporation, Allentown, Pa. Cutting mechanism for finishing machines. 2,132,713; Oct. 11.
- Winkler, Nina C., et al., executors. (See Conradson, Pontus H.)
- Winkley, Erastus E. (See Hart, G. T., Jr., and Winkley.)
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shaping the bottoms of shoes. 2,104,143; Jan. 4.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Measuring machine. 2,112,428; Mar. 29.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Control mechanism. 2,119,617; June 7.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the bottoms of shoes. 2,124,662; July 26.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Measuring machine. 2,125,973; Aug. 9.
- Winiöf, Karl B., Stockholm, Sweden. Producing from waste sulphite lye a thickly liquid water solution of an adhesive substance. 2,116,227; May 3.
- Winn, Edwin C., Louisville, Ky. Ice cuber. 2,112,820; Mar. 29.
- Winn, John F., Jr., assignor to The J. G. Wilson Corporation, Norfolk, Va. Automatic door elevating control. 2,114,198; Apr. 12.
- Winn, Sydney B., Lapeer, Mich. Automatic braking and uncoupling device. 2,123,820; July 12.
- Winn, Sydney B., Lapeer, Mich. Suspension for vehicles. 2,131,683; Sept. 27.
- Winn, William E., Dallas, Tex., assignor, by mesne assignments, to Sperry Sun Well Surveying Company, Philadelphia, Pa. Well surveying device. 2,134,808; Nov. 1.
- Winnacker, Karl. (See Kiesskalt, S., Tampke, Wein-gartner, and Winnacker.)
- Winnett, Thomas B., Los Angeles, Calif. Fireplace hot air circulator. 2,134,935; Nov. 1.
- Winnig, Carl. (See Miller, F. L., and Winning, assignors.)
- Winning, Carl, Union, and J. B. Holtzclaw, Roselle, N. J., assignors to Standard Oil Development Company. Cleaning composition and method. 2,135,066; Nov. 1.
- Winning, Robert K., Wauwatosa, Wis., assignor, by mesne assignments, to The Dudley Lock Corporation, Chicago, Ill. Permutation lock. Re. 20,879; Oct. 4.
- Winning, Robert K., Wauwatosa, Wis., assignor, by mesne assignments, to Dudley Lock Corporation, Chicago, Ill. Snap action permutation lock. 2,135,317; Nov. 1.
- Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,107,263; Feb. 1.
- Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,113,971; Apr. 12.
- Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier protective system. 2,123,859; July 12.
- Winokar, Maurice, Chelsea, assignor to The Federal File Envelope Co., Inc., Boston, Mass. Combined expanding wallet and card holder. 2,135,865; Nov. 8.
- Winship, Ross, assignor to The Upson Company, Lockport, N. Y. Fastening means for wallboard and the like. 2,120,049; June 7.
- Winslow, Catherine B. (See Winslow, Charles A., assignor.)
- Winslow, Charles A., Ponca City, Okla. Butter slicer. 2,111,035; Mar. 15.
- Winslow, Charles A., Oakland, Calif. Filter mechanism. 2,134,385; Oct. 25.
- Winslow, Charles A., assignor to C. B. Winslow, Oakland, Calif. Lubricating system for internal combustion engine. 2,118,283; May 24.
- Winslow, Seth L., et al. (See Stecher, Charles, assignor.)
- Winslow, Seth L., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carton stenciling device. 2,115,757; May 3.
- Winsor, William G., Jr., Pawtucket, R. I., and A. A. La Pointe, Hartford, Conn., assignors to Sunshine Utilities, Inc. Oil burner system. 2,123,085; July 5.
- Winstanley Bros. (See Winstanley, John, assignor.)
- Winstanley, John, assignor to Winstanley Bros., Fall River, Mass. Reclaiming attachment for braider bobbins. 2,117,126; May 10.
- Winsted Hardware Manufacturing Company, The. (See Reichold, Ludwig, assignor.)
- Winston, Frank T., Forest Hills, Long Island, N. Y., assignor, by mesne assignments, to Shower Sales Corporation. Metallic shower-bath cabinet. 2,133,497; Oct. 18.
- Winston, Roger G., Victor, Colo. Sheet holder for mops and the like. 2,124,220; July 10.
- Wintemute, Frank, Long Beach, Calif. Rotary under-reamer. 2,124,663; July 26.
- Winter, Albert S., and T. J. Spondon, near Derby, England, assignors to Celanese Corporation of America. Pattern mechanism. 2,110,541; Mar. 8.
- Winter, Alfred. (See Engel, G., and Winter.)
- Winter, Carl. (See Holzach, K., Winter, and v. Bock.)
- Winter, Courtney P., Chambersburg, Pa. Change speed mechanism. 2,131,247; Sept. 27.
- Winter, Ernst, Cologne-Braunsfeld, and F. Lückerath, Hermulheim, Kreis Cologne-on-the-Rhine, assignors to Aktiengesellschaft für Stickstoffdünger, Knapsack, near Cologne-on-the-Rhine, Germany. Adjusting the electrodes of electric furnaces. 2,121,578; June 21.
- Winter, Henry G., assignor to Anheuser-Busch, Incorporated, St. Louis, Mo. Cooling cabinet. 2,106,263; Jan. 25.
- Winter, Irving A., Woodmere, N. Y. Skirt and making the same. 2,141,632; Dec. 27.
- Winterburg, Joseph H. (See Hood, D. J., and Winterburg.)
- Winterer, Franz, and K. Stadler, Vienna, Austria. Orientation compass. 2,111,820; Mar. 22.
- Winterlich, Arthur, Dresden, Germany. Conveyor screw. 2,121,462; June 21.
- Winterling, William F., assignor to Phillips Packing Company, Inc., Cambridge, Md. Soldering apparatus. 2,116,458; May 3.
- Wintemute, Gerald H., Newton, N. J., and G. L. Davies, Cleveland, Ohio, assignors to Washington Institute of Technology, Inc., Washington, D. C. Control means for radio landing systems. 2,139,061; Dec. 6.
- Winters, Alfred G., Flint, Mich. Indicator. 2,121,848; June 28.
- Winters & Crampton Corporation. (See Anderson, Lloyd L., assignor.)
- Winters & Crampton Corporation. (See Geske, Carl W., assignor.)
- Winters & Crampton Corporation. (See Geske, C. W., and DeVoe, assignors.)
- Winters, David L., Detroit, Mich. Speed control system for vehicles. 2,110,350; Mar. 8.
- Winters, David L., Los Angeles, Calif. Dual brake controlling mechanism for vehicles. 2,124,000; July 26.
- Wintersidin, Helene, née Nierthaler, Vienna, Austria. Fence paint base. 2,134,494; Oct. 26.



- Winther, Anthony, Kenosha, Wis. Electromagnetic apparatus. 2,106,542; Jan. 25.
- Winther, Martin P. (See Kindt, Mark, assignor.)
- Winthrop Chemical Company. (See Andersag, H., and Westphal, assignors.)
- Winthrop Chemical Company. (See Binz, A., and Hughes, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., Dörzbach, and Persch, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., and Ehrhart, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., Ehrhart, and Ruschig, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., Ludwig, and von Mutzenbecher, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., and Stein, assignors.)
- Winthrop Chemical Company. (See Brodersen, K., and Quaedvlieg, assignors.)
- Winthrop Chemical Company. (See Callsen, Jürgen, assignor.)
- Winthrop Chemical Company. (See Dörzbach, E., and Bross, assignors.)
- Winthrop Chemical Company. (See Eisenbrand, J., and Siens, assignors.)
- Winthrop Chemical Company. (See Henecke, Hans, assignor.)
- Winthrop Chemical Company. (See Jensch, Heinrich, assignor.)
- Winthrop Chemical Company. (See Kuhn, R., and Rudy, assignors.)
- Winthrop Chemical Company. (See Lautenschläger, C. L., and Ludwig, assignors.)
- Winthrop Chemical Company. (See Lautenschläger, C. L., Ludwig, and von Mutzenbecher, assignors.)
- Winthrop Chemical Company Inc. (See Merkel, E., and Wiegand, assignors.)
- Winthrop Chemical Company. (See Mietzsch, F., and Klarer, assignors.)
- Winthrop Chemical Company. (See Mietzsch, F., and Mauss, assignors.)
- Winthrop Chemical Company. (See Mueller, Eugen, assignor.)
- Winthrop Chemical Company. (See Puetzer, Bruno, assignor.)
- Winthrop Chemical Company. (See Rieche, Alfred, assignor.)
- Winthrop Chemical Company. (See Rieche, A., Maier-Bode, and Eckhardt, assignors.)
- Winthrop Chemical Company. (See Saffert, Paul, assignor.)
- Winthrop Chemical Company. (See Schmidt, Hans, assignor.)
- Winthrop Chemical Company Inc. (See Schmidt, H., and Jung, assignors.)
- Winthrop Chemical Company. (See Schönbeck, F., and Schröder, assignors.)
- Winthrop Chemical Company. (See Schrader, G., and Bayer, assignors.)
- Winthrop Chemical Company. (See Schrader, G., Bayer, and Kükenthal, assignors.)
- Winthrop Chemical Company. (See Stötter, H., and Hermann, assignors.)
- Winthrop Chemical Company. (See Westphal, K., and Kloss, assignors.)
- Winthrop Chemical Company. (See Wiegand, C., Merkel, and Tietze, assignors.)
- Winthrop Chemical Company. (See Windaus, Adolf, assignor.)
- Wintroub, Joseph, Burbank, Calif. Meat stomper. 2,137,709; Nov. 22.
- Wintritz, George, Springdale, Conn., assignor to Talon, Inc. Slider for fasteners. 2,108,185; Feb. 15.
- Wintsch, Max T., Lancaster, Pa. Current transmission system. 2,105,134; Jan. 11.
- Wippel, Julius F., Indianapolis, Ind. Fluid velocity vibratory motor. 2,111,036; Mar. 15.
- Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Foundation garment. 2,113,065; Apr. 5.
- Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Foundation garment. 2,125,974; Aug. 9.
- Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Foundation garment. 2,128,568; Aug. 30.
- Wired Radio, Inc. (See Curtis, Richard C., assignor.)
- Wired Radio, Inc. (See Duncan, Robert D., Jr., assignor.)
- Wired Radio, Inc. (See Laport, Edmund A., assignor.)
- Wired Radio, Inc. (See Walter, John C., assignor.)
- Wiremold Company, The. (See D'Esopo, Francis P., assignor.)
- Wiremold Company, The. (See La Ducer, Arthur O., assignor.)
- Wires, Pearl J., Indianapolis, Ind. Inhaler. 2,111,654; Mar. 22.
- Wirkkala, Oscar A., Seattle, Wash. Material handling device. 2,135,994; Nov. 8.
- Wirkler, Walter H., Des Moines, assignor, by mesne assignments, to Collins Radio Company, Cedar Rapids, Iowa. Distortion reducing system in modulated amplifiers. 2,133,410; Oct. 18.
- Wirt, Carl G., Jackson Heights, N. Y. Electric circuit control mechanism. 2,132,253; Oct. 4.
- Wirt, Zebulon. (See McGinnis, W., and Wirt.)
- Wirtel, Arthur F. (See De Groote, M., Keiser, Faure, and Wirtel.)
- Wirth, Emil, Kirkmaschinenfabrik. (See Wirth, Emil H., assignor.)
- Wirth, Emil, Wirkmaschinenfabrik. (See Wirth, Herbert, assignor.)
- Wirth, Emil H., Hartmannsdorf, near Chemnitz, Germany. Pattern wheel drive for warp knitting machines. 2,130,979; Sept. 20.
- Wirth, Emil H., assignor to the firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnitz, Germany. Fabric take-up device for flat warp knitting machines. 2,108,737; Feb. 15.
- Wirth, Emil O. (See Chandler, M. E., and Wirth.)
- Wirth, Emil O. (See Hunt, S. F., Olson, and Wirth.)
- Wirth, Herbert, assignor to the firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnitz, Germany. Manufacturing Milanese warp fabric. 2,108,735; Feb. 15.
- Wirth, Herbert, assignor to the firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnitz, Germany. Presser arrangement for warp knitting machines. 2,108,736; Feb. 15.
- Wirth, Herbert, assignor to the firma Emil Wirth, Wirkmaschinenfabrik, Hartmannsdorf, near Chemnitz, Germany. Rib warp frame. 2,113,525; Apr. 5.
- Wirth, Roy T., East Cleveland, Ohio. Metal alloy. 2,124,020; July 19.
- Wirth, Theodor. (See Knecht, O., and Wirth.)
- Wirth, Walter V. (See Biswell, C. B., and Wirth.)
- Wirth, Walter V., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of Di-J acid. 2,120,660; June 14.
- Wirthsen Associates, Inc. (See Larsen, Louis G., assignor.)
- Wirz, Adolf, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Diazo compound and making same. 2,131,992; Oct. 4.
- Wirz, Emil, Neuenstadt, Bern, Switzerland. Control device for electric transformers. 2,137,433; Nov. 22.
- Wisconsin Alumni Research Foundation. (See Link, K. P., Niemann, and Roberts, assignors.)
- Wisconsin Machinery and Manufacturing Company. (See Brown, Otto W., assignor.)
- Wisdom, George F., Longview, Tex. Automatic well flow control. 2,122,080; June 28.
- Wisdom, Stuart A., Shawinigan Falls, assignor to Canadian Electric Products Company, Limited, Montreal, Quebec, Canada. Making carbon black. 2,121,463; June 21.
- Wise, Arthur G., C. W. Mapes, and W. A. Chryst, Dayton, Ohio, and H. O. Fuchs, assignors to General Motors Corporation, Detroit, Mich. Spinner motor. 2,138,531; Nov. 29.
- Wise, Charles E., Pottstown, Pa. Stove lid. 2,110,751; Mar. 8.
- Wise, Edmund M., Westfield, N. J., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. Re. 20,882; Oct. 11.
- Wise, Edmund M., Westfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Palladium-silver-platinum alloys. 2,129,721; Sept. 13.
- Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,126,297; Aug. 9.
- Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Automatic duplex balance corrector. 2,125,704; Aug. 2.
- Wise, Raymond L., New York, N. Y. Package. 2,106,388; Jan. 25.
- Wise, Robert W., assignor of one-half to B. D. Eblen, Detroit, Mich. Burial vault. 2,115,292; Apr. 26.
- Wise, Samuel G., Scarsdale, N. Y. Waterless gasholder. 2,134,167; Oct. 25.
- Wise, Solomon, Shaker Heights, Ohio. Lock for bicycles and other purposes. 2,118,126; May 24.
- Wise, Solomon, Shaker Heights, Ohio. Lock device. 2,140,489; Dec. 13.
- Wise, Solomon, Shaker Heights, Ohio. Padlock. 2,140,490; Dec. 13.
- Wise, William W., Chattanooga, Tenn. Boiler. 2,111,655; Mar. 22.
- Wise, Winfield H., Meridian, N. Y. Outboard motor propeller guard. 2,140,099; Dec. 13.
- Wishart, Dallis L. (See Wishart, Hollace D. and D. L.)
- Wishart, Hollace D. and D. L., Trail, Minn. Skirt hanger. 2,129,455; Sept. 6.
- Wishart, Ronald S. (See Hallden, F. G., and Wishart.)
- Wishart, William W., Holland, Mich. Shaft seal. 2,140,304; Dec. 13.
- Wishon, Ralph, assignor to Decapiteau Glass Containers, Inc., Chicago, Ill. Proprietary container construction. 2,126,160; Aug. 9.
- Wisner, John A., Baltimore, Md. Fountain cleaning device. 2,110,188; Mar. 8.
- Wisner, René, assignor to Société Anonyme André Citroën, Paris, France. Pump for injection engines. 2,110,314; Mar. 8.
- Wisoff, Isaac J., Brooklyn, N. Y. Decorative material. 2,112,723; Mar. 29.
- Wiss J., & Sons, Co. (See Rauh, Frederic H., assignor.)
- Wissler, William A., Niagara Falls, N. Y., assignor to Haynes Stellite Company, Brazing. 2,126,074; Aug. 9.



- Wissman, Reuben E., assignor to The Minster Machine Company, Minster, Ohio. Oil cushion splined clutch. 2,140,216; Dec. 13.
- "Wistra" Offenbau-Gesellschaft m. b. H. (See Bartsch, Walter, assignor.)
- Wiswall, William J., Portland, Oreg., assignor, by mesne assignments, to American Sales Book Company, Inc. Continuous manifolding strip supplies. 2,108,462; Feb. 15.
- Wiswell, Norman N. (See Wiswell, Ozro N., assignor.)
- Wiswell, Norman N., Los Angeles, Calif. Device for opening cans. 2,130,634; Sept. 20.
- Wiswell, Norman N., Los Angeles, Calif. Collapsing container and collapsing device. 2,139,143; Dec. 6.
- Wiswell, Ozro N., assignor to Swingspout Measure Company, Los Angeles, Calif. Dispenser. 2,104,843; Jan. 11.
- Wiswell, Ozro N., assignor to Swingspout Measure Company, Los Angeles, Calif. Can opener and dispensing device. 2,105,575; Jan. 18.
- Wiswell, Ozro N., assignor to N. N. Wiswell, Los Angeles, Calif. Container opening device for use on engines. 2,114,459; Apr. 19.
- Witchger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Try-square. 2,122,875; July 5.
- Witchger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Tape measure. 2,136,769; Nov. 15.
- Witham, George S., Jr., Portland, Oreg. Agitating tank for liquids. 2,139,430; Dec. 6.
- Witherow, William P. (See Henderson, Albert, assignor.)
- Witkin, B. E. (See Marvin, Stanley, assignor.)
- Witt, Harry, Wolf Point, Mont. Water lifting apparatus. 2,130,940; Sept. 20.
- Wittander, Samuel, Traneberg, Sweden. Sound reproducing and recording apparatus. 2,141,584; Dec. 27.
- Wittcoff, Edward, University City, Mo. Head-covering. 2,111,257; Mar. 15.
- Wittcoff, Edward, University City, Mo. Headwear. 2,127,797; Aug. 23.
- Witte, Emil A., Milwaukee, assignor, by mesne assignments, to Western Coil & Electrical Co., Racine, Wis. Toy airplane. 2,136,067; Nov. 8.
- Witte, Erhard. (See Stoeckly, J. J., and Witte.)
- Wittek, Joseph, Pasadena, Calif., assignor to Wittek Manufacturing Co., Chicago, Ill. Hedge and tree trimmer. 2,105,576; Jan. 18.
- Wittek Manufacturing Co. (See Wittek, Joseph, assignor.)
- Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film strip. 2,105,238; Jan. 11.
- Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Lens mount construction. 2,110,477; Mar. 8.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Clutch support in motion picture apparatus. 2,110,493; Mar. 8.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Take-up and rewind assembly for motion picture projectors. 2,124,938; July 26.
- Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film splicing apparatus. 2,126,298; Aug. 9.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Collapsible camera. 2,126,300; Aug. 9.
- Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Guide member for motion picture apparatus of the magazine type. 2,132,715; Oct. 11.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Slide changing device for a projector. 2,132,716; Oct. 11.
- Wittel, Otto, L. R. Martin, and D. H. Smiley, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Clutch connection for motion picture apparatus of the magazine type. 2,126,299; Aug. 9.
- Wittel, Otto, and L. R. Martin, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Locating member for a film magazine with respect to motion picture apparatus. 2,132,714; Oct. 11.
- Wittenberg, Lester, New Rochelle, assignor to The Barrett Company, New York, N. Y. Expansion joint. 2,122,167; June 28.
- Wittenberg, Mervyn P., Rochester, N. Y. Display device for wearing apparel. 2,107,356; Feb. 8.
- Wittenmyer, Carlos, Mount Clemens, Mich. Paper positioning apparatus for typewriters. 2,127,798; Aug. 23.
- Wittkunas, Bruno A., Summit, N. J., and P. M. Watkins, Forest Hills, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Sonic depth and height indicator. 2,131,993; Oct. 4.
- Wittmack, Charles E., assignor to Oshkosh B'Gosh, Inc., Oshkosh, Wis. Overall. 2,132,668; Oct. 11.
- Wittmann, Robert A., assignor of one-half to R. G. Guthrie, Chicago, Ill. Hygrometer. 2,119,077; June 7.
- Wittnebel, Arthur A., New Rochelle, assignor to American Bank Note Company, New York, N. Y. Making safety inks. 2,116,374; May 3.
- Wittwer, Max. (See Schnette, H., Schoeller, and Wittwer.)
- Witzel, Earl R., and R. L. Humbert, Kohler, Wis. Prime mover dynamo plant. 2,132,815; Oct. 11.
- Witzel, Ernst, assignor to Young Radiator Company, Racine, Wis. Evaporator distributor head. 2,126,364; Aug. 9.
- Witzenmann, Emil, Pforzheim, Germany. Flexible conduit. 2,136,770; Nov. 15.
- Witzke, Otto J., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Fluxing device. 2,135,995; Nov. 8.
- Wobbe, William M., Springfield, Ohio. Metal edging machine. 2,119,032; May 31.
- Wobensmith, James C., Philadelphia, Pa. Cryptographic device. 2,138,532; Nov. 29.
- Woburn Degreasing Company of New Jersey. (See Straus, Henry P., assignor.)
- Wochner, Henry, assignor to Bear Manufacturing Company, Rock Island, Ill. Wheel balancing mechanism. 2,117,073; May 10.
- Wochner, Henry, assignor to Bear Manufacturing Company, Rock Island, Ill. Radius gauge for automobiles. 2,125,534; Aug. 2.
- Woehler, Henry G., assignor to Niedringhaus, Inc., St. Louis, Mo. Metallic barrel and means for clamping closures thereon. 2,111,830; Mar. 22.
- Woehler, Henry G. and W. J., assignors to Niedringhaus, Inc., St. Louis, Mo. Structural holding clip. 2,123,458; July 12.
- Woehler, Walter J. (See Woehler, Henry G. and W. J.)
- Woelfel, Harold M., assignor to The Robert Mitchell Company, Limited, Montreal, Canada. Window frame construction. 2,128,870; Aug. 30.
- Woelfer, Frank C., Jr., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Mechanic's creeper. 2,124,389; July 19.
- Woelfer, Frank C., Jr., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Receptacle. 2,131,714; Sept. 27.
- Woelflin, William, Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electrical method for manufacturing sulphonated oils. 2,110,899; Mar. 15.
- Woeltjen, Emil J., Chicago, Ill. Dispensing device. 2,133,679; Oct. 18.
- Wohldorf, Hans, Neumuenster, Germany. Vehicular coupling. 2,113,338; Apr. 5.
- Wohlfarth, Otto, and G. de Niem, assignors to Allgemeine Elektrizitaet Gesellschaft, Berlin, Germany. Power supply system. 2,130,441; Sept. 20.
- Wohlfarth, Walter W., San Francisco, assignor to A. T. Ashjian and J. B. Sweet, Fresno, Calif. Truck suspension. 2,104,284; Jan. 4.
- Wohlfeld, Jacob, assignor to G. Lovequest, Detroit, Mich. Yieldable clutching means. 2,120,384; June 14.
- Wohlwill, Max. (See von Girssewald, C. B., Siecke, and Wohlwill.)
- Wojtkowiak, Hans, Weehawken, assignor to Luminor Electric Company, Union City, N. J. Gaseous electric discharge system. 2,118,000; May 17.
- Wolcott, Chas E., et al. (See Fabian, Charles A., assignor.)
- Wolcott, Frank E., West Hartford, Conn., assignor to The Silix Company, Water heater. 2,110,251; Mar. 8.
- Wolcott, Frank E., West Hartford, Conn., assignor, by mesne assignments, to The Silix Company. Dispensing device. 2,110,252; Mar. 8.
- Wolcott, Frank E., West Hartford, assignor to The Silix Company, Hartford, Conn. Holder. 2,112,944; Apr. 5.
- Wolcott, Glenn W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,117,468; May 17.
- Wolcott, John W., Baltimore, Md. Concrete slab structure. 2,126,301; Aug. 9.
- Woldman, Edward E. (See Leffert, H., and Woldman.)
- Wolf, Albert. (See Scheiber, F., and Wolf.)
- Wolf, Alexander, L. G. Cowles, and W. S. Richardson, Houston, Tex., assignors to The Texas Company, New York, N. Y. Vibration detector. 2,130,213; Sept. 13.
- Wolf, Austin M., Plainfield, N. J. Motor vehicle. 2,132,450; Oct. 11.
- Wolf, Benjamin, Co. Inc. (See Thorman, Lester K., assignor.)
- Wolf Brothers. (See Wolf, Howard A.)
- Wolf, Bruno, and W. Kling, Chemnitz, and M. Rau, Rabenstein N/Chemnitz, assignors to Bohme Fechtchemie-Gesellschaft, Chemnitz, Germany. Textile and method of finishing. 2,108,520; Feb. 15.
- Wolf, Charles M., et al. (See Glowitz, Benjamin, assignor.)
- Wolf, Elias, et al. (See Wolf, Howard A., assignor.)
- Wolf, Elwood W. (See Corbin, E. A., Jr., and Wolf.)
- Wolf, Emil, Budapest, assignor to The arm chain (Dr. Gyogyszer Es Vegyeszet Termekek Gyara R. T. (Dr. Kereszty and Dr. Wolf), Ulpst, Hungary. Medicinal preparation of diuretic effect and its preparation. 2,116,872; May 10.
- Wolf, Edwin J., Fort Wayne, Ind. Mattress. 2,121,417; June 24.
- Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Rough rounder. 2,132,479; Oct. 11.
- Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Shoe repairer's jack. 2,138,265; Nov. 29.



- Wolf, Frank F., assignor to Oakes & Burger Co., Inc., Cattaraugus, N. Y. Can washing machine. 2,122,018; June 28.
- Wolf, Fritz, Birkenwerder, near Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,106,881; Feb. 1.
- Wolf, Hans, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of sponge rubber from aqueous rubber dispersions. 2,138,081; Nov. 29.
- Wolf, Harry C., Irvine, Ky., assignor to A. R. and S. W. Hanson, trustees. Secondary recovery from oil wells. 2,115,378; Apr. 26.
- Wolf, Harry C., Irvine, Ky., assignor to A. R. and S. W. Hanson, trustees. Apparatus for secondary recovery from oil wells. 2,115,379; Apr. 26.
- Wolf, Hermann, Coblenz, Germany. Stabilizing device. 2,111,716; Mar. 22.
- Wolf, Howard A., assignor to L. E. H. A., and W. L. Wolf, doing business as Wolf Brothers, Philadelphia, Pa. Paper bag. 2,132,669; Oct. 11.
- Wolf, Howard O., assignor of forty-nine per cent to H. E. Burnett, Grand Junction, Colo. Luminous sign. 2,125,009; July 26.
- Wolf, Isidore G., Dordrecht, Netherlands. Artificial resins. 2,120,343; June 14.
- Wolf, Jacques, & Company. (See Gasnier, Georges R., assignor.)
- Wolf, Louis, et al. (See Wolf, Howard A., assignor.)
- Wolf, Louis, & Co. Inc. (See Morris, S. F., and Kuramochi, assignors.)
- Wolf, Martin B., St. Catharine's, Ontario, Canada, assignor to Thompson Products, Incorporated, Cleveland, Ohio. Drop forging die structure. 2,134,386; Oct. 25.
- Wolf, Oscar, and R. C. Powell, Forest Hills, assignors to The Texas Company, New York, N. Y. Heater for fluids. 2,141,633; Dec. 27.
- Wolf, Robert I., assignor of fifty-one per cent to E. L. Gelwicks, Los Angeles, Calif. Hydraulic brake system. 2,115,438; Apr. 26.
- Wolf, Walter L., et al. (See Wolf, Howard A., assignor.)
- Wolfe, Ernest H. (See Staub, E. E., and Wolfe.)
- Wolfe, George F., and J. I. Spencer; said Spencer assignor to said Wolfe, Memphis, Tenn. Automatic speed control for vehicles. 2,127,454; Aug. 16.
- Wolfe, Harry H. (See Johnson, G. T., and Wolfe.)
- Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Tight lock coupler. 2,116,459; May 3.
- Wolfe, John W., administrator, de bonis non. (See Lincoln, B. H., Steiner, and Henriksen.)
- Wolfe, Lem W., Maracaibo, Venezuela. Protractor. 2,113,524; Apr. 5.
- Wolfe, Ralph A. (See Duffendack, O. S., and Wolfe.)
- Wölfel, Albrecht, Rudolstadt, Germany, assignor to General Electric Company. X-ray tube. 2,112,746; Mar. 29.
- Wolffenden, Harry C., Attleboro, Mass. Conditioning, lofting, and fluffing yarns and the like. 2,120,844; June 14.
- Wolffensberger, Jakob, Bauma, Switzerland. Loom for weaving. 2,107,592; Feb. 8.
- Wolffert, Edward R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid level alarm. 2,120,825; June 14.
- Wolffes, Otto, and O. Hromatka, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Esters of pseudotropine and their production. 2,127,547; Aug. 23.
- Wolff, Claude G. (See Clarkson, R. G., and Wolff.)
- Wolff, Edward, New York, N. Y. Printing press. 2,131,207; Sept. 27.
- Wolff, Franklin J., Trenton, N. J. Closet bowl. 2,121,940; June 28.
- Wolff, Fritz, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Dry disinfectant for seeds. 2,109,143; Feb. 22.
- Wolff, Harold I. (See Harger, D. K., and Wolff.)
- Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,110,564; Mar. 8.
- Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Frequency controlled electronic oscillator. 2,113,225; Apr. 5.
- Wolff, Lise, née Saling, Berlin-Grünwald, Germany, assignor to P. M. Klein, New York, N. Y. Container. 2,110,617; Mar. 8.
- Wolff, Otto E., assignor, by mesne assignments, to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for separating, counting, and delivering sheet material. 2,132,451; Oct. 11.
- Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for separating, counting and delivering sheet material. 2,133,259; Oct. 11.
- Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for stacking sheet material. 2,133,260; Oct. 11.
- Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for separating, counting, delivering, wrapping, and addressing sheet material. 2,133,261; Oct. 11.
- Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for separating, counting, and delivering sheet material. 2,133,262; Oct. 11.
- Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for handling sheet material. 2,133,263; Oct. 11.
- Wolff, Otto E., assignor, by mesne assignments, to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Machine for separating, counting, and delivering sheet material. 2,133,264; Oct. 11.
- Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of R. S. Bauer trust. Counter. 2,133,265; Oct. 11.
- Wolff, Paul, and A. Sieglitz, Frankfort-on-the-Main, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Carbocyanine dyestuffs and preparing them. 2,126,852; Aug. 16.
- Wolff, Robert. (See Elbert, Fritz, assignor.)
- Wolff, Saul K., Long Beach, N. Y. Camp grill. 2,104,534; Jan. 4.
- Wolff, Werner. (See Keyssner, E., and Wolff.)
- Wölfe, Georg R., Berlin-Pankow, assignor to H. Lindner, Berlin-Wittenau, Germany. Drilling spindle drive for vertical drilling machines. 2,118,387; May 24.
- Wolfer, Ira W., Peoria, Ill. Brushing machine. 2,115,439; Apr. 26.
- Wolford, Ray H. (See Sporn, P., Wolford, and Nein.)
- Wolford, Walter L., Oakland, Calif. Maintaining the fluid level of storage batteries. 2,135,153; Nov. 1.
- Wolfram, William S. (See Hunt, G., and Wolfram.)
- Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automobile clutch. 2,124,097; July 19.
- Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,138,129; Nov. 29.
- Wolfram, Ulrich, and F. Koehler, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Double cylinder water pressure engine and piston pump actuated thereby. 2,141,731; Dec. 27.
- Wolfsen, Edward, Jersey City, N. J. Dental appliance. 2,110,315; Mar. 8.
- Wolfsen, Idee D. (See Berry, J., and Wolfsen.)
- Wolfsen, Isadore D., Woodmere, N. Y. Four-in-hand tie. 2,105,306; Jan. 11.
- Wolfsen, Isadore D., Woodmere, N. Y. Facing band and multiple band strip. 2,123,620; July 12.
- Wolfsen, Leon B., Columbus, Ga. Paper cutter. 2,118,751; May 24.
- Wolfsen, Sidney L. (See Ashton, P. E., and Wolfsen.)
- Wolfsen, William, Sunnyside, Long Island, N. Y. Three-dimensional article formed of sheet material. 2,110,784; Mar. 8.
- Wolhaupter, David P., Washington, D. C., assignor to Poor & Company, Chicago, Ill. Rail anchor. 2,132,367; Oct. 4.
- Wolkan, Walter G., Cincinnati, Ohio. Method and apparatus for marking fabrics. 2,135,228; Nov. 1.
- Wolkin, Morris, New York, N. Y. Yarn measuring device. 2,134,271; Oct. 25.
- Wollenhaupt, Justus J. (See Doyle, W. J., and Wollenhaupt.)
- Wollenweber, William, Sacramento, Calif. Electrician's tool. 2,133,005; Oct. 11.
- Woller, Edward E., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Studio couch. 2,135,687; Nov. 8.
- Woller, Edward E., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Studio couch. 2,139,923; Dec. 13.
- Woller, Edward E., D. C. Travis, and M. F. Bayer, Kenosha, Wis., assignors to Simmons Company, New York, N. Y. Glider. 2,116,334; May 3.
- Wollheim, Walter E. (See Folke, B. E., and Wollheim.)
- Wollner, Hans, Detroit, Mich., assignor to Universal Products Company. Universal joint mechanism. Re. 20,799; July 12.
- Wollner, Hans, Detroit, Mich., assignor to Universal Products Co., Inc. Universal joint mechanism. 2,106,672; Jan. 25.
- Wollner, Hans, Detroit, Mich., assignor to Universal Products Co., Inc. Take-down joint. 2,114,199; Apr. 12.
- Wollner, Hans, Detroit, Mich., assignor to Universal Products Company, Inc. Universal joint. 2,124,803; July 26.
- Wollner, Hans, Detroit, Mich., assignor to Universal Products Co. Inc. Universal joint. 2,132,816; Oct. 11.
- Wolsiffer, John V., Indianapolis, Ind. Furnace. 2,109,243; Feb. 22.
- Wolstenholme, Harry F., Paterson, N. J. Rotary internal combustion engine. 2,124,327; July 19.
- Wolter, Heinrich. (See Zorn, H., Vogel, and Wolter.)
- Wolters, Carl F., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Tray front. 2,112,821; Mar. 29.
- Wolters, Hans, Wuppertal-Elberfeld, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical interlock for drive shafts. 2,130,866; Sept. 20.
- Woltersdorf, Elmer J., Van Horne, Iowa. Gearing. 2,107,463; Feb. 8.



- Wolthuis, Herman, Neenah, and C. A. Fourness, Appleton, assignors to Paper Patents Company, Neenah, Wis. Air filter. 2,119,978; June 7.
- Wolverine Supply and Manufacturing Company. (See Hipwell, Harry T., assignor.)
- Wolverine Tube Company. (See Bradley, G. H., and Clifford, assignors.)
- Wolverine Tube Company. (See Klopsch, O. Z., and Bradley, assignors.)
- Wolvin, Roy M. (See Robinson, Joseph, assignor.)
- Womeldorf, Marion. (See Allen, P. A., and Womeldorf.)
- Womsley, Harold J. (See Lynch, J. J., Semke, and Womsley.)
- Wong, Alice T., Honolulu, Territory of Hawaii. Stitch and work holder for knitting needles. 2,128,871; Aug. 30.
- Woo, Jack, Port Alice, British Columbia, Canada. Condiment receptacle. 2,121,516; June 21.
- Woo, Jack, Port Alice, British Columbia, Canada. Dispensing device. 2,131,651; Sept. 27.
- Woock, Herbert J., Lodi, Calif. Tensile testing apparatus. 2,141,284; Dec. 27.
- Wood, Abram H., White Hall, Md. Fluid brake. 2,124,173; July 19.
- Wood, Alan, Steel Company.. (See Lawrence, Victor H., assignor.)
- Wood, Alexander P., Schenectady, N. Y., assignor to General Electric Company. Dynamo-Electric machine. 2,112,747; Mar. 29.
- Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Punch mechanism for buttonhole-type sewing machines. 2,138,776; Nov. 29.
- Wood, Amos L. (See Duff, E. E., and Wood.)
- Wood, Anthony W., Upper Norwood, London, England. Apparatus for display or advertising purposes. 2,104,314; Jan. 4.
- Wood, Bert F. (See Goldsmith, C. L., and Wood.)
- Wood, Charles E., Milwaukee, Wis. Hydraulic sizer. 2,138,810; Nov. 29.
- Wood, Clarence P. (See Huffer, J. P., and Wood.)
- Wood, Clarence P. (See Lasky, M., and Wood.)
- Wood, Clarence P., assignor to Polymet Manufacturing Corporation, New York, N. Y. Photoelectric safety guard. 2,115,322; Apr. 26.
- Wood, Claude O., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,128,064; Aug. 23.
- Wood Conversion Company. (See Spafford, Allen L., assignor.)
- Wood, Dennis, Stanmore, England. Waxing machine. 2,106,940; Feb. 1.
- Wood, Dennis, Stanmore, England. Conveyer. 2,106,941; Feb. 1.
- Wood, Dennis, Stanmore, England. Carton making machine. 2,110,478; Mar. 8.
- Wood, Dennis, Stanmore, England. Carton bottoming machine. 2,110,479; Mar. 8.
- Wood, Donald L., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Ventilating of lamp houses. 2,135,996; Nov. 8.
- Wood, Edward L., Detroit, Mich. Service station power oil removal unit. 2,105,761; Jan. 18.
- Wood, Edward L., Detroit, Mich. Filter. 2,107,406; Feb. 8.
- Wood, Edward L., Detroit, Mich. Filter. 2,129,188; Sept. 6.
- Wood, Edward L., Detroit, Mich., assignor to Gar Wood Industries, Inc. Bearing and support. 2,137,434; Nov. 22.
- Wood, Elsie E., Whittier, Calif. Garbage can liner. 2,104,686; Jan. 4.
- Wood, Everett N., Minneapolis, Minn. Radiator apparatus and method. 2,129,254; Sept. 6.
- Wood, F. E., et al. (See Brandenburg, Harry J., assignor.)
- Wood, Frank J., Riverside, Ill. Coupling for power shafts. 2,135,929; Nov. 8.
- Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Pickling and cleaning device for strip metal. 2,141,732; Dec. 27.
- Wood, Fred W. (See Winegarden, H. M., Westfall, Hawes, and Wood.)
- Wood, Gar. (See Gray, Edward, assignor.)
- Wood, Gar, Industries, Inc. (See Allin, George S., assignor.)
- Wood, Gar, Industries, Inc. (See Wood, Edward L., assignor.)
- Wood, Garfield A., Detroit, Mich. Vacuum actuated automobile control. 2,107,357; Feb. 8.
- Wood, Garfield A., Detroit, Mich. Safety device for aeroplanes. 2,123,295; July 12.
- Wood, George. (See Bach, Ernest A., assignor.)
- Wood, Henry A., Berkeley, Calif. Snubbing clamp and stand. 2,130,170; Sept. 13.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Casting apparatus for the registration of printing plates. 2,104,313; Jan. 4.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web supply arrangement of printing presses. 2,107,461; Feb. 8.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Connecting sheets of a newspaper. 2,107,462; Feb. 8.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Ink fountain. 2,120,845; June 14.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Automatic reel for paper rolls. 2,120,846; June 14.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Ink motion. 2,127,455; Aug. 16.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Automatic matrix registering device. 2,137,190; Nov. 15.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Collapsible delivery for printing presses. 2,141,963; Dec. 27.
- Wood, Herbert H. (See Walker, G. T., and Wood.)
- Wood, James R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Bed motion. 2,112,215; Mar. 22.
- Wood, J. R., et al. (See Aitken, Earle M., assignor.)
- Wood, James R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 2,112,216; Mar. 22.
- Wood, Jess M., Windom, Minn. Power take-off device for automobile trucks and tractors. 2,121,897; June 28.
- Wood, John, Manufacturing Company. (See Bradley, E. H., and Brouse, assignors.)
- Wood, John C., assignor to National Foam System, Inc., Philadelphia, Pa. Fire extinguishing system and apparatus. 2,125,057; July 26.
- Wood, John M. (See Little, R., Traver, Wood, and Fraim.)
- Wood, John, Manufacturing Company. (See Brouse, William H. D., assignor.)
- Wood, John, Manufacturing Company. (See Demers, Isaié J. B., assignor.)
- Wood, John, Manufacturing Company. (See Desimone, Cornelius A., assignor.)
- Wood, John, Manufacturing Company. (See Desimone, C. A., and Woodford, assignors.)
- Wood, John, Manufacturing Company. (See Willson, David S., assignor.)
- Wood, John, Manufacturing Company. (See Woodford, Joseph C., assignor.)
- Wood, Joseph D., Bethlehem, Pa., assignor to Roller-Smith Company. Circuit breaker. 2,129,723; Sept. 13.
- Wood, Kenneth L. (See Higgitt, H. V., and Wood.)
- Wood, Louis S., Grosse Pointe Farms, assignor to Gar Wood Industries, Incorporated, Detroit, Mich. Dumping body hoist. Re. 20,812; July 26.
- Wood Manufacturing Corporation. (See Wood, Henry A. W., assignor.)
- Wood, Milton E., Eltingville, N. Y. Game apparatus. 2,106,024; Jan. 18.
- Wood-Mosaic Co. (See Birtles, Arthur B., assignor.)
- Wood Newspaper Machinery Corporation. (See Tollison, Paul L., assignor.)
- Wood Newspaper Machinery Corporation. (See Tornberg, Isidor, assignor.)
- Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
- Wood, Orla L., Schenectady, N. Y., assignor to General Electric Company. Liquid purification apparatus. 2,126,596; Aug. 9.
- Wood, Orville T. (See Officer, W. J., and Wood.)
- Wood, Paul A., Roanoke, Va. Building construction. Re. 20,851; Sept. 6.
- Wood, Paul A., Roanoke, Va. Building construction. 2,116,859; May 10.
- Wood, Pelree M., Mamaroneck, N. Y. Airplane device. 2,135,119; Nov. 1.
- Wood, Raymond E., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Interference eliminating apparatus for radio receivers. 2,136,659; Nov. 15.
- Wood, Ronald E., Moscow, Idaho. Determining butterfat in cream. 2,129,516; Sept. 6.
- Wood, Rusling, East Orange, N. J., assignor to Rusling Wood, Inc., New York, N. Y. Combined shipping container and easel for display devices. 2,115,293; Apr. 26.
- Wood, Rusling, Inc. (See Schmidt, Rudolph A., assignor.)
- Wood, Rusling, Inc. (See Wood, Rusling, assignor.)
- Wood, Russell A., Cambridge, Mass. Game apparatus. 2,140,411; Dec. 13.
- Wood, Thomas E., Library, Pa. Fuel burner. 2,132,551; Oct. 11.
- Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Wheel feeding mechanism. 2,133,006; Oct. 11.
- Wood, Walter A., Los Angeles, assignor to J. D. Chestnut, San Marino, Calif. Airplane kite. 2,124,992; July 26.
- Wood, Walter A., Jackson Heights, N. Y. Directional control of vehicles. 2,134,426; Oct. 25.
- Wood, Wilfred R., assignor to Combustion Engineering Company, Inc., New York, N. Y. Steam and water separator. 2,112,321; Mar. 20.
- Wood, Wilfred R., assignor to Combustion Engineering Company, Inc., New York, N. Y. Slagging furnace. 2,120,524; Aug. 9.
- Wood, William E., Islington, Mass. Making finger rings and blank therefor. 2,120,320; June 14.



- Wood, Zebulon V., and G. B. Melton, Gaffney, S. C., assignors of three-fourths to said Z. V. Wood and one-fourth to said G. B. Melton. Scalp cooling apparatus. 2,107,557; Feb. 8.
- Woodall-Duckham (1920) Limited. (See McEwan, Matthew H., assignor.)
- Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Automobile trim panel. Re. 20,943; Dec. 6.
- Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Panel fastener. 2,110,351; Mar. 8.
- Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Trim panel and fastener therefor. 2,141,500; Dec. 27.
- Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Trim panel and fastener therefor. 2,141,501; Dec. 27.
- Woodall, Herbert J., and M. S. Randall, assignors to Woodall Industries Incorporated, Detroit, Mich. Laminated structure. 2,134,495; Oct. 25.
- Woodall Industries Incorporated. (See Cunningham, George R., assignor.)
- Woodall Industries Incorporated. (See Johnson, Charles B., assignor.)
- Woodall Industries Incorporated. (See Randall, Meredith S., assignor.)
- Woodall Industries Incorporated. (See Woodall, Herbert J., assignor.)
- Woodall Industries, Incorporated. (See Zinser, Paul R., assignor.)
- Woodall Industries Incorporated. (See Zinser, Paul R., and Randall, assignors.)
- Woodall, John H., Woodland, Ga. Edge guard for fruit boxes. 2,130,867; Sept. 20.
- Woodall, John H., Woodland, Ga. Basket cushion. 2,135,955; Nov. 8.
- Woodall, John H., Woodland, Ga. Packing cushion, etc. 2,135,956; Nov. 8.
- Woodard, Fred E., Omaha, Nebr. Bicycle mechanism. 2,109,983; Mar. 1.
- Woodard, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating system. 2,110,689; Mar. 8.
- Woodard, William E., Forest Hills, N. Y. Railway vehicle. 2,116,295; May 3.
- Woodard, William E., Forest Hills, N. Y. Valve motion mechanism. 2,136,405; Nov. 15.
- Woodard, William E., Forest Hills, N. Y. Valve motion mechanism for locomotive engines. 2,138,053; Nov. 29.
- Woodberry, David L., Perryman, Md. Bore-safe fuse. 2,118,062; May 24.
- Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery charge indicating means. 2,124,174; July 19.
- Woodbridge, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Propellant powder. 2,113,418; Apr. 5.
- Woodbridge, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating smokeless powder. 2,123,517; July 12.
- Woodburn, Ralph E., assignor to Parke, Davis & Company, Detroit, Mich. Machine for forming ribbed strips. 2,136,533; Nov. 15.
- Woodbury, Clifford A. (See Lewis, H. A., and Woodbury.)
- Woodbury, Clifford A., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting initiator. 2,118,533; May 24.
- Woodcock, Andrew J., Wilmette, Ill. Golf bag support. 2,119,695; June 7.
- Woodcock, Reginald B., and H. Boothroyd, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 2,105,388; Jan. 11.
- Woodcock, Reginald B., and S. W. Potter, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,125,975; Aug. 9.
- Wooddell, Charles E., C. S. Nelson, Niagara Falls, and R. Lincoln, Buffalo, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,115,897; May 3.
- Woodford, Bronson C., assignor to The Murray Company, Dallas, Tex. Feeder, extractor, and cleaning machine for cotton gins. 2,114,552; Apr. 19.
- Woodford, Bronson C., assignor to The Murray Company, Dallas, Tex. Separator. 2,114,553; Apr. 19.
- Woodford, Bronson C., assignor to The Murray Company, Dallas, Tex. Vacuum feeder and paddle wheel therefor. 2,141,585; Dec. 27.
- Woodford, Joseph C. (See Desimone, C. A., and Woodford.)
- Woodford, Joseph C., Haverford, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Locating, locking, and indicating means for a shiftable gear. 2,106,686; Jan. 25.
- Woodhams, Douglas C., London, England. Air-circulating means for motor-driven vehicles. 2,107,193; Feb. 1.
- Woodhead, Daniel, Barrington, Ill. Electric connector. 2,119,452; May 31.
- Woodhead, Harper, Blackborough, near Cullompton, England. Apparatus for intaglio or the like printing. 2,112,188; Mar. 22.
- Woodhead, Henry A., Graniteville, S. C. Method and apparatus for preshrinking cloth. 2,120,536; June 14.
- Woodhouse, John C., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of methacrylic acid. 2,129,722; Sept. 13.
- Woodhouse, John C., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester synthesis process. 2,135,447; Nov. 1.
- Woodin, Charles K., Bloomington, Ill., assignor to National Rubber Machinery Company, Akron, Ohio. Dry cleaning machine. 2,107,227; Feb. 1.
- Woodin, William H., Jr. (See Soller, Walter, assignor.)
- Woodings, Robert T., Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Spring washer. 2,116,690; May 10.
- Woodings-Verona Tool Works. (See Dawson, Charles W., assignor.)
- Woodings-Verona Tool Works. (See Woodings, Robert T., assignor.)
- Woodland, Cecil R., and C. Rhodes, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Electromagnetic switching device. 2,117,531; May 17.
- Woodling, George V., Wilkinsburg, Pa. Measuring and regulating device. 2,139,295; Dec. 6.
- Woodman, Charles K., Beverly, Mass. Synchronizing internal combustion engine. 2,108,422; Feb. 15.
- Woodman, Charles K., Beverly, Mass., assignor to Huckins Yacht Corporation, Jacksonville, Fla. Indicating device for indicating synchronous operations. 2,118,483; May 24.
- Woodman, George A., Chicago, Ill. Journal box lid. 2,113,188; Apr. 5.
- Woodrow, Homer H. (See Hobson, W., and Woodrow.)
- Woodruff, Byron C., Tampa, Fla., assignor of one-half to R. Brandaleone, New York, and one-half to S. Bregman, Brooklyn, N. Y. Apparatus for the treatment of rheumatic and arthritis conditions. 2,131,360; Sept. 27.
- Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Handling drop bottom containers. 2,111,162; Mar. 15.
- Woodruff, Harry L., assignor to Atlas Copper & Brass Mfg. Co., Chicago, Ill. Tank. 2,139,924; Dec. 13.
- Woodruff, Henry S., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,114,200; Apr. 12.
- Woodruff, Henry S., Larchmont, assignor to Heating Ventilating & Air Conditioning Co. Inc., New York, N. Y. Air conditioning apparatus. 2,115,294; Apr. 26.
- Woodruff, Henry S., Larchmont, assignor to Heating Ventilating & Air Conditioning Co. Inc., New York, N. Y. Air conditioning apparatus. 2,115,295; Apr. 26.
- Woodruff, Herbert H. (See Garman, H. F., and Woodruff.)
- Woodruff, Louis F., Wellesley, Mass. Device for decoding records. 2,128,446; Aug. 30.
- Woodruff, Robert J., Duluth, Minn. Type casting machine. 2,116,460; May 3.
- Woods, Clayton W., Omaha, Nebr. Liquid testing apparatus. 2,122,922; July 5.
- Woods, Ernest L., Chicago, Ill. Device for holding a lower window sash in place when partially raised. 2,117,072; May 10.
- Woods, Gorham W. and H. B., assignors to Hughes Tool Company, Houston, Tex. Welded tool joint. 2,128,111; Aug. 23.
- Woods, Henry B. (See Woods, Gorham W. and H. B.)
- Woods, James, assignor to J. R. MacDonald and Company, Buffalo, N. Y. Garment hanger. 2,119,934; June 7.
- Woods, Jesse D. (See Harvey, W. D., and (Marshall, assignor).)
- Woods, William J., assignor to Corning Glass Works, Corning, N. Y. Drawing glass tubing. 2,141,456; Dec. 27.
- Woodson, James C., assignor to L. Wilson, Cleveland, Ohio. Automatic air cut-off for burners. 2,111,484; Mar. 15.
- Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Annealing furnace. 2,125,661; Aug. 2.
- Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Enameling furnace. 2,137,040; Nov. 15.
- Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Coil annealing furnace. 2,137,869; Nov. 22.
- Woodson, James C., Cleveland, Ohio, assignor to Lee Wilson Sales Corporation. Heating apparatus. 2,137,870; Nov. 22.
- Woodstock Typewriter Company. (See Koca, James F., assignor.)
- Woodstock, Willard H., Chicago Heights, Ill., assignor to Victor Chemical Works. Water softener. 2,122,122; June 28.
- Woodstock, Willard H., Homewood, assignor to Victor Chemical Works, Chicago, Ill. Organic phosphorus-containing compounds. 2,137,792; Nov. 22.
- Woodward, Alva W., Kent, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Wheel or rim. 2,105,829; Jan. 18.
- Woodward, Arthur H., Winnetka, W. E. Richmond, Winnetta, and E. H. Thompson, Winnetka, assignors to International Register Company, Chicago, Ill. Vending machine. 2,113,120; Apr. 5.
- Woodward, Clement A., Roslindale, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening strips of material. 2,126,161; Aug. 9.



- Woodward, George, West Orange, assignor to Igoe Brothers, Newark, N. J. Wire drawing drum. 2,124,967; July 26.
- Woodward Governor Company. (See Kalin, Albert, assignor.)
- Woodward, H. F., et al. (See Weinberger, Galen E., assignor.)
- Woodward, Harold E. (See Daudt, H. W., and Woodward.)
- Woodward, Hoke, Los Angeles, Calif. Apparatus for opening and closing doors. 2,131,415; Sept. 27.
- Woodward, Marion H., Arlington, Va., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Telegraph regenerating system. 2,141,326; Dec. 27.
- Woodward, Ralph, Leicester, Mass. Machine for producing raised printing. 2,109,205; Feb. 22.
- Woodward, Willoughby, New York, N. Y. Automatic fender light. 2,125,746; Aug. 2.
- Woodworth, Charles B., Port Dickinson, N. Y. Tire chain. 2,125,705; Aug. 2.
- Woodworth, Charles B., Port Dickinson, N. Y. Lifting jack. 2,129,806; Sept. 13.
- Woodyatt, Rollin T., Chicago, Ill. Injection instrument. 2,117,469; May 17.
- Wooga, Itsuo. (See Uyeda, K., and Wooga.)
- Woodridge, Mack, assignor, by mesne assignments, to Emco Derrick & Equipment Company, Los Angeles, Calif. Backfiller and bulldozer. 2,119,373; May 31.
- Woolen, William, Chino, Calif. Fishhook holder. 2,130,112; Sept. 13.
- Woolens, Roy E., assignor to Parker-Wolverine Company, Detroit, Mich. Wood graining apparatus. 2,108,155; Feb. 15.
- Wooler, Ernest, and J. B. Baker, assignors to The Timken Roller Bearing Company, Canton, Ohio. Cushioned roller bearing and mounting. 2,141,145; Dec. 20.
- Woolery, Horace E., St. Paul, Minn. Oil burner. 2,104,940; Jan. 11.
- Woolhiser, Jay H. (See Gross, O. J., and Woolhiser.)
- Woolhiser, Jay H., Elmhurst, N. Y. Knitting device and knitting. 2,129,393; Sept. 6.
- Woolley, Bradford G., assignor to Hammel Oil Burning Equipment Company, Inc., Providence, R. I. Oil burner. 2,117,388; May 17.
- Woolley, Clarence M., assignor to American Radiator Company, New York, N. Y. Air heating assembly. 2,122,168; June 28.
- Woolley, Clarence M., assignor to American Radiator Company, New York, N. Y. Portable ventilating attachment for radiators. 2,135,461; Nov. 1.
- Woolley, Ernest L., Providence, R. I. Liquid fuel burner. 2,126,853; Aug. 16.
- Woolley, Rew E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,112,683; Mar. 29.
- Woolley, Rew E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Combination bushing and clamp. 2,134,350; Oct. 25.
- Woolley, Rew E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,136,900; Nov. 15.
- Woolley, Thomas R., and F. Hammis, Detroit, Mich. Stoker construction. 2,132,980; Oct. 11.
- Woolley, William J., Chicago, Ill. Air vent. 2,106,512; Jan. 25.
- Woolsey Industries, Inc., The. (See Woolsey, J. K., and Carpenter, assignors.)
- Woolsey, John K., and F. W. Carpenter, Minneapolis, Minn., assignors, by mesne assignments, to The Woolsey Industries, Inc. Automatic roaster. 2,141,586; Dec. 27.
- Woolson, Harry T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Making structural beam members. 2,139,788; Dec. 13.
- Woolvin, Clarence S. (See Baldwin, A. W., Blackshaw, and Woolvin.)
- Worcester Lawn Mower Company. (See Farmer, F. T., and Loud, assignors.)
- Worcester, Stanley E., Phoenix, Ariz. Saddle construction. 2,130,442; Sept. 20.
- Worden, Norbert P. (See Taylor, A. N., and Worden.)
- Worden, Norbert P., assignor to C. M. Hall Lamp Company, Detroit, Mich. Lamp mounting. 2,115,982; May 3.
- Worden, Norbert P., assignor to C. C. Hall Lamp Company, Detroit, Mich. Vehicle lamp and mounting for the same. 2,138,082; Nov. 29.
- Worden, Norbert P., and H. S. Pedersen, assignors to C. M. Hall Lamp Company, Detroit, Mich. Lamp structure. 2,138,083; Nov. 29.
- Work, Edgar A., Lancaster, Ohio, and C. F. Hammer, Greensburg, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake control apparatus. 2,125,094; July 26.
- Work, Ernest W., Toronto, Ontario, Canada, assignor to The Benton & Cadwell Manufacturing Company, New Britain, Conn. Radiator air valve. 2,125,662; Aug. 2.
- Work, Harold K., Oakmont, and M. Tosterud, Arnold, assignors to Aluminum Company of America, Pittsburgh, Pa. White coating on aluminum. 2,107,318; Feb. 8.
- Work, Robert W., Pittsfield, Mass., assignor to General Electric Company. Electrical insulating composition. 2,111,414; Mar. 15.
- Workman, Clarence E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient support. 2,117,264; May 10.
- Workman, Clarence E., and L. M. Kubaugh, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient mounting. 2,132,840; Oct. 11.
- Workman, Elden B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch box cover fastener. 2,121,620; June 21.
- Workman, Frank H., Cleveland, Ohio. Antiskid device. 2,136,872; Nov. 15.
- Workman, Myrtle R. (See Small, Guy W., assignor.)
- Works, Madden T. (See Burke, W. E., and Works.)
- Worley, Donald E., Waltham, Mass. Precision bearing. 2,127,196; Aug. 16.
- Wormser, Arthur, assignor to Faber & Schleicher, A. G., Offenbach-on-the-Main, Germany. Sheet delivery device and method. 2,106,199; Jan. 25.
- Wormser, Paul, assignor to Sussman, Wormser & Co., San Francisco, Calif. Fruit pitting method. 2,123,644; July 12.
- Worobjoff, Ilja, Wilmersdorf, Berlin, assignor of one-half to K. Franke, Berlin, Germany. Toy balloon. 2,128,628; Aug. 30.
- Worobjoff, Ilja, Steglitz, Berlin, assignor of one-half to K. Franke, Berlin, Germany. Toy balloon. 2,128,629; Aug. 30.
- Worrall, Robert H., Washington, D. C. Radio circuit for channel reception. 2,123,221; July 12.
- Worrall, Robert H., Washington, D. C. Electrical amplifying device. 2,124,600; July 26.
- Worrell, Guy C., assignor to C. F. Ely, Westfield, Mass. Machine tool. 2,119,568; June 7.
- Worssam, Horace H., Babylon, N. Y. Crab grass eliminator. 2,112,800; Mar. 29.
- Worst, Ellsworth A., assignor of one-half to W. H. Schaufele, Bellevue, Ky. Spinning toy. 2,109,788; Mar. 1.
- Wortendyke, Raymond D. (See Ernst, H., and Wortendyke.)
- Worth Company, The. (See Butterworth, S. D., and Nampa, assignors.)
- Worth Company, The. (See Cardinal, Oliver V., assignor.)
- Worth Company, The. (See Eckermann, Leo A., assignor.)
- Worth Company, The. (See Nampa, Sulo M., assignor.)
- Worth Company, The. (See Nampa, S. M., and Japinga, assignors.)
- Worth, Samuel, Chicago, Ill. Sales stimulator. 2,109,603; Mar. 1.
- Worthington, Aronld V. (See Boscow, A. L., and Worthington.)
- Worthington Ball Company, The. (See Olin, Robert R., assignor.)
- Worthington, Edward H., Dunfield, N. J. Lawn mower. 2,111,016; Mar. 15.
- Worthington, Everett, assignor to Story & Clark Piano Company, Chicago, Ill. Detachable piano back. 2,110,946; Mar. 15.
- Worthington, Everett, assignor to Story & Clark Piano Company, Chicago, Ill. Piano casing top construction. 2,127,948; Aug. 23.
- Worthington, John, Walton, Liverpool, assignor to The Metal Box Company, Limited, London, England. Sheet metal container and making the same. 2,111,656; Mar. 22.
- Worthington Pump and Machinery Corporation. (See Feldbush, H. A., and Steven, assignors.)
- Worthington Pump and Machinery Corporation. (See Grace, John F., assignor.)
- Worthington Pump and Machinery Corporation. (See Hirschberg, Charles A., assignor.)
- Worthington Pump and Machinery Corporation. (See Holveck, Joseph E., assignor.)
- Worthington Pump and Machinery Corporation. (See McBath, Bartley R., Jr., assignor.)
- Worthington Pump and Machinery Corporation. (See Merrill, Everett, assignor.)
- Worthington Pump and Machinery Corporation. (See Trager, Leon, assignor.)
- Worthington, Warren, Pittsburgh, Pa. Apparatus for producing sheet material. 2,118,284; May 24.
- Worthington, Warren, Pittsburgh, Pa. Sheet metal and procedure for producing the same. 2,139,872; Dec. 13.
- Worthington, Wayne H. (See McCormick, E., Stewart, and Worthington.)
- Wortz, Charles G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of ketones. 2,108,156; Feb. 15.
- Wotherspoon, Robert, East Orange, N. J., assignor to Derris, Inc., New York, N. Y. Preparing improved derris and cube extracts and hydrogenated derivatives and products produced thereby. 2,126,854; Aug. 16.
- Wotter, Arthur A. (See Sullivan, Howard C., assignor.)
- Wotring, Gaylord H., Seeth, N. Y., assignor to General Electric Company. Regulating nozzle. 2,124,443; July 19.
- Wotring, Royal R. (See King, J. H., and Wotring.)
- Wreal, Sverre F., assignor to Ardcor (Products) Limited, London, England. Coating device. 2,118,719; May 24.
- Wrap-Ade Machine Company. (See Saltsberg, Leroy L., assignor.)
- Wrap-Ade Machine Company. (See Saltsberg, Leroy L., assignor.)



- Wrathall, Leishman R., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Harmonic producer. 2,117,752; May 17.
- Wray, Charles S., Atlantic Highlands, N. J. Seat suspension for vehicles. 2,108,222; Feb. 15.
- Wray, F. P., et al. (See Sanderson, Martin I., assignor.)
- Wren, Charles F., assignor to Columbia Finance Co., Los Angeles, Calif. Vehicle seat, berth, and dressing compartment. 2,113,558; Apr. 5.
- Wright Aeronautical Corporation. (See Browne, Kenneth A., assignor.)
- Wright Aeronautical Corporation. (See Campbell, Kenneth, assignor.)
- Wright Aeronautical Corporation. (See Campbell, K., and Taylor, assignors.)
- Wright Aeronautical Corporation. (See Chilton, Roland, assignor.)
- Wright Aeronautical Corporation. (See Chilton, R., and Gagg, assignors.)
- Wright Aeronautical Corporation. (See Higbie, V., and Young, assignors.)
- Wright Aeronautical Corporation. (See Hill, Henry C., assignor.)
- Wright Aeronautical Corporation. (See Hill, H. C., and Landauer, assignors.)
- Wright Aeronautical Corporation. (See MacCulloch, Donald G., assignor.)
- Wright Aeronautical Corporation. (See Shay, Charles M., assignor.)
- Wright Aeronautical Corporation. (See Speirs, Ralph D., assignor.)
- Wright Aeronautical Corporation. (See Wellenkamp, Paul G., assignor.)
- Wright, Andrew S., Springfield, Mass. Ski pole. 2,131,863; Oct. 4.
- Wright, Arthur, Forest Hills, N. Y. Process and apparatus for testing for sugar. 2,123,690; July 12.
- Wright, Arthur G., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Microphone boom. 2,129,898; Sept. 13.
- Wright, Benjamin F., assignor to Chrysler Corporation, Detroit, Mich. Vehicle control apparatus. 2,123,349; July 12.
- Wright, Charles B. (See Wright, Charles B., assignor.)
- Wright, Charles B., assignor of one-half to C. B. Wright, McCaddin, Tex. Blow-out preventer. 2,138,719; Nov. 29.
- Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Machine for packing book matches. 2,108,280; Feb. 15.
- Wright, Charles F., Akron, Ohio, assignor, by mesne assignments, to The Diamond Match Company. Machine for making book matches and the like. 2,141,581; Dec. 27.
- Wright-Dalton Machinery Company. (See Dalton, John T., assignor.)
- Wright, David C., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Controller for inductive devices. Re. 20,724; May 10.
- Wright, David C., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Current flow timing device. 2,105,899; Jan. 18.
- Wright, David C., and H. L. Wilcox, assignors to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Screw down motor controller. 2,106,965; Feb. 1.
- Wright, David H., New York, N. Y. Saddle girth. 2,130,214; Sept. 13.
- Wright, David M., Agricola, Fla., assignor to Industrial Patents Corporation, Chicago, Ill. Reagent mixer. 2,128,447; Aug. 30.
- Wright, David M., Agricola, Fla., assignor, by mesne assignments, to Swift and Company, Chicago, Ill. Classifier. 2,140,180; Dec. 13.
- Wright, Denis, Elm Vale, Liverpool, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control system. 2,126,695; Aug. 9.
- Wright, E. T., & Company. (See Donovan, Alfred F., assignor.)
- Wright, Edward H. (See Bixby, Butler L., assignor.)
- Wright, Elam W., assignor of forty per cent to H. Miller and ten per cent to J. W. Reid, Abilene, Tex. Cotton cleaner. 2,121,722; June 21.
- Wright, Ellen H. C., executrix. (See Wright, Joseph L.)
- Wright, Ernest M., Oakland, Calif. Die for twisting cable connectors. 2,114,065; Apr. 12.
- Wright, Esmond P. G., and G. C. Hartley, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,112,549; Mar. 29.
- Wright, Esmond P. G., G. C. Hartley, and P. I. Wyndham, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,140,931; Dec. 20.
- Wright, Evan H. (See Stout, W. B., and Wright.)
- Wright, Frank L., Spring Green, assignor of forty-nine per cent to S. C. Johnson & Son, Inc., Racine, Wis. Structural glass. 2,124,809; July 26.
- Wright, Frank M. (See Smith, S. B., and Wright.)
- Wright, George M. (See Brett, G. F., and Wright.)
- Wright, George M., Chelmsford, England, assignor to Radio Corporation of America. Radio receiving system. 2,108,878; Feb. 22.
- Wright, George M., Little Baddow, Chelmsford, England, assignor to Radio Corporation of America, New York, N. Y. Modulated carrier wave receiver. 2,109,561; Mar. 1.
- Wright, George M., Bicknacre, and N. M. Rust, Chelmsford, England, assignors to Radio Corporation of America. High frequency system having remote control. 2,139,055; Dec. 6.
- Wright, Henry C., and H. W. Allen, assignors of one-third to R. A. Fortier, Fresno, Calif. Trigger mechanism. 2,120,076; Aug. 9.
- Wright, Horace C., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sadiron sole plate and method of making. 2,138,720; Nov. 29.
- Wright, J. J., Jr. (See McElrath, Hunter B., assignor.)
- Wright, James C., Colorado Springs, Colo. Hand rock drill. 2,131,997; Oct. 4.
- Wright, James G. E., Scotia, N. Y., and M. Pipkin, Cleveland Heights, Ohio, assignors to General Electric Company. Flash lamp. 2,114,201; Apr. 12.
- Wright, Jerauld, U. S. Navy. Tool. 2,112,873; Apr. 5.
- Wright, Jesse C. (See Creighton, Thomas A., assignor.)
- Wright, Jesse C., deceased, Los Angeles, Calif.; M. H. Wright, executrix. Drill collar. 2,126,075; Aug. 9.
- Wright, Jesse M., Claysburg, Pa. Press for flattening tin cans. 2,128,630; Aug. 30.
- Wright, John H., Larchmont, assignor to Vick Chemical Company, New York, N. Y. Therapeutic composition. 2,125,212; July 26.
- Wright, John Lloyd, Inc. (See Forbes, James B., assignor.)
- Wright, Joseph, Stoke Park, Coventry, and H. Trevasakis, Sutton Coldfield, assignors to Dunlop Rubber Company, Limited, London, England. Firing device for automatic guns. 2,135,688; Nov. 8.
- Wright, Joseph L., deceased, Forest Hills, Long Island, N. Y.; E. H. C. Wright, executrix, assignor to G. A. Auer, Chicago, Ill. Pay station. 2,134,168; Oct. 25.
- Wright, La Moine, Akron, Ohio. Drinking straw. 2,128,448; Aug. 30.
- Wright, Leigh W., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulic contouring attachment for machine tools. 2,120,196; June 7.
- Wright, Leo G. (See Klepetko, E., and Wright.)
- Wright, Leonard M., Dunedin, New Zealand. Treatment of tea. 2,137,374; Nov. 22.
- Wright, Martha H., executrix. (See Wright, Jesse C.)
- Wright, Norman, Sale, England, General Electric Company. Prepayment meter. 2,118,691; May 24.
- Wright, Parvin, Seattle, Wash. Package sealing machine. 2,112,585; Mar. 29.
- Wright, Paul C., Bexley, Ohio. Blowtorch. 2,134,169; Oct. 25.
- Wright, Ralph H., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor starting control system. 2,125,140; July 26.
- Wright, Richard H., Cleveland Heights, Ohio. Door check. 2,111,017; Mar. 15.
- Wright, Richard H., Cleveland, Ohio. Door check and holder. 2,125,010; July 26.
- Wright, Robert N., Gladewater, Tex. Electric lamp socket. 2,141,587; Dec. 27.
- Wright, Robert T., Lake Bluff, Ill. Clutch. 2,140,869; Dec. 20.
- Wright, Russell. (See Maguire, M. M., and Wright.)
- Wright, Silas M. (See Collins, J., and Wright.)
- Wright, Stephen G., Chicago, Ill. Colored roofing granules and making the same. 2,120,773; June 14.
- Wright, Theodore P., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Applying covering to a frame. 2,110,752; Mar. 8.
- Wright, Walter F. (See Dall, Edward D., assignor.)
- Wright, Walter L., assignor to Synchronome Corporation, Santa Monica, Calif. Camera. 2,127,197; Aug. 16.
- Wright, William N., Washington, D. C., assignor to The Standard Stoker Company, Incorporated. Stoker conveying mechanism. 2,113,247; Apr. 5.
- Wright, William S., Newark, Ohio, assignor to Bendix Products Corporation, South Bend, Ind. Automatic clutch release. 2,109,096; Feb. 22.
- Wright's Automatic Tobacco Packing Machine Company. (See Hulse, James E., assignor.)
- Wrightsmen, Philip G., Chester, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Controlling temperature of nitration reactions. 2,140,345; Dec. 13.
- Wrigley, James B., assignor to International Supply Company, Tulsa, Okla. Casing head. 2,124,840; July 26.
- Wrigley, Philip K., assignor to Wm. Wrigley, Jr. Company, Chicago, Ill. Display and dispensing box. 2,138,589; Nov. 29.
- Wrigley, Wm., Jr., Company. (See Holcomb, Richard R., assignor.)
- Wrigley, Wm., Jr., Company. (See Jacques, Marjorie E., assignor.)
- Wrigley, Wm., Jr., & Company. (See Lindsey, William, assignor.)
- Wrigley, Wm., Jr., Company. (See Wilson, Robert L., assignor.)
- Wrigley, Wm., Jr., Company. (See Wrigley, Philip K., assignor.)
- Wrobbel, Charles R., Kingfisher, Okla. Windmill. 2,117,753; May 17.



- Wroble, Theodore M. (See Johnson, A. C., and Wroble.)
- Wronke, Louis J., assignor to Belmont Radio Corporation, Chicago, Ill. Tuning and indicating apparatus for radio receivers. 2,121,767; June 21.
- Wroten, John F., Baltimore, Md. Manufacture of yeast. 2,106,784; Feb. 1.
- Wuensch, Charles E., Joplin, Mo., assignor to Wuensch Hetero Concentration Process Company, Wilmington, Del. Concentration. 2,113,609; Apr. 12.
- Wuensch, Charles E., Joplin, Mo., assignor to Wuensch Hetero Concentration Process Company, Wilmington, Del. Classifier. 2,125,663; Aug. 2.
- Wuensch, Charles E., South Orange, N. J., assignor to Wuensch Hetero Concentration Process Company, Wilmington, Del. Concentration. 2,135,957; N. v. 8.
- Wuensch, Charles E., Berkeley, Calif., assignor to Wuensch Hetero Concentration Process Company, Wilmington, Del. Method and apparatus for separating fragmentary minerals of different specific gravities in crushed ores. 2,139,789; Dec. 13.
- Wuensch Hetero Concentration Process Company. (See Wuensch, Charles E., assignor.)
- Wuerthner, Julius J. (See Lyman, Theodore R., assignor.)
- Wuertz, Alexander J., Carrollville, and R. N. Lulek, Waukesha, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the dibenzanthrone series. 2,107,656; Feb. 8.
- Wuest, Heinz M. (See Frey, A., and Wuest.)
- Wuest, John H., assignor to National Incar Table Co., Incorporated, Louisville, Ky. Automobile serving tray. 2,115,323; Apr. 26.
- Wulf, Charles A., Indianapolis, Ind., assignor to The Ceramic Process Company, Beaver Falls, Pa. Apparatus for pigmenting surfaces. 2,114,973; Apr. 19.
- Wulff, Carl. (See Mark, H., and Wulff.)
- Wulff, Carl, and E. Dorner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of thermoplastic polymerization products. 2,122,805; July 5.
- Wulff, Otto. (See Nicodemus, O., and Wulff.)
- Wulff, Peter, Pullach, and W. Kordatzki, Solln, near Munich, Germany. Method of and apparatus for measuring electric values. 2,119,374; May 31.
- Wulle, William A. (See McDowell, T. E., and Wulle.)
- Wulle, William A., Chicago, Ill. High speed vehicle. 2,118,127; May 24.
- Wulsten, Kurt, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,134,593; Oct. 25.
- Wunder, Franz. (See Altvater, A. W., and Wunder.)
- Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Studio couch. 2,111,521; Mar. 15.
- Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Spring-packing machine. 2,114,008; Apr. 12.
- Wundrack, Otto, Chicago, Ill. Oven construction. 2,138,465; Nov. 29.
- Wunsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. vormal's Central Werkstatt Dessau und Carl Bamberg-Friedenau, fluid operated relay mechanism. 2,111,466; Mar. 15.
- Wunsch, Guido, and W. Hartung, Berlin-Steglitz, Germany, assignors to Askania-Werke A. G. vormal's Central Werkstatt Dessau und Carl Bamberg-Friedenau. Jet pipe relay. 2,107,971; Feb. 8.
- Wunsch, Guido, Berlin-Steglitz, and G. Zoega von Manneff, Berlin-Dahlem, Germany, assignors to Askania-Werke A. G. vormal's Centralwerkstatt Dessau und Carl Bamberg-Friedenau. Direction maintaining means for use on dirigible craft. 2,126,855; Aug. 16.
- Wunsch, Guido, Berlin-Steglitz, and W. Gerisch, Berlin-Friedenau, Germany, assignors to Askania-Werke A. G. vormal's Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Apparatus for controlling the fuel feed in internal combustion engines. 2,129,613; Sept. 6.
- Wunsch, Hans. (See Bischoff, K., Niemann, and Wunsch.)
- Wunsch, Julius A., New York, N. Y. Utilization of naphthenic acids. 2,120,537; June 14.
- Wupper, Benjamin E., Park Ridge, and J. A. Davis, Highland Park, assignors, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,125,706; Aug. 2.
- Wuppermann, Wilhelm, Berlin-Zehlendorf, Germany. Apparatus for manufacturing rayon. 2,138,394; Nov. 29.
- Wurdel, Günther, assignor to Apparatebau Gesellschaft Neumann & Borm Kommanditgesellschaft, Berlin, Germany. Sound transmitting apparatus. 2,121,941; June 28.
- Wurlitzer, Rudolph, Company, The. (See Lindeberg, Carl, assignor.)
- Wurlitzer, Rudolph, Company, The. (See Mitchell, John R., assignor.)
- Wurlitzer, Rudolph, Company, The. (See Schmidt, Otto, assignor.)
- Wurm, Wilhelm, Stuttgart, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic film camera. 2,119,375; May 31.
- Wurman, Harry P., Brooklyn, N. Y., and R. D. Touton, assignors to Wurton Machine Company, Philadelphia, Pa. Treating tobacco. 2,107,843; Feb. 8.
- Wurman, Harry P., Brooklyn, N. Y., and R. D. Touton, assignors to Wurton Machine Company, Philadelphia, Pa. Holding means. 2,118,581; May 24.
- Wurmfeld, Charles J., New York, N. Y. Humidifying apparatus. 2,136,406; Nov. 15.
- Wursthorn, John W., et al. (See Hosmer, Donald, assignor.)
- Würstlin, Karl, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Screen for X-ray photography. 2,129,296; Sept. 6.
- Wüstlin, Karl, Berlin-Baumschulenweg, and K. Grabbe, Berlin-Niederschöneweide, assignors to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Screen for X-ray photographs. 2,129,295; Sept. 6.
- Wurtele, Allan R., New Roads, La. Internal combustion engine. 2,136,960; Nov. 15.
- Wurtele, Carl W., Chappell, Nebr. Attachment for lister disk furrow openers. 2,129,977; Sept. 13.
- Wurton Machine Company. (See Harris, Gordon D., assignor.)
- Wurton Machine Company. (See Touton, Rush D., assignor.)
- Wurton Machine Company. (See Wurman, H. P., and Touton, assignors.)
- Wurtinger, Maximilian J., Fresno, Calif. Boring apparatus. 2,122,332; June 28.
- Wussow, Reinhard, Charlottenburg, and F. W. Fechner, Hamburg, Germany. Ice making apparatus. 2,133,521; Oct. 18.
- Wüsteney, Herbert. (See Rossberg, E., and Wüsteney.)
- Wustrow, Werner. (See Herold, P. and Wustrow.)
- Wyatt, James R., Camden, N. J., assignor to Ajax Electric Furnace Corporation, Philadelphia, Pa. Induction electric furnace and method. 2,120,223; June 7.
- Wyatt, Kenneth S., assignor to The Detroit Edison Company, Detroit, Mich. Cable. 2,112,322; Mar. 29.
- Wydlar, Hermann, Berne, assignor to the firm Sausser A.-G., Soleme, Switzerland. Piston meter for liquids. 2,113,526; Apr. 5.
- Wydlar, Hermann, Berne, assignor to the firm Sausser A.-G., Soleure, Switzerland. Counting mechanism for use in a liquid dispensing apparatus. 2,130,257; Sept. 13.
- Wydlar, Hermann, Berne, assignor to the firm Sausser A.-G., Soleure, Switzerland. Counting mechanism for liquid dispensing apparatus. 2,139,216; Dec. 6.
- Wyeth, Charles A. (See Mitchell, D., and Wyeth.)
- Wyeth, John, & Brother, Incorporated. (See Bird, John C., assignor.)
- Wyeth, John, & Brother, Incorporated. (See Thompson, Marvin R., assignor.)
- Wyeth, Nathaniel, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Leaf spring. 2,118,534; May 24.
- Wyland, J. W., & Sons. (See Wyland, William C., assignor.)
- Wyland, William C., San Gabriel, assignor to J. W. Wyland & Sons, Los Angeles, Calif. Egg grading machine by weight. 2,112,259; Mar. 29.
- Wyland, William C., Alhambra, assignor to J. W. Wyland & Sons, San Gabriel, Calif. Multiple egg feeding and tilting device. 2,135,778; Nov. 8.
- Wyer, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Purification of trinitrotoluene. Re. 20,926; Nov. 22.
- Wyer, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Nitration of organic carbohydrates. 2,105,389; Jan. 11.
- Wyer, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Purification of sucrose octanitrate. 2,105,390; Jan. 11.
- Wyer, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of nitrates of monohydric aliphatic alcohols. 2,105,802; Jan. 18.
- Wyer, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of amino guanidine salts. 2,123,032; July 5.
- Wyer, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Purification of trinitrotoluene. 2,126,162; Aug. 9.
- Wyer, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Preparing aminosulphonic acid. 2,109,952; Mar. 1.
- Wyer, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Diazo salt preparations. 2,116,181; May 3.
- Wylie, Charles A., and W. H. Atwood, San Bernardino, Calif. Bed. 2,130,703; Sept. 20.
- Wylie, Kenneth H., Eugene, Oreg. Nutcracker. 2,135,420; Nov. 1.
- Wyman, George R., East Walpole, Mass. Gasket holder. 2,127,578; Aug. 23.
- Wyman, Joseph B. (See Retalliau, E. R. P. E., and Wyman.)
- Wyman, Le Roy L., Schenectady, N. Y., assignor to General Electric Company. Steel having a high resistance to creep. 2,114,808; Apr. 19.
- Wyman, Walter A., Los Angeles, Calif. Combination comb and instrument case. 2,122,226; June 28.
- Wynd, Clarence L., and W. H. Groth, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Composite cellulose derivative sheeting. 2,129,456; Sept. 6.
- Wyndham, Paul L. (See Wright, E. P. G., Hartley, and Wyndham.)
- Wynkoop, Jesse C., Long Beach, Calif. Changeable orifice valve. 2,114,066; Apr. 12.



- Wynn, Samuel J., New York, N. Y., assignor to Colloid Corporation, Baltimore, Md. Apparatus for producing suspensions. 2,115,056; Apr. 26.
- Wyott Manufacturing Company, The. (See Titus, Thomas L., assignor.)
- Wyrick, Clayton E., Wyandotte, Mich., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 2,133,522; Oct. 18.
- Wyss, Clement H. Jr. (See Howe, P. J., and Wyss.)
- Wyzenbeek, Andrew, Chicago, Ill. Flexible shaft and casing. 2,112,004; Mar. 22.
- Xenis, Constantine P., Little Neck, N. Y. Connector and applying same. 2,109,517; Mar. 1.
- Xylos Rubber Company, The. (See Palmer, H. F., and Miller, assignors.)
- Yabroff, David L., and J. W. Givens, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treating mercaptan solutions. 2,110,412; Mar. 8.
- Yabroff, David L., Oakland, and J. W. Givens, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separating mercaptans. 2,123,492; July 12.
- Yabroff, David L., and J. W. Givens, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Oxidation of mercaptides. 2,140,194; Dec. 13.
- Yacker, Jacob, and W. S. Kirsch, Brooklyn, N. Y. Stamp and label box. 2,107,194; Feb. 1.
- Yackley, Wilbur A. (See Sherman, J. Q., and Yackley.)
- Yacovino, Ralph, New York, N. Y. Shirt. 2,136,534; Nov. 15.
- Yager, George F. (See McKercher, D., and Yager.)
- Yager, George F., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Broaching machine. 2,115,186; Apr. 26.
- Yager, George F., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Stock handling apparatus. 2,132,140; Oct. 4.
- Yager, William A. (See White, A. H., and Yager.)
- Yagoda, Herman, assignor to Carl Schleicher & Schüll Co., Inc., New York, N. Y. Test paper. 2,129,754; Sept. 13.
- Yakima Valley Spray Company. (See Karr, Errol H., assignor.)
- Yakimchick, Maxum E., Pittsfield, Mass. Hair brush. 2,113,206; Apr. 5.
- Yale & Towne Manufacturing Company. (See Behnke, Max O., assignor.)
- Yale & Towne Mfg. Co., The. (See Brauning, Karl A., assignor.)
- Yale & Towne Manufacturing Company, The. (See Goehring, William L., assignor.)
- Yale & Towne Manufacturing Company, The. (See Jones, E., and Fineout, assignors.)
- Yale & Towne Manufacturing Company, The. (See Lowe, Charles B., assignor.)
- Yale & Towne Mfg. Co. (See Lowe, C. B., and Brauning, assignors.)
- Yale & Towne Manufacturing Company, The. (See Miller, Charles A., assignor.)
- Yale & Towne Mfg. Co., The. (See Peterson, Jonas P., assignor.)
- Yale & Towne Manufacturing Co., The. (See Quayle, George, assignor.)
- Yale & Towne Manufacturing Company, The. (See Schroeder, Charles, assignor.)
- Yale & Towne Manufacturing Company, The. (See Wicks, Clifford P., assignor.)
- Yancey, John H., assignor to National Carbon Coated Paper Company, Sturgis, Mich. Autographic register. 2,115,131; Apr. 26.
- Yancey, John R. (See Mueller, R. A., and Yancey.)
- Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Pipe fitting. 2,104,177; Jan. 4.
- Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Straight line needle valve. 2,126,856; Aug. 16.
- Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Pipe coupling. 2,126,857; Aug. 16.
- Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Well head installation with choke valve. 2,132,199; Oct. 4.
- Yancey, Perry E., Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Waste retainer for car journals. 2,125,141; July 26.
- Yanchenko, Basil J. (See Peter, W. J., and Yanchenko.)
- Yankee Metal Products Corp. (See Putterman, Benjamin, assignor.)
- Yankee Metal Products Corp. (See Reed, Daniel E., and Reed, assignors.)
- Yankee Metal Products Corp. (See Reed, Daniel E., assignor.)
- Yankovitch, Bozhidar M., Paterson, N. J. Garment hanger. 2,123,518; July 12.
- Yanney, George W., assignor to The Alliance Machine Company, Alliance, Ohio. Crane drive. 2,120,792; June 14.
- Yannuzzi, Joseph M., Chicago, Ill. Butter serving implement. 2,141,367; Dec. 27.
- Yanofsky, Samuel. (See Barkinsky, A., and Yanofsky.)
- Yanovsky, Elias. (See Paine, H. S., and Yanovsky.)
- Yarbrough, Lowell B., Decatur, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,112,945; Apr. 5.
- Yardley, Farnham, West Orange, N. J., assignor to Jenkins Bros., New York, N. Y. Handwheel for valves. 2,118,128; May 24.
- Yardley, James W., Chicago, Ill. Shower curtain position retainer. 2,131,156; Sept. 27.
- "Yard-Man", Inc. (See Funk, Truman B., assignor.)
- Yarger, Milton R., assignor of thirty percent to R. H. Andrews, Jr., Morgantown, W. Va. Shelving. 2,117,127; May 10.
- Yarn, Clarence G. (See Albrecht, J. H., and Yarn.)
- Yarnall-Waring Company. (See Kinkerman, Walter J., assignor.)
- Yarnall-Waring Company. (See McKee, John F., assignor.)
- Yarnall-Waring Company. (See Mott, Frederick R., assignor.)
- Yarnall, Willis A. (See Wallis, E. S., and Yarnall.)
- Yarnell, I. A., et al. (See Holzcker, Richard, assignor.)
- Yartz, John, Wilkes-Barre, Pa. Tie clamp. 2,124,502; July 19.
- Yarwood, Lancelot. (See Minaker, H. L., and Yarwood.)
- Yasuoka, Hitoshi, assignor to The Fujikura Electric Cable Works, Ltd., Tokyo, Japan. Machine for automatically manufacturing concentric conductors adapted for electrical communications. 2,114,120; Apr. 12.
- Yates-American Machine Company. (See Klespe, William C., assignor.)
- Yates, Charles E., Lakewood, Ohio. Rotary pump or compressor. 2,121,110; June 21.
- Yates, Claude V., et al. (See Rugh, Harry O., assignor.)
- Yates, Donald R. M., Highclere, Chislehurst, England. Leaf spring. 2,127,077; Aug. 16.
- Yates, Joseph, Salt Lake City, Utah. Toy pistol. 2,112,946; Apr. 5.
- Yates, Wallace J., Martinez, assignor to Shell Development Company, San Francisco, Calif. Carbon and gum remover. 2,128,685; Aug. 30.
- Yaw, Carl F., assignor of one-half to L. W. Meehan, Greene, Iowa. Comb. 2,139,709; Dec. 13.
- Yawman & Erbe Mfg. Co. (See Clark, J. R., and Burleigh, assignor.)
- Yawman & Erbe Mfg. Co. (See Roscoe, Edwin S., assignor.)
- Yeadon, Robert. (See Hale, F. C., and Yeadon.)
- Yeager, Anton J., assignor to Prentiss-Wabers Products Co., Wisconsin Rapids, Wis. Portable stove. 2,105,340; Jan. 11.
- Yeager, Anton J., assignor to Prentiss-Wabers Products Co., Wisconsin Rapids, Wis. Lamp. 2,135,689; Nov. 8.
- Yeager, Frank W., Grantwood, N. J., assignor to The Barrett Company, New York, N. Y. Process and apparatus for applying shields to pipes. 2,110,565; Mar. 8.
- Yeager, Milburn E., West Somerville, Mass., assignor to National Engineering Manufacturing Company. Underfeed stoker equipment. 2,139,144; Dec. 6.
- Yeater, Joseph J., et al. (See Baker, Lewis B., assignor.)
- Yeats, Thomas W., Long Beach, Calif. Hand truck. 2,113,780; Apr. 12.
- Yecny, Stanley V., near Chowchilla, Calif. Fruit turning device. 2,111,163; Mar. 15.
- Yeider, Harry A., Grand Rapids, Mich., assignor to Automatic Instrument Company. Graphophone or sound reproducing instrument. 2,118,541; May 24.
- Yellow Truck and Coach Manufacturing Company. (See Flogaus, Howard A., assignor.)
- Yellow Truck and Coach Manufacturing Company. (See Kelley, Oliver K., assignor.)
- Yellow Truck and Coach Manufacturing Company. (See Strong, W. P., and Austin, assignors.)
- Yensen, Trygve D., and S. L. Burgwin, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat treating magnetic material. 2,140,374; Dec. 13.
- Yeo, Edward J. (See McElroy, J. H., Yeo, and Binder.)
- Yeomans, Lucien I., Inc. (See Wachs, Theodore, assignor.)
- Yerges Manufacturing Company, The. (See Kreilick, L. W., and Taylor, assignors.)
- Yerkes, Gabrielle M. P., Hartsdale, assignor to G. M. Poix, Inc., New York, N. Y. Brassiere. 2,134,294; Oct. 25.
- Yerkes, John A., Beverly Hills, Calif. Tool holding and sharpening device. 2,114,757; Apr. 19.
- Yerkey, Alvy C., Maywood, Ill. Casting machine. 2,135,245; Nov. 1.
- Yettnier, Bernard, San Francisco, Calif. Welder's headgear. 2,122,923; July 5.
- Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Electrical control system for locomotives. 2,113,207; Apr. 5.
- Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Vacuum steam cooling system. 2,115,660; Apr. 26.
- Yirava, Charles R., Cleveland, Ohio. Portable dispensing apparatus. 2,109,259; Feb. 22.
- Yokum, Guy D., Sturgeon Bay, Wis. Tire chain. 2,125,598; Aug. 2.
- Yochem, Donald E., Columbus, Ohio. Apparatus for washing dishes, silverware, and the like. 2,137,971; Nov. 22.
- Yocum, Wilbur E., Chevy Chase, Md. Target. 2,135,549; Nov. 8.
- Yoder, Carl M., Lakewood, Ohio. Coiling mechanism for sheet material. 2,116,057; May 3.



- Yoder, Carl M., Lakewood, Ohio. Coil handling mechanism. 2,139,873; Dec. 13.
- Yoder, Charles B., Burbank, Calif. Single or tandem compound cylinder and automatic valve means to control the same. 2,112,429; Mar. 29.
- Yoder, Howard D., assignor to Penberthy Injector Company, Detroit, Mich. Vacuum or siphon breaker. 2,117,389; May 17.
- Yoe, Alphas O., Talladega, Ala., assignor to G. P. Kimmel, Brookeville, Md. Adjustable bridge for bifocal lenses. Re. 20,732; May 17.
- Yokoyama, Ko, Tokyo, Japan. Cylindrical foundation tube. 2,129,978; Sept. 13.
- Yokum, John C., Oakland, Calif. Restraining device. 2,139,710; Dec. 13.
- Yolles, Jacob. (See Jones, L. L., and Yolles.)
- Yolles, Jacob, Bronx, assignor to Radio Corporation of America, New York, N. Y. Volume control device. 2,137,435; Nov. 22.
- Yon, Pietro A., New York, N. Y. Game. 2,122,505; July 5.
- Yonkers, Edward H. (See Durkee, J. D., and Yonkers.)
- Yonkers, Edward H., Jr., Chicago, Ill. Amplifier tube. 2,107,811; Feb. 8.
- Yonkers, Edward H., Jr., Chicago, Ill. Negative resistance. 2,138,896; Dec. 6.
- Yonkers, John L., Evanston, Ill. Recording process and system. 2,141,964; Dec. 27.
- York, Archibold N., Geneva, assignor to American Can Company, New York, N. Y. Can closing machine. 2,133,315; Oct. 18.
- York Bar Bell Company. (See Venables, James G., assignor.)
- York Ice Machinery Corporation. (See Aldinger, Jacob G., assignor.)
- York Ice Machinery Corporation. (See Bergdoll, John G., assignor.)
- York Ice Machinery Corporation. (See Light, Albert T., assignor.)
- York Ice Machinery Corporation. (See Neubauer, Emil T., assignor.)
- York Ice Machinery Corporation. (See Newton, Alwin B., assignor.)
- York Ice Machinery Corporation. (See Raver, Francis M., assignor.)
- York, Jean P. (See Lippert, L. H., and York.)
- York, Ralph, Brooklyn, N. Y. Airflow garment. 2,114,514; Apr. 19.
- York, Victor, Whittier, Calif. Tubing catcher. 2,127,900; Aug. 23.
- Yorke, James R. (See Hale, F. C., and Yorke.)
- Yorktown Electric Roaster Manufacturing Corporation. (See Behr, H. C. A., and Eck, assignors.)
- Yorston, James. (See Harley, H. H., and Yorston.)
- Yosemite Portland Cement Corporation. (See Larmour, H. M., and Pierce, assignors.)
- Yosemite Portland Cement Corporation. (See McCannless, W. A., and Henderson, assignors.)
- Yoshimura, Teiji. (See Mizuta, M., and Yoshimura.)
- Yoshinaka, Seichi, Mesa, Wash. Adjustable oil burner for gardens and orchards. 2,124,328; July 19.
- Yoss, Emanuel. (See Crawford, W. M., and Yoss.)
- Yost, Clyde E., and E. B. Morgan, assignors to American Seating Company, Grand Rapids, Mich. Seat structure. 2,113,103; Apr. 6.
- Yost, Irvine A. (See Jacobi, W. H., and Yost.)
- Yost, Irvine A., Lakewood, Ohio, and W. H. Jacobi, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling and ventilating system for searchlights. 2,137,103; Nov. 15.
- Yost, Irvine A., Lakewood, Ohio, and W. H. Jacobi, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Searchlight. 2,134,847; Nov. 1.
- Yost, Lloyd A., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Take-up device for telephone switchboard cords. 2,110,433; Mar. 8.
- Yost, Samuel H. (See Levin, N. D., and Yost.)
- Yotta, Jean R., Los Angeles, Calif. Boring head. 2,120,638; June 14.
- Youden, William J. (See Hartzell, A., Wilcoxon, and Youden.)
- Youell, James E. (See Stanley, H. M., and Youell.)
- Youell, James E. (See Stanley, H. M., Youell, and Minkoff.)
- Youker, Malcolm P., Bartlesville, Okla. Combined circulating and ventilating fan assembly. 2,119,935; June 7.
- Youker, Malcolm P., Bartlesville, Okla. Window shade. 2,123,128; July 6.
- Youker, Malcolm P., Bartlesville, Okla. Combined circulating and ventilating fan assembly. 2,130,060; Sept. 20.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Recovering hydrocarbon liquids from volatile hydrocarbon gases and vapors. Re. 20,730; May 17.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Combining hydrocarbon gases with hydrocarbon liquids. 2,104,283; Jan. 4.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Fractionally distilling hydrocarbon liquids. 2,123,821; July 12.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Hydrocarbon fluid conversion process. 2,132,453; Oct. 11.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Manufacturing motor fuels. 2,133,070; Oct. 11.
- Youker, Malcolm P., Tulsa, assignor to Phillips Petroleum Company, Bartlesville, Okla. Vacuum distillation process. 2,125,325; Aug. 2.
- Youmans, Edward D., Clifton, assignor to The Okonite Company, Passaic, N. J. Insulated wire or cable for the transmission of electrical energy. 2,124,993; July 26.
- Young, Albert A. (See Slack, A. D., and Young.)
- Young, Alfred H., West Hartford, Conn. Drawing board and the like. 2,107,049; Feb. 1.
- Young, Almon P. (See Seeber, R. R., Thresher, and Young.)
- Young, Arthur C., Milwaukee, and A. J. Jorgensen, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Oil baffle arrangement for gyratory crushers. 2,134,903; Nov. 1.
- Young, Brothers, Inc. (See Young, Everett F., assignor.)
- Young, Bruce A., assignor to R. R. Donnelley & Sons Co., Chicago, Ill. Preventing offset. 2,114,792; Apr. 19.
- Young, Carl I., Denver, Colo. Automatic time valve. 2,121,274; June 21.
- Young, Cecil T., San Francisco, Calif., and C. V. Brady, Webster Groves, assignors to Bemis Bro. Bag Co., St. Louis, Mo. Bag holder. 2,126,163; Aug. 9.
- Young, Charles A., Springfield, Ohio. Gun. 2,127,318; Aug. 16.
- Young, Charles A., Gloucester, Mass. Sachet compressor. 2,140,661; Dec. 20.
- Young, Charles D., Haverford, assignor to Kellett Autogiro Corporation, Philadelphia, Pa. Streamer adapted for towing by aircraft. 2,112,204; Mar. 22.
- Young, Charles H. (See White, B. B., and Young.)
- Young, Charles J., Haverford, Pa., assignor to Radio Corporation of America. Apparatus for facsimile recording. 2,104,109; Jan. 4.
- Young, Charles J., Haverford, Pa., assignor to Radio Corporation of America. Synchronous motor speed control means. 2,113,165; Apr. 5.
- Young, Charles J., Haverford, Pa., assignor to Radio Corporation of America. Sound recording and reproducing system. 2,113,226; Apr. 5.
- Young, Charles J., Haverford, Pa., assignor to Radio Corporation of America. Radio system. 2,113,419; Apr. 5.
- Young, Charles J., Haverford, Pa., assignor to Radio Corporation of America. Electrical conversion system. 2,117,587; May 17.
- Young, Curley. (See Milton, J. K., and Young.)
- Young, Daniel J., assignor to Young-Whitwell Gas Process Company, Tacoma, Wash. Sulphate pulp process. 2,115,835; May 3.
- Young, D'Arcy A., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter control. 2,126,302; Aug. 9.
- Young, D'Arcy A., Jr., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Mount for transparencies. 2,132,670; Oct. 11.
- Young, David H. (See Margulies, J., and Young.)
- Young, David H., Willimansett, Mass. Guard or protective device for trees or hydrants. 2,121,379; June 21.
- Young, Douglass A. (See Stickney, F. S., and Young.)
- Young, Douglass A., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed regulating system. 2,137,071; Nov. 15.
- Young, Douglass A., East Orange, and P. MacGahan, Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Detachable mounting for instruments. 2,128,277; Aug. 30.
- Young, Dubois, et al. (See Nelson, Emil A., assignor.)
- Young, Earle L., Bayside, assignor to Laminated Shim Co., Inc., Long Island City, N. Y. Laminated shim. 2,124,866; July 26.
- Young, Emil O., Cleveland, Ohio. Damper control unit. 2,130,476; Sept. 20.
- Young Engineering Laboratories, Inc. (See Young, Senatus H. A., assignor.)
- Young, Essel G., Detroit, Mich. Dough pressing machine. 2,109,124; Feb. 22.
- Young, Eugene B., Medford, Mass. Shoulder-strap holder. 2,135,020; Nov. 1.
- Young, Everett F., assignor to Young Brothers, Inc., Providence, R. I. Display holder. 2,120,824; June 14.
- Young, Ferdinand H., Lake Bluff, and H. D. Robinson, assignors to Abbott Laboratories, North Chicago, Ill. Obtaining vitamin containing oils. 2,136,481; Nov. 13.
- Young, Frank A. (See Steck, James M., assignor.)
- Young, Frank W. (See Draper, W. V., and Young.)
- Young, Fred M., Racine, Wis. Air cooling device for compressors. 2,108,223; Feb. 15.
- Young, Fred M., Racine, Wis. Refrigerator car. 2,137,555; Nov. 22.
- Young, Fred M., Racine, Wis., assignor of one-half to S. R. Lorraine, Glendale, Calif. Oil filter. 2,137,559; Nov. 22.
- Young, George H. (See Johnson, A. W., and Young.)
- Young, Graeme E., Deerfield, Ill. Stage construction for theaters and the like. 2,130,833; Nov. 15.



- Young, Harland H., Jr., assignor to Industrial Patents Corporation, Chicago, Ill. Defoaming method and means. 2,108,912; Feb. 22.
- Young, Harold M., et al. (See Hartman, Thomas L., assignor.)
- Young, Harvey L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Shrinkage conveyor for rubber strips. 2,114,758; Apr. 19.
- Young, Henry S. (See Dodd, A. E., and Young.)
- Young, Henry S. (See McCann, R. A., and Young.)
- Young, Henry S., Wilkensburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,104,601; Jan. 4.
- Young, Henry S., Wilkensburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,117,128; May 10.
- Young, Henry S., Wilkensburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,141,074; Dec. 20.
- Young, Howard J., River Forest, assignor to The Powers Regulator Company, Chicago, Ill. Shower mixer. 2,122,600; July 5.
- Young, Hugh E., Chicago, Ill. Remote control indicator. 2,131,084; Sept. 27.
- Young Iron Works. (See Hansen, A. E., and Spiering, assignors.)
- Young, James H., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent glass colors. 2,130,215; Sept. 13.
- Young, James H., assignor to H. H. Robertson Company, Pittsburgh, Pa. Composite floor for buildings and like structures. 2,131,652; Sept. 27.
- Young, James H., and J. W. Wiesmann, assignors to H. H. Robertson Company, Pittsburgh, Pa. Cross-over duct for multicellular structures. 2,125,366; Aug. 2.
- Young, James R., Ann Arbor, assignor to Barnes-Gibson-Raymond, Inc., Detroit, Mich. Radio dial knob. 2,117,074; May 10.
- Young, James W., Des Moines, Iowa. Valve control means for collapsible material-holding tubes. 2,124,841; July 26.
- Young, John, Toledo, Ohio. Electrically actuated tool. 2,129,899; Sept. 13.
- Young, John L., Pittsburgh, and A. C. Jephson, Johnstown, Pa., assignors to National Radiator Corporation. Producing a deep drawn article of sheet iron. 2,128,389; Aug. 30.
- Young, John W., Jamaica, N. Y. Loose leaf binder. 2,139,480; Dec. 6.
- Young, L. A. (See Oldham, John M., assignor.)
- Young, L. A., Spring & Wire Corporation. (See Hellman, B., and Peck, assignors.)
- Young, L. A., Spring and Wire Corporation. (See Koliba, Thomas, assignor.)
- Young, L. A., Spring and Wire Corporation. (See Stackhouse, George A., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Stewart, Theodore D., assignor.)
- Young, Lawrence R., Seattle, Wash. Disappearing wall cabinet board. 2,108,044; Jan. 18.
- Young, Lee E. (See Raymond, G., and Young.)
- Young, Leonard A. (See Oldham, John M., assignor.)
- Young, Leonard A., Detroit, Mich. Shaft for golf clubs and the like. 2,117,129; May 10.
- Young, Lewis F., Ketchikan, Alaska. Transformer thermal protector. 2,110,639; Mar. 8.
- Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. Temperature control device. 2,122,768; July 5.
- Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. Temperature control device. 2,129,484; Sept. 6.
- Young, Lloyd L., and J. L. Finch, Patchogue, N. Y., assignors to Radio Corporation of America. Crystal heater and regulator. 2,109,874; Mar. 1.
- Young, Lloyd W., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Torch. 2,138,800; Nov. 29.
- Young, Lloyd W., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Centrifugal switch. 2,138,801; Nov. 29.
- Young, Michael J., North Bergen, N. J. Child's vehicle. 2,125,976; Aug. 9.
- Young, Otis L., Pampa, Tex. Safety net. 2,123,268; July 12.
- Young, Pearl N. (See Willis, Willis L., and Young.)
- Young, Philip L., Westfield, and P. J. Wlezevich, Elizabeth, N. J., now, by judicial change of name, to P. J. Gaylor, assignors to Standard Oil Development Company. Extracting perfume materials unstable to heat. 2,106,200; Jan. 25.
- Young Radiator Company. (See Folsom, Robert H., assignor.)
- Young Radiator Company. (See Witzel, Ernst, assignor.)
- Young, Randall B., Akron, Ohio. Garment clasp. 2,138,673; Nov. 29.
- Young, Raymond E., assignor to Whiting Corporation, Harvey, Ill. Fuel feed for stokers and the like. 2,127,018; Aug. 16.
- Young, Raymond W. (See Higbie, V., and Young.)
- Young, Rex, Grandfield, assignor to M. G. Cohen, Tulsa, Okla. Hydrocarbon conversion process. 2,111,717; Mar. 22.
- Young, Rex, Grandfield, assignor to M. G. Cohen, Tulsa, Okla. Hydrocarbon separating apparatus. 2,111,718; Mar. 22.
- Young, Royal A., Walsh, Colo. Fastening device. 2,119,764; June 7.
- Young, Royal A., Walsh, Colo. Sign. 2,121,898; June 28.
- Young, Royal A., Walsh, Colo. Fastening device. 2,139,145; Dec. 6.
- Young, Russell, et al. (See Petty, William S., assignor.)
- Young, Serenus H. A., St. Paul, assignor to Young Engineering Laboratories, Inc., Minneapolis, Minn. Non-metallic bottle cap and making and applying the same. 2,141,833; Dec. 27.
- Young, Serenus H. A., St. Paul, assignor to Young Engineering Laboratories, Inc., Minneapolis, Minn. Non-metallic bottle cap. 2,141,834; Dec. 27.
- Young-Whitwell Gas Process Company. (See Young, Daniel J., assignor.)
- Young, William, et al. (See Petty, William S., assignor.)
- Young, William. (See Taylor, J., and Young.)
- Young, William, Washington, D. C. Door securing mechanism. 2,140,570; Dec. 20.
- Young, William M., assignor to Taylor Instrument Companies, Rochester, N. Y. Motor control system. 2,115,834; May 3.
- Young, William M., and L. B. Paules, Harrisburg, Pa. Pretzel machine. 2,114,951; Apr. 19.
- Young, William R., Fairfield, Conn., assignor to General Electric Company. Electrical connector. 2,139,535; Dec. 6.
- Young, William W., Cartersville, Ga. Cotton cultivator. 2,120,915; June 14.
- Young, Wilson T. (See Hall, A., and Young.)
- Youngberg, Walter K., Meriden, Conn. Shoe sole. 2,126,077; Aug. 9.
- Youngblood, David F., assignor to Southern Steel Company, San Antonio, Tex. Liquefied gas storage and dispensing system. 2,142,065; Dec. 27.
- Youngblood, Don C. (See Ernst, W., and Youngblood.)
- Youngblood, Don C. (See MacMillin, H. F., and Youngblood.)
- Youngblood, James A., Dallas, Tex. Operating mechanism for doors. 2,125,142; July 26.
- Younger, John E., Berkeley, Calif. Dampening device. 2,124,098; July 19.
- Younghusband, James L., Chicago, Ill. Vanity case. 2,125,040; July 26.
- Younghusband, James L., Chicago, Ill. Vanity case. 2,141,327; Dec. 27.
- Younghusband, James L., Chicago, Ill. Vanity case. 2,141,328; Dec. 27.
- Youngman, Robert T., Aldershot, England. Mechanism for actuating the control surfaces of aircraft. 2,138,753; Nov. 29.
- Youngtown Sheet & Tube Company, The. (See Mirfield, George E., assignor.)
- Youngtown Steel Car Corporation. (See Wilkoff, L. C., and Smith, assignors.)
- Youngtown Steel Door Company, The. (See Beauchamp, Wilfred A., assignor.)
- Youngtown Steel Door Company, The. (See Ditchfield, Frank, assignor.)
- Youngtown Steel Door Company, The. (See Kwake, Joseph A., assignor.)
- Youngtown Steel Door Company, The. (See Madland, Gabriel, assignor.)
- Youngtown Steel Door Company, The. (See Williamson, Clarence H., assignor.)
- Younie, Lewis E., assignor to Electric Steel Foundry Company, Portland, Oreg. Excavating tooth. 2,113,420; Apr. 5.
- Younie, Lewis E., assignor to Electric Steel Foundry Company, Portland, Oreg. Dredge bucket. 2,114,129; Apr. 12.
- Yount, Willis H., Oakland, Calif., assignor to American Tractor Equipment Corporation. Earth moving device. 2,107,120; Feb. 1.
- Yount, Willis H., Oakland, Calif., assignor to American Tractor Equipment Corporation. Hoist. 2,138,824; Dec. 6.
- Yourkevitch, Vladimir, Paris, France. Ship's stern. 2,127,475; Aug. 16.
- Yox, George J., et al. (See Bialy, Andrew, assignor.)
- Yoxall, Joseph, Deganwy, North Wales, assignor to Propello Inventions Limited, London, England. Variable speed gearing. 2,135,246; Nov. 1.
- Ysskin, Herman, Newark, N. J. Coupling. 2,104,920; Jan. 11.
- Yu, Chan Ting, also known as T. Y. Chan, North Point, China. Electric battery lamp. 2,107,599; Feb. 8.
- Yumont, Charles J., Jamaica Plain, Mass. Collar button inserter. 2,115,545; Apr. 26.
- Yundt, Michael, Company. (See Perkins, Frank P., assignor.)
- Yung, William F., Kinsley, Kans. Sanding and polishing attachment for lathes. 2,120,880; June 14.
- Yurkovich, Anton M., Cleveland, Ohio. Auto window screen. 2,109,160; Feb. 22.
- Z-Plex Piston Ring Corporation. (See Zahodiakin, Victor F., assignor.)
- Z Pack Corporation. (See Zarotschenzeff, Mikail T., assignor.)
- Z Pack Corporation. (See Zarotschenzeff, Vladimir M., assignor.)



- Zabel, Jacob, Newark, N. J. Dehairing machine. 2,120,793; June 14.
- Zabel, Jacob, Newark, N. J. Attachment for unhairing machinery. 2,120,847; June 14.
- Zabel, Roland M., Lynnfield, assignor to Hygrade Sylvania Corporation, Salem, Mass. Contactor base for lamps, tubes, and the like. 2,141,146; Dec. 20.
- Zachariassen, Arne, and M. E. Petersen, Copenhagen, Denmark. Apparatus for measuring or delivering liquids or gases. 2,116,296; May 3.
- Zachary, Edgar L., Central Falls, N. C., assignor to Draper Corporation, Hopedale, Mass. Movable reed mechanism. 2,111,083; Mar. 15.
- Zackerson, Victor E. (See Christensen, H. D., La Rue, and Zackerson.)
- Zadek, Arthur, New York, N. Y. Child's spoon with whistle in handle. 2,126,858; Aug. 16.
- Zadek, Milton, assignor to Reflector Hardware Corporation, Chicago, Ill. Holder for partitions and the like. 2,125,747; Aug. 2.
- Zademach, Erich R., Elizabeth, N. J., assignor to Metalwash Machinery Company, New York, N. Y. Swinging nozzle. 2,137,104; Nov. 15.
- Zadig, Ernest A., New York, N. Y. Device for testing automobile brakes. 2,119,145; May 31.
- Zaebst, Oran C., assignor of forty-two and one-half per cent to J. Vanderkamp, and seven and one-half per cent to G. V. Schubel and S. Chadwick, Newark, N. J. Tooth brush. 2,130,661; Sept. 20.
- Zaeckel, Johann H., Lubeck, Germany. Motor control system. 2,119,065; May 31.
- Zaengle, George J., Kenmore, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,124,223; July 19.
- Zagelmeyer Auto Camp Company. (See Zagelmeyer, Frank, assignor.)
- Zagelmeyer, Frank, Bay City, Mich. Surge brake coupler. 2,113,262; Apr. 5.
- Zagelmeyer, Frank, Bay City, Mich. Coupling. 2,125,479; Aug. 2.
- Zagelmeyer, Frank, assignor to Zagelmeyer Auto Camp Company, Bay City, Mich. Trailer coupling. 2,104,576; Jan. 4.
- Zagora, Joseph, Charlotte, N. C. Support. 2,115,898; May 3.
- Zagorski, Johann, Vienna, Austria. Annular valve seat. 2,121,464; June 21.
- Zagrzejewski, Stanley, Chicago, Ill. Door lock. 2,124,099; July 19.
- Zahm, Edward and G. G., assignors to Zahm & Nagel Co. Inc., Buffalo, N. Y. Method and apparatus for carbonating beverages. 2,116,939; May 10.
- Zahm, George G. (See Zahm, Edward and G. G.)
- Zahm, Joseph D., assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,104,687; Jan. 4.
- Zahm & Nagel Co. Inc. (See Zahm, Edward and G. G., assignors.)
- Zahn & Co. G. m. b. H. (See Barkholt, Hans, assignor.)
- Zahn, Erich H. (See Prange, C. H., and Zahn.)
- Zahn, Erich H., Port Washington, assignor to Austenal Laboratories, Inc., New York, N. Y. Denture mounting. 2,120,827; June 14.
- Zahn, Erwin A., Scotia, N. Y., assignor to General Electric Company. Viscosity cup. 2,141,329; Dec. 27.
- Zahn, Karl, and K. Schimmelsmidt, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Substitution products of diphenyleneoxide and preparing them. 2,121,331; June 21.
- Zahn, Lawrence J., Long Island City, assignor to The International Postal Supply Company, Brooklyn, N. Y. Separator for canceling machines. 2,104,630; Jan. 4.
- Zahn, Otto E., West Bend, Wis. Meat-tenderizing machine. 2,128,872; Aug. 30.
- Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See Molly, Hans, assignor.)
- Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See von Thüngen, Hubert F., assignor.)
- Zahodlak, Victor E., New York, N. Y. Internal combustion engine. 2,118,450; May 24.
- Zahodlak, Victor E., New York, N. Y. Nondetonating engine. 2,120,344; June 14.
- Zahodlak, Victor E., New York, N. Y. Air insulated valve and guide for internal combustion engines. 2,124,362; July 19.
- Zahodlak, Victor E., assignor to The Z-Flex Piston Ring Corporation, New York, N. Y. Piston ring expander. 2,111,258; Mar. 15.
- Zahodlak, Victor E., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator. 2,131,680; Sept. 27.
- Zahrndnik, Eustach, Vienna, Austria. Reclosable automobile overload cut-out. 2,127,319; Aug. 16.
- Zaidan Hefin Rikagaku Kenkyujo. (See Shimizu, Takeo, assignor.)
- Zaiger, Louis, Lynn, Mass. Fan. 2,107,136; Feb. 1.
- Zaiger, Louis, Lynn, Mass. Windshield wiper blade. 2,120,587; June 14.
- Zaiger, Louis, Lynn, Mass. Fan. 2,123,763; July 12.
- Zaiger, Max, Lynn, Mass. Steering wheel. 2,112,057; Mar. 22.
- Zajack, Frank, New York, N. Y. Instrument for curling the lashes of an eye. 2,109,244; Feb. 22.
- Zalkind, Philip, Bronx, N. Y. Container. 2,118,011; May 17.
- Zalkind, Philip, New York, N. Y. Container. 2,123,341; Aug. 30.
- Zalkind, Philip, New York, N. Y. Container. 2,128,342; Aug. 30.
- Zalkind, Philip, New York, N. Y. Handle for drawers. 2,135,021; Nov. 1.
- Zamborsky, Andrew M., Cleveland, Ohio. Fishing device. 2,106,045; Jan. 18.
- Zampino, Daniel, et al. (See Kornsweet, Samuel A., assignor.)
- Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Airplane door construction. 2,104,144; Jan. 4.
- Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Noise reducing means for cabin aircraft. 2,122,447; July 5.
- Zane, Edward, assignor to Union Railway Equipment Company, Chicago, Ill. Well trap drain for refrigerator cars. 2,110,927; Mar. 15.
- Zane, Edward, assignor to Union Railway Equipment Company, Chicago, Ill. Refrigerator car ice basket. 2,139,536; Dec. 6.
- Zängl, Karl, Munich, Germany. Device for vulcanizing pneumatic tires. 2,111,233; Mar. 15.
- Zanin, Joseph L., New York, N. Y. Terrazzo floor strip. 2,120,725; June 14.
- Zaninovich, George, Dinuba, Calif. Door locking bar. 2,130,216; Sept. 13.
- Zanzig, Frank C. (See Buettner, R. J., Found, Muntner, Neltz, and Zanzig.)
- Zap Development Corporation. (See Zaparka, Edward F., assignor.)
- Zaparka, Edward F., assignor to Zap Development Corporation, Baltimore, Md. Airfoil. 2,113,910; Apr. 12.
- Zaparka, Edward F., assignor to Zap Development Corporation, Baltimore, Md. Flap. 2,115,225; Apr. 26.
- Zaparka, Edward F., assignor to Zap Development Corporation, Baltimore, Md. Flap construction. 2,119,089; May 31.
- Zaparka, Edward F., assignor to Zap Development Corporation, Baltimore, Md. Simplified flap operating means. 2,119,305; May 31.
- Zapf, John A. (See Schultz, J. A., Jr., and Zapf.)
- Zarafu, Herman, New York, N. Y., assignor to Elevator Supplies Company, Incorporated, Hoboken, N. J. Tapping head for winding apparatus. 2,134,994; Nov. 1.
- Zarafu, Herman, West New York, assignor to Elevator Supplies Company, Incorporated, Hoboken, N. J. Wire spooling apparatus and tension varying element. 2,140,728; Dec. 20.
- Zareko, Walter, New York, N. Y. Ink stamp pad. 2,117,470; May 17.
- Zarlatti, Fausto. (See Hocke, E., and Zarlatti.)
- Zarotschenzeff, Mikail T., Rochester, N. Y., assignor, by mesne assignments, to Z Pack Corporation, Jersey City, N. J. Apparatus for refrigeration. 2,131,131; Sept. 27.
- Zarotschenzeff, Mikail T., New York, N. Y., assignor to Z Pack Corporation. Preserving full dressed poultry. 2,134,295; Oct. 25.
- Zarotschenzeff, Mikail T., New York, N. Y., assignor to Z Pack Corporation. Freezing with fruit juices. 2,140,043; Dec. 13.
- Zarotschenzeff, Wladimir M., Englewood, assignor to Z Pack Corporation, Jersey City, N. J. Method and apparatus for freezing vegetables and fruits. 2,116,738; May 10.
- Zart, Arthur R., Wuppertal-Barmen, and A. Maxton, Kassel-Bettenhausen, Germany, assignors to North American Rayon Corporation, New York, N. Y. Manufacture of artificial silk. 2,111,602; Mar. 15.
- Zaucker, Ewald. (See Orthner, L., and Zaucker.)
- Zavka, Mario, Terni, Italy, assignor to Ammonia Casale Societa Anonima, Lugano, Massagno, Switzerland. Device for operating internal combustion engines with mixtures of ammonia, hydrogen, and nitrogen prepared from ammonia. 2,140,254; Dec. 13.
- Zayotti, Attilio H., Palmyra, N. J., and E. R. Reber, Philadelphia, Pa. Blanket. 2,135,779; Nov. 8.
- Zbarsky, Sam, Brooklyn, N. Y. Brush for Venetian blinds. 2,134,965; Nov. 1.
- Zbock, John, Bellaire, Ohio. Curtain-rod holder. 2,135,159; Nov. 1.
- Zebulsky, Edward A., North Tonawanda, N. Y. Amusement device. 2,124,939; July 24.
- Zecher, Gustav. (See Addink, N. W. H., de Boer, Alphen, and Zecher.)
- Zeh, Martin, Friedmann, Berlin, Germany, assignor to General Electric Company. Tone arm for electric phonographs. Re. 20,625; Jan. 18.
- Zeh, Walter. (See Diesterle, W., and Zeh.)
- Zeh, Walter, Dessau in Anhalt, Germany, assignor to Agfa Anseo Corporation, Binghamton, N. Y. Sensitizing of silver-halide emulsions. 2,104,061; Jan. 4.
- Zeh, Walter, Dessau in Anhalt, Germany, assignor to Agfa Anseo Corporation, Binghamton, N. Y. Making heptamethine dyes. 2,131,861; Oct. 4.
- Zeh, Walter, Dessau in Anhalt, Germany, assignor to Agfa Anseo Corporation, Binghamton, N. Y. Making pentamethine cyanine dyes. 2,131,865; Oct. 4.
- Zeh, Walter, Dessau in Anhalt, A. Sieglitz, Frankfurt on the Main-Sindlingen, and M. Dablow, Frankfurt on the Main-Hochst, Germany, assignors to Agfa Anseo Corporation, Binghamton, N. Y. Sensitizing photographic emulsion. 2,124,078; Aug. 9.



- Zehetmayr, Anton. (See Petersen, I., and Zehetmayr.)  
 Zehner, William H., assignor to The F. E. Myers & Bro. Co., Ashland, Ohio. Grapple fork lock and head. 2,135,930; Nov. 8.  
 Zeidler, Ernst, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Nose cap. 2,110,387; Mar. 8.  
 Zeidler, Kurt E., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor rack for refrigerator cars. 2,139,056; Dec. 6.  
 Zeidler, William A., Sr., New York, N. Y. Device for dispensing table implements. 2,110,189; Mar. 8.  
 Zeier, Frederick F., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Machine for closing and positioning springs in pockets. 2,113,457; Apr. 5.  
 Zeigler, Jacob B. (See Zeigler, Kenneth O. and J. B.)  
 Zeigler, Kenneth O. and J. B., Salem Ohio. Brolling apparatus. 2,109,079; Feb. 22.  
 Zeilman, Roy H., assignor to Thew Shovel Company, Lorain, Ohio. Boom. 2,110,753; Mar. 8.  
 Zeilman, Roy H., assignor to The Thew Shovel Company, Lorain, Ohio. Semitrailer crane. 2,126,597; Aug. 9.  
 Zeisberg, Fred C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovering sulphuric acid from hot gas mixtures containing sulphur oxides. 2,125,143; July 26.  
 Zeiss, Carl. (See Bauersfeld, Walther, assignor.)  
 Zeiss, Carl. (See Franke, Erich, assignor.)  
 Zeiss, Carl. (See Huber, Sylvester, assignor.)  
 Zeiss, Carl. (See Kern, Wilhelm, assignor.)  
 Zeiss, Carl. (See Krieg, W. K., and Scheller.)  
 Zeiss, Carl. (See Merté, Willy, assignor.)  
 Zeiss, Carl. (See Papello, Karl, assignor.)  
 Zeiss, Carl. (See Sonnefeld, August, assignor.)  
 Zeiss, Carl. (See von Gruber, Otto, assignor.)  
 Zeiss, Carl, The firm. (See Burckhardt, Max, assignor.)  
 Zeiss, Carl, The firm. (See Herrmann, Carl, assignor.)  
 Zeiss, Carl, The firm. (See Huber, Sylvester, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Bertele, Ludwig, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Clamann, Gerhard, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Dautzenberg, Paul, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Frötschner, Hellmuth, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Görlich, Paul, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Görlich, P., Görisch, and Pistor, assignors.)  
 Zeiss Ikon Aktiengesellschaft. (See Ilgen, Hans, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Joachim, Hermann, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Küppenbender, Heinz, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Nerwin, Hubert, assignor.)  
 Zeiss Ikon Aktiengesellschaft. (See Scheiber, F., and Wolf, assignors.)  
 Zeissl, Ignaz, Vienna, Austria. Engine with radially arranged working cylinders and piston scavenging pumps. 2,123,325; July 12.  
 Zeleznoff, Philip, Philadelphia, Pa. Whipping top. 2,105,994; Jan. 18.  
 Zelger, Georges E., Montreuil-sous-Bois, Seine, France, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparation of vinyl derivatives. 2,130,451; Sept. 20.  
 Zell, David H., Brooklyn, N. Y. Indicator container. 2,105,065; Jan. 11.  
 Zell, David H., Brooklyn, N. Y. Indicator container. 2,105,066; Jan. 11.  
 Zell, David H., Brooklyn, N. Y. Coin bank. 2,137,885; Nov. 22.  
 Zell, David H., Brooklyn, N. Y. Compact. 2,137,886; Nov. 22.  
 Zeller, John E. (See Grigg, A. F., and Zeller.)  
 Zellerbach Paper Company. (See Hunt, F. C., and McGrath, assignors.)  
 Zellerbach Paper Company. (See McGrath, Leigh J., assignor.)  
 Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigerating apparatus. 2,107,319; Feb. 8.  
 Zellhoefer, Glenn F., Bloomington, Ill. Refrigeration. 2,107,320; Feb. 8.  
 Zellhoefer, Glenn F., Bloomington, Ill. Preparation of diethers of tetraethylene glycol. 2,111,234; Mar. 15.  
 Zellhoefer, Glen F., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Refrigerating apparatus. 2,127,101; Aug. 16.  
 Zellhoefer, Glenn F., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Refrigeration. 2,138,777; Nov. 29.  
 Zellner, H. Grady. (See Ulrey, David G., assignor.)  
 Zellstofffabrik Waldhof. (See Brune, Otto, assignor.)  
 Zellstofffabrik Waldhof. (See Freitag, Friedrich, assignor.)  
 Zellstofffabrik Waldhof. (See Haas, Rudolf, assignor.)  
 Zellstofffabrik Waldhof. (See Noll, August, assignor.)  
 Zelow, Victor I., Rosemont, Pa. Electric lamp. 2,114,826; Apr. 19.  
 Zeman, Antoinette W., Cleveland, Ohio. Support for ashtrays. 2,140,612; Dec. 20.  
 Zeman, Paul, New York, N. Y. Folding ladder. 2,127,949; Aug. 23.  
 Zemba, John W. (See Coleman, G. H., and Zemba.)  
 Zemba, Margaret, Berwyn, assignor to Carson, Pirie, Scott & Company, Chicago, Ill. Garment hanger. 2,112,947; Apr. 5.  
 Zendegeul, Joseph G. (See Caraballo, M., and Zendegeul.)  
 Zender, Justin. (See Wallach, R. N., and Zender.)  
 Zender, Justin, Chauncey, assignor to Stauffer Chemical Company, New York, N. Y. Production of citric acid. 2,121,064; June 21.  
 Zender, Raymond G., assignor to Lenz Electric Manufacturing Co., Chicago, Ill. Wire covering for high frequency circuits. 2,120,306; June 14.  
 Zenith Carburetor Company. (See Black, Jay T., assignor.)  
 Zenith Carburetor Company. (See Crawford, M. O., and Heftler, assignors.)  
 Zenith Carburetor Company. (See Heftler, Victor R., assignor.)  
 Zenith Radio Corporation. (See Stone, John M., assignor.)  
 Zenlea, Benjamin J., Ozone Park, assignor to Rockwood & Co., Brooklyn, N. Y. Treatment of cocoa products. 2,118,129; May 24.  
 Zenner, Raymond E., Brookfield, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,104,110; Jan. 4.  
 Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Tape actuating device. Re. 20,626; Jan. 18.  
 Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Start-stop regenerative repeater. 2,104,251; Jan. 4.  
 Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Telegraph system. 2,116,549; May 10.  
 Zenner, Walter J., Des Plaines, and S. Janiszewski, assignors to Teletype Corporation, Chicago, Ill. Start-stop regenerative repeater. 2,105,173; Jan. 11.  
 Zeppler, Erich, Chelmsford, England, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic volume control circuit. 2,129,078; Sept. 6.  
 Zerbe, Frederick K., Waukesha, assignor to A. O. Smith Corporation, Milwaukee, Wis. Making a welded spherical vessel. 2,118,388; May 24.  
 Zerbe, Louis J., Bellefontaine, Ohio. Spring assembly. 2,126,439; Aug. 9.  
 Zerilli, Marius, South Ozone Park, assignor to H. R. Singer, Brooklyn, N. Y. Imitation cloisonné and making the same. 2,128,390; Aug. 30.  
 Zerk, Oscar U., Chicago, Ill. Spare wheel and tire cover. 2,106,586; Jan. 25.  
 Zerk, Oscar U., Chicago, Ill., assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,112,615; Mar. 29.  
 Zerk, Oscar U., Cleveland, Ohio, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Wheel. 2,123,129; July 5.  
 Zerk, Oscar U., Cleveland, Ohio, assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 2,123,130; July 5.  
 Zero Plate Corporation. (See Rutishauser, Donald E., assignor.)  
 Zervas, Paul, Cologne-Mühlheim, and P. von Lendenfeld, Leverkusen-Weisdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. O-hydroxyazo dyestuffs. 2,120,432; June 14.  
 Zerweck, Werner, and W. Kunze, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the acylaminoanthraquinone series containing a thiazolic radical and making same. 2,104,891; Jan. 11.  
 Zerweck, Werner, W. Kunze, and W. Brunner, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 4-hydroxy-naphthostyryle compounds. 2,108,879; Feb. 22.  
 Zerweck, Werner, and K. Schütz, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing compounds of the phenanthrene series. 2,109,518; Mar. 1.  
 Zerweck, Werner, and K. Schütz, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New compounds of the benzofluoranthene series. 2,109,833; Mar. 1.  
 Zerweck, Werner, Frankfurt-on-the-Main-Fechenheim, N. Steiger, Frankfurt-on-the-Main, and H. Ritter, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the diphenylamine series. 2,119,123; May 31.  
 Zerweck, Werner, and K. Schütz, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble azo dyestuffs. 2,131,866; Oct. 4.  
 Zetmeir, Emil A., Topeka, Kans. Baggage car door hanger and operating mechanism. 2,132,617; Oct. 11.  
 Zetnick, Paul F., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,122,506; July 5.  
 "Zetta" Proprietary Limited. (See Lloyd, George F., assignor.)  
 Zettler, William F., South Ozone Park, N. Y. Package handle. 2,128,723; Aug. 30.



- Zetts, Andrew, Lakewood, Ohio. Adjustable support for clotheslines and the like. 2,131,416; Sept. 27.
- Zetzsche, Walther, and E. Graumann, Premnitz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of threads from viscose. 2,105,852; Jan. 18.
- Ziebolz, Herbert, Chicago, Ill., assignor to Askania-Werke A. G. Relay. 2,132,338; Oct. 4.
- Ziebolz, Herbert, and H. J. Velten, Chicago, Ill., assignors to Askania-Werke A. G. Method of and apparatus for proportioning the flow of fluids. 2,134,745; Nov. 1.
- Ziegenbein, Wilhelm, assignor to Algemeine Elektrizitäts Gesellschaft, Berlin, Germany. Lead-in seal. 2,141,677; Dec. 27.
- Ziegler, Charles E., Pittsburgh, Pa. Funis clamp. 2,108,325; Feb. 15.
- Ziegler, Fritz. (See Waldschmidt-Leitz, E., and Ziegler.)
- Ziegler, Karl, Heidelberg, assignor to Schering A. G., Berlin, Germany. Producing substituted alkali metal amides. 2,141,058; Dec. 20.
- Ziegler, Marc. (See Tellegen, B. D. H., and Ziegler.)
- Ziegler, Ray, assignor of fifty per cent to M. H. Biederman, Miami Beach, Fla. Service tray. 2,114,460; Apr. 19.
- Ziegler, Walter, Forest Park, Ill., assignor to Ed. Roos Company, Chest. 2,131,576; Sept. 27.
- Zielech, William A., Sacramento, Calif. Beet toppler. 2,141,806; Dec. 27.
- Ziellinski, Bronislaw, Stary Bierun, High Silesia, Poland. Ignition mixtures for percussion caps of all kinds, small munitions, and primers. 2,111,719; Mar. 22.
- Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Folding display holder. 2,133,336; Oct. 18.
- Zier, Edward M., Jr., et al. (See Zier, Edward M., assignor.)
- Zier, Edward M., assignor of one-half to K. B. and E. M. Zier, Jr., New Albany, Ind. Combination wallboard and insulating material. 2,128,549; Aug. 30.
- Zier, Kozine B., et al. (See Zier, Edward M., assignor.)
- Zierahn, Georg, Berlin, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,110,690; Mar. 8.
- Zierick, Ambrose E., Fordham, N. Y. Coin sorting machine. 2,109,658; Mar. 1.
- Zierold, Arno, Floha, and K. Kortenbach, Solingen-Weyer, assignors to Kortenbach & Rauh Kommanditgesellschaft, Solingen-Weyer, Germany. Telescopic umbrella frame. 2,124,842; July 26.
- Ziganeck, Ferdinand, Detroit, Mich. Punch retainer. 2,137,557; Nov. 22.
- Zillger, Arno, Narberth, Pa., assignor to National Television Corporation, Wilmington, Del. Scanning drum construction. 2,112,390; Mar. 29.
- Zillger, Arno, Narberth, assignor to National Television Corporation, Wilmington, Del. High frequency amplifier and circuit therefor. 2,120,122; June 7.
- Zillger, Arno, Narberth, Pa., assignor to National Television Corporation, Wilmington, Del. Balanced amplifier circuit. 2,120,794; June 14.
- Zillman, Ben V. (See Mizer, George A., assignor.)
- Zim Manufacturing Company. (See Berkman, Herbert A., assignor.)
- Zima, Frank J., Geneva, Ohio. Archer's bow. 2,116,650; May 10.
- Zima, Reuben H., Minneapolis, Minn. Brake. 2,115,661; Apr. 26.
- Zimarik, Louis, assignor to The Prosperity Company Inc., Syracuse, N. Y. Laundry machine. 2,111,037; Mar. 15.
- Zimarik, Louis, assignor to The Prosperity Company Inc., Syracuse, N. Y. Laundry washing machine. 2,118,582; May 24.
- Zimbalist, William H., New York, assignor to P. H. Meyer, Mount Vernon, N. Y. Lock bracket. 2,127,280; Aug. 10.
- Zimic, Michael, Forest Hills West, and A. Miskovsky, Astoria, N. Y.; said Miskovsky assignor to said Zimic. Plating device for knitting machines. 2,139,790; Dec. 13.
- Zimka, John, Chicago, and F. Miller, Highland Park, Ill. Reverted drive automotive vehicle. 2,134,387; Oct. 25.
- Zimmer, Adolph R. (See Bingham, C. G., and Zimmer.)
- Zimmer, John C., Elizabeth, N. J., and A. J. Morway, Jackson Heights, Long Island, N. Y., assignors to Standard Oil Development Company. Grease composition. 2,111,907; Mar. 22.
- Zimmer, John C., Hillside, and A. J. Morway, Roselle, N. J., assignors to Standard Oil Development Company. Lubricating composition. 2,113,754; Apr. 12.
- Zimmer, Myron J., assignor to The Edward Kutzinger Company, Chicago, Ill. Knife. 2,115,686; Apr. 26.
- Zimmer, Myron J., assignor to The Edward Kutzinger Company, Chicago, Ill. Can opener. 2,127,373; Aug. 16.
- Zimmerman, Alva C., Iowa City, Iowa. Ice cutter. 2,137,476; Nov. 22.
- Zimmerman, Arthur G. (See Carson, B. R., and Zimmerman.)
- Zimmerman, Arthur G., Westmont, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,113,390; Apr. 5.
- Zimmerman, Arthur G., Westmont, N. J., assignor to Radio Corporation of America. Telephone. 2,119,124; May 31.
- Zimmerman, Axel E., West Palm Beach, Fla. Condiment holder. 2,107,228; Feb. 1.
- Zimmerman, Charles H., Hampton, Va. Aircraft. 2,108,093; Feb. 15.
- Zimmerman, Charles H., Norwood, Ohio. Cutting tool. 2,134,069; Oct. 25.
- Zimmerman, Fred R., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Machine for electrically heating springs. 2,105,105; Jan. 11.
- Zimmerman, Fred R., assignor to Nachman-Springfilled Corporation, Chicago, Ill. Machine for coupling upholstery springs. 2,119,765; June 7.
- Zimmerman, Fred R., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Spring heating machine. 2,124,329; July 19.
- Zimmerman, Fred R., assignor to Nachman Springfilled Corporation, Chicago, Ill. Spring knotting machine. 2,141,588; Dec. 27.
- Zimmerman, Harry, Toronto, Ontario, Canada. Ventilated buffing wheel. 2,110,494; Mar. 8.
- Zimmerman, Herbert L. (See Coldwell, J. S., and Zimmerman.)
- Zimmerman, Herman W., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Gauging fixture. 2,107,558; Feb. 8.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Cylinder surfacing tool. 2,118,720; May 24.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Boring machine. 2,129,485; Sept. 6.
- Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Propagation of plants. 2,129,598; Sept. 6.
- Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Propagation of plants. 2,129,599; Sept. 6.
- Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Propagation of plants. 2,129,600; Sept. 6.
- Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Propagation of plants. 2,129,601; Sept. 6.
- Zimmerman, Russell L., Galveston, Tex., assignor to Standard Oil Company (Indiana), of Chicago, Ill. Treatment of hydrocarbon oil. 2,119,409; May 31.
- Zimmerman, Thomas, assignor to Bower Roller Bearing Company, Detroit, Mich. Machine for honing conical surfaces. 2,105,762; Jan. 18.
- Zimmerman, Thomas, assignor to Bower Roller Bearing Company, Detroit, Mich. Grinding tapered rolls. 2,132,280; Oct. 4.
- Zimmerman, Willard P., and M. K. Holmes, Muncie, Ind., assignors to Owens-Illinois Glass Company. Manufacturing multipart glass articles. 2,105,174; Jan. 11.
- Zimmerman, Willard P., and M. K. Holmes, Muncie, Ind., assignors to Owens-Illinois Glass Company. Building block. 2,110,900; Mar. 15.
- Zimmerman, Willard P., and M. K. Holmes, Muncie, Ind., assignors to Owens-Illinois Glass Company. Forming hollow glass articles. 2,127,150; Aug. 16.
- Zimmerman, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Deflection compensator. 2,113,124; Apr. 5.
- Zimmermann, Effie, et al. (See O'Brien, Lawrence, assignor.)
- Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Outboard swivel support. 2,117,930; May 17.
- Zingman, Samuel, Brooklyn, N. Y. Combination lock and chain. 2,118,635; May 24.
- Zingone, Anthony E., New York, N. Y. Multiple hood hair drying apparatus. 2,139,250; Nov. 6.
- Zink, Fred W., assignor to Whitehead Stamping Company, Detroit, Mich. Rear view mirror supporting means. 2,134,016; Oct. 25.
- Zink, John S., Tulsa, Okla. Combination burner. 2,124,175; July 10.
- Zink, John S., Tulsa, Okla. Combination oil and gas burner. 2,124,940; July 26.
- Zink, John S., Tulsa, Okla. Gas burning means. 2,142,014; Dec. 27.
- Zinke, Alois. (See Händel, H., and Zinke.)
- Zinkl, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Vacuum breaker. 2,137,520; Nov. 22.
- Zinkl, Roy H., Oak Park, and E. A. Fredrickson, assignors to Crane Co., Chicago, Ill. Mixing valve. 2,116,806; May 10.
- Zinny, Edward. (See Mullik, Joseph, assignor.)
- Zinser, Paul R., assignor to Woodall Industries Incorporated, Detroit, Mich. Making die patterns. 2,113,168; Apr. 5.
- Zinser, Paul R., assignor to Woodall Industries Incorporated, Detroit, Mich. Trim panel construction. 2,134,496; Oct. 25.
- Zisser, William A. Co. (See Haynes, C. R., Clayton, and Townsend assignors.)
- Zint, George, Wapakoneta, Ohio. Cigarette case. 2,112,801; Mar. 29.
- Zint, George, Wapakoneta, Ohio. Electric fan. 2,128,724; Aug. 30.



- Zinter, Theodore C. (See Berman, M., and Zinter.)
- Zippel, Hyman M., Philadelphia, Pa. Hand weaving frame. 2,120,297; Sept. 6.
- Zipper, Walter, Vienna, Austria, assignor to Evans Case Company, North Attleboro, Mass. Receptacle. 2,132,359; Oct. 4.
- Zitscher, Arthur, Kronberg in Taunus, and H. Kehlen, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Trifluoromethyl-aryl-sulphonic acids and preparing them. 2,141,893; Dec. 27.
- Zitz, John L. (See Veach, G. W., and Zitz.)
- Zober, Benjamin, Brooklyn, and T. Garvey, Long Island City, N. Y. Colloid mill. 2,121,275; June 21.
- Zoettl, Robert, assignor of four-tenths to H. Knoll, Salzburg, Austria. Building structure. 2,114,244; Apr. 12.
- Zohr, Ludwig A., Syracuse, N. Y. Baby nurser. 2,133,411; Oct. 18.
- Zoldo, Frank. (See Shakter, Louis, assignor.)
- Zolotas, Anthony J., Jr. (See Eisenberg, H., and Zolotas.)
- Zolotnitsky, Mischa, Paris, France. Powder puff forming a receptacle. 2,122,123; June 28.
- Zomir, Joseph E., Springfield, Mass., assignor to The Diamond Match Company, Wilmington, Del. Assembling book matches. 2,108,157; Feb. 15.
- Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controlling device for sewing machines. 2,128,033; Aug. 23.
- Zonite Products Corporation. (See Heidbrock, William, assignor.)
- Zonite Products Corporation. (See Sachs, Albert P., assignor.)
- Zonolite Corporation of Michigan. (See Mayo, William N., assignor.)
- Zonolite Corporation of Michigan. (See Walker, Robert T., assignor.)
- Zook, David F., Evanston, Ill. Sleeping car. 2,112,005; Mar. 22.
- Zook, John S., Madison, Wis., assignor to Burgess Battery Company, Chicago, Ill. Battery hand lamp. 2,118,997; May 31.
- Zorn, Hermann, Ludwigshafen-on-the-Rhine, and W. Rosinsky, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of high quality lubricating oils. 2,106,232; Jan. 25.
- Zorn, Hermann, Ludwigshafen-on-the-Rhine, F. Vogel, Mannheim, and H. Wolter, Amsdorf, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing aliphatic alcohols of high molecular weight. 2,119,899; June 7.
- Zotos Corporation. (See Evans, R. L., and McDonough, assignors.)
- Zotos, Georg, Berlin, Germany. Withdrawing materials from high-speed rotary furnaces. 2,122,170; June 28.
- Zottu, Paul D., West Caldwell, and L. S. Nergaard and A. V. Haefl, East Orange, N. J., assignors to Radio Corporation of America. High frequency power tube. 2,113,671; Apr. 12.
- Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Lateral motion device for railway vehicle axles. 2,121,556; June 21.
- Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Engine-tender buffer mechanism. 2,125,326; Aug. 2.
- Zsomboky, Theodore A., Sharon, Pa. Slab pillar. 2,130,171; Sept. 13.
- Zublin, John A., Los Angeles, Calif. Fluid passage for drilling tools. 2,108,955; Feb. 22.
- Zublin, John A., Los Angeles, Calif. Rotary earth boring tool with rolling cutters. 2,108,956; Feb. 22.
- Zublin, John A., Los Angeles, Calif. Underreamer and oversize-hole drilling tool. 2,113,820; Apr. 12.
- Zublin, John A., Los Angeles, Calif. Drill bit. 2,118,542; May 24.
- Zublin, John A., Los Angeles, Calif. Oversize hole drilling mechanism. 2,119,618; June 7.
- Zublin, John A., Los Angeles, Calif. Circulating fluid around drill bits. 2,121,112; June 21.
- Zublin, John A., Los Angeles, Calif. Rolling disk bit. 2,126,079; Aug. 9.
- Zublin, John A., Los Angeles, Calif. Producing cutting teeth. 2,137,470; Nov. 22.
- Zublin, John A., Los Angeles, Calif. Composite welding rod. 2,137,471; Nov. 22.
- Zublin, John A., Los Angeles, and J. S. Goodwin, Alhambra, Calif.; said Goodwin assignor to said Zublin. Melting metals by use of an electric furnace. 2,131,396; Sept. 27.
- Zucker, Milton. (See Moore, C. G., and Zucker.)
- Zuckerman, Adolph M., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Multicolor press arrangement. 2,104,065; Jan. 4.
- Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Web cutting mechanism for printing machines. 2,110,901; Mar. 15.
- Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Folding mechanism for printing machines. 2,138,054; Nov. 29.
- Zuckerman, Rhoda E. (See Slobotkin, Nathan, assignor.)
- Zuckerman, Roscoe C., Stockton, Calif. Apparatus for mixing and distributing fertilizers. 2,123,033; July 5.
- Zuckerman, Edward C. (See Coleman, G. H., Hadler, and Zuckerman.)
- Zuckert, Richard, Bohmisch-Budweis, assignor to the firm "Koh-i-noor" tužkarna L. & C. Hardtmuth, Ces. Pudejovice, Czechoslovakia. Roasting pencil leads. 2,140,825; Dec. 20.
- Zugermayer, Melmore, Southampton, Pa. Jaw assembly for vises. 2,123,131; July 5.
- Zum-Berge, Emil H., assignor of one-seventh to G. Klein, Dallas, Tex. Self-expanding and cleaning earth reamer. 2,139,323; Dec. 6.
- Zumbusch, Wilhelm, assignor to Deutsche Edelstahlwerke Aktiengesellschaft, Krefeld, Germany. Composite permanent magnets of mixed comminuted alloys. 2,118,285; May 24.
- Zupa, Frank A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic switching device. 2,115,836; May 3.
- Zurcher, Ernest, Schenectady, N. Y., assignor to General Electric Company. Circuit controlling device. 2,117,869; May 17.
- Zurcher, Ernest, Schenectady, N. Y., assignor to General Electric Company. Circuit controlling device. 2,125,095; July 26.
- Zurn, J. A., Manufacturing Company. (See Rieger, E. M., and Zurn, assignors.)
- Zurn, Melvin A. (See Rieger, E. M., and Zurn.)
- Zur Nedden, Gerhard, Peine, Germany. Metal piling. 2,110,253; Mar. 8.
- Zuschlag, Theodor, West Englewood, N. J., assignor to H. T. F. Lundberg, Montreal, Quebec, Canada. Apparatus for electrical prospecting. 2,108,463; Feb. 15.
- Zuschlag, Theodor, Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Compensation of alternating current fluctuations. 2,117,390; May 17.
- Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Electrical measurement. 2,140,662; Dec. 20.
- Zvanut, Joseph, Aurora, Ill. Clothesline reel. 2,133,337; Oct. 18.
- Zwack, Raymond T. (See McNeil, C. I., and Zwack.)
- Zwack, Raymond T., assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,135,435; Nov. 1.
- Zwald, John J., Emporium, Pa. Collapsible stereoscope. 2,133,222; Oct. 11.
- Zweibel, Charles A., Louisville, Ky. Railway car truck. 2,109,715; Mar. 1.
- Zweig, Henry. (See Zweig, Herman and H.)
- Zweig, Herman, and H. Zweig, New York, N. Y. Garment shortening apparatus. 2,123,873; July 19.
- Zwick, Kurt, Munich, F. Deckel, Munich-Prinz Ludwigshöhe, H. Fischlmayr, Grafelfing, near Munich, and J. Ulsamer, Munich, assignors to F. Deckel, Munich-Prinz Ludwigshöhe, Germany. Fuel injection pump. 2,131,779; Oct. 4.
- Zwick, Kurt, Munich, assignor to Friedrich Deckel, Munich-Prinz Ludwigshöhe, Germany. Engraving machine. 2,132,452; Oct. 11.
- Zwicker, Else, administratrix. (See Zwicker, Horst, assignor.)
- Zwicker, Horst, deceased, Leipzig, Germany; G. E. Zwicker, administratrix, assignor to the firm Horst Zwicker. Frame for pictures, photographs, placards, or the like. 2,127,078; Aug. 16.
- Zwickl, Joseph R., Philadelphia, Pa., assignor to Baldwin-Southark Corporation. Condensate entrainment means. 2,111,133; Mar. 15.
- Zwicky, Melchior, Berkshire Heights, and R. Anke, Ridge Park, Reading, assignors to Textile Machine Works, Wyomissing, Pa. Automatic idle course mechanism for straight knitting machines. 2,132,200; Oct. 4.
- Zwilmeyer, Frithjof. (See Dahlen, M. A., Bigelow, and Zwilmeyer.)
- Zwilmeyer, Frithjof. (See Dahlen, Zwilmeyer, Bigelow, and Deese.)
- Zworykin, Vladimir K., Haddonfield, N. J., assignor to Radio Corporation of America. Television system. 2,104,066; Jan. 4.
- Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Television system. 2,107,464; Feb. 8.
- Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Ultrahigh frequency radio system. 2,125,977; Aug. 9.
- Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Television system. 2,133,882; Oct. 18.
- Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Cathode ray tube. 2,139,296; Dec. 6.
- Zworykin, Vladimir K., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vacuum tube. 2,109,245; Feb. 22.
- Zworykin, Vladimir K., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Television system. 2,141,059; Dec. 20.



# LIST OF DESIGN PATENTEEES

- Abbate, Jacob, New York, N. Y. Dress. 107,917; Jan. 11.
- Abbate, Jacob, New York, N. Y. Dress. 107,918; Jan. 11.
- Abbate, Jacob, New York, N. Y. Ensemble dress. 108,255; Feb. 1.
- Abbate, Jacob, New York, N. Y. Dress. 108,504; Feb. 15.
- Abbate, Jacob, New York, N. Y. Dress. 108,505; Feb. 15.
- Abbate, Jacob, New York, N. Y. Dress ensemble. 108,857; Mar. 15.
- Abbate, Jacob, New York, N. Y. Dress ensemble. 108,858; Mar. 15.
- Abbate, Jacob, New York, N. Y. Dress ensemble. 108,859; Mar. 15.
- Abbate, Jacob, New York, N. Y. Dress. 108,991; Mar. 22.
- Abbate, Jacob, New York, N. Y. Dress ensemble. 109,088; Mar. 29.
- Abbate, Jacob, New York, N. Y. Dress. 109,172; Apr. 5.
- Abbate, Jacob, New York, N. Y. Dress ensemble. 109,173; Apr. 5.
- Abbate, Jacob, New York, N. Y. Dress. 111,126; Sept. 6.
- Abbate, Jacob, New York, N. Y. Dress. 111,127; Sept. 6.
- Abbate, Jacob, New York, N. Y. Dress. 111,531; Sept. 27.
- Abbate, Jacob, New York, N. Y. Dress. 111,557; Sept. 27.
- Abbate, Jacob, New York, N. Y. Dress. 111,801; Oct. 18.
- Abbate, Jacob, New York, N. Y. Dress. 111,802; Oct. 18.
- Abbate, Jacob, New York, N. Y. Dress. 112,016; Nov. 1.
- Abbate, Jacob, New York, N. Y. Dress ensemble. 112,017; Nov. 1.
- Abbate, Jacob, New York, N. Y. Dress. 112,098; Nov. 8.
- Abbey Photo Corporation. (See Hartman, Leon, assignor.)
- Abbott, Scott M., assignor to The Burrows Company, Chicago, Ill. Suction evacuator for surgical and similar operations. 111,233; Sept. 13.
- Abeles, Jerome, assignor to The Formfit Company, Chicago, Ill. Brassiere. 109,778; May 17.
- Abeles, Jerome, assignor to The Formfit Company, Chicago, Ill. Foundation garment. 109,931; May 31.
- Abeles, Jerome, assignor to The Formfit Company, Chicago, Ill. Foundation garment. 111,194; Sept. 6.
- Abelson, Nat, New York, N. Y. Dress. 112,493; Dec. 6.
- Abelson, Nat, New York, N. Y. Dress. 112,494; Dec. 6.
- Abraham, Jacques E., New York, N. Y. Pajamas. 107,983; Jan. 18.
- Abraham, Jacques E., New York, N. Y. Negligee. 109,361; Apr. 19.
- Abrahams, Jacques E., New York, N. Y. Negligee. 109,683; May 17.
- Abrams, Albert, New York, N. Y. Jar cover or similar article. 112,354; Nov. 29.
- Abrams, Charles, assignor to Universal Coffee Co., Chicago, Ill. Coffee brewer. 107,847; Jan. 11.
- Abrecht, Albert, Inc. (See Abrecht, Otto, assignor.)
- Abrecht, Otto, Maplewood, assignor to Albert Abrecht, Inc., Newark, N. J. Finger ring. 110,888; Aug. 16.
- Abzug, Israel, New York, N. Y. Scarf or similar article. 108,146; Jan. 25.
- Abzug, Israel, New York, N. Y. Blouse. 108,385; Feb. 8.
- Acker, Aaron C., assignor to The Newell Mfg. Co., Ogdensburg, N. Y. Container punch. 112,355; Nov. 29.
- Acker, Irving, assignor to Novelty Velling Co., Inc., New York, N. Y. Scarf. 109,004; Mar. 22.
- Acme Protection Equipment Company. (See O'Leary, Thomas A., assignor.)
- Acme Shear Company, The. (See Lincoln, Alden A., assignor.)
- Acme Specialty Company. (See Bohn, Walter J., assignor.)
- Acocella, Philip F., Brooklyn, N. Y. Manicure implement. 110,010; June 7.
- Acton, Frank. (See Loughrey, J. L., and Acton.)
- Adams, Arthur R. (See Fuller, F. B., Adams, and Le Frois.)
- Adams, Harry A., New York, N. Y. Vanity case or similar article. 109,043; Mar. 29.
- Adams, Joseph E., Cleveland Heights, Ohio. Radio cabinet. 111,315; Sept. 20.
- Adams, Lysle E., Oak Park, Ill., assignor to L. E. Adams, as trustee. Jar. 112,688; Dec. 27.
- Adams, Wilbur H. (See Smith, K. D., and Adams.)
- Adams, Wilbur H., Cleveland, assignor to The Colson Corporation, Elyria, Ohio. Velocipede. 108,225; Feb. 1.
- Adams, Wilbur H., Cleveland, Ohio, assignor to The R. F. Goodrich Company, New York, N. Y. Tire. 108,226; Feb. 1.
- Adams, Wilbur H., Cleveland, Ohio, assignor to Kalamazoo Stove Company, Kalamazoo, Mich. Cooking stove. 108,312; Feb. 8.
- Adcox, Albert H., East St. Louis, Ill. Lawn swing or similar article. 109,108; Apr. 12.
- Adhesive Products Co., The. (See Meyer, Ferd H., assignor.)
- Adlake Company, The. (See McDonald, Sterling B., assignor.)
- Adlake Company, The. (See Stewart, Lemuel L., assignor.)
- Adler, Charles, Jr., Baltimore, Md. Signal cover glass. 108,773; Mar. 15.
- Adlers, Arthur, Chicago, Ill. Game board. 109,463; May 3.
- Adus, Isidore J., New York, N. Y. Signal device of a paging unit system. 109,883; May 31.
- Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, assignors to Agnini & Singer, Chicago, Ill. Brooch or the like. 110,532; July 19.
- Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, assignors to Agnini & Singer, Chicago, Ill. Brooch or the like. 110,533; July 19.
- Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, assignors to Agnini & Singer, Chicago, Ill. Brooch or the like. 110,534; July 19.
- Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, assignors to Agnini & Singer, Chicago, Ill. Brooch or the like. 110,535; July 19.
- Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, Ill. assignors to Agnini & Singer. Brooch or the like. 110,557; July 19.
- Agnini, Oreste J., Maywood, and M. C. Granville, Chicago, Ill. assignors to Agnini & Singer. Brooch or the like. 110,558; July 19.
- Agnini & Singer. (See Agnini, O. J., and Granville, assignors.)
- Air-O-Lite Corporation. (See Shinner, Ernest G., assignor.)
- Aisenstein, Louis. (See Stein, M. J., and Aisenstein.)
- Aizic, Iuliu, New York, N. Y. Toilet bottle. 110,333; July 5.
- Akins, Clifford M., assignor to Marquette Manufacturing Co. Inc., Minneapolis, Minn. Electric arc welder. 108,710; Mar. 8.
- Akins, Clifford M., assignor to Marquette Manufacturing Co. Inc., Minneapolis, Minn. Front panel for an electric arc welder. 110,011; June 7.
- Albert Manufacturing Company. (See Gaba, Lester, assignor.)
- Albertson & Company. (See Albertson, Frans O., assignor.)
- Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Portable power-driven tool unit. 111,234; Sept. 13.
- Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Portable power-driven tool unit. 111,266; Sept. 13.
- Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Metal spray gun. 112,356; Nov. 29.
- Alcott, John B., Westwood, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Lamp. 109,838; May 24.
- Aldeen, Gedor W., assignor to American Cabinet Hardware Corp., Rockford, Ill. Drawer pull or similar article. 109,464; May 3.
- Aldeen, Gedor W., assignor to American Cabinet Hardware Corp., Rockford, Ill. Drawer pull or similar article. 109,465; May 3.
- Aldeen, Gedor W., assignor to American Cabinet Hardware Corp., Rockford, Ill. Drawer pull or similar article. 109,466; May 3.
- Aldrich, Earl A., Oakland, Calif. Centerpiece for table decoration. 109,288; Apr. 19.
- Aldrich, Ralph N., and A. H. Jaehne, assignors to Standard Oil Company of California, San Francisco, Calif. Service station. 109,031; Mar. 29.
- Aldrich, Ralph N., and A. H. Jaehne, assignors to Standard Oil Company of California, San Francisco, Calif. Service station canopy. 109,650; May 10.
- Aldrich, Ralph N., and A. H. Jaehne, assignors to Standard Oil Company of California, San Francisco, Calif. Building. 110,138; June 21.
- Alenikoff, Philip, New York, N. Y. Embroidered applique emblem. 110,408; July 5.
- Alexander, Myron R., et al. (See Welner, George H., assignor.)
- Alexander Textile Corporation. (See Umansky, Jacob, assignor.)
- Alger, Don L., Avalon, Calif. Game board. 110,770; Aug. 2.
- Alger, Don L., Avalon, Calif. Game board. 111,647; Oct. 11.
- Allen, Bertha A., and J. F. Allen, Salt Lake City, Utah. Hair curler. 109,118; Apr. 5.
- Allen, Charles H., Philadelphia, Pa. Combined radio and lamp. 110,991; Aug. 23.
- Allen, Grosvenor N. (See Gerth, W. H., Allen, and Bennett.)



- Allen, Grosvenor N., and L. E. Ressegger, Oneida, and M. P. Fleming, Niagara Falls, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 108,532; Feb. 22.
- Allen, Grosvenor N., Oneida, W. H. Gerth, New York, and L. E. Ressegger, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 109,075; Mar. 29.
- Allen, Jack G., assignor to F. H. Noble & Co., Chicago, Ill. Display box. 112,357; Nov. 29.
- Allen, James F. (See Allen, Bertha A., and J. F.)
- Allen, S. L., & Co. (See Bowen, James M., assignor.)
- Allenby, William F., and C. H. Willman, Bridgeport, Conn., assignors to General Electric Company. Portable food mixer. 107,984; Jan. 18.
- Allenby, William F., and C. H. Willman, Bridgeport, Conn., assignors to General Electric Company. Portable electric power unit. 107,985; Jan. 18.
- Allied Engineering Company. (See Kaptuller, Alexander F., assignor.)
- Alper, Abraham, New York, N. Y. Coat. 111,483; Sept. 27.
- Alpert, Alexander, New York, N. Y. Handbag. 108,711; Mar. 8.
- Alpine, Jay, Brooklyn, N. Y. Snake braid. 108,147; Jan. 25.
- Altaire, Earl, Kansas City, Mo., assignor to Electrical Testing Laboratories, New York, N. Y. Floor lamp. 112,630; Dec. 20.
- Altaire, Earl, Kansas City, Mo., assignor to Electrical Testing Laboratories, New York, N. Y. Table lamp. 112,651; Dec. 20.
- Alter, Leo, assignor to The Glolite Corporation, Chicago, Ill. Illuminated shrine. 110,745; Aug. 2.
- Althoff, Lawrence A., Chicago, Ill. Heater. 108,227; Feb. 1.
- Altorfer, Henry W., Peoria, Ill. Ironing machine cabinet. 110,992; Aug. 23.
- Altorfer, Henry W., Peoria, Ill. Combined washing machine and drier. 110,993; Aug. 23.
- Altorfer, Henry W., Peoria, Ill. Combined washing machine and drier. 110,994; Aug. 23.
- Aluminum Company of America. (See Goll, F. D., and Wareham, assignors.)
- Aluminum Goods Manufacturing Co. (See Vits, Earl O., assignor.)
- Ambrose and Company. (See Ambrose, Jay L., assignor.)
- Ambrose, Jay L., assignor to Ambrose and Company, Denver, Colo. Jug. 108,417; Feb. 15.
- Amen, Vivian, Brooklyn, N. Y. Dress ensemble. 108,992; Mar. 22.
- Amen, Vivian, Brooklyn, N. Y. Dress ensemble. 109,259; Apr. 12.
- American Blower Corporation. (See Anderson, Axel F. L., assignor.)
- American Brass Company, The. (See Davis, Albert L., assignor.)
- American Cabinet Hardware Corp. (See Aldeen, Gedor W., assignor.)
- American Can Company. (See Lightfoot, J. B., and Trevisan, assignors.)
- American Can Company. (See Worthington, Everett, assignor.)
- American Chair Company. (See Baum, Albert J., assignor.)
- American Duplex Co. (See Schuhmann, Richard L., assignor.)
- American Fabrics Company, The. (See Merriman, John, assignor.)
- American Fabrics Company, The. (See Phillips, Hans A., assignor.)
- American Fabrics Company, The. (See Rutsch, W. E., and Schulze, assignors.)
- American Floor Surfacing Machine Company, The. (See Kneisley, R. F., and Wolfe, assignors.)
- American Hard Rubber Company. (See Schelhammer, Herman J., assignor.)
- American Lead Pencil Company. (See Juelss, David, assignor.)
- American Legion Department of Florida, Inc., The. (See Rowton, Charles H., assignor.)
- American Machine & Foundry Company. (See Dehuff, Walter F., assignor.)
- American Machine & Foundry Company. (See Rosengren, Herbert, assignor.)
- American-National Company, The. (See Snell, Samuel A., assignor.)
- American Optical Company. (See Oker, Arne J., assignor.)
- American Optical Company. (See Pratt, Arthur J., assignor.)
- American Optical Company. (See Splaine, Edward M., assignor.)
- American Proca Corporation. (See Volney, Svatopluk C., assignor.)
- American Renaissance Associates, Inc. (See Mulwitz, R., and Jennings, assignors.)
- American Safety Razor Corporation. (See Willmet, Georges, assignor.)
- American Seating Company. (See Bond, Willard H., Jr., assignor.)
- American Seating Company. (See Bond, W. H., Jr., and Mankil, assignors.)
- American Seating Company. (See Morgan, Erving B., assignor.)
- American Stove Company. (See Hoffman, Rudolph, assignor.)
- American Tap-Bush Company. (See Rice, Frank E., assignor.)
- American Telephone and Telegraph Company. (See Burnell, Fred L., assignor.)
- American Transformer Company. (See Garlick, Walter J., Jr., assignor.)
- American Traveling Goods Co., Inc. (See Harlem, Lewis W., assignor.)
- Amity Leather Products Co. (See Welch, Herman B., assignor.)
- Amster, Gershon, New York, N. Y. Hat. 108,171; Jan. 25.
- Andersen, Christian, Redfield, S. Dak. End table or the like. 111,826; Oct. 18.
- Andersen, Theodore A., assignor to Electric Vapor Corporation, Indianapolis, Ind. Medicated vaporizer. 107,900; Jan. 11.
- Anderson, Axel F. L., assignor to American Blower Corporation, Detroit, Mich. Air conditioner. 108,689; Mar. 8.
- Anderson, Bert J., Hammond, Ind. Rear frame member for a velocipede. 107,937; Jan. 18.
- Anderson, Bert J., Hammond, Ind. Velocipede frame member. 107,938; Jan. 18.
- Anderson, Bert J., Hammond, Ind. Shield for a velocipede frame. 109,044; Mar. 29.
- Anderson, Bert J., Hammond, Ind. Velocipede frame member. 109,199; Apr. 12.
- Anderson, Bert J., Hammond, Ind. Velocipede deck plate. 109,826; May 24.
- Anderson, Bert J., Hammond, Ind. Velocipede frame member. 110,855; Aug. 16.
- Anderson, Bert J., Hammond, Ind. Velocipede frame member. 111,128; Sept. 6.
- Anderson Brass Shops, Inc. (See Pehrson, Henry L., assignor.)
- Anderson, Carl T., Madison, Wis. Combined desk and seat. 111,058; Aug. 30.
- Anderson, Charles A., New Rochelle, assignor to Gotham Pressed Steel Corporation, New York, N. Y. Game board. 111,103; Aug. 30.
- Anderson, Douglas G. (See Anderson, George P. and D. G.)
- Anderson, Edward L., assignor to Ripley and Gowen Company, Incorporated, Attleboro, Mass. Cuff link. 111,057; Aug. 30.
- Anderson, George P. and D. G., assignors to The Standard Computing Scale Company, Detroit, Mich. Coffee grinder. 109,971; June 7.
- Anderson, George P. and D. G., assignors to The Standard Computing Scale Company, Detroit, Mich. Combined power unit casing, meat chopper, and pan. 109,972; June 7.
- Anderson, George W., Akron, Ohio. Tire. 112,165; Nov. 15.
- Anderson, George W., Akron, Ohio. Tire. 112,166; Nov. 15.
- Anderson, George W., Akron, Ohio. Tire. 112,185; Nov. 15.
- Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Rear view mirror and mounting therefor. 112,268; Nov. 22.
- Andres, Lloyd J., Chicago, Ill. Electric remote controller casing. 111,777; Oct. 18.
- Andres, Lloyd J., Chicago, Ill. Electric remote controller casing. 111,778; Oct. 18.
- Anderson, Ture I., Merced, Calif. Counter chair. 112,167; Nov. 15.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Stand for business machines. 108,313; Feb. 8.
- Anderson, Wilbert C., Elmwood Park, assignor to Flexo Products Corporation, Chicago, Ill. Table lamp. 109,599; May 10.
- Ander, Robert F., Rutherford, assignor to Electrol Incorporated, Clifton, N. J. Oil burner. 109,200; Apr. 12.
- Andors, Lise A., New York, N. Y. Dress. 111,235; Sept. 13.
- Andrew, Vaughan L., Superior, Wis. Electric operated pump unit. 109,932; May 31.
- Andrews, Anatol N., Los Angeles, Calif. Fountain pen or similar article. 112,401; Nov. 29.
- Andrews, Jerome E., Andover, Mass. Shoe. 110,012; June 7.
- Andrews, Jerome E., Andover, Mass. Shoe. 110,163; June 21.
- Andrews, Jerome E., Andover, Mass. Shoe. 110,235; June 28.
- Ansell, Frank E., Brooklyn, N. Y. Combined bottle and stopper therefor. 110,790; Aug. 9.
- Ansin Shoe Mfg. Co. (See Snyder, Clarence B., assignor.)
- Antenberg, Samuel, Brooklyn, N. Y. Hat ornament or similar article. 112,326; Nov. 22.
- Anthony, Hale B., Rockport, Mass. Doll. 111,451; Sept. 20.
- Anthony, William, Hanover, Pa. Quoit or similar article. 110,334; July 5.
- Antkies, Jack, New York, N. Y. Textile fabric. 110,080; June 14.
- Antkies, Jack, New York, N. Y. Textile fabric. 110,081; June 14.



- Antkies, Jack, New York, N. Y. Textile fabric. 110,236; June 28.
- Antkies, Jack, New York, N. Y. Textile fabric. 110,471; July 12.
- Antkies, Jack, New York, N. Y. Textile fabric. 110,472; July 12.
- Antkies, Jack, New York, N. Y. Textile fabric. 110,592; July 19.
- Antkies, Jack, New York, N. Y. Textile fabric. 110,593; July 19.
- Apex Electrical Manufacturing Company, The. (See McCabe, John J., assignor.)
- Apex Electrical Manufacturing Company, The, as trustee. (See Kirby, James B., assignor.)
- Appleby, George F. (See Boyce, A. O., and Appleby.)
- Applegate, Oliver C., Jr., San Francisco, and E. G. Neale, Los Angeles, assignors to Standard Oil Company of California, San Francisco, Calif. Sign. 111,576; Oct. 4.
- Arbib, Richard H., Woodmere, N. Y. Combined container and base therefor. 111,104; Aug. 30.
- Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Ball cock. 108,228; Feb. 1.
- Archer, George E., South Whitley, Ind. Highway traffic signal. 109,540; May 3.
- Ardan, Elizabeth, Inc. (See Lewis, Florence N., assignor.)
- Arehart, David D., assignor to Palace Travel Coach Corporation, Flint, Mich. Trailer house car body. 112,358; Nov. 29.
- Arenberg, Albert L., Highland Park, Ill. Lighting fixture. 110,164; June 21.
- Arenberg, Albert L., Highland Park, Ill. Lighting fixture. 110,165; June 21.
- Arenberg, Albert L., Highland Park, N. Y. Lighting fixture. 110,451; July 12.
- Arenberg, Albert L., Highland Park, Ill. Lamp. 111,577; Oct. 4.
- Arenberg, Albert L., assignor to Patent License Corporation, Chicago, Ill. Table lamp. 109,119; Apr. 5.
- Arenberg, Albert L., assignor to Patent License Corporation, Chicago, Ill. Lamp. 109,509; May 3.
- Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Lighting fixture globe. 112,186; Nov. 15.
- Arens, Egmont, New York, N. Y., assignor to Atlas Supply Company. Battery case. 112,099; Nov. 8.
- Arens, Egmont, New York, N. Y., assignor to Atlas Supply Company. Battery case. 112,100; Nov. 8.
- Arliolo, Petro, Chicago, Ill. Confectionery product. 108,256; Feb. 1.
- Aris Gloves, Inc. (See Steinberger, Irwin, assignor.)
- Arkansas Fuel Oil Company. (See Hullinger, Glenn, assignor.)
- Armao, Mary, New York, N. Y. Dress. 109,684; May 17.
- Armao, Mary, New York, N. Y. Dress. 109,685; May 17.
- Armao, Mary, New York, N. Y. Dress. 109,686; May 17.
- Armao, Mary, New York, N. Y. Dress. 109,687; May 17.
- Armao, Mary, New York, N. Y. Dress. 110,051; June 7.
- Armao, Mary, New York, N. Y. Dress. 110,052; June 7.
- Armao, Mary, New York, N. Y. Dress. 110,053; June 7.
- Armbrust Chain Company. (See Armbrust, Ferdinand, assignor.)
- Armbrust, Ferdinand, Edgewood, assignor to Armbrust Chain Company, Providence, R. I. Chain. 109,688; May 17.
- Armeny, Percy J., Roselle Park, assignor to Baker & Company, Inc., Newark, N. J. Jewelry setting or similar article. 107,848; Jan. 11.
- Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine saddle. 108,690; Mar. 8.
- Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine knee. 110,237; June 28.
- Armour, Aileen, Los Angeles, Calif. Chair or similar article. 110,791; Aug. 9.
- Armour, Aileen, Los Angeles, Calif. Automobile seat wardrobe. 111,195; Sept. 6.
- Armstrong Cork Company. (See Muller, Henry J., assignor.)
- Armstrong Cork Company. (See Rauscher, Fred W., assignor.)
- Armstrong Cork Company. (See Wilmet, Georges, assignor.)
- Armstrong, Henry, Montreal, Quebec, Canada. Display stand. 100,467; May 3.
- Armstrong, William L. (See Atwood, Mark E. and J. G., and Armstrong.)
- Arneson, Edward L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Box. 110,512; July 12.
- Arnold, Charles A., Cranston, and E. P. Hanson, assignors to General Fire Extinguisher Company, Providence, R. I. Air conditioning casing. 107,901; Jan. 11.
- Arons, Louis, New York, N. Y. Cont. 109,362; Apr. 19.
- Aronson, Jerome B., Chicago, Ill. Savings bank. 108,487; Feb. 15.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Combined pyrophoric lighter and cigarette container. 107,849; Jan. 11.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Shaving device. 109,384; Apr. 26.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Head for an electric razor. 110,937; Aug. 16.
- Arrow Manufacturing Company. (See Weill, Milton, assignor.)
- Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
- Artion Studios. (See Bartlett, Ernest, assignor.)
- Arzt, Emanuel L., Brooklyn, N. Y. Wrist-watch. 110,166; June 21.
- Asbury-Prentiss, Inc., et al. (See Asch, Leonard C., assignor.)
- Asch, Leonard C., New York, N. Y., assignor of one-half to Polly Prentiss, Inc., Sumter, S. C., and one-half to Asbury-Prentiss, Inc., Sumter, S. C. Beach coat or similar article. 111,827; Oct. 18.
- Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 112,101; Nov. 8.
- Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 112,187; Nov. 15.
- Ashkenas, William L. (See Friedman, Olga, assignor.)
- Associated Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)
- Associated Electric Laboratories, Inc. (See Sengebusch, Hans, assignor.)
- Atlantic Rug Co. (See Bemporad, Richard F., assignor.)
- Atlas & Bluhm Inc. (See Weixel, Harry, assignor.)
- Atlas Supply Company. (See Arens, Egmont, assignor.)
- Atlas Supply Company. (See Kolseth, John H., assignor.)
- Atwood, James T., Rockford, Ill. Hinge. 110,335; July 5.
- Atwood, Joseph G. (See Atwood, Mark E. and J. G., and Armstrong.)
- Atwood, Mark E. and J. G., Wauwatosa, and W. L. Armstrong, Milwaukee, Wis. Combined hood and cape. 109,689; May 17.
- Atwood, Mark E. and J. G., Wauwatosa, and W. L. Armstrong, Milwaukee, Wis. Head covering or the like. 109,690; May 17.
- Aufero, John M., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Audible signal unit or similar article. 108,814; Mar. 15.
- Aufero, John M., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Audible signal unit or similar article. 108,815; Mar. 15.
- Aull, Harry, assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Elastic fabric or similar article. 108,062; Jan. 25.
- Automatic Products Company. (See Barnes, J. F., and Reinecke, and Johnson, assignors.)
- Automatic Shifters, Inc. (See Iley, Henry W., assignor.)
- Automotive Lighting Equipment, Inc. (See Burgess, George F., assignor.)
- Autopoint Company. (See Tammen, G. W., and Roysher, assignors.)
- Auto-Wheel Coaster Company. (See Klatt, Rudolph A., assignor.)
- Autoyre Company, The. (See Sanford, Roy S., assignor.)
- Avella, Joseph, North Bergen, N. J. Lace or similar article. 108,841; Mar. 15.
- Avella, Joseph, North Bergen, N. J. Lace or similar article. 108,842; Mar. 15.
- Avon Shoe Company. (See Levin, David, assignor.)
- Axelrod, Ellis. (See Grossman, A., and Axelrod.)
- Bas, Edmund J., Rochester, N. Y. Filler block for shoe display. 108,691; Mar. 8.
- Babcock, Alfred R., Chicago, Ill. Game apparatus. 110,473; July 12.
- Babus, Samuel, Brooklyn, N. Y. Cont. 112,516; Dec. 13.
- Bach, Alfons, New York, N. Y. Upholstered chair or similar article. 109,468; May 3.
- Bach, Alfons, New York, N. Y. Upholstered chair or similar article. 109,691; May 17.
- Bach, Alfons, New York, N. Y. Upholstered chair or similar article. 109,692; May 17.
- Bach, Alfons, New York, N. Y. Cabinet or similar article. 109,973; June 7.
- Bach, Alfons., New York, N. Y. Upholstered chair or similar article. 110,667; July 26.
- Back, Robert, assignor to The Wahl Company, Chicago, Ill. Barrel for mechanical pencil or similar article. 110,265; June 28.
- Racklund, John A., assignor to Lincoln-Schluter Floor Machinery Company, Inc., Chicago, Ill. Scrubbing machine. 111,887; Oct. 25.
- Bade, Francis A., Louisville, assignor to L. A. Koch, Jr., Jefferson County, Ky. Automobile bumper guard. 100,385; Apr. 26.
- Bade, Francis A., Louisville, assignor to L. A. Koch, Jr., Jefferson County, Ky. Automobile bumper guard. 100,386; Apr. 26.
- Buer, Albert M., New York, N. Y. Fish knife or similar article. 109,996; June 7.
- Bagdonow, Max, New York, N. Y. Cont. 108,386; Feb. 8.
- Bagdonow, Max, New York, N. Y. Cont. 108,387; Feb. 8.
- Bagdonow, Max, New York, N. Y. Cont. 108,388; Feb. 8.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Steering wheel knob. 110,033; July 26.



- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Electric razor. 110,792; Aug. 9.
- Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Electric razor. 111,593; Oct. 4.
- Bailey, Perkins H., New York, N. Y., assignor to Talon, Inc., Meadville, Pa. Coat. 111,803; Oct. 18.
- Baily, Mildred B., Norristown, Pa. Combination ashtray. 110,103; June 14.
- Bainbridge, George A., Cardiff, Wales. Ramp for the protection of hose pipes. 111,469; Sept. 20.
- Baird, Frederick A., Wilmette, Ill., assignor to Modern Curtain Co. Inc., Boston, Mass. Curtain. 109,600; May 10.
- Baker & Company. (See Armeny, Percy J., assignor.)
- Baker, William E., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Automobile transport body. 110,013; June 7.
- Baldwin Company, The. (See Day, Wilbur M., assignor.)
- Baldwin Company, The. (See Huettemann, Fritz, assignor.)
- Baldwin, Ernest E., Spokane, Wash. Shoe polisher or similar article. 112,188; Nov. 15.
- Baldwin Rubber Company. (See Pryale, Harry M., assignor.)
- Ball Brothers Company. (See Petty, Fred J., assignor.)
- Ball, Samuel G., Streely, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tennis ball. 107,939; Jan. 18.
- Balme, Joseph, Paris, France. Bracelet. 111,779; Oct. 18.
- Balmer, John H., Trenton, N. J. Combination soap holder and grab rail. 110,952; Aug. 23.
- Balough, Eugene, and M. J. Yamen, Poughkeepsie, N. Y. Sanding tool unit. 112,707; Dec. 27.
- Bancroft Walker Company. (See Vamos, Alfred, assignor.)
- Bancroft Walker Company. (See Weinstat, Samuel, assignor.)
- Bandrimer, Pinkus, and J. Perloff, Brooklyn, N. Y. Table. 112,035; Nov. 8.
- Bandrimer, Pinkus, and J. Perloff, Brooklyn, N. Y. Table. 112,740; Dec. 27.
- Bandrimer, Pinkus, and J. Perloff, Brooklyn, N. Y. Chair. 112,749; Dec. 27.
- Bangert, Harry W. (See Jones, Fred D., Jr., assignor.)
- Banner Shoemakers, Inc. (See Feldman, Bernard, assignor.)
- Barber, Elizabeth D., Miami, Fla. Lady's headdress. 108,257; Feb. 1.
- Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or the like. 108,225; Feb. 1.
- Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or the like. 108,533; Feb. 22.
- Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or the like. 108,534; Feb. 22.
- Barbizon Coats, Inc. (See Wieder, Sam, assignor.)
- Barbour, Dorothy B., Framingham Center, Mass. Combination garment. 109,651; May 10.
- Barcelo Manufacturing Company. (See Vallone, Joseph M., assignor.)
- Barge, Henry A., La Crosse, Wis. Combined dial and hands for a clock or similar article. 111,296; Sept. 13.
- Bargen, William J., Waukegan, Ill. Combined desk and chair. 108,774; Mar. 15.
- Bargen, William J., Waukegan, Ill. Combined desk and chair. 110,953; Aug. 23.
- Baring, William, Los Angeles, Calif. Grater. 109,794; May 24.
- Barkby, Harry, assignor to Shenango Pottery Company, New Castle, Pa. Plate or similar article. 112,509; Dec. 13.
- Barkby, Harry, assignor to Shenango Pottery Company, New Castle, Pa. Plate or similar article. 112,510; Dec. 13.
- Barks, Frank S., assignor to Lincoln Engineering Company, St. Louis, Mo. Carriage for lubricating apparatus. 108,926; Mar. 22.
- Barks, Frank S., assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricant-receiving fitting. 108,927; Mar. 22.
- Barling, D. & Sons. (See Barling, Walter W., assignor.)
- Barling, Walter W., Camden Town, London, assignor to the firm B. Barling & Sons, London, England. Mouthpiece for pipes or the like. 110,336; July 5.
- Barnes, James F. (See Reinecke, J. O., and Barnes.)
- Barnes, James F., and J. O. Reinecke, Chicago, Ill., and R. W. Johnson, assignors to Automatic Products Company, Milwaukee, Wis. Room thermostat. 112,269; Nov. 22.
- Barnes, Stanley H., New Rochelle, assignor to Gleason-Tiebout Glass Company, Maspeth, N. Y. Globe for lighting fixture. 112,511; Dec. 13.
- Barnes, William A., Mansfield, Ohio, assignor to Dominion Electrical Manufacturing Company. Electric iron. 109,120; Apr. 5.
- Barnhart, Adam B., New York, N. Y., assignor to J. Cochran, doing business as J. C. Laboratories, Roselle, N. J. Cosmetic case. 107,738; Jan. 4.
- Barnhart, Adam B., New York, N. Y., assignor to J. Cochran, doing business as J. C. Laboratories, Roselle, N. J. Bottle. 107,815; Jan. 4.
- Barnhart, Adam B., New York, N. Y., assignor to J. Cochran, doing business as J. C. Laboratories, Roselle, N. J. Box or similar cosmetic container. 107,816; Jan. 4.
- Barnhart, Adam B., New York, N. Y., assignor to J. Cochran, doing business as J. C. Laboratories, Roselle, N. J. Cosmetic box. 112,650; Dec. 20.
- Barnhart, Adam B., New York, N. Y., assignor to J. Cochran, doing business as J. C. Laboratories, Roselle, N. J. Cosmetic case. 112,651; Dec. 20.
- Barofsky, Jack, New York, N. Y. Vehicle body. 108,823; Mar. 15.
- Barofsky, Jack, New York, N. Y. Fender for a motor vehicle. 109,121; Apr. 5.
- Baron, Arthur S., et al. (See Pollard, John H., assignor.)
- Barrett, Gerald S., Park Royal, Acton, London, assignor to The General Electric Company Limited, London, England. Projection lamp for use in cinema studios. 110,954; Aug. 23.
- Barrett, Joseph E., assignor to Superior Electric Products Corp., St. Louis, Mo. Electric toaster or similar article. 109,652; May 10.
- Barsa, Simon, New York, N. Y. Robe. 109,693; May 17.
- Barsky, Irving, New York, N. Y. Dress. 111,914; Oct. 25.
- Barth, Bruno H., West Englewood, N. J., assignor to W. K. Kallman, New York, N. Y., doing business as Black & Co. Textile fabric or similar article. 108,993; Mar. 22.
- Barth, Bruno H., West Englewood, N. J., assignor to W. K. Kallman, doing business as Black & Co., New York, N. Y. Textile fabric or similar article. 111,625; Oct. 4.
- Bartholomew, Robert L. R., Chester Springs, Pa. Combined cigarette and candle holder. 108,610; Mar. 1.
- Bartlett, Ernest, Collegeville, assignor to Arton Studios, Philadelphia, Pa. Lamp base. 110,104; June 14.
- Bartlett, Ernest, Collegeville, assignor to Arton Studios, Philadelphia, Pa. Lamp base. 110,105; June 14.
- Bartlett, Ernest, Collegeville, assignor to Arton Studios, Philadelphia, Pa. Lamp base. 110,106; June 14.
- Bartlett, Ernest, Collegeville, assignor to Arton Studios, Philadelphia, Pa. Lamp base. 110,107; June 14.
- Bartlett, Ernest, Collegeville, assignor to Arton Studios, Philadelphia, Pa. Lamp base. 110,108; June 14.
- Bartlett, Ernest, Collegeville, assignor to Arton Studios, Philadelphia, Pa. Lamp base. 110,109; June 14.
- Barton Corporation, The. (See Labisky, Arthur H., assignor.)
- Baryl, Walter G., Evanston, assignor to Loop Auto Parks, Chicago, Ill. Advertising tower. 108,314; Feb. 8.
- Bates Laboratories, Inc. (See Chipman, R. L., Jr., and Sweeney, assignors.)
- Bates Laboratories, Inc. (See Sweeney, J. L., and Chipman, assignors.)
- Batkin, Gregory, New York, N. Y. Game device. 112,674; Dec. 27.
- Bauer, Bernard and E. Steiner, New York, N. Y. Brooch or similar article. 109,289; Apr. 19.
- Bauer, Bernard, and E. Steiner, New York, N. Y. Brooch or similar article. 112,036; Nov. 8.
- Bauer Type Foundry, Inc., The. (See Schneider, Frederick H. E., assignor.)
- Bauers, Alexander L., La Grange, assignor to General Outdoor Advertising Co., Chicago, Ill. Signboard. 112,430; Dec. 6.
- Baum, Albert J., assignor to American Chair Company, Sheboygan, Wis. Chair. 112,270; Nov. 22.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,008; Jan. 18.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,009; Jan. 18.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,136; Jan. 25.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,148; Jan. 25.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,149; Jan. 25.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Trim for a door or window frame or the like. 110,383; July 5.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,452; July 12.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,453; July 12.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,454; July 12.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,455; July 12.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,456; July 12.



- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,457; July 12.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,458; July 12.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,459; July 12.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,460; July 12.
- Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Doorframe. 110,461; July 12.
- Bausch & Lomb Optical Company. (See Gallasch, George E., assignor.)
- Bausch & Lomb Optical Company. (See Kurtz, Henry F., assignor.)
- Bautista, Pedro, Brooklyn, N. Y. Combined vanity unit and handbag. 108,150; Jan. 25.
- Baxter, Ernest W., Detroit, Mich. Bicycle. 112,593; Dec. 20.
- Bay State Optical Company. (See Nerney, George E., assignor.)
- Bear, Paul S., and H. E. Bucklen, assignors, by mesne assignments, to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Tip-over switch case or the like. 111,780; Oct. 18.
- Beatty, David E. (See Uecker, R. A., Beatty, and Rambo.)
- Beau Peep Products. (See Wiener, Jerome L., assignor.)
- Beaumont, Oliver H. (See Lykos, J., and Beaumont.)
- Beck, Frank H., Shelbyville, Tenn. Combined eraser and pencil tip. 112,582; Dec. 13.
- Becker, Lester O., assignor to Joseph Pavelka, St. Louis, Mo. Rail bender. 110,608; July 26.
- Becker, Nathan, New York, N. Y. Tank bulb. 110,337; July 5.
- Beeber, Jack, New York, N. Y. Physician's equipment cabinet. 111,503; Sept. 27.
- Beer, Edwin, Athens, Ga. Book end. 111,236; Sept. 13.
- Begg, William J., New York, N. Y. Convertible trunk or similar article. 111,105; Aug. 30.
- Behr, Harry C. A., York, assignor of one-half to C. H. Sweltzer, New Freedom, Pa. Rain stocking. 108,928; Mar. 22.
- Behr, Harry C. A., York, and C. H. Sweltzer, New Freedom, Pa. Combined tooth paste dispenser, glass, and brush holder. 108,725; Mar. 8.
- Behr, Siegfried, Flushing, assignor to Ben Hur Products, Inc., New York, N. Y. Barrette. 110,167; June 21.
- Behrel, Giraud W., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Service bar back counter. 110,014; June 7.
- Behrel, Giraud W., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Service bar back counter. 110,015; June 7.
- Behrel, Giraud W., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Service bar back counter. 110,064; June 14.
- Behrel, Giraud W., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Service bar back counter. 110,065; June 14.
- Bell, Gertrude T., Auburn, Wash. Apron. 108,275; Feb. 1.
- Bellinson, Dorothy, New York, N. Y. Dress. 109,363; Apr. 19.
- Bellinson, Dorothy, New York, N. Y. Dress. 109,681; May 10.
- Bellinson, Dorothy, New York, N. Y. Dress. 109,682; May 10.
- Bellinson, Dorothy, New York, N. Y. Dress. 109,779; May 17.
- Beitchman, Louis, and A. Hechtman, Brooklyn, N. Y. Wedding ring. 109,290; Apr. 19.
- Beitler, Gertrude D., Detroit, Mich. Toy animal. 109,202; Apr. 12.
- Belanger, Louis J., Granterville, Vt. Welder's tool. 109,601; May 10.
- Beldoch, Albert L., New York, N. Y. Textile fabric. 112,359; Nov. 29.
- Bell, Dan H., Pittsburgh, Pa., assignor to Transit Research Corporation, New York, N. Y. Rail car or similar article. 110,384; July 5.
- Bell, Elmer, assignor to Bryce Brothers Company, Mount Pleasant, Pa. Stemmed goblet or similar article. 107,739; Jan. 4.
- Bell, Elmer, assignor to Bryce Brothers Company, Mount Pleasant, Pa. Stemmed goblet or similar article. 108,557; Feb. 22.
- Bell, Elmer, assignor to Bryce Brothers Company, Mt. Pleasant, Pa. Stemmed goblet. 108,741; Mar. 8.
- Bell, Harry W., Akron, Ohio, assignor to Durable Mat Company, Seattle, Wash. Link for a floor mat. 111,804; Oct. 18.
- Bell Telephone Laboratories, Incorporated. (See Elghmey, David T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Lum, George R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Lum, G. R., assignor, and Mell.)
- Bell Telephone Laboratories, Incorporated. (See Marshall, Robert N., assignor.)
- Bellanca, Frank M., Forest Hills, N. Y. Airplane or the like. 108,816; Mar. 15.
- Bellem, Lewis S., Jr., assignor to Coto-Coil Co., Inc., Providence, R. I. Hand control for radio and like apparatus. 110,995; Aug. 23.
- Belmont Radio Corporation. (See Marholz, Richard C., assignor.)
- Belmont Radio Corporation. (See Wronke, Louis J., assignor.)
- Belmont Radio Corporation. (See Wronke, L. J., and Marholz, assignors.)
- Beluche, Fernand E., Williamsville, and W. F. Brace, Buffalo, N. Y. Garment drying apparatus. 112,243; Nov. 22.
- Bemis, Kenneth E., Oakland, Calif. Combined display and serving dish. 108,656; Mar. 1.
- Bemporad, Richard F., New York, N. Y. Rug. 108,742; Mar. 8.
- Bemporad, Richard F., assignor to Atlantic Rug Co., Inc., New York, N. Y. Rug. 107,890; Jan. 11.
- Ben-Burk, Inc. (See Berkowitz, Hyman C., assignor.)
- Bendix Aviation Corporation. (See Friez, Lucien L., assignor.)
- Bendix Radio Corporation. (See Mead, C. E., and Sturm, assignors.)
- Benfield, John D., Detroit, Mich. Pipe bending tool. 111,870; Oct. 25.
- Ben Hur Products, Inc. (See Behr, Siegfried, assignor.)
- Benjamin, Benjamin, Freeport, N. Y. Shoe. 108,315; Feb. 8.
- Benjamin, Benjamin, Freeport, N. Y. Shoe or similar article. 110,238; June 28.
- Benjamin, Benjamin, Freeport, N. Y. Shoe or similar article. 110,239; June 28.
- Benjamin, Benjamin, Freeport, N. Y. Shoe or similar article. 110,427; July 12.
- Benjamin Electric Mfg. Company. (See Waterbury, John H., assignor.)
- Bennett, Arthur J., Cambridge, Ohio. Oyster server plate or similar article. 111,504; Sept. 27.
- Bennett, Arthur J., Cambridge, Ohio. Bowl or similar article. 111,948; Nov. 1.
- Bennett, Arthur J., Cambridge, Ohio. Goblet or similar article. 111,949; Nov. 1.
- Bennett, Arthur J., Cambridge, Ohio. Plate or similar article. 111,950; Nov. 1.
- Bennett, Arthur J., Cambridge, Ohio. Relish dish or similar article. 111,951; Nov. 1.
- Bennett, Arthur J., Cambridge, Ohio. Deviled egg plate or similar article. 112,168; Nov. 15.
- Bennett, Charles A. (See Gerth, W. H., Allen, and Bennett.)
- Bennett, Edna C., New York, N. Y. Belt. 111,532; Sept. 27.
- Bennett, Mark J., Denver, Colo. Wall-plaque ashtray. 110,338; July 5.
- Benninghofen, Paul, et al., trustees. (See Katz, Russell, assignor.)
- Bensl, Jean, New York, N. Y. Dress. 107,919; Jan. 11.
- Benson, George O., Niagara Falls, N. Y. Automobile radio antenna. 109,541; May 3.
- Bentler, Harold, Los Angeles, Calif. Wrist watch case. 110,578; July 19.
- Benton, Culmer C. (See Calencia, Ernesto, assignor.)
- Benton, Wallace H., assignor to The Selby Shoe Co., Portsmouth, Ohio. Shoe. 110,609; July 26.
- Benton, Wallace H., assignor to The Selby Shoe Co., Portsmouth, Ohio. Shoe. 110,610; July 26.
- Benton, Wallace H., assignor to The Selby Shoe Co., Portsmouth, Ohio. Shoe. 110,634; July 26.
- Bentz, George B., New York, N. Y. Bathroom tub stool. 110,513; July 12.
- Benziger Brothers. (See Coto, Chester D., assignor.)
- Berg, Martin, New York, N. Y. Eyeshade. 109,387; Apr. 26.
- Berg, Martin, New York, N. Y. Hat. 110,168; June 21.
- Bergen, George W., West Belmar, and R. B. Dabney, Manasquan, N. J. Combined drink stirrer and pick. 108,558; Feb. 22.
- Berger, Dewey G., South Gate, Calif. Sign. 110,356; Aug. 16.
- Berger, Louis, New York, N. Y. Dress. 111,059; Aug. 30.
- Berger, Morris, New York, N. Y. Suit ensemble. 109,364; Apr. 19.
- Berger, Rosemary, New Rochelle, N. Y. Textile fabric. 112,392; Nov. 29.
- Berger, Rosemary, New Rochelle, N. Y. Textile fabric. 112,393; Nov. 29.
- Berger, Rosemary, New Rochelle, N. Y. Textile fabric. 112,394; Nov. 29.
- Bergman, Benjamin S., New York, N. Y. Sequin embroidered applique. 110,771; Aug. 2.
- Berk, Harry S., Brooklyn, N. Y. Combined handle and frame for mirror or similar article. 111,274; Sept. 13.
- Berk, Lewis, Brooklyn, N. Y., assignor to H. Greenberg, Philadelphia, Pa., and L. Jostelsberg, New York, N. Y. Safety razor. 109,694; May 17.
- Berkheimer, Benjamin P., Greenville, Ohio. Kitchen stove. 110,916; Aug. 16.
- Berkheimer, Benjamin P., Greenville, Ohio. Kitchen stove. 110,917; Aug. 16.
- Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Can opener. 109,388; Apr. 26.



- Berkowitz, Hyman C., assignor to Ben-Burk, Inc., Boston, Mass. Bottle. 112,632; Dec. 20.
- Berland, Joseph, New York, N. Y. Ring mounting or similar article. 112,271; Nov. 22.
- Berlin, Donovan R., Eggertsville, N. Y. Airplane. 107,850; Jan. 11.
- Berlinger, Joseph F., New York, N. Y. Scarf blouse. 107,920; Jan. 11.
- Berman, Adolph, assignor to U. S. Liqueur Corp., New York, N. Y. Combined bottle stopper and liquid pourer. 109,045; Mar. 29.
- Berman, Israel, New York, N. Y. Slipper. 110,955; Aug. 23.
- Berman, Israel, New York, N. Y. Slipper. 110,956; Aug. 23.
- Berman, Israel, New York, N. Y. Slipper. 111,115; Aug. 30.
- Berman, Israel, New York, N. Y. Slipper. 111,845; Oct. 25.
- Berman, Israel, New York, N. Y. Shoe or similar article. 112,328; Nov. 29.
- Berman, Israel, New York, N. Y. Shoe or similar article. 112,329; Nov. 29.
- Berman, Sam, Brooklyn, N. Y. Hat. 109,469; May 3.
- Bernardi, Anonte, A. Logli, and M. Zoppi, Detroit, Mich. Accordion. 109,884; May 31.
- Bernhardt, Rudolph, Chicago, Ill. Sprayer pump. 108,599; Feb. 22.
- Bernhardt, Rudolph, Chicago, Ill. Container closure. 110,559; July 19.
- Bernstein, Alice, New York, N. Y. Powder puff or similar article. 111,060; Aug. 30.
- Bernstein, Milton, Brooklyn, N. Y. Fork or similar article. 111,316; Sept. 20.
- Berry, Adoree E., Oakland, Calif. Badge. 107,740; Jan. 4.
- Berry, Helen, New York, N. Y. Dress. 107,940; Jan. 18.
- Berry, Helen, New York, N. Y. Dress. 107,941; Jan. 18.
- Berry, Helen, New York, N. Y. Dress. 107,942; Jan. 18.
- Berry, Helen, New York, N. Y. Dress ensemble. 108,506; Feb. 15.
- Berry, Helen, New York, N. Y. Dress. 109,602; May 10.
- Berry, Helen, New York, N. Y. Dress. 109,780; May 17.
- Berry, Helen, New York, N. Y. Dress. 109,781; May 17.
- Berry, Helen, New York, N. Y. Dress. 109,839; May 24.
- Berry, Helen, New York, N. Y. Dress. 110,300; June 28.
- Best, John H. & Sons, Inc. (See Best, Leon H., assignor.)
- Best, Leon H., assignor to John H. Best & Sons, Inc., Galva, Ill. Display rack. 108,611; Mar. 1.
- Best, Leon H., assignor to John H. Best & Sons, Inc., Galva, Ill. Display platform for rugs or the like. 112,512; Dec. 13.
- Betmar Hats, Inc. (See Marks, Murray, assignor.)
- Bettmann, Jesse W., New York, N. Y. Knitted looped fabric. 110,339; July 5.
- Beveridge, Frank S., Westfield, Mass. Brush or the like. 109,634; May 10.
- Bevin Bros. Manufacturing Co. (See Bevin, Stanley A., assignor.)
- Bevin, Stanley A., assignor to Bevin Bros. Manufacturing Co., East Hampton, Conn. Bell. 109,032; Mar. 29.
- Beyrle, Thomas, Los Angeles, Calif. Display stand. 109,291; Apr. 19.
- Beyrle, Thomas, Los Angeles, Calif. Display rack. 109,389; Apr. 26.
- Bezault, Georges A. J., Juvisy-sur-Orge, France, assignor to Cartier, Societe Anonyme, Clip. 110,635; July 26.
- Bibula, Jacob L., New York, N. Y. Belt. 111,888; Oct. 25.
- Bicks, Jean W., Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 111,169; Sept. 6.
- Biel, Edward J., Brookline, Mass. Moccasin or similar article. 108,112; Jan. 25.
- Biel, Edward J., Brookline, Mass. Moccasin or similar article. 111,484; Sept. 27.
- Blenstock, Samuel J., New York, N. Y. Return post card blotter. 109,201; Apr. 12.
- Bierman, Jack, Chicago, Ill. Ashtray. 112,431; Dec. 6.
- Biever, William H., Philadelphia, Pa. Lamp shade. 112,189; Nov. 15.
- Bill, George W., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Combined manual and automatic tuning panel for automobile radio sets. 112,360; Nov. 29.
- Billings, Robert T., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 112,569; Dec. 13.
- Binks Manufacturing Company. (See Tammen, Glenn W., assignor.)
- Biondo, Santa, and A. M. Langen, New York, N. Y. Handkerchief case or similar article. 111,275; Sept. 13.
- Birch, Herbert M., Washington, D. C. Trousers. 112,402; Nov. 29.
- Bird & Son, Inc. (See Halladay, Stuart C., assignor.)
- Bireley, Frank W., Hollywood, assignor to Bireley's Incorporated, Los Angeles, Calif. Bottle. 112,190; Nov. 15.
- Bireley, Frank W., Hollywood, assignor to Bireley's Incorporated, Los Angeles, Calif. Bottle. 112,191; Nov. 15.
- Bireley's Incorporated. (See Bireley, Frank W., assignor.)
- Bischof, George, Union City, N. J. Textile fabric. 111,116; Aug. 30.
- Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Power transmitting unit. 112,102; Nov. 8.
- Bissell, James, Baltimore, Md. Combination salt and pepper shaker. 107,741; Jan. 4.
- Bitterman, Jacob L., New York, N. Y. Shoe. 112,330; Nov. 29.
- Bitterman, Jacob L., New York, N. Y. Shoe. 112,331; Nov. 29.
- Bitterman, Jacob L., New York, N. Y. Shoe. 112,332; Nov. 29.
- Bitterman, Jacob L., New York, N. Y. Shoe. 112,333; Nov. 29.
- Bitterman, Jacob L., New York, N. Y. Shoe. 112,416; Dec. 6.
- Bittner, Charles C., and J. H. Stiska, Chicago, Ill. Swivel joint fitting. 112,875; Dec. 27.
- Bittson, Anthony J., New York, N. Y. Advertising device. 111,889; Oct. 25.
- Biya, Lucien, New York, N. Y., assignor to W. E. Roschen, A. A. Levy, and J. Hastedt, co-executors of the estate of Otto Timme, deceased. Rug. 108,258; Feb. 1.
- Biya, Lucien, New York, N. Y., assignor to W. E. Roschen, Spring Lake, N. J., A. A. Levy, New York, N. Y., and J. Hastedt, Jersey City, N. J., co-executors of the estate of O. Timme, deceased, doing business as E. F. Timme & Son, New York, N. Y. Textile fabric. 108,635; Mar. 1.
- Blackhawk Mfg. Co. (See Mandl, Sigmund, assignor.)
- Blackhawk Mfg. Co. (See Pfauser, Edward M., assignor.)
- Blackinton, R., & Co. (See Joslin, Charles A., assignor.)
- Blackstone Manufacturing Company. (See Conterman, Fred A., assignor.)
- Blackstone Silver Company. (See Cheron, Pierre J., assignor.)
- Blake, Beatrice B., Los Angeles, Calif., assignor of one-half to E. L. Gernert. Pencil. 112,750; Dec. 27.
- Blake, Bruce S. (See Stotler, Forrest L., assignor.)
- Blake Manufacturing Corporation. (See Cargill, William W., assignor.)
- Blake Manufacturing Corporation. (See Coleman, Willis P., assignor.)
- Blake Manufacturing Corporation. (See Wood, Orville T., assignor.)
- Blanc, Marinette, assignor to Fownes Brothers & Co. Incorporated, New York, N. Y. Glove. 109,997; June 7.
- Black & Co. (See Barth, Bruno H., assignor.)
- Bloch, Leon, assignor to The Globe Valve Corporation, Cleveland, Ohio. Combined faucet and soap dish. 111,011; Aug. 23.
- Bloom, Israel L., Denver, Colo. Wrist watch. 107,943; Jan. 18.
- Bloom, Morris, New York, N. Y. Dress. 110,169; June 21.
- Bloomfield, Samuel, Chicago, Ill. Display stand. 108,418; Feb. 15.
- Bloomfield, Samuel, Chicago, Ill. Fruit juicer. 110,203; June 21.
- Blum, Herman, Philadelphia, Pa. Textile fabric. 112,732; Dec. 27.
- Blum, Norman, New York, N. Y. Glove. 112,583; Dec. 13.
- Blumenthal, Irene, New York, N. Y. Embroidered fabric. 111,871; Oct. 25.
- Blunt, Royden A., Baltimore, Md. Bottle. 112,272; Nov. 22.
- Blunt, Royden A., Baltimore, Md. Bottle. 112,273; Nov. 22.
- Blunt, Royden A., Baltimore, Md. Bottle. 112,274; Nov. 22.
- Blunt, Royden A., Baltimore, Md. Bottle. 112,275; Nov. 22.
- Blunt, Royden A., Baltimore, Md. Bottle. 112,276; Nov. 22.
- Blunt, Royden A., Baltimore, Md. Bottle. 112,277; Nov. 22.
- Blythe, Minor. (See Sunquist, L., and Blythe.)
- Bobri, Vladimir, assignor to Parfums Chevalier Garde, Inc., New York, N. Y. Perfume bottle or the like. 110,793; Aug. 9.
- Bobroff, Bornett L., Racine, Wis. Signal lamp for automotive vehicles. 112,689; Dec. 27.
- Bocchino, Michael, Passaic, N. J. Clothesline tightener. 107,944; Jan. 18.
- Boecking, Ewald, Great Kills, Staten Island, assignor to International Projector Corporation, New York, N. Y. Motion picture projector. 110,240; June 28.
- Boepple, Hans, New York, N. Y. Sweater. 111,470; Sept. 20.
- Boepple, Hans, New York, N. Y. Sweater. 111,890; Oct. 25.
- Bogress, Thomas G., Kirksville, Mo. Token dispenser. 110,082; June 14.
- Bohland, Gustav, Miami Beach, Fla. Souvenir key. 112,050; Nov. 8.
- Bohme, Herman, Oakland, Calif. Ash receiver or similar article. 112,454; Dec. 6.
- Bohme, Herman, Oakland, Calif. Paperweight or similar article. 112,455; Dec. 6.
- Bohme, Herman, Oakland, Calif. Desk penholder. 112,456; Dec. 6.
- Bohme, Herman, Oakland, Calif. Lamp. 112,457; Dec. 6.



- Bohn, Walter J., assignor to Acme Specialty Company, Toledo, Ohio. Shaving mirror or the like. 109,046; Mar. 29.
- Bohn, Walter J., assignor to Acme Specialty Company, Toledo, Ohio. Vanity mirror or the like. 109,047; Mar. 29.
- Bohn, Walter J., assignor to Acme Specialty Company, Toledo, Ohio. Toilet mirror. 112,432; Dec. 6.
- Boker, H., & Co. (See Mirsky, Nathaniel, assignor.)
- Boller, Arthur P., Oak Park, assignor to S. C. Lawlor Company, Chicago, Ill. Housing for floor treating machine. 109,470; May 3.
- Bolser, Clark M., assignor to The Bolser Corporation, Cedar Falls, Iowa. Reflector lens or the like. 109,310; Apr. 19.
- Bolser, Clark M., assignor to The Bolser Corporation, Cedar Falls, Iowa. Combined side lamp and bracket for trucks. 112,244; Nov. 22.
- Bolser Corporation, The. (See Bolser, Clark M., assignor.)
- Bolten, John, Andover, Mass. Pair of goggles or similar article. 111,129; Sept. 6.
- Bond, Willard H. Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 109,005; Mar. 22.
- Bond, Willard H. Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 111,317; Sept. 20.
- Bond, Willard H. Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 111,485; Sept. 27.
- Bond, Willard H. Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 111,505; Sept. 27.
- Bond, Willard H. Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair seat. 111,952; Nov. 1.
- Bond, Willard H. Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Combined chair and desk. 111,953; Nov. 1.
- Bond, Willard H. Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 112,051; Nov. 8.
- Bond, Willard H. Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair standard. 112,334; Nov. 29.
- Bond, Willard H. Jr., East Grand Rapids, Mich., and O. Mankki, Cleveland Heights, Ohio, assignors to American Seating Company, Grand Rapids, Mich. Combined desk and chair. 109,203; Apr. 12.
- Bonnetti Freres. (See Emerit, Jean, assignor.)
- Bontoon Molding Company. (See Groos, Christian J., assignor.)
- Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Heater. 111,891; Oct. 25.
- Borden, Bore, New York, N. Y. Textile fabric. 107,817; Jan. 4.
- Borel, Stanley R., Cheshire, assignor to The Patent Button Company, Waterbury, Conn. Button. 109,204; Apr. 12.
- Borel, Stanley R., Cheshire, assignor to The Patent Button Company, Waterbury, Conn. Button. 111,130; Sept. 6.
- Borman, Emil, Chicago, Ill. Heel. 110,794; Aug. 9.
- Bostonia Beverages, Inc. (See D'Addario, Thomas D., assignor.)
- Botany Worsted Mills. (See Staines, Samuel E., assignor.)
- Botham, Arthur R., New York, N. Y. Transparent cosmetic compact. 109,205; Apr. 12.
- Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Transparent cosmetic compact. 111,061; Aug. 30.
- Bottome, Edgar M., assignor to Fostoria Glass Company, Moundsville, W. Va. Goblet or similar article. 109,974; June 7.
- Bottome, Edgar M., assignor to Fostoria Glass Company, Moundsville, W. Va. Plate or similar article. 109,975; June 7.
- Boucher, Marcel, New York, N. Y. Brooch pin or similar article. 109,292; Apr. 19.
- Boulton, Berthoud C., Towson, and J. S. McDonnell, Jr., Baltimore, assignors to The Glenn L. Martin Company, Baltimore, Md. Airplane. Des. Re. 20,900; Nov. 1.
- Boulton, Berthoud C., Towson, and J. S. McDonnell, Jr., assignors to The Glenn L. Martin Company, Baltimore, Md. Airplane. 107,891; Jan. 11.
- Bourjols, Inc. (See Whitaker, Harris, assignor.)
- Bouteny Freres. (See Muringer, Roger, assignor.)
- Bowen, James M., Cape May Court House, N. J., assignor to S. L. Allen & Co., Inc., Philadelphia, Pa. Sled runner. 109,240; Apr. 12.
- Bowen, Stuart F., Glen Ridge, N. J. Combination conister and ashtray. 109,510; May 3.
- Bowes, Arthur S., Chicago, Ill. Combined container and dispenser for nested dishes or the like. 112,751; Dec. 27.
- Bowie, Robert M., Emporium, Pa. Cathode ray tube or similar article. 112,474; Dec. 6.
- Boyer, Alfred O., and G. F. Appleby, St. Paul, Minn. Refrigerator. 108,559; Feb. 22.
- Boysen, George M., Philadelphia, Pa. Lace. 107,818; Jan. 4.
- Boysen, George M., Philadelphia, Pa., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 108,968; Mar. 22.
- Boysen, George M., Philadelphia, Pa. Lace. 109,174; Apr. 5.
- Boysen, George M., Philadelphia, Pa. Lace. 112,138; Nov. 8.
- Boysen, George M., Philadelphia, Pa. Lace. 112,403; Nov. 29.
- Brabeck, George E., St. Paul, Minn. Combination knitted hood and scarf. 109,782; May 17.
- Brace, William F. (See Beluche, F. E., and Brace.)
- Bradley, Eric H., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Dispensing casing. 108,063; Jan. 25.
- Bradley, Eric H., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Faceplate for a see-gauge for liquid dispensing apparatus. 108,419; Feb. 15.
- Brady, Mardy, New York, N. Y. Raincoat. 109,122; Apr. 5.
- Brand, Albert S., Boston, and L. W. Kendrick, Wellesley, Mass. Combination desk unit. 110,889; Aug. 16.
- Brandeis, Sidney, assignor to Continental Glass Corporation, Chicago, Ill. Glass bottle. 112,103; Nov. 8.
- Brandels, Sidney L., Chicago, Ill., assignor to Brockway Glass Company, Inc., Brockway, Pa. Bottle. 108,010; Jan. 18.
- Brannan, Paul M. (See Janca, J. J., and Brannan.)
- Brannock, Agnes C., Syracuse, N. Y. Spoon. 109,795; May 24.
- Bratman, Barnet, and W. Stechel, New York, N. Y. Shirt. 109,828; May 24.
- Braude, Abraham S., Chicago, Ill. Display case for watches. 108,420; Feb. 15.
- Braun, Alfred. (See Tilton, J. R., and Braun.)
- Braun, Francis F., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Paper file or similar article. 109,033; Mar. 29.
- Bray, Lonnie G., Washington, D. C. Game table. 112,676; Dec. 27.
- Breer, Edna, New York, N. Y. Dress. 112,475; Dec. 6.
- Breer, Edna, New York, N. Y. Dress. 112,758; Dec. 27.
- Bregman, Harry, assignor to The Steel Stamping Company, Lorain, Ohio. Combined hand telephone and stand therefor. 109,123; Apr. 5.
- Brenkert Light Production Company. (See Horlitt, Henry M., assignor.)
- Brennan, Raymond F., Attleboro, Mass. Combined book-mark and holder clip. 111,781; Oct. 18.
- Brenner, Alphonse, Shreveport, La. Ottoman. 109,796; May 24.
- Brenner, Elizabeth A., Youngstown, Ohio. Spoon or other article of flatware. 111,131; Sept. 6.
- Brenner, Elizabeth A., Youngstown, Ohio. Spoon or other article of flatware. 111,132; Sept. 6.
- Brenner, Elizabeth A., Youngstown, Ohio. Spoon or other article of flatware. 111,133; Sept. 6.
- Brenner, Joseph, New York, N. Y. Dress. 111,297; Sept. 13.
- Brenner, Louis J., New York, N. Y. Textile fabric. 110,307; June 28.
- Brenner, Louis J., New York, N. Y. Textile fabric. 110,308; June 28.
- Brenner, Louis J., New York, N. Y. Textile fabric. 110,340; July 5.
- Brenner, Louis J., New York, N. Y. Textile fabric. 110,409; July 5.
- Breuss, Walter F., Leonia, N. J. Lace fabric or the like. 110,474; July 12.
- Breuss, Walter F., Leonia, N. J. Lace fabric or the like. 110,475; July 12.
- Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 110,476; July 12.
- Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 110,514; July 12.
- Brewer, Chas. A., & Sons. (See Brewer, Everett R., assignor.)
- Brewer, Everett R., assignor to Chas. A. Brewer & Sons, Chicago, Ill. Hot dish mat. 110,066; June 14.
- Bridgeport Metal Goods Manufacturing Company, The. (See Ferris, Isaac L., assignor.)
- Brief, Adolph, New York, N. Y. Evening wrap. 111,603; Oct. 11.
- Bright Star Battery Company. (See Desimone, Anthony J., assignor.)
- Brill, Allan, Chicago, Ill. Beverage tumbler. 108,421; Feb. 15.
- Brindley, Leonard, assignor to The Hall China Company, East Liverpool, Ohio. Teapot. 110,170; June 21.
- Briner, Darrell E., Winchester, Ind., assignor to Olean Glass Company, Olean, N. Y. Jar. 107,742; Jan. 4.
- Briner, Darrell E., Winchester, Ind., assignor to Parsons Ammonia Company, Inc., New York, N. Y. Bottle. 108,113; Jan. 25.
- Brishane, Eugene C., assignor to S. Morgan Smith Company, York, Pa. Plug valve body unit. 109,206; Apr. 12.
- Bristol Company, The. (See Wetherbee, Charles F., assignor.)
- Bristol Myers Company. (See Herrick, G. L., Hardie, and Cobb, assignors.)
- Brockway Glass Company. (See Brandels, Sidney L., assignor.)



- Brockway Glass Company. (See Mengle, Glenn A., assignor.)
- Brodes, William S., New Haven, Conn. Piece of confectionery. 108,726; Mar. 8.
- Brodton, Lynn, Collingswood, N. J. Top for automotive vehicles. 107,902; Jan. 11.
- Broeren, Frank L., Neenah, and S. N. Hope, Wauwatosa, assignors to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for paper napkins. 108,560; Feb. 22.
- Broeren, Frank L., Neenah, B. T. Hoffmaster, Menasha, and A. S. Krueger, Green Bay, assignors to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for interfolded sheets. 108,561; Feb. 22.
- Brogden, Ernest M., Orlando, Fla. Display container or similar article. 109,048; Mar. 29.
- Brook, Arthur, Brooklyn, N. Y. Textile fabric or analogous article. 108,929; Mar. 22.
- Brook, Arthur, Brooklyn, N. Y. Textile fabric or analogous article. 108,930; Mar. 22.
- Brookings, Walter D., Jr., Alexandria, Va. Advertising device. 110,385; July 5.
- Brooks, John W., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Lamp shade. 110,890; Aug. 16.
- Brooks, John W. H., Philadelphia, Pa. Textile fabric. 108,824; Mar. 15.
- Brooks, John W. H., Wynnewood, Pa. Textile fabric or similar article. 112,335; Nov. 29.
- Brooks, Melvin. (See Patty, W., and Brooks.)
- Broussard, Robert, and C. A. Toce, assignors to Parkrite Corporation, Houston, Tex. Parking meter casing. 108,712; Mar. 8.
- Broussard, Robert, and C. A. Toce, Houston, Tex., and C. Waltman, Chicago, Ill., assignors to Parkrite Corporation, Houston, Tex. Parking meter casing. 109,034; Mar. 29.
- Broussard, Robert F., and C. A. Toce, assignors to Parkrite Corporation, Houston, Tex. Parking meter. 112,677; Dec. 27.
- Brown, Arthur, Jr., Hillsborough, assignor to San Francisco Bay Exposition, San Francisco, Calif. Commemorative emblem or similar article. 110,016; June 7.
- Brown & Bigelow. (See Ottewell, Owen S., assignor.)
- Brown & Bigelow. (See Trollden, Martin E., assignor.)
- Brown, Frances R., Watertown, N. Y. Window cleaning brush. 111,170; Sept. 6.
- Brown, Garvin M., assignor to Indianapolis Stove Co., Indianapolis, Ind. Stove. 110,611; July 26.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 108,422; Feb. 15.
- Brown, John C., New York, N. Y. Serving tongs. 108,011; Jan. 18.
- Brown, Le Roy O., Chicago, Ill., assignor to Justrite Manufacturing Company. Electric lantern. 111,626; Oct. 4.
- Brown, Percy M. (See Garry, O. S., and Brown.)
- Brown & Sharpe Manufacturing Company. (See Mathewson, Maxwell I., assignor.)
- Brown, Sol, Newark, N. J. Cabinet for check controlled apparatus. 107,851; Jan. 11.
- Brown, William, New York, N. Y., assignor to C. H. Masland & Sons, Inc., Carlisle, Pa. Carpet or similar article. 111,117; Aug. 30.
- Brown, Winfield P., and J. W. Prest, St. Paul, Minn. Garment blocker. 109,006; Mar. 22.
- Browne, Richard C. (See Payne, W. B., and Browne.)
- Browne, Richard C. (See Todd, W. L., and Browne, assignors.)
- Browne, Richard C., assignor to The Todd Company, Inc., Rochester, N. Y. Check or similar article. 111,171; Sept. 6.
- Browner, A. Edward, New York, N. Y. Combined handbag and glove container therefor. 109,542; May 3.
- Brownscombe, Philip J. (See Kende, G., and Brownscombe.)
- Bruce, Leo I., Jr., Framingham, Mass., assignor to The Fitzgerald Manufacturing Company, Winsted, Conn. Flatiron. 110,266; June 28.
- Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 112,594; Dec. 20.
- Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 112,595; Dec. 20.
- Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 112,596; Dec. 20.
- Bruner, Ray A., and C. A. Mitchell, Muncie, Ind. Ashtray. 112,690; Dec. 27.
- Brunhoff Manufacturing Company, The. (See Hand, Thomas L., assignor.)
- Brunner, Elmer F., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 108,097; Jan. 25.
- Brunswick-Balke-Collender Company, The. (See Behrel, Giraud W., assignor.)
- Brunswick-Balke-Collender Company, The. (See Deskey, Donald, assignor.)
- Bryce Brothers Company. (See Bell, Elmer, assignor.)
- Bubenheim, Peter, New York, N. Y. Scarf or similar article. 111,627; Oct. 4.
- Buchalter, Moses, New York, N. Y. Wrap cover for canned products. 108,317; Feb. 8.
- Buchheim, Herman E., Cambridge, assignor to Heywood-Wakefield Company, Gardner, Mass. Desk or similar article. 107,743; Jan. 4.
- Buchsbaum, Chester, Chicago, Ill. Suspender buckle-rocket. 110,843; Aug. 9.
- Buckingham, John D., assignor to Lucien Lelong, Inc., Chicago, Ill. Perfume bottle or similar article. 111,954; Nov. 1.
- Bucklen-Bear Laboratories, Inc. (See Bear, P. S., and Bucklen, assignors.)
- Bucklen, Herbert E. (See Bear, P. S., and Bucklen.)
- Budd, Edward G., Manufacturing Company. (See Cret, P. P., and Patton, assignors.)
- Budd, Edward G., Manufacturing Co. (See de Sakhnoffsky, Alexis, assignor.)
- Budd, Edward G., Manufacturing Company. (See Patton, J. W., and Cret.)
- Budlong, Robert D., Chicago, Ill., assignor to United Autographic Register Co. Autographic register. 110,536; July 19.
- Buds, Carmen A., Stamford, Conn. Fortune teller's bob. 111,782; Oct. 18.
- Bueche, William, Cheviot, Ohio. Combination chalk and cigarette holder for bowling alley newel posts. 110,636; July 26.
- Buegeleisen, Harry, New York, N. Y. Musical instrument case. 108,636; Mar. 1.
- Bueschel, Fritz, Hackettstown, N. J. Toy. 108,713; Mar. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Teacup or similar article. 108,354; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Teapot or similar article. 108,355; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,356; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Sugar bowl or similar article. 108,357; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Creamer or similar article. 108,358; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Jug or similar article. 108,359; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Bowl or similar article. 108,360; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Jar or similar article. 108,361; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Teapot or similar article. 108,362; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Teapot or similar article. 108,363; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Salt or pepper shaker. 108,364; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Salt or pepper shaker. 108,365; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Salt or pepper shaker. 108,366; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,367; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,368; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,369; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,370; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,371; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,372; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,373; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,374; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,375; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,376; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,377; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,378; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,379; Feb. 8.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,380; Feb. 8.
- Bunder, Bertha, Brooklyn, assignor to L. Corey, New York, N. Y. Chair or similar article. 109,433; Apr. 26.
- Bunting Glider Company. (See Goldberg, Aaron S., assignor.)
- Bunting, James H., Clifton, N. J. Textile fabric. 110,938; Aug. 16.
- Burall, Alfred D., assignor to Marbello Artcraft Co., Inc., Chicago, Ill. Wall plaque. 109,124; Apr. 5.
- Burdick, Richard, et al. (See Pollard, John H., assignor.)
- Burg, Priscilla and P., Syracuse, N. Y. Paper doll. 109,797; May 24.
- Burg, Prudence. (See Burg, Priscilla and P.)
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Closure plate for vehicle wheels or the like. 108,775; Mar. 15.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Closure plate for vehicle wheels or the like. 108,776; Mar. 15.
- Burgess, George F., assignor to Automotive Lighting Equipment, Inc., New Orleans, La. Combination clearance side marker and corner lamp for motor vehicles. 108,064; Jan. 25.



- Burgess, George F., assignor to Automotive Lighting Equipment, Inc., New Orleans, La. Combination clearance and side marker lamp for motor vehicles. 108,137; Jan. 25.
- Burgweger, Meta D. (See Reinecke, Jean O., assignor.)
- Burke, Lillian, New York, N. Y. Dress. 111,237; Sept. 13.
- Burke, Lillian, New York, N. Y. Dress. 111,238; Sept. 13.
- Burke, Lillian, New York, N. Y. Dress. 111,239; Sept. 13.
- Burke, Lillian, New York, N. Y. Dress. 112,312; Nov. 22.
- Burks, John W., Madison, Ala. Chair seat. 107,852; Jan. 11.
- Burnell, Fred L., Yonkers, N. Y., assignor to American Telephone and Telegraph Company. Ash receiver. 111,628; Oct. 4.
- Burns, Frederick M. B., New York, N. Y. Dress. 108,604; Feb. 22.
- Burns, Frederick M. B., New York, N. Y. Dress. 108,666; Mar. 1.
- Burns, Frederick M. R., New York, N. Y. Textile fabric. 107,853; Jan. 11.
- Burrow, Herbert T., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Range. 108,114; Jan. 25.
- Burrow, Herbert T., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Cooking stove. 110,762; Aug. 2.
- Burrows Company, The. (See Abbott, Scott M., assignor.)
- Burton-Dixie Corporation. (See Wesley, Arthur, assignor.)
- Burton, Edward F. (See Raymond, A. E., and Burton.)
- Buschman, Abraham L., New York, N. Y. Electric lamp or similar article. 109,907; May 31.
- Bushnell, Winslow, Los Angeles, Calif. Directory cabinet for indexing and displaying locations on maps. 111,892; Oct. 25.
- Butt, Savannah B., Baltimore, Md. Boot scraper. 109,603; May 10.
- Buttermilk Dispensers. (See McHenry, Walter O., assignor.)
- Buttl, Antonio, New York, N. Y. Accordion. 108,612; Mar. 1.
- Bux, Julius R., Melrose Park, assignor to J. Sullivan & Sons Mfg. Co., Philadelphia, Pa. Slide fastener tape. 109,390; Apr. 26.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 108,316; Feb. 8.
- Cable, Robert P., Dorchester, Mass. Textile fabric or similar article. 111,872; Oct. 25.
- Cadous, Esther, New York, N. Y. Nightgown. 111,471; Sept. 20.
- Cadous, Esther, Brooklyn, N. Y. Convertible cuff slipper or similar article. 111,783; Oct. 18.
- Cagney, Warren O., New York, N. Y. Buckle. 110,746; Aug. 2.
- Cahill, Andrew T., Des Moines, Iowa. Character doll or similar article. 112,336; Nov. 29.
- Cairns, Dorothy, New York, N. Y. Raincoat or similar article. 108,151; Jan. 25.
- Calderazzo, Dominick J., Brooklyn, N. Y. Slipper. 110,428; July 12.
- Calderazzo, Dominick J., Brooklyn, N. Y. Slipper. 110,429; July 12.
- Calderazzo, Dominick J., Brooklyn, N. Y. Shoe. 112,052; Nov. 8.
- Caldwell, Charles H., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 109,865; May 31.
- Caldwell, Charles H., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 109,866; May 31.
- Caldwell, Charles H., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe upper material. 109,867; May 31.
- Calencia, Ernesto, assignor of one-half to C. C. Benton, San Diego, Calif. Bottle cap remover. 109,695; May 17.
- California, The, State of. (See Rabito, Anthony, assignor.)
- Calleson, Amos and E. A., Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Metal bottle. 109,311; Apr. 19.
- Calleson, Edgar A. (See Calleson, Amos and E. A.)
- Calleson, Edgar A. (See McManus, C. E., and Calleson, Amos and E. A.)
- Callowhill, Percy J. (See McBride, C. A., and Callowhill.)
- Canelstein, Gotel, New York, N. Y. Embroidered textile fabric or similar article. 112,733; Dec. 27.
- Canelstein, Gotel, New York, N. Y. Embroidered textile fabric or similar article. 112,734; Dec. 27.
- Cannon, James D., Nashville, Tenn. Ashtray. 110,689; Aug. 2.
- Cantorbury, Franklin P., Kansas City, Mo. Portable bar. 111,648; Oct. 11.
- Cantrell, James H., Jellico, Tenn. Self propelling air compressor. 109,207; Apr. 12.
- Caplan, Moses. (See Ring, Evelyn, assignor.)
- Caplan, Moses, Boston, Mass. Chair pad cover. 110,309; June 28.
- Carborundum Company, The. (See Walker, Avery W., assignor.)
- Cargill, William W., Madison, Wis., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight casing. 110,267; June 28.
- Carlin, Harry J., Brooklyn, N. Y. Handbag. 110,612; July 26.
- Carlson, Carl W., Rockford, Ill. Drawer pull. 109,125; Apr. 5.
- Carlson, Carl W., Rockford, Ill. Drawer pull. 109,312; Apr. 19.
- Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 111,012; Aug. 23.
- Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 111,013; Aug. 23.
- Carlson, Philip, Long Hill, assignor to The Metropolitan Body Company, Bridgeport, Conn. Truck. 109,126; Apr. 5.
- Carlson, William G., assignor to Hedstrom-Union Company, Gardner, Mass. Chair. 109,471; May 3.
- Carman, Albert S., assignor to The Dentists' Supply Company of New York, New York, N. Y. Combined storage cabinet and display screen. 110,268; June 28.
- Carnegie, Hattie, Inc. (See Parzinger, Tommi, assignor.)
- Carnegie, Hattie, Inc. (See Penn, Irene, assignor.)
- Carney, Mary E. (See Connor, W. F., and Carney.)
- Carnicelli, Anthony, New York, N. Y. Coat. 111,014; Aug. 23.
- Carpenter, Drusilla G., Dallas, Tex. Sun suit or similar article. 112,298; Nov. 22.
- Carpenter, Edward W., Fairfield, Conn. Knife sharpener. 111,174; Sept. 6.
- Carpenter, Fontinelle S., Watertown, Mass. Clock. 108,488; Feb. 15.
- Carpenter, Glen R., Chicago, Ill. Jar. 110,477; July 12.
- Carr-Lowrey Glass Co. (See Bicks, Jean W., assignor.)
- Carr-Lowrey Glass Co. (See Kohl, William R., assignor.)
- Carr-Lowrey Glass Co. (See Lloyd, Philip G., assignor.)
- Carr-Lowrey Glass Co. (See McLaughlin, Frank, assignor.)
- Carrom Company, The. (See Stearns, Freeman R., assignor.)
- Carter, Walter H., and J. R. Rudderforth, Washington, D. C. Edible container or the like. 110,341; July 5.
- Carter's Ink Company, The. (See Brand, A. S., and Kendrick, assignors.)
- Cartier Societe Anonyme. (See Bezault, Georges A. J., assignor.)
- Carvalho, Leslie R. N., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Metal cap for bottles. 112,513; Dec. 13.
- Casas Robert, Ramon, Geneva, Switzerland. Sewing machine. 111,594; Oct. 4.
- Casco Products Corporation. (See Bahr, Gustave F., assignor.)
- Casco Products Corporation. (See Cochrane, Bert G., assignor.)
- Casco Products Corporation. (See Thibault, Joseph O., assignor.)
- Case, Byron A., Fort Wayne, Ind., assignor to General Electric Company. Transformer. 109,194; Apr. 5.
- Casey, Edward F., assignor to Converse Rubber Company, Malden, Mass. Overshoe or similar article. 109,759; May 17.
- Case, Harold W. (See Taylor, J. G., and Case.)
- Cass, Freeman R., assignor to Mitchell-Bissell Company, Trenton, N. J. Ashtray. 111,173; Sept. 6.
- Castell, Frank C., Carrol Park, Pa. Chair. 112,597; Dec. 20.
- Cavalieri, Rocco, Poughkeepsie, N. Y. Lamp. 109,840; May 24.
- Cavallo, James, Fairview, N. J. Broom cover. 112,361; Nov. 29.
- Cavignac, Frank H., New York, N. Y. Golf ball or the like. 108,065; Jan. 25.
- Cawthra, Ernest H., Menlo Park, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Twisted multiple connector. 109,293; Apr. 19.
- Cazin, Otto K., Hoboken, N. J., assignor to Universal Camera Corporation, New York, N. Y. Photo flash unit or similar article. 112,633; Dec. 20.
- Cearn, Milton H., Chicago, Ill. Hair drying apparatus. 111,805; Oct. 18.
- Cecil, Penelope, St. Louis, Mo. Pincushion. 112,228; Nov. 15.
- Cecil, William, New York, N. Y. Fruit juice extractor. 112,652; Dec. 20.
- Celbi, Lorenzo, New York, N. Y., assignor to Roma Wine Company, Inc., Lodi, Calif. Jug. 108,591; Feb. 22.
- Celluloid Corporation. (See North, Mary A., assignor.)
- Celluloid Corporation. (See Smith, Harry E., assignor.)
- Centerbar, Lorenzo R., Natick, Mass. Game device. 107,744; Jan. 4.
- Central Metallic Casket Co. (See Larson, Raymond, assignor.)
- Century Lighting, Inc. (See Levy, Joseph, assignor.)
- Cerrina, Sebastian, New York, N. Y. Table knocker. 112,053; Nov. 8.
- Chain Belt Company. (See Marshall, William B., assignor.)
- Chambart, Josephine, New York, N. Y. Dress. 111,721; Oct. 11.



- Chambart, Josephine, New York, N. Y. Dress. 112,018; Nov. 1.
- Chambers, Reuben H., Washington, D. C. Sorting device. 110,241; June 28.
- Champ Products Corporation. (See Schmidt, Albert, assignor.)
- Champion Knitwear Company. (See Friedland, Samuel N., assignor.)
- Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Hair drier or the like. 108,381; Feb. 8.
- Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined waffle iron and tray or similar article. 108,423; Feb. 15.
- Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined sandwich toaster and tray or similar article. 108,613; Mar. 1.
- Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric bread toaster or the like. 110,139; June 21.
- Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Sandwich toaster or similar article. 110,171; June 21.
- Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Food mixer or similar article. 110,579; July 19.
- Chapman, Jean, assignor to El Dorado Silk Co., Inc., New York, N. Y. Textile fabric. 109,606; May 10.
- Chapman, Jean, assignor to El Dorado Silk Co., Inc., New York, N. Y. Textile fabric. 109,653; May 10.
- Chapman, Samuel, New York, N. Y. Dress ensemble. 109,260; Apr. 12.
- Chapman, Samuel, New York, N. Y. Dress. 109,261; Apr. 12.
- Chapman, Samuel, New York, N. Y. Dress. 109,262; Apr. 12.
- Chapman, Samuel, New York, N. Y. Dress. 109,263; Apr. 12.
- Chapman, Samuel, New York, N. Y. Dress ensemble. 109,365; Apr. 19.
- Chapman, Samuel, New York, N. Y. Dress ensemble. 109,366; Apr. 19.
- Chapman, Samuel, New York, N. Y. Dress ensemble. 109,441; Apr. 26.
- Chapman, Samuel, New York, N. Y. Dress ensemble. 109,442; Apr. 26.
- Chapman, Samuel, New York, N. Y. Dress and scarf ensemble. 109,598; May 3.
- Chapman, Samuel, New York, N. Y. Dress ensemble. 110,763; Aug. 2.
- Chapman, Samuel, New York, N. Y. Dress. 111,062; Aug. 30.
- Chapman, Samuel, New York, N. Y. Dress. 111,063; Aug. 30.
- Chapman, Samuel, New York, N. Y. Dress. 111,064; Aug. 30.
- Chapman, Samuel, New York, N. Y. Dress. 111,065; Aug. 30.
- Chapman, Samuel, New York, N. Y. Dress. 111,066; Aug. 30.
- Chapman, Samuel, New York, N. Y. Dress. 111,472; Sept. 20.
- Chapman, Samuel, New York, N. Y. Dress. 112,313; Nov. 22.
- Chapman, Samuel, New York, N. Y. Combined evening and street dress. 112,362; Nov. 29.
- Chapman, Samuel, New York, N. Y. Combined evening and street dress. 112,363; Nov. 29.
- Charles, Harry, assignor to Norwich Knitting Company, Norwich, N. Y. Sweat shirt. 110,580; July 19.
- Charney, Harry, Brooklyn, N. Y. Head band or similar article. 108,843; Mar. 15.
- Chase Brass & Copper Co. Incorporated. (See von Nessen, Walter, assignor.)
- Cheney, John F., West Palm Beach, Fla. Service station building or the like. 108,535; Feb. 22.
- Cheris, Irving R., Chicago, Ill. Combined steering wheel and horn ring. 111,240; Sept. 13.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. 109,760; May 17.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. 109,783; May 17.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. 110,204; June 21.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. 110,342; July 5.
- Chernow, Michael, Providence, R. I. Alphabet for forming monograms or the like. 110,478; July 12.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or similar article. 111,694; Oct. 11.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or similar article. 111,722; Oct. 11.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or similar article. 111,723; Oct. 11.
- Cherokee Citrus Co. Inc. (See Leuschen, Fred R., assignor.)
- Chéron, Pierre J., assignor to Blackstone Silver Company, Stratford, Conn. Spoon or similar article. 109,076; Mar. 29.
- Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pencil tip. 107,745; Jan. 4.
- Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company, New York, N. Y. Combined eraser and pencil tip. 112,037; Nov. 8.
- Chicago Bridge & Iron Company. (See Horton, George T., assignor.)
- Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
- Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)
- Chicago Flexible Shaft Company. (See Scharfenberg, George T., assignor.)
- Chicago Hardware Foundry Company, The. (See Nelson, Karl A., assignor.)
- Chicago Metallic Manufacturing Company. (See Langel, Adrien L., assignor.)
- Chipman, Richmond L., Jr. (See Sweeney, J. L., and Chipman.)
- Chipman, Richmond L., Jr., Montclair, N. J., and J. L. Sweeney, assignors to Bates Laboratories, Inc., New York, N. Y. Typewriter. 108,777; Mar. 15.
- Chipman, Richmond L., Jr., Montclair, N. J., and J. L. Sweeney, assignors to Bates Laboratories, Inc., New York, N. Y. Portable typewriter. 109,511; May 3.
- Chisholm, Ralph L., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Lay figure. 110,957; Aug. 25.
- Chopak Textile Co. Inc. (See Reiman, Paul, assignor.)
- Chrisman, Frank S., assignor to South Bend Toy Mfg. Co., South Bend, Ind. Croquet rack. 112,514; Dec. 13.
- Christen, Marcel, New York, N. Y. Textile fabric or similar article. 108,066; Jan. 25.
- Christen, Marcel, New York, N. Y. Textile fabric or similar article. 108,152; Jan. 25.
- Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,921; Jan. 11.
- Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,922; Jan. 11.
- Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,923; Jan. 11.
- Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,924; Jan. 11.
- Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,925; Jan. 11.
- Christen, Rudolf, Buffalo, N. Y. Display stand for jewelry and similar article. 108,562; Feb. 22.
- Christen, Rudolf, Buffalo, N. Y. Jewelry display box or similar article. 109,049; Mar. 29.
- Christensen, O. Neil, Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Radio cabinet. 109,635; May 10.
- Christian, Alfred R., Chicago, Ill. Casket. 111,846; Oct. 25.
- Christian, Alfred R., Chicago, Ill. Casket shell. 111,847; Oct. 25.
- Christian, Anthony J., Chicago, Ill. Casket handle. 111,506; Sept. 27.
- Christian, Anthony J., Chicago, Ill. Casket. 112,054; Nov. 8.
- Christian, Joseph A., Chicago, Ill. Casket. 109,976; June 7.
- Christian, Joseph A., Chicago, Ill. Casket. 109,977; June 7.
- Christie, Theodore, Rochester, N. Y. Corner trimming unit. 109,604; May 10.
- Chronmaster Electric Corporation, The. (See Lawrence, Benjamin E., assignor.)
- Chun, Sing, Honolulu, Hawaii. Bottle or similar article. 109,035; Mar. 29.
- Church, C. F., Mfg. Co. (See Witherell, Edward J., assignor.)
- Churchill, Charles H., Cortland, N. Y. Shoeshine box. 107,945; Jan. 18.
- Churchill, Howard B., Voorheesville, N. Y. Magazine rack. 110,269; June 28.
- Ciarado, Sally, New York, N. Y. Ensemble dress. 109,007; Mar. 22.
- Cicccone, Elizabeth M., New York, N. Y. Dress ensemble. 108,046; Jan. 18.
- Cicccone, Elizabeth M., New York, N. Y. Dress ensemble. 108,047; Jan. 18.
- Cicccone, Elizabeth M., New York, N. Y. Redingote. 108,563; Feb. 22.
- Cicccone, Elizabeth M., New York, N. Y. Redingote. 108,564; Feb. 22.
- Cicccone, Elizabeth M., New York, N. Y. Dress ensemble. 109,089; Mar. 29.
- Cicccone, Elizabeth M., New York, N. Y. Dress ensemble. 110,594; July 19.
- Cicccone, Elizabeth M., New York, N. Y. Dress ensemble. 110,679; July 26.
- Cicccone, Elizabeth M., New York, N. Y. Dress. 111,926; Oct. 25.
- Cicccone, Silvester. (See Craven, C. L., Cicccone, and Miller.)
- Cincinnati Ball Crank Company, The. (See Field, Richard P., assignor.)
- Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L., assignor.)
- Cin-Rad Corporation. (See Moore, Aston L., assignor.)



- Cipoth, Jacques, Mamaroneck, N. Y. Textile fabric. 109,696; May 17.
- Cippico, Giuseppe, Rome, Italy. Cigar holder. 111,276; Sept. 13.
- Cippico, Giuseppe, Rome, Italy. Cigarette holder. 111,277; Sept. 13.
- Cippico, Giuseppe, Rome, Italy. Smoking pipe. 111,278; Sept. 13.
- Cippico, Giuseppe, Rome, Italy, assignor to Zeus Corporation, New York, N. Y. Smoking device. 109,605; May 10.
- Clark Equipment Company. (See Burger, Frederick W., assignor.)
- Clark, Geo. V., Co. (See Hirschland, Richard S., assignor.)
- Clark, Warren F., Warren, Pa. Table for ray treatments. 110,537; July 19.
- Clarren, Harry, New York, N. Y. Tooth brush. 109,572; May 3.
- Clary, Irvin W., El Paso, Tex. Game board. 108,424; Feb. 15.
- Classroom Laboratories, Inc. (See Reardon, Harvey J., assignor.)
- Clay, Edward, Bristol, R. I. Lace fabric or similar article. 108,903; Mar. 22.
- Clemente, Andrew, Hoboken, N. J. Textile fabric or similar article. 110,595; July 19.
- Clemmons, Herbert D., assignor to Scovill Manufacturing Company, Sturgis, Mich. Valve handle. 108,067; Jan. 25.
- Clemson Bros., Inc. (See Clemson, Richard D., assignor.)
- Clemson, Richard D., Middletown, N. Y. Lawn mower. 111,106; Aug. 30.
- Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Mower reel. 111,873; Oct. 25.
- Cleveland Trucking and Plating Co. (See Friedman, Olga, assignor.)
- Cleveland Welding Company, The. (See Kranz, Harry W., assignor.)
- Clevenger, Glen M., Shipley Heights, assignor to Maryland Glass Corporation, Baltimore, Md. Bottle. 108,778; Mar. 15.
- Cline, Earl E., assignor to Mueller Co., Decatur, Ill. Pressure control fitting. 112,479; Dec. 6.
- Clutton, Sam W., Great Falls, Mont. Paperweight or similar article. 109,036; Mar. 29.
- Cobb, Arthur, Jr. (See Herrick, G. L., Hardie, and Cobb.)
- Coblentz, Louis J., New York, N. Y. Handbag. 111,893; Oct. 25.
- Coca-Cola Company, The. (See Springer-Miller, Frank, assignor.)
- Coca-Cola Company, The. (See Worthington, Everett, assignor.)
- Cochran, Jacqueline. (See Barnhart, Adam B., assignor.)
- Cochrane, Bert G., Chicago, Ill., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide knob or similar article. 108,825; Mar. 15.
- Cocks, George W., Upper Montclair, N. J. Refrigerated dispensing cabinet. 112,169; Nov. 15.
- Cody, Frank C., Chicago, Ill. Snow guard. 109,697; May 17.
- Coe, Mary J. (See Merrifield, Pansy E., assignor.)
- Cohen, Arthur, New York, N. Y. Dress ensemble. 109,841; May 24.
- Cohen, Arthur, New York, N. Y. Dress. 111,036; Aug. 23.
- Cohen, Arthur, New York, N. Y. Dress. 111,068; Aug. 30.
- Cohen, Arthur, New York, N. Y. Dress. 111,069; Aug. 30.
- Cohen, Arthur, New York, N. Y. Dress. 111,070; Aug. 30.
- Cohen, Arthur, New York, N. Y. Dress. 111,927; Oct. 25.
- Cohen, Arthur, New York, N. Y. Dress. 111,928; Oct. 25.
- Cohen, Irving, New York, N. Y. Coat. 109,127; Apr. 5.
- Cohen, Irving, New York, N. Y. Fur scarf. 109,264; Apr. 12.
- Cohen, Irving, New York, N. Y. Coat. 109,434; Apr. 26.
- Cohen, Irving, New York, N. Y. Coat. 109,543; May 3.
- Cohen, Irving, New York, N. Y. Coat. 109,544; May 3.
- Cohen, Irving, New York, N. Y. Coat. 109,545; May 3.
- Cohen, Irving, New York, N. Y. Coat. 109,636; May 10.
- Cohen, Irving, New York, N. Y. Coat. 109,798; May 24.
- Cohen, Irving, New York, N. Y. Coat. 109,933; May 31.
- Cohen, Irving, New York, N. Y. Coat. 110,479; July 12.
- Cohen, Mollye M., New York, N. Y. Negligee. 107,819; Jan. 4.
- Cohen, Sol D., assignor to Paper Novelty Manufacturing Co., New York, N. Y. Christmas tree ornament. 109,607; May 10.
- Cohen, William, New York, N. Y. Textile fabric. 109,265; Apr. 12.
- Cohen, William, New York, N. Y. Textile fabric. 110,310; June 28.
- Cohen, William, New York, N. Y. Textile fabric. 110,410; July 5.
- Cohen, William, New York, N. Y. Textile fabric. 111,007; Aug. 30.
- Cohn, Ben, New York, N. Y. Cape. 109,654; May 10.
- Cohn, Mark, New York, N. Y. Dress. 111,919; Nov. 1.
- Cohn, Mark, New York, N. Y. Dress. 111,828; Oct. 18.
- Cohn, Mark, New York, N. Y. Dress. 112,458; Dec. 6.
- Cohn, Mark, New York, N. Y. Dress. 112,708; Dec. 27.
- Cohn, Morris. (See Levy, Sol J., assignor.)
- Cohn & Rosenberger, Inc. (See Geissmann, Robert, assignor.)
- Cohn Rosenberger, Inc. (See Placco, Oscar, assignor.)
- Colnverse, Jack, Houston, Tex. Display board. 109,392; Apr. 26.
- Colbe, Selma O., Chicago, Ill. Mausoleum. 108,425; Feb. 15.
- Colbe, Selma O., Chicago, Ill. Mausoleum. 108,426; Feb. 15.
- Colbe, Selma O., Chicago, Ill. Panel for a memorial structure. 111,318; Sept. 20.
- Colcord, Carl H., New York, N. Y. Dress ensemble. 108,389; Feb. 8.
- Colcord, Carl H., New York, N. Y. Dress. 111,196; Sept. 6.
- Cole, Chester D., Jamaica Estates, assignor to Benziger Brothers, New York, N. Y. Religious throne. 109,842; May 24.
- Coleman, Ewell M., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 109,908; May 31.
- Coleman, Julius H., Baltimore, Md. Finger ring. 109,391; Apr. 26.
- Coleman Lamp & Stove Company. (See Olds, Ambrose D., assignor.)
- Coleman Lamp & Stove Company. (See Tullis, Boyd W., assignor.)
- Coleman, Tora, New York, N. Y. Dress. 108,048; Jan. 18.
- Coleman, Tora, New York, N. Y. Dress ensemble. 108,049; Jan. 18.
- Coleman, Tora, New York, N. Y. Dress. 108,187; Jan. 25.
- Coleman, Tora, New York, N. Y. Dress. 108,188; Jan. 25.
- Coleman, Tora, New York, N. Y. Dress. 108,189; Jan. 25.
- Coleman, Tora, New York, N. Y. Dress. 108,276; Feb. 1.
- Coleman, Tora, New York, N. Y. Dress. 108,277; Feb. 1.
- Coleman, Tora, New York, N. Y. Dress ensemble. 108,390; Feb. 8.
- Coleman, Tora, New York, N. Y. Dress. 108,391; Feb. 8.
- Coleman, Tora, New York, N. Y. Dress. 108,507; Feb. 15.
- Coleman, Tora, New York, N. Y. Dress ensemble. 109,175; Apr. 5.
- Coleman, Tora, New York, N. Y. Dress. 109,176; Apr. 5.
- Coleman, Tora, New York, N. Y. Dress ensemble. 109,367; Apr. 19.
- Coleman, Tora, New York, N. Y. Dress. 109,368; Apr. 19.
- Coleman, Tora, New York, N. Y. Dress ensemble. 109,473; May 3.
- Coleman, Tora, New York, N. Y. Dress ensemble. 109,546; May 3.
- Coleman, Tora, New York, N. Y. Dress. 109,547; May 3.
- Coleman, Tora, New York, N. Y. Dress. 109,577; May 3.
- Coleman, Tora, New York, N. Y. Dress. 109,578; May 3.
- Coleman, Tora, New York, N. Y. Dress ensemble. 109,579; May 3.
- Coleman, Tora, New York, N. Y. Dress. 109,580; May 3.
- Coleman, Tora, New York, N. Y. Dress. 109,586; May 3.
- Coleman, Tora, New York, N. Y. Dress ensemble. 109,608; May 10.
- Coleman, Tora, New York, N. Y. Dress ensemble. 110,054; June 7.
- Coleman, Tora, New York, N. Y. Dress. 110,205; June 21.
- Coleman, Tora, New York, N. Y. Dress. 110,206; June 21.
- Coleman, Tora, New York, N. Y. Dress. 110,311; June 28.
- Coleman, Tora, New York, N. Y. Dress. 110,312; June 28.
- Coleman, Tora, New York, N. Y. Dress. 110,313; June 28.
- Coleman, Tora, New York, N. Y. Dress. 110,764; Aug. 2.
- Coleman, Tora, New York, N. Y. Dress. 110,772; Aug. 2.
- Coleman, Tora, New York, N. Y. Dress. 111,015; Aug. 23.
- Coleman, Tora, New York, N. Y. Dress. 111,298; Sept. 13.
- Coleman, Tora, New York, N. Y. Dress. 111,299; Sept. 13.
- Coleman, Tora, New York, N. Y. Dress. 111,300; Sept. 13.
- Coleman, Tora, New York, N. Y. Dress. 111,829; Oct. 18.
- Coleman, Tora, New York, N. Y. Dress. 111,830; Oct. 18.
- Coleman, Tora, New York, N. Y. Dress. 111,831; Oct. 18.
- Coleman, Tora, New York, N. Y. Dress. 111,832; Oct. 18.
- Coleman, Tora, New York, N. Y. Dress. 111,929; Oct. 25.
- Coleman, Tora, New York, N. Y. Dress ensemble. 112,476; Dec. 6.
- Coleman, Tora, New York, N. Y. Dress. 112,477; Dec. 6.
- Coleman, Tora, New York, N. Y. Dress. 112,478; Dec. 6.
- Coleman, Tora, New York, N. Y. Dress. 112,495; Dec. 6.
- Coleman, Tora, New York, N. Y. Dress. 112,496; Dec. 6.
- Coleman, Tora, New York, N. Y. Dress ensemble. 112,497; Dec. 6.
- Coleman, Willis P., Madison, Wis., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight casing. 110,270; June 28.



- Collingbourne, Albert B., Elgin, Ill. Combined container and thread display. 122,266; Nov. 22.
- Collins, Ashton B., Birmingham, Ala. Font of type. 112,515; Dec. 13.
- Collins Radio Company. (See Van Dyke, John B., assignor.)
- Collison, Edward E. (See Van Tuyl, S., and Collison.)
- Colson Corporation, The. (See Adams, Wilbur H., assignor.)
- Colson Corporation, The. (See Roe, William C., assignor.)
- Colt's Patent Fire Arms Manufacturing Co. (See Donovan, Arthur F., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Havourd, Richard S., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Schmalz, William F., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Stevens, Harry A., assignor.)
- Cometh, Sven, Yonkers, N. Y. Whipping top. 108,614; Mar. 1.
- Comolli, Sylvia, New York, N. Y. Dress. 107,746; Jan. 4.
- Comolli, Sylvia, New York, N. Y. Dress ensemble. 108,050; Jan. 18.
- Comolli, Sylvia, New York, N. Y. Dress ensemble. 108,278; Feb. 1.
- Comolli, Sylvia, New York, N. Y. Dress. 109,177; Apr. 5.
- Comolli, Sylvia, New York, N. Y. Dress ensemble. 109,266; Apr. 12.
- Comolli, Sylvia, New York, N. Y. Dress ensemble. 109,609; May 10.
- Comper, Adrian, Pittsfield, Mass., assignor to Comper Manufacturing Company. Invalid walker unit. 112,691; Dec. 27.
- Comper Manufacturing Company. (See Comper, Adrian, assignor.)
- Conant, Alan B., assignor to Montgomery Brothers, San Francisco, Calif. Electric heater casing. 108,931; Mar. 22.
- Concord Silversmiths Corporation. (See Simms, Charles F., assignor.)
- Conkey, H. D., & Company. (See Kettleborough, Harry J., assignor.)
- Conkle, Charles A., Atlantic City, N. J. Radio program reminder. 111,833; Oct. 18.
- Conley, Arthur W., Shaker Heights, Ohio. Air conditioning cabinet. 107,747; Jan. 4.
- Conn, C. G., Ltd. (See Jacoby, Carl E., assignor.)
- Conner, Michael, Cincinnati, Ohio, assignor of one-half to Sugar Beet Products Company, Saginaw, Mich. Fountain bowl or like article. 111,894; Oct. 25.
- Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Metal box cover. 108,427; Feb. 15.
- Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Metal box cover. 108,428; Feb. 15.
- Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Metal box cover. 108,429; Feb. 15.
- Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Metal box cover. 108,430; Feb. 15.
- Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Wastebasket. 109,474; May 3.
- Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Tray or similar article. 110,207; June 21.
- Connor, Roger, assignor to The McBee Company, Athens, Ohio. Check or similar article. 111,825; Oct. 18.
- Connor, Walter E., and M. E. Carney, assignors to Hub Hosiery Mills, Lowell, Mass. Sock. 110,918; Aug. 16.
- Conquest Alliance Co. (See Herzig, Leonard A., assignor.)
- Conradsen, Eleanor, Hollywood, Calif. Manicurist kit. 109,208; Apr. 12.
- Conroy, Edward J., New Haven, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 108,318; Feb. 8.
- Conroy, Edward J., New Haven, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 109,204; Apr. 19.
- Constantine, George, Boston, Mass. Dress. 111,629; Oct. 4.
- Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Combined washing machine and wringer. 108,565; Feb. 22.
- Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Combined wringer and washing machine. 108,566; Feb. 22.
- Continental Cushion Spring Company. (See Roberts, George M., assignor.)
- Continental Elastic Corporation, The. (See Hansmann, Ernest, assignor.)
- Continental Glass Corporation. (See Brandeis, Sidney, assignor.)
- Continental Radio and Television Corp. (See Siragusa, Ross D., assignor.)
- Converse Rubber Company. (See Casey, Edward F., assignor.)
- Conway, Robert D., assignor to Universal Crusher Company, Cedar Rapids, Iowa. Crusher. 109,934; May 31.
- Cook, Joseph F., Jr., West Roxbury, Mass. Electric lamp. 108,743; Mar. 8.
- Cook, Robert S., Fayetteville, N. Y. Shoe or similar article. 108,618; Mar. 1.
- Cooley, Austin G., Rutherford, N. J. Telephoto recorder. 107,748; Jan. 4.
- Cooper, Allyn R., assignor to Cooper Manufacturing Company, Marshalltown, Iowa. Power lawn mower or similar article. 111,507; Sept. 27.
- Cooper, David, Brooklyn, N. Y. Clip or similar article. 112,038; Nov. 8.
- Cooper Manufacturing Company. (See Cooper, Allyn R., assignor.)
- Cope, Albert C. (See Ford, F. P., Cope, and Gough.)
- Copeman, Lloyd G., Flint, Mich. Bird feeding station and open-faced bird house. 109,128; Apr. 5.
- Coplin, David, New York, N. Y. Coat. 110,958; Aug. 23.
- Corcoran, William, San Francisco, Calif. Phonograph cabinet. 111,508; Sept. 27.
- Corey, Lewis. (See Bunder, Bertha, assignor.)
- Corey, Ross T., Richmond, Calif. Barrel or similar container. 109,752; May 17.
- Cornell, Minn S., Jr., Middletown, Conn., assignor, by mesne assignments, to The Middletown Silver Company. Combined gray boat and tray. 107,854; Jan. 11.
- Cornibert, Charles A., Bayside, N. Y. Scarf. 111,595; Oct. 4.
- Cornibert, Charles A., Bayside, N. Y. Textile fabric. 111,630; Oct. 4.
- Corning Glass Works. (See Kelm, Everett F., assignor.)
- Cornwall, Hamilton O., New York, N. Y. Combination bookend, humidior, and ashtray. 107,749; Jan. 4.
- Coro-Gram, Inc. (See Verrecchio, Gene, assignor.)
- Corona Radio & Television Corporation. (See Kamin, Vernon A., assignor.)
- Corser, Lawrence E., Cortland, N. Y. Naval game board. 112,170; Nov. 15.
- Corwin, Adelaide M., Washington, D. C. Flower stand. 112,678; Dec. 27.
- Costello, William F., assignor to The New Britain Machine Company, New Britain, Conn. Display stand or similar article. 111,319; Sept. 20.
- Coto-Coil Co. (See Bellem, Lewis S., Jr., assignor.)
- Coty, Inc. (See Botham, Arthur R., assignor.)
- Court, Colley B., Haverhill, Mass. Heel. 112,267; Nov. 22.
- Courtney, William G., et al. (See Flohr, Herbert, assignor.)
- Couse, Kibbey W., East Orange, N. J. Portable machine shop. 109,942; May 31.
- Craddock, John E., Coney Island, N. Y. Ball game device. 110,714; Aug. 2.
- Crago, Harry R. (See Patten, R. E., Hottenroth, and Crago.)
- Craighead, John R., Denver, Colo. Scarf holder. 112,055; Nov. 8.
- Crane Co. (See Gracey, Robert G., assignor.)
- Crane Co. (See Kirkby, R. J., Gracey, Schumm, and Hansen, assignors.)
- Cravaritis, Andrew, assignor to National Silver Deposit Ware Co., Inc., New York, N. Y. Frame for a tantalus set. 110,795; Aug. 9.
- Craven, Clarence L., Detroit, and S. Ciccone and J. G. Miller, Highland Park, Mich. Dancing doll. 109,978; June 7.
- Cret, Paul P. (See Patton, J. W., and Cret.)
- Cret, Paul P., and J. W. Patton, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body or similar article. 109,784; May 17.
- Cret, Paul P., and J. W. Patton, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body or similar article. 109,785; May 17.
- Cretors, Charles J., Chicago, Ill. Corn popping machine. 112,598; Dec. 20.
- Creutz, Otto, et al. (See Flohr, Herbert, assignor.)
- Crewse, Herbert F., Des Moines, Iowa. Combination lamp and fish bowl. 108,779; Mar. 15.
- Crewse, Herbert F., Des Moines, Iowa. Combination lamp and fish bowl. 110,271; June 28.
- Cribben and Sexton Company. (See Guyer, Edward R., assignor.)
- Criley, William W., Cleveland, Ohio. Forging press. 111,172; Sept. 6.
- Crimmins, William C., assignor to Delta Electric Company, Marion, Ind. Combined lamp and horn. 110,831; Aug. 9.
- Crimmins, William C., assignor to Delta Electric Company, Marion, Ind. Lamp. 110,832; Aug. 9.
- Crimmins, William C., assignor to Delta Electric Company, Marion, Ind. Lamp. 111,955; Nov. 1.
- Crimmins, William C., assignor to Delta Electric Company, Marion, Ind. Lamp. 111,956; Nov. 1.
- Croasdale, John P., Jr. (See de Angelis, A. C., and Croasdale.)
- Crompton, Abraham A., Uttoreter, England. Nail file. 111,695; Oct. 11.
- Crompton Company. (See Leventhal, Jack, assignor.)
- Crosby, Harry E., Los Angeles, Calif. Beverage dispenser. 112,039; Nov. 8.
- Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,796; Aug. 9.
- Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,797; Aug. 9.



- Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,798; Aug. 9.
- Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,799; Aug. 9.
- Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Stapling machine. 110,800; Aug. 9.
- Crosby, Stephen A., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Plyer. 110,801; Aug. 9.
- Crosley Radio Corporation, The. (See Bill, George W., assignor.)
- Crosley Radio Corporation, The. (See Tytzer, Howard J., assignor.)
- Cross, Wallace, Chicago, Ill. Musical top. 109,475; May 3.
- Crosse and Blackwell Company. (See Kennedy, Walter L., assignor.)
- Crossett, Sidney M. (See Rittenhouse, L., and Crossett.)
- Crouch, Alven V., Pittsburgh, Pa. Service station island or the like. 109,209; Apr. 12.
- Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp, smoking stand, and radio tuning unit. 108,567; Feb. 22.
- Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp, smoking stand, and radio tuning unit. 108,637; Mar. 1.
- Crowley, Daniel J., Grosse Pointe, Mich. Combined table and radio set. 110,017; June 7.
- Crowley, Daniel J., Grosse Pointe, Mich. Combined table and radio set. 110,018; June 7.
- Crowley, Daniel J., Grosse Pointe, Mich. Combined table and radio receiving set. 110,019; June 7.
- Crowley, Daniel J., Grosse Pointe, Mich. Combined table and radio receiving set. 110,020; June 7.
- Crown Cork & Seal Company. (See Calleson, Amos and E. A., assignors.)
- Crown Cork & Seal Company. (See Grasty, Nathaniel D., assignor.)
- Crown Cork & Seal Company. (See McManus, C. E., and Calleson, Amos and E. A., assignors.)
- Crystal, David, New York, N. Y. Dress. 112,395; Nov. 29.
- Cullen, Ernest, San Diego, assignor to J. B. Smiley, Los Angeles, Calif. Combination kitchen tool. 111,564; Oct. 4.
- Culverwell, Annabell, New York, N. Y. Cover for hot water bottle. 111,123; Aug. 30.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 110,272; June 28.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 110,273; June 28.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,442; Dec. 6.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,443; Dec. 6.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,444; Dec. 6.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,445; Dec. 6.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,516; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,517; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,518; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,547; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,548; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,549; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,550; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,551; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,557; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,558; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,559; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Tumbler or similar article. 112,560; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,570; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,571; Dec. 13.
- Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,572; Dec. 13.
- Cunow, Bror E., Chicago, Ill. Finger ring. 109,548; May 3.
- Curby, Fred N. (See Pool, N. E., and Curby.)
- Curis Companies Incorporated. (See Baum, Dwight J., assignor.)
- Curtiss, George E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 111,016; Aug. 23.
- Curtiss-Wright Corporation. (See Flader, Frederic E., assignor.)
- Cushman, H. T., Mfg. Co. (See De Vries, Herman E., assignor.)
- Cutler, Elizabeth, New York, N. Y. Dress. 109,369; Apr. 19.
- Cutler, Elizabeth, New York, N. Y. Dress. 110,668; July 26.
- Cutler-Hammer, Inc. (See Millermaster, R. A., and Witzmann, assignors.)
- Cutler-Hammer, Inc. (See Stevens, Clifford B., assignor.)
- Dabney, Robert B. (See Bergen, G. W., and Dabney.)
- Da Costa, Joseph P., assignor to Nippon Dry Goods Co., San Francisco, Calif. Jar. 108,904; Mar. 22.
- D'Addario, Salvatore, New York, N. Y., assignor to Krueger Beverage Company, Newark, N. J. Bottle. 107,750; Jan. 4.
- D'Addario, Thomas, Astoria, N. Y. Glass syphon bottle or similar article. 111,241; Sept. 13.
- D'Addario, Thomas D., Long Island City, N. Y., assignor to Bostonia Beverages, Inc., Natick, Mass. Bottle. 111,411; Sept. 20.
- Daelemans, George, Woodside, Long Island, N. Y., assignor to Pro-phy-lactic Brush Company, Northampton, Mass. Brush back. 112,364; Nov. 29.
- Dailey, William O., Portland, Oreg. Holder for towels and similar articles. 112,519; Dec. 13.
- Dallanegra, Ada, Woodside, Long Island, N. Y. Dress. 108,667; Mar. 1.
- Dallas, Ronald H., Southgate, assignor to Glass Containers, Inc., Los Angeles, Calif. Glass jar. 108,592; Feb. 22.
- Dallas, Ronald H., South Gate, assignor to Union Oil Company of California, Los Angeles, Calif. Bottle. 111,957; Nov. 1.
- Dalton, Rolland E., Fostoria, assignor to Porcelain Products, Inc., Findlay, Ohio. Electric insulator. 108,489; Feb. 15.
- Dannecker, Rudolph, Beacon, N. Y. Embroidered textile fabric or similar article. 109,655; May 10.
- Dannecker, Rudolph, Beacon, N. Y. Embroidered textile fabric or similar article. 109,656; May 10.
- Dannecker, Rudolph, Beacon, N. Y. Embroidered textile fabric or a similar article. 109,943; May 31.
- Danon, Richard W., Chicago, Ill. Chessboard or similar article. 111,848; Oct. 25.
- Danon, Richard W., Chicago, Ill. Chessmen or similar articles. 111,849; Oct. 25.
- Dapp, Charles, Philadelphia, Pa. Slicing machine. 107,855; Jan. 11.
- Darrot, Paul G., Southbury, Conn., assignor to General Time Instruments Corporation, New York, N. Y. Clock casing. 109,210; Apr. 12.
- Darrot, Paul G., Southbury, Conn., assignor to General Time Instruments Corporation, New York, N. Y. Clock casing. 109,476; May 3.
- Darrow, Burgess, San Marino, Calif., assignor to Wing-foot Corporation, Wilmington, Del. Tire. 108,068; Jan. 25.
- Darwin, Elizabeth, Hollywood, Calif. Device for cleaning silver and other ware. 110,172; June 21.
- Daust, Herbert, St. Louis, Mo. Shoe cleaning buffer. 109,944; May 31.
- Davenport, Lloyd J., Kearny, N. J., assignor to Paul E. Flato, New York, N. Y. Combined watch and bracelet. 110,637; July 26.
- David, Andre S., New York, N. Y. Glove. 110,919; Aug. 16.
- Davis, Albert L., Watertown, assignor to The American Brass Company, Waterbury, Conn. Pencil ferrule. 112,278; Nov. 22.
- Davis Cabinet Company. (See Davis, William L., assignor.)
- Davis, Carrie L. J., Anniston, Ala. School desk. 111,958; Nov. 1.
- Davis, Kenneth F., and J. J. Josephs, assignors to The Sikes Company, Inc., Buffalo, N. Y. Chair. 111,906; Oct. 25.
- Davis, William L., assignor to Davis Cabinet Company, Nashville, Tenn. Combination bed and bookcase. 110,891; Aug. 16.
- Davis, William L., assignor to Davis Cabinet Company, Nashville, Tenn. Combination bed and chest of drawers. 110,892; Aug. 16.
- Davis, William L., assignor to Davis Cabinet Company, Nashville, Tenn. Combination bed and desk. 110,893; Aug. 16.
- Dayco Rubber Company. (See Kileup, Ernest L., assignor.)
- Day, George J., Buffalo, N. Y. Face plate for oven thermometers. 109,699; May 17.
- Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 108,069; Jan. 25.
- Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 108,070; Jan. 25.
- Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 110,669; July 26.
- Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 110,802; Aug. 9.
- Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 108,933; Mar. 22.
- Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 108,934; Mar. 22.
- Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 108,935; Mar. 22.
- Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 109,637; May 10.



- Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 109,698; May 17.
- Daystrom Corporation. (See Kipp, Karl, assignor.)
- Dayton Rubber Mfg. Company, The. (See Mooradian, Harry S., assignor.)
- De Angelis, Arthur C., and J. P. Croasdale, Jr., assignors to L. P. Weil, Philadelphia, Pa. Flower holder. 112,599; Dec. 20.
- De Benque, Helen, New York, N. Y. Knitted glove. 108,172; Jan. 25.
- De Benque, Joseph D., New York, N. Y. Combined tray and beverage container holder. 110,690; Aug. 2.
- De Bernard, Henriette, St. Louis, Mo. Blouse. 108,173; Jan. 25.
- De Bernard, Henriette, St. Louis, Mo. Cuff link or similar article. 110,715; Aug. 2.
- Debroski, Frank, Matawan, N. J. Collapsible bag or the like. 109,549; May 3.
- Debroski, Frank, Matawan, N. J. Collapsible bag or the like. 109,550; May 3.
- Debus, Sander, Hastings, Nebr., assignor to U. S. Slicing Machine Company, La Porte, Ind. Bread slicing machine. 110,920; Aug. 16.
- Decker, Louise, New York, N. Y. Dress. 110,765; Aug. 2.
- Decker, Louise, New York, N. Y. Dress. 111,017; Aug. 23.
- Decker, Louise, New York, N. Y. Dress. 111,018; Aug. 23.
- Deeble, Katharine H., St. Louis, Mo. Woman's sports garment. 108,826; Mar. 15.
- Deere, John, Tractor Company. (See Dreyfuss, Henry, assignor.)
- De Foe, Edward G., Oak Park, Ill. Beverage shaker. 108,932; Mar. 22.
- De Gérard, Arthur, Brooklyn, N. Y. Textile fabric. 112,404; Nov. 29.
- De Hart, George C., Los Angeles, Calif. Smoking stand. 109,211; Apr. 12.
- De Hart, George C., Los Angeles, Calif. Cigarette box. 111,175; Sept. 6.
- Dehuff, Walter F., Glen Rock, Pa., assignor to American Machine & Foundry Company. Dough mixing machine or similar article. 111,197; Sept. 6.
- Deible, Clarence R., Marienville, assignor to Knox Glass Associates, Inc., Oil City, Pa. Beer bottle. 111,959; Nov. 1.
- Deighan, Neil F. (See Egan, W. C., and Deighan.)
- De Journette, Alma M., Chattanooga, Tenn. Doll. 110,044; June 7.
- De Lancey, Warren H. (See Grimmeisen, H. O., Leitch, and De Lancey.)
- Delaney, Warren L., Auburn, Maine. Shoe. 107,946; Jan. 18.
- De Liso, Vincent, New York, N. Y. Shoe or similar article. 108,616; Mar. 1.
- De Liso, Vincent, New York, N. Y. Shoe or similar article. 108,617; Mar. 1.
- De Liso, Vincent, New York, N. Y. Shoe or similar article. 108,618; Mar. 1.
- De Liso, Vincent, Astoria, Long Island, N. Y. Shoe or similar article. 111,675; Oct. 11.
- De Liso, Vincent, Astoria, Long Island, N. Y. Shoe or similar article. 111,676; Oct. 11.
- De Liso, Vincent, Astoria, Long Island, N. Y. Shoe or similar article. 111,677; Oct. 11.
- Delman, Herman B., New York, N. Y. Shoe. 111,509; Sept. 27.
- Delman, Herman B., New York, N. Y. Shoe. 112,056; Nov. 8.
- Delman, Herman B., New York, N. Y. Shoe. 112,057; Nov. 8.
- Delman, Herman B., New York, N. Y. Shoe. 112,058; Nov. 8.
- Delman, Herman B., New York, N. Y. Shoe. 112,600; Dec. 20.
- Delman, Herman B., New York, N. Y. Shoe. 112,601; Dec. 20.
- Delphian Society, The. (See Swoboda, Jean B., assignor.)
- Del Re, Gennaro, New York, N. Y. Slipper. 110,242; June 28.
- Delta Electric Company. (See Crimmins, William C., assignor.)
- Delta Manufacturing Company, The. (See Tate, James, assignor.)
- Delta Manufacturing Company, The. (See Tautz, Herbert E., assignor.)
- De Meyere, Mauris, Antwerp, Belgium. Smoker's stand. 112,692; Dec. 27.
- De Meyere, Mauris, Antwerp, Belgium. Smoking stand. 112,693; Dec. 27.
- De Motte, Maurice P., Indianapolis, Ind., assignor to The Presto-O-Lite Company, Inc. Acetylene generator. 107,751; Jan. 4.
- Dent Hardware Company, The. (See Schrader, Thomas O., assignor.)
- Dentists' Supply Company of New York, The. (See Carman, Albert S., assignor.)
- Depledge, William, Milwaukee, Wis. Knitted fabric or similar article. 112,192; Nov. 15.
- De Rauf, Ceabern S., Des Moines, Iowa. Mirror. 111,960; Nov. 1.
- De Sabato, Paul A., Pittsburgh, Pa. Combined bottle support and display cabinet. 111,736; Oct. 18.
- De Sakhnoffsky, Alexis, Philadelphia, Pa. Lighter. 109,885; May 31.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio. Gasoline tank vehicle. 108,269; Feb. 1.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio. Fuel tank truck. 108,346; Feb. 8.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Co., Cleveland, Ohio. Trailer vehicle. 108,780; Mar. 15.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Co., Cleveland, Ohio. Tractor. 108,827; Mar. 15.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio. Grille-work truck. 108,892; Mar. 22.
- De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio. Combined brewery delivery tractor and trailer. 109,013; Mar. 22.
- De Sakhnoffsky, Alexis, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Vehicle. 109,995; June 7.
- De Sakhnoffsky, Alexis, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 110,857; Aug. 16.
- De Seversky, Alexander P., Asharoken Beach, Northport, assignor to Seversky Aircraft Corporation, Farmingdale, N. Y. Aircraft. 109,958; May 31.
- De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Airplane. 109,959; May 31.
- De Seversky, Alexander P., Asharoken Beach, Northport, assignor to Seversky Aircraft Corporation, Farmingdale, N. Y. Aircraft. 111,040; Aug. 23.
- De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft. 111,041; Aug. 23.
- De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft. 111,042; Aug. 23.
- De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Airplane. 111,043; Aug. 23.
- De Sherbinin, William N., Hastings on Hudson, N. Y. Collapsible automobile cabin. 109,129; Apr. 5.
- Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,342; Sept. 20.
- Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,343; Sept. 20.
- Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,344; Sept. 20.
- Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,345; Sept. 20.
- Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 111,346; Sept. 20.
- Deskey, Donald, New York, N. Y., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table. 110,083; June 14.
- Deskey, Donald, New York, N. Y., assignor to Royal Metal Manufacturing Company, Chicago, Ill. Chair. 111,850; Oct. 25.
- Desser, Michael S., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Condiment shaker. 109,477; May 3.
- De Stefani, Tully, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Dispenser cabinet. 108,629; Mar. 1.
- Detroit Lubricator Company. (See Lux, Eugene J., assignor.)
- Detwiler, Alfred E., Lake Worth, Fla. Combination desk unit. 109,998; June 7.
- De Vilbiss Company, The. (See Vuilleminot, Frederic A., assignor.)
- Devitz, William, New York, N. Y. Coat. 109,178; Apr. 5.
- Devol, George C., Jr., St. Albans, assignor to United Cinephone Corporation, Long Island City, N. Y. Lighting fixture. 112,634; Dec. 20.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Drawer pull or similar article. 109,314; Apr. 19.
- Dewhurst, Wallace W., Haddon Heights, N. J., assignor to Radio Corporation of America. Resonance indicator. 111,533; Sept. 27.
- Dewsbury, William O., Freehold, N. J., assignor to A. & M. Karagheusian Inc., New York, N. Y. Textile floor covering. 109,008; Mar. 22.
- Dewsbury, William O., Freehold, N. J., assignor to A. & M. Karagheusian Inc., New York, N. Y. Carpet or similar article. 109,827; May 24.
- Diamond, Harry, Cedarhurst, N. Y. Slip. 108,657; Mar. 1.
- Diamond, Leo, New York, N. Y. Dress ensemble. 109,267; Apr. 12.
- Dichter, Samuel J., New York, N. Y. Lady's slip. 109,945; May 31.
- Dick, Samuel H., New York, N. Y. Coat. 109,700; May 17.



- Dick, Samuel H., New York, N. Y. Coat. 109,701; May 17.
- Dick, Samuel H., New York, N. Y. Coat. 109,702; May 17.
- Dick, Samuel H., New York, N. Y. Coat. 109,703; May 17.
- Dick, Samuel H., New York, N. Y. Coat. 109,829; May 24.
- Dick, Samuel H., New York, N. Y. Coat. 110,480; July 12.
- Dick, Samuel H., New York, N. Y. Coat. 110,481; July 12.
- Dick, Samuel H., New York, N. Y. Coat. 111,198; Sept. 6.
- Dicke, Carl H., assignor to The Master Electric Company, Dayton, Ohio. Air conditioning control housing. 111,134; Sept. 6.
- Dickerson, Bert A., assignor to Farley Manufacturing Company, Decatur, Ill. Semi-indirect electric lamp. 107,947; Jan. 18.
- Dickerson, Dorman B., Detroit, Mich. Brake lever or similar article. 109,551; May 3.
- Dickerson, Dorman B., Detroit, Mich. Brake lever or similar article. 109,552; May 3.
- Dickie, Alexander M. (See Knox, C., and Dickie.)
- Didio, John, Buffalo, N. Y. Knife. 112,059; Nov. 8.
- Di Domenico, Anthony, Forest Hills, N. Y. Display box. 111,649; Oct. 11.
- Diesbach, Fritz G., et al., trustees. (See Katz, Russell, assignor.)
- Di Figlia, Francis P. A., Brooklyn, N. Y. Lamp or similar article. 112,741; Dec. 27.
- Di Nardo, Alida, Cleveland, and B. D. Lieber, Cleveland Heights, Ohio. Combined manicurist's tray and lamp. 112,279; Nov. 22.
- Dinhofer, Julius, New York, N. Y. Watchcase. 109,130; Apr. 5.
- Dinhofer, Julius, New York, N. Y. Finger ring mounting. 109,704; May 17.
- Dinstman, Joseph, New York, N. Y. Display box. 110,208; June 21.
- Di Pretore, Thomas, New York, N. Y. Coat ensemble. 108,174; Jan. 25.
- Ditcheik, Louis, New York, N. Y. Novelty pin. 109,610; May 10.
- Dittmer, Beulah, Baldwin Park, Calif. Combined inner food receptacle and holding frame therefore. 109,050; Mar. 29.
- Ditto, Incorporated. (See Kropp, Willis A., assignor.)
- Ditty, Allan V., assignor to Rapidez Corporation, Detroit, Mich. Duplicator. 110,803; Aug. 9.
- Divco-Twin Truck Company. (See Nicol, John, assignor.)
- Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 108,115; Jan. 25.
- Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 108,116; Jan. 25.
- Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Cigarette case or similar article. 108,117; Jan. 25.
- Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 108,118; Jan. 25.
- Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Watchcase or similar article. 108,119; Jan. 25.
- Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 108,536; Feb. 22.
- Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 108,537; Feb. 22.
- Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Bracelet or similar article. 108,781; Mar. 15.
- Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 112,584; Dec. 13.
- Divefine Brassiere Co. (See Pecknay, Irving E., assignor.)
- Dixon, Joseph, Crucible Company. (See Pipi, Michael, assignor.)
- Dixon, Joseph, Crucible Company. (See Van Dorn, Horace B., assignor.)
- Dobson, William A., Weathersfield, Conn. assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriter. 109,611; May 10.
- Dodd, Eleanor W., Washington, D. C. Educational model. 109,393; Apr. 26.
- Dognin, Jean, New York, N. Y. Lace. 108,230; Feb. 1.
- Dognin, Jean, New York, N. Y. Lace. 109,170; Apr. 5.
- Dognin, Jean, New York, N. Y. Lace. 109,180; Apr. 5.
- Dolan, Edward E., Los Angeles, Calif. Combined bottle and stopper therefor. 109,009; Mar. 22.
- Dolge, C. B., Company, The. (See Weirich, Clarence L., assignor.)
- Dom, Chesley, Hamilton County, assignor to The Wm. Powell Company, Cincinnati, Ohio. Hand actuated control valve. 107,752; Jan. 4.
- Dominion Electrical Manufacturing Company. (See Barnes, William A., assignor.)
- Dominion Electrical Manufacturing Company. (See Potee, Lorenz D., assignor.)
- Dominion Electrical Manufacturing Company. (See Shaffer, Benjamin, assignor.)
- Domineu, Jean G., New York, N. Y. Textile fabric. 110,607; July 19.
- Domineu, Jean G., Jackson Heights, assignor to Tessus Haute Couture, Inc., New York, N. Y. Textile fabric. 107,837; Jan. 4.
- Donahue, Patrick F., Waterville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Ice cream disher. 112,040; Nov. 8.
- Donchian, Paul S., Hartford, Conn. Lamp shade or similar article. 110,173; June 21.
- Donchian, Paul S., Hartford, Conn. Lamp base or similar article. 110,174; June 21.
- Donchian, Paul S., Hartford, Conn. Tray or similar receptacle. 110,175; June 21.
- Donchian, Paul S., Hartford, Conn. Tray or similar receptacle. 110,176; June 21.
- Donchian, Paul S., Hartford, Conn. Tray or similar receptacle. 110,177; June 21.
- Donchian, Paul S., Hartford, Conn. Plate or similar article. 110,538; July 19.
- Donchian, Paul S., Hartford, Conn. Plaque or similar article. 112,060; Nov. 8.
- Donner, John V., assignor to Star Mould Machine Company, Washington, Pa. Light shade or similar article. 112,245; Nov. 22.
- Donner, John V., assignor to Star Mould Machine Company, Washington, Pa. Light shade or similar article. 112,246; Nov. 22.
- Donovan, Arthur F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Button. 110,021; June 7.
- Donovan, J., Decatur, Ill. Building. 108,876; Mar. 22.
- Doppelt, Charles, Chicago, Ill. Traveling bag. 109,553; May 3.
- Double, Plummer E., Detroit, and F. Wascher, Flint, Mich. Clinch-nut machine. 109,181; Apr. 5.
- Doughty, William E., assignor to James Vernor Company, Detroit, Mich. Dispensing device. 110,613; July 26.
- Douglas Aircraft Company. (See Raymond, A. E., and Burton, assignors.)
- Douglas, Osmer M., and M. Holden, Salt Lake City, Utah. Finger guard. 112,752; Dec. 27.
- Downes, Mary S., Tenafly, N. J. Hat. 110,084; June 14.
- Downing, Sara O., East Cleveland, Ohio. Bib. 109,946; May 31.
- Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 108,319; Feb. 8.
- Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 108,431; Feb. 15.
- Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 108,692; Mar. 8.
- Dreiling, Morris, New York, N. Y. Serving platter. 112,446; Dec. 6.
- Dresselhouse, Mary, Flushing, N. Y. Display tray for cosmetic containers or the like. 108,693; Mar. 8.
- Dreyfuss, Henry, New York, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment stand. 110,274; June 28.
- Dreyfuss, Henry, New York, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment stand. 110,275; June 28.
- Dreyfuss, Henry, New York, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment unit. 110,276; June 28.
- Dreyfuss, Henry, New York, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment stand. 110,277; June 28.
- Dreyfuss, Henry, New York, N. Y., assignor to John Deere Tractor Company, Waterloo, Iowa. Combined tractor radiator cover and hood. 112,365; Nov. 29.
- Dronoff, Tina, Merrick, assignor to C. P. Ford & Co., Rochester, N. Y. Shoe. 108,658; Mar. 1.
- Drucker, Frank. (See Rabbin, E., and Drucker.)
- Duart Manufacturing Company, Ltd. (See Schleimer, Floyd V., assignor.)
- Dubas, Henry F., Albany, N. Y. Ashtray. 108,638; Mar. 1.
- Dublirer, Jacob, New York, N. Y. Dress. 111,037; Aug. 23.
- Dublirer, Jacob, New York, N. Y. Dress. 111,038; Aug. 23.
- Dublirer, Jacob, New York, N. Y. Dress. 111,476; Sept. 20.
- Dublirer, Jacob, New York, N. Y. Dress. 111,806; Oct. 18.
- Du Ron, George, Rosedale, assignor to The Glenby Company, Inc., New York, N. Y. Sunglasses. 109,443; Apr. 26.
- Duhow, Nathan, New York, N. Y. Hat. 110,243; June 28.
- Dudley, Robert E., Wellesley, assignor to The Moxie Company, Boston, Mass. Bottle carrying case. 110,691; Aug. 2.
- Duffy Mott Co., Inc. (See Fuerst, Edwin W., assignor.)
- Dulany, Helen H., Chicago, Ill., assignor to Edison General Electric Appliance Company, Inc. Cooker pan. 111,019; Aug. 23.
- Dunbar Glass Corporation. (See Saunders, Thomas D., assignor.)
- Dunberg, David W., New York, N. Y. Humidor. 112,280; Nov. 22.
- Duncan, Harry F., assignor to Little Tavern Shops, Inc., Washington, D. C. Building. 111,534; Sept. 27.
- Dunham, Thomas M., Aurora, Ill. Display table or similar article. 112,041; Nov. 8.



- Dunlop Tire and Rubber Corporation. (See Ball, Samuel G., assignor.)
- Dunlop Tire and Rubber Corporation. (See Hardeman, William E., assignor.)
- Dunn, Anita S., Cedar Rapids, Iowa. Supporting bracket for a shelf or similar article. 109,886; May 31.
- Dunn, Anita S., Cedar Rapids, Iowa. Supporting bracket for a shelf or similar article. 110,804; Aug. 9.
- Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,343; July 5.
- Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,344; July 5.
- Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,345; July 5.
- Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,346; July 5.
- Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,347; July 5.
- Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,348; July 5.
- Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,349; July 5.
- Dunn, Eugene A., Arlington, and E. C. Gauss, Belleville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,350; July 5.
- Dunn, Walter S., Danville, Ky. Bottle. 111,242; Sept. 13.
- Dunnoek, John L., Baltimore, Md., assignor, by mesne assignments, to Max Factor & Company, Hollywood, Calif. Bottle. 108,727; Mar. 8.
- Dunzweiler, Carl J., assignor to Willard Storage Battery Company, Cleveland, Ohio. Hydrometer syringe. 110,959; Aug. 23.
- Dupler, Raymond E., Toledo, Ohio. Combined globe and mounting. 110,351; July 5.
- Du Pont, E. I., de Nemours & Company. (See Billings, Robert T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Dunn, E. A., and Gauss, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Harvey, Alan F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kahn, Julius, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Teetsel, Ralph T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wilczynski, Anthony J., assignor.)
- Durable Mat Company. (See Bell, Harry W., assignor.)
- Durant, Lyndon A. (See Williams, H. E., and Durant.)
- Durell, Edward, assignor to The Union Fork & Hoe Company, Columbus, Ohio. Display rack for farm and garden tools. 110,692; Aug. 2.
- Duro Metal Products Company. (See Hosford, William R., assignor.)
- Durrsé, Jacob F., New York, N. Y. Textile fabric. 108,758; Mar. 8.
- Durrsé, Jacob F., New York, N. Y. Textile fabric. 108,828; Mar. 15.
- Durrsé, Jacob F., New York, N. Y. Textile fabric. 108,844; Mar. 15.
- Durrsé, Jacob F., New York, N. Y. Tablecloth or similar article. 109,090; Mar. 29.
- Durrsé, Jacob F., New York, N. Y. Tablecloth or similar article. 109,099; Mar. 29.
- Durrsé, Jacob F., New York, N. Y. Textile fabric or similar article. 109,100; Mar. 29.
- Durrsé, Jacob F., New York, N. Y. Tablecloth. 109,268; Apr. 12.
- Dutcher, Elizabeth S., Sunnyside, Long Island, N. Y. Toy figure. 109,612; May 10.
- E. A. Laboratories, Inc. (See Aufero, John M., assignor.)
- E. A. Laboratories, Inc. (See Meyerhoefer, Carl E., assignor.)
- Eagle Pencil Company. (See Chesler, Isidor, assignor.)
- Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
- Eagle Pencil Company. (See McNulty, Joseph, assignor.)
- Eagleson, Jesse G., Johnson County, Kans., assignor to The Garden Shop, Inc., Kansas City, Mo. Hand truck. 110,110; June 14.
- Earle, Racy, New York, N. Y. Dress. 108,860; Mar. 15.
- Earle, Racy, New York, N. Y. Dress. 108,861; Mar. 15.
- Eastern Isles Importing Co., The. (See Spirn, Marvin L., assignor.)
- Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
- Eastman Kodak Company. (See Hughey, Carter J., assignor.)
- Eastman Kodak Company. (See Martin, Lawrence R., assignor.)
- Eastman Kodak Company. (See Teague, Walter D., assignor.)
- Easy Washing Machine Corporation. (See Haven, Kent C., assignor.)
- Easy Washing Machine Corporation. (See Little, Thomas J., Jr., assignor.)
- Ebbert, Daniel F., Wheeling, W. Va. Bracelet. 111,135; Sept. 6.
- Eberhard Faber Pencil Co. (See Roth, Henry J., assignor.)
- Ebert, Burton E., Lansdowne, assignor to Scott Paper Company, Chester, Pa. Towel dispensing cabinet. 112,520; Dec. 13.
- Ebling, Herbert L., Milwaukee, and H. P. Plunkett, Shorewood, Wis. Service station building or the like. 109,705; May 17.
- Ebling Walter, Rochester, N. Y. Shoe. 109,868; May 31.
- Ebling, Walter, Rochester, N. Y. Shoe. 110,716; Aug. 2.
- Eck, Anna, executrix. (See Eck, Joseph B.)
- Eck, Joseph B., deceased, by A. Eck, executrix, assignor to Garton Toy Company, Sheboygan, Wis. Coaster wagon. 109,315; Apr. 19.
- Edelmann, Leo, Chicago, Ill. Hydrometer suction bulb or the like. 110,482; July 12.
- Edison General Electric Appliance Company. (See Dulany, Helen H., assignor.)
- Edson, Bert, Pawtucket, R. I. Lace. 112,139; Nov. 8.
- Edson, Bert, Pawtucket, R. I. Lace. 112,140; Nov. 8.
- Edson, Bert, Pawtucket, R. I. Lace. 112,141; Nov. 8.
- Edson, Bert, Pawtucket, R. I. Lace. 112,142; Nov. 8.
- Edson, Bert, Pawtucket, R. I. Lace. 112,143; Nov. 8.
- Edson, Bert, Pawtucket, R. I. Lace. 112,299; Nov. 22.
- Edson, Bert, Pawtucket, R. I. Lace. 112,405; Nov. 29.
- Edson, Bert, Pawtucket, R. I. Lace. 112,406; Nov. 29.
- Edson, Bert, Pawtucket, R. I. Lace. 112,407; Nov. 29.
- Edwards, Leslie M., San Francisco, Calif. Knife. 110,717; Aug. 2.
- Edwards, Steve, assignor to H. A. Kapit, New York, N. Y. Projector. 107,948; Jan. 18.
- Egan, Kathryn. (See Valentine, Emma, assignor.)
- Egan, William C., Jersey City, and N. F. Deighan, Pennsauken, N. J. Plaque or the like. 112,602; Dec. 20.
- Egerton, Clifford, Forest Hills, Long Island, N. Y. Toy rotary unit. 110,858; Aug. 16.
- Ehrhorn, Walter H., San Francisco, Calif. Bathtub overflow shield. 111,136; Sept. 6.
- Ehrlich, Rose, assignor to Lapin-Kurley Kaw, Inc., New York, N. Y. Sun shield. 109,444; Apr. 26.
- Eichmann, Louis, New York, N. Y. Textile fabric. 107,926; Jan. 11.
- Eichmann, Louis, New York, N. Y. Textile fabric. 107,927; Jan. 11.
- Eidman, Guy G. (See Trice, James C., assignor.)
- Eidman, Guy G., assignor to Eidman Scale Corporation, Houston, Tex. Combined weighing scale and vending device. 111,510; Sept. 27.
- Eidman Scale Corporation. (See Eidman, Guy G., assignor.)
- Eighmey, David T., Jamaica, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mouthpiece for a telephone transmitter. 109,316; Apr. 19.
- Eisenberg, Sam J., Winnetka, Ill. Perfume bottle. 112,433; Dec. 6.
- Eisendrath Glove Company, The. (See Eisendrath, Robert M., assignor.)
- Eisendrath, Robert M., assignor to The Eisendrath Glove Company, Chicago, Ill. Glove measuring device. 107,753; Jan. 4.
- Eisinger, Ernest F., New York, N. Y. Embroidered textile fabric. 110,301; June 28.
- Eitinger, Joseph, New York, N. Y. Decorative nail. 111,020; Aug. 23.
- Eitinger, Joseph, New York, N. Y. Decorative nail. 111,021; Aug. 23.
- Eitinger, Joseph, New York, N. Y. Decorative nail. 111,565; Oct. 4.
- Eitinger, Joseph, New York, N. Y. Decorative nail. 111,566; Oct. 4.
- Eitinger, Joseph, New York, N. Y. Decorative nail. 111,567; Oct. 4.
- El Dorado Silk Co. (See Chapman, Jean, assignor.)
- Eldon, James F., Binghamton, assignor to Endicott Johnson Corporation, Endicott, N. Y. Tennis shoe. 108,320; Feb. 8.
- Electric Beacon Parking Meter, Inc. (See Finch, P. R., and Johnson, assignors.)
- Electric Vapor Corporation. (See Andersen, Theodore A., assignor.)
- Electrical Testing Laboratories. (See Altaire, Earl, assignor.)
- Electrical Testing Laboratories. (See Gengoult, Marcel H., assignor.)
- Electrical Testing Laboratories. (See Helmer, Dorothy G., assignor.)
- Electrical Testing Laboratories. (See Higgins, Jane, assignor.)
- Electrical Testing Laboratories. (See Poeter, H. R., and Ormston, assignors.)
- Electrical Testing Laboratories. (See Shepard, Dorothy, assignor.)
- Electrical Testing Laboratories. (See Simpson, Dorothy M., assignor.)



- Electrical Testing Laboratories. (See Whyte, Ruth L., assignor.)
- Electrical Testing Laboratories. (See Wilcox, Jane, assignor.)
- Electro Manufacturing Co. (See Nemeroff, Victor, assignor.)
- Electrol Incorporated. (See Andler, Robert F., assignor.)
- Electrolux Corporation. (See Guild, Lurelle, assignor.)
- Electronaire Marketing Company Limited. (See Sonos, William H., assignor.)
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 108,474; Feb. 15.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 109,037; Mar. 29.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 109,038; Mar. 29.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 109,039; Mar. 29.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 111,279; Sept. 13.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 111,280; Sept. 13.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 111,281; Sept. 13.
- Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 112,337; Nov. 29.
- Elkind, Maxwell W., New York, N. Y. Sweater ensemble. 111,596; Oct. 4.
- Ellen Lace & Embroidery Co. (See Scheiwiller, Robert, assignor.)
- Ellenbogen, Margaret, assignor to Witlin & Schneider, New York, N. Y. Dress. 108,259; Feb. 1.
- Ellicott, Charles E., Jr., Baltimore, Md. Taffrail log spinner. 110,462; July 12.
- Ellis, Horace R., Meadville, Pa. Tire. 108,714; Mar. 8.
- Ellis, Francis C., Chicago, Ill. Knob. 112,193; Nov. 15.
- Ellis, W. R., et al. (See Williams, Josh F., assignor.)
- Ellman, Jacob L., University City, Mo. Merchants' discount stamp or similar article. 110,321; June 28.
- Elsbert Manufacturing Company. (See Martinsson, Gunnar R. C., assignor.)
- Elster, Irving, New York, N. Y. Slip. 110,515; July 12.
- Embury Manufacturing Company. (See Federico, Joseph B., assignor.)
- Emerit, Jean, Paris, assignor to firm Bonnetti Freres, Seine, France. Jar. 110,566; July 19.
- Emerson Electric Mfg. Co., The. (See Janca, Joseph J., assignor.)
- Emerson Electric Mfg. Co., The. (See Janca, J. J., and Brannan, assignors.)
- Emerson Electric Mfg. Co., The. (See Willey, Walter E., assignor.)
- Emmerich, Theresa, New York, N. Y. Textile fabric. 108,829; Mar. 15.
- Emmerich, Theresa, New York, N. Y. Textile fabric. 108,830; Mar. 15.
- Emmerich, Theresa, New York, N. Y. Textile fabric. 109,960; May 31.
- Emmerich, Theresa, New York, N. Y. Textile fabric. 110,129; June 14.
- Emmerich, Theresa, assignor to Velveray Corporation of America, New York, N. Y. Textile fabric. 110,638; July 26.
- Emmey, Charles, New York, N. Y. Applique emblem or similar article for wearing apparel. 108,744; Mar. 8.
- Emmey, Charles, New York, N. Y. Alphabet for forming monograms for wearing apparel or similar article. 111,696; Oct. 11.
- Emmey, Charles, New York, N. Y. Alphabet for forming monograms for wearing apparel or similar article. 111,697; Oct. 11.
- Emmey, Charles, New York, N. Y. Alphabet for forming monograms for wearing apparel or similar article. 112,709; Dec. 27.
- Empire Ironer, Incorporated. (See Stilwell, William E., Jr., assignor.)
- Endicott Johnson Corporation. (See Eldon, James F., assignor.)
- Engel, Alice, New York, N. Y. Dress ensemble. 108,568; Feb. 22.
- Engel, Alice, New York, N. Y. Dress. 108,759; Mar. 8.
- Engel, Alice, New York, N. Y. Dress ensemble. 108,994; Mar. 22.
- Engel, Alice, New York, N. Y. Dress. 109,192; Apr. 5.
- Engel, Alice, New York, N. Y. Dress. 109,370; Apr. 19.
- Engel, Alice, New York, N. Y. Dress. 109,935; May 31.
- Engel, Alice, New York, N. Y. Jacket. 110,209; June 21.
- Engel, Alice, New York, N. Y. Dress. 110,670; July 26.
- Engel, Alice, New York, N. Y. Dress. 110,844; Aug. 9.
- Engel, Alice, New York, N. Y. Dress. 111,834; Oct. 18.
- Engel, Alice, New York, N. Y. Dress ensemble. 112,229; Nov. 15.
- Engel, Alice, New York, N. Y. Dress. 112,230; Nov. 15.
- Engel, Alice, New York, N. Y. Dress. 112,552; Dec. 13.
- England, Klein & Levy, Inc. (See Fiddelman, Joseph, assignor.)
- Englander, Joseph, New York, N. Y. Lace insertion. 112,653; Dec. 20.
- Engstrom, John L., Evanston, Ill. Electrolabrum tree. 111,698; Oct. 11.
- Enochs, William R., Indianapolis, Ind. Examining table. 109,057; Mar. 29.
- Enterprise Manufacturing Company of Pennsylvania, The. (See Rable, Hans E. A., assignor.)
- Enterprise Manufacturing Company of Pennsylvania, The. (See Van Doren, Harold, assignor.)
- Eppenstein, James F., Chicago, Ill. Chair. 110,386; July 5.
- Eppenstein, James F., Chicago, Ill. Chair. 110,387; July 5.
- Epstein, Louis J., Jersey City, N. J. Shoe. 107,949; Jan. 18.
- Epstein, Louis J., Jersey City, N. J. Shoe. 108,120; Jan. 25.
- Epstein, Louis J., Jersey City, N. J. Bootee. 110,244; June 28.
- Epstein, Sylvia, New York, N. Y. Dress ensemble. 109,961; May 31.
- Epstein, Sylvia, New York, N. Y. Dress. 111,022; Aug. 23.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 108,845; Mar. 15.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 108,846; Mar. 15.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 108,847; Mar. 15.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 108,848; Mar. 15.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 108,849; Mar. 15.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,350; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,351; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,352; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,353; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,354; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,355; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,356; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,357; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,358; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,359; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,360; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,361; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,362; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,363; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,364; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,365; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,366; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,367; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,368; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,369; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,370; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,371; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,372; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,373; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,374; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,375; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,376; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,377; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,378; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,379; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,380; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,381; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,382; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,383; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,384; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,385; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,386; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,387; Sept. 20.
- Erhard, Gustave F., Scranton, Pa. Curtain or similar article. 111,388; Sept. 20.







- Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Display rack for pastries or the like. 107,755; Jan. 4.
- Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Display rack for bottled beverages or the like. 107,756; Jan. 4.
- Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Rack for bread or similar articles. 108,321; Feb. 8.
- Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack or similar article. 109,295; Apr. 19.
- Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Counter display stand. 111,759; Oct. 18.
- Ericson, Richard W., Chicago, Ill. Table desk. 109,317; Apr. 19.
- Erie Manufacturing Company. (See Poncher, Louis S., assignor.)
- Erie Sales and Manufacturing Company. (See Waltman, Chauncey E., assignor.)
- Erving, Clifford L., Milton, Mass. Combination wrench. 109,554; May 3.
- Eskimo Pie Corporation. (See Watts, Warren S., assignor.)
- Essmann, Carl J., Brooklyn, N. Y. Pencil lead testing machine. 109,638; May 10.
- Esson, Edwin, assignor to Kalamazoo Stove Company, Kalamazoo, Mich. Air circulating heating stove. 108,231; Feb. 1.
- Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)
- Etkin, Simon, New York, N. Y. Dress ensemble. 108,190; Jan. 25.
- Etkin, Simon, New York, N. Y. Dress ensemble. 108,191; Jan. 25.
- Etkin, Simon, New York, N. Y. Fur jacket. 110,845; Aug. 9.
- Etkin, Simon, New York, N. Y. Suit. 112,231; Nov. 15.
- Exelmans, Maurice, Paris, France, assignor to Verly's of America, Inc., New York, N. Y. Dish or similar article. 112,247; Nov. 22.
- Etkin, Simon, New York, N. Y. Jacket. 112,498; Dec. 6.
- Etlinger, Mac, New York, N. Y. Textile fabric. 108,850; Mar. 15.
- Etlinger, Mac, New York, N. Y. Textile fabric. 109,182; Apr. 5.
- Etlinger, Mac, New York, N. Y. Textile fabric. 109,183; Apr. 5.
- Etlinger, Mac, New York, N. Y. Textile fabric. 109,269; Apr. 12.
- Etlinger, Mac, New York, N. Y. Textile fabric. 109,270; Apr. 12.
- Evans, Evan G., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 107,757; Jan. 4.
- Evans, Evan G., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 107,758; Jan. 4.
- Evans, Evan G., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 107,759; Jan. 4.
- Evans, Evan G., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 107,760; Jan. 4.
- Evans, Evan G., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 112,694; Dec. 27.
- Everlastik, Incorporated. (See Parker, Ralph A., assignor.)
- Everly, James H., Wilmington, Calif. Milk bottle tray. 111,243; Sept. 13.
- Everson, Roy B., Chicago, Ill. Head truck for cleaners. 108,639; Mar. 1.
- Everson, Roy B., Chicago, Ill. Cabinet for a chlorinator. 110,210; June 21.
- Exact Weight Scale Company, The. (See Flanagan, Thomas B., assignor.)
- Excel Auto Radiator Company. (See Sperry, Philmore F., assignor.)
- Excelsior Hardware Company, The. (See Komenak, Albert J., assignor.)
- Exelmans, Maurice, Paris, France, assignor to Verly's of America, Inc., New York, N. Y. Vase. 110,085; June 14.
- Exelmans, Maurice, Paris, France, assignor to Verly's of America, Inc., New York, N. Y. Ashtray or similar article. 111,650; Oct. 11.
- Exhibit Supply Company, The. (See Meyer, John F., assignor.)
- Exhibit Supply Company, The. (See Radtke, Bruno, assignor.)
- Extract, Maurice, New York, N. Y. Dress. 111,071; Aug. 30.
- Extract, Maurice, New York, N. Y. Dress. 111,072; Aug. 30.
- Faber, Eberhard, Pencil Co. (See Roth, Henry J., assignor.)
- Factor, Max, & Company. (See Dunnock, John L., assignor.)
- Faden, Sylvia, New York, N. Y. Dress ensemble. 108,760; Mar. 8.
- Faden, Sylvia, New York, N. Y. Dress. 112,735; Dec. 27.
- Faden, Sylvia, New York, N. Y. Dress. 112,736; Dec. 27.
- Fader, William, Newark, N. J. Window ventilator. 111,597; Oct. 4.
- Fain, Edward C., Wetumpka, Ala. Spinning wheel for an amusement device. 109,706; May 17.
- Fain, Irving J., Providence, R. I. Tire. 110,833; Aug. 9.
- Fair, William G., Hyannis, Mass. Drip catcher for ice cream cones and the like. 107,761; Jan. 4.
- Fairmount Glass Works, Incorporated. (See Samuelson, Otto H., assignor.)
- Fall, Albert P., Toledo, Ohio. Vehicle arm rest. 110,805; Aug. 9.
- Farber, Louis, Yonkers, N. Y. Gondola tray. 110,022; June 7.
- Farber, Louis, Yonkers, N. Y. Serving tray. 110,388; July 5.
- Farber, Simon W., Brooklyn, N. Y. Tray. 111,137; Sept. 6.
- Farber, Simon W., Brooklyn, N. Y. Crumber. 111,961; Nov. 1.
- Faries Manufacturing Company. (See Dickerson, Bert A., assignor.)
- Farkas, Joseph D., New Rochelle, N. Y. Clip for sanitary garments. 112,603; Dec. 20.
- Farnum, Leon M., Chicago, Ill., and C. K. Teamer, Mount Airy, Pa., assignors to The S. S. White Dental Manufacturing Company. Blowpipe. 107,820; Jan. 4.
- Farny, Cyril, Geneva, assignor to The Rudolph Wurlitzer Company, DeKalb, Ill. Accordion. 111,486; Sept. 27.
- Farrar, Clarence A., Whitman, Mass. Insulated wire. 107,856; Jan. 11.
- Farrell Manufacturing Company. (See Ferguson, Allan R., assignor.)
- Fassin, Gustave, Irondequoit, Monroe County, N. Y., assignor to International Radio Corporation, Ann Arbor, Mich. Photographic camera. 110,516; July 12.
- Fassin, Gustave, Irondequoit, N. Y., assignor to International Radio Corporation, Ann Arbor, Mich. Photographic printer enlarger or similar article. 111,244; Sept. 13.
- Fatherley, Robert E., New York, N. Y. Textile fabric. 107,835; Jan. 4.
- Fatherley, Robert E., Darien, Conn., assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 108,175; Jan. 25.
- Favreau, Myles A., Battle Creek, Mich. Cribbage board. 112,171; Nov. 15.
- Fazio, Vincent, Brooklyn, N. Y. Handkerchief. 111,487; Sept. 27.
- Feaster, Robert C. (See Koelling, Harry F., assignor.)
- Feather, David C., Portland, Oreg. Shears or similar articles. 109,212; Apr. 12.
- Federal Electric Company. (See Hjermstad, H. V., and Sperry, assignors.)
- Federico, Joseph B., Niagara Falls, assignor to Embury Manufacturing Company, Warsaw, N. Y. Lantern. 111,578; Oct. 4.
- Feigenbaum, Herman. (See Zucker, L., and Feigenbaum.)
- Feild, Lucchesi J., Detroit, Mich. Rubbing block. 107,762; Jan. 4.
- Fein, Jacob. (See Gordon, M., and Fein.)
- Fein, Jacob, New York, N. Y. Shoe or similar article. 109,786; May 17.
- Fein, Jacob S., New York, N. Y. Handbag mirror. 110,921; Aug. 18.
- Fein, William, New York, N. Y. Hamper. 110,859; Aug. 16.
- Feinberg, Allan A., assignor to United States Air Conditioning Corporation, Minneapolis, Minn. Portable air conditioner. 111,473; Sept. 20.
- Feintuck, Rose, New York, N. Y. Dress. 108,260; Feb. 1.
- Feintuck, Rose, New York, N. Y. Dress. 108,862; Mar. 15.
- Feintuck, Rose, New York, N. Y. Dress. 109,587; May 3.
- Feintuck, Rose, New York, N. Y. Dress. 109,707; May 17.
- Feintuck, Rose, New York, N. Y. Dress. 109,859; May 24.
- Feintuck, Rose, New York, N. Y. Dress ensemble. 110,086; June 14.
- Feintuck, Rose, New York, N. Y. Dress. 112,314; Nov. 22.
- Feltler, Irwin, Chicago, Ill. Radio cabinet. 109,040; Mar. 29.
- Feld, Max, New York, N. Y. Coat. 110,352; July 5.
- Feldman, Abraham G., Chicago, Ill. Bassinet. 111,245; Sept. 13.
- Feldman, Abraham G., Chicago, Ill. Bassinet. 111,246; Sept. 13.
- Feldman, Abraham G., Chicago, Ill. Bassinet. 111,247; Sept. 13.
- Feldman, Albert M., New York, N. Y. Combined kitchen shelf and brackets therefor, or similar article. 112,447; Dec. 6.
- Feldmann, Bernard, Newton Center, Mass., assignor to Banner Shoemakers, Inc., Dover, N. H. Shoe or similar article. 107,763; Jan. 4.
- Feldman, Manuel, New York, N. Y. Rug. 109,052; Mar. 29.
- Feldman, Manuel, New York, N. Y. Rug. 109,053; Mar. 29.
- Feldman, Manuel, New York, N. Y. Rug. 111,488; Sept. 27.



- Feldman, Manuel, New York, N. Y. Rug. 111,760; Oct. 18.
- Feldmann, Albert, Brooklyn, N. Y. Game board. 110,860; Aug. 16.
- Fellegi, Margit, assignor to West Coast-Manchester Mills Inc., Los Angeles, Calif. Textile fabric. 107,821; Jan. 4.
- Felmann, Henri, Chicago, Ill. Handbag. 107,764; Jan. 4.
- Felmann, Henri, Chicago, Ill. Handbag. 107,765; Jan. 4.
- Felmann, Henri, Chicago, Ill. Handbag. 107,892; Jan. 11.
- Felmann, Henri, Chicago, Ill. Handbag. 107,893; Jan. 11.
- Felmann, Henri, Chicago, Ill. Handbag. 108,012; Jan. 18.
- Felmann, Henri, Chicago, Ill. Handbag. 108,013; Jan. 18.
- Felmann, Henri, Chicago, Ill. Handbag. 108,026; Jan. 18.
- Felmann, Henri, Chicago, Ill. Handbag. 108,051; Jan. 18.
- Felmann, Henri, Chicago, Ill. Handbag. 108,052; Jan. 18.
- Felmann, Henri, Chicago, Ill. Handbag. 108,261; Feb. 1.
- Felmann, Henri, Chicago, Ill. Handbag. 108,279; Feb. 1.
- Felmann, Henri, Chicago, Ill. Handbag. 108,280; Feb. 1.
- Felmann, Henri, Chicago, Ill. Handbag. 108,490; Feb. 15.
- Felmann, Henri, Chicago, Ill. Handbag. 108,969; Mar. 22.
- Felmann, Henri, Chicago, Ill. Handbag. 109,010; Mar. 22.
- Felmann, Henri, Chicago, Ill. Handbag. 109,011; Mar. 22.
- Felmann, Henri, Chicago, Ill. Handbag. 109,131; Apr. 5.
- Felmann, Henri, Chicago, Ill. Handbag. 109,271; Apr. 12.
- Ferguson, Alan C., assignor to Parker Wire Goods Company, Worcester, Mass. Saw handle. 110,567; July 19.
- Ferguson, Allan R., assignor to Farrell Manufacturing Company, Joliet, Ill. Tank vehicle body. 110,023; June 7.
- Ferragamo, Salvatore, Florence, Italy. Shoe or similar article. 107,857; Jan. 11.
- Ferragamo, Salvatore, Florence, Italy. Shoe or similar article. 107,858; Jan. 11.
- Ferragamo, Salvatore, Florence, Italy. Shoe or similar article. 107,859; Jan. 11.
- Ferragamo, Salvatore, Florence, Italy. Shoe or similar article. 108,619; Mar. 1.
- Ferragamo, Salvatore, Florence, Italy. Shoe or similar article. 108,620; Mar. 1.
- Ferrara, John A., and E. Rosenberg, New York, N. Y. Handbag. 112,742; Dec. 27.
- Ferris, Isaac L., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Flashlight switch. 112,248; Nov. 22.
- Ferris, Isaac L., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Pocket flashlight. 112,635; Dec. 20.
- Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Milk stool. 107,860; Jan. 11.
- Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Truck body for milking machine or the like. 110,718; Aug. 2.
- Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Truck body for litter carrier or the like. 110,996; Feb. 26.
- Fessel, John F., Defiance, Ohio. Ring. 109,394; Apr. 26.
- Fiddelman, Joseph, assignor to England, Klein & Levy, Inc., New York, N. Y. Finger ring. 111,579; Oct. 4.
- Field, Richard P., Indian Hill, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Lubricator casing. 111,895; Oct. 25.
- Field, Richard P., Indian Hill, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Lubricator casing. 111,896; Oct. 25.
- Field, Richard P., Indian Hill, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Lubricator casing. 111,897; Oct. 25.
- Filippi, Eugenio, Fairview, N. J. Textile fabric or similar article. 112,754; Dec. 27.
- Finch, Percy R., and J. M. Johnson, assignors to Electric Beacon Parking Meter, Inc., Chicago, Ill. Parking meter casing. 108,728; Mar. 8.
- Finch, William G. H., New York, N. Y. Facsimile recorder or the like. 108,281; Feb. 1.
- Finch, William G. H., New York, N. Y. Facsimile recorder or the like. 108,282; Feb. 1.
- Fingerhut, Abraham, Woodmere, N. Y. Fan or similar article. 110,539; July 19.
- Finkelstein, Meyer, University City, Mo. Dress. 110,389; July 5.
- Finkelstein, Samuel, New York, N. Y. Hat. 109,526; May 3.
- Finkelstein, Samuel, New York, N. Y. Hat. 110,939; Aug. 16.
- Finley, Harold L., assignor to The Lonergan Manufacturing Company, Inc., Albion, Mich. Space heater. 109,708; May 17.
- Finn, Henry M., Malden, and M. Laven, Boston, Mass. Sterilizing unit or similar article. 108,475; Feb. 15.
- Finn, Henry M., Malden, and M. Laven, Boston, Mass. Sterilizing unit or similar article. 108,508; Feb. 15.
- Firemen's Association of the State of New York. (See Townsend, Howard C., assignor.)
- Fire, Arnold, Fond du Lac, Wis. Golf bag. 111,138; Sept. 6.
- Fischer, Benjamin, New York, N. Y. Child's coat. 110,411; July 5.
- Fischer, Benjamin, New York, N. Y. Child's coat. 111,282; Sept. 13.
- Fischer, Charles, Newark, N. J. Handle for kitchen utensils and the like. 111,489; Sept. 27.
- Fischer, Elisabeth, New York, N. Y. Scarf blouse. 108,640; Mar. 1.
- Fischer, Elsie, New York, N. Y. Dress. 110,412; July 5.
- Fischer, Elsie, New York, N. Y. Dress. 110,413; July 5.
- Fischer, Elsie, New York, N. Y. Dress. 110,596; July 19.
- Fischer, Elsie, New York, N. Y. Dress. 110,680; July 26.
- Fischer, Howard L., St. Paul, Minn. Knife. 111,073; Aug. 30.
- Fischer, Howard L., St. Paul, Minn. Knife. 111,074; Aug. 30.
- Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Vaporizer or similar article. 110,614; July 26.
- Fish, Ned D., and M. Oehler, assignors to W. A. Shaeffer Pen Company, Fort Madison, Iowa. Fountain pen. 111,301; Sept. 13.
- Fisher, Robert G., Evanston, Ill. Bacon grill. 110,806; Aug. 9.
- Fisher, Francis C., Syracuse, N. Y. Tap knob. 111,580; Oct. 4.
- Fisken, Clarence P., assignor to General Motors Corporation, Detroit, Mich. Trophy. 110,211; June 21.
- Fitzgerald, John R., Columbus, Ohio. Combined copying, tracing and reproducing apparatus. 108,936; Mar. 22.
- Fitzgerald, Lucille B., Naugatuck, Conn., assignor to United States Rubber Products Inc., New York, N. Y. Overshoe. 109,054; Mar. 29.
- Fitzgerald Manufacturing Company, The. (See Bruce, Leo L., Jr., assignor.)
- Fitzgerald Manufacturing Company, The. (See Fitzgerald, Patrick J., assignor.)
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Electric fan. 108,641; Mar. 1.
- Fitzmaurice, Dorothy J., administratrix. (See Fitzmaurice, Douglas F. H.)
- Fitzmaurice, Douglas F. H., deceased, London, England; D. J. Fitzmaurice, administratrix. Automobile. 108,322; Feb. 8.
- Fitzmaurice, Douglas F. H., deceased, London, England; D. J. Fitzmaurice, administratrix. Automobile. 108,323; Feb. 8.
- Flader, Frederic E., Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Airplane. 107,903; Jan. 11.
- Flanagan, Thomas B., assignor to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale or article of similar nature. 109,799; May 24.
- Flanagan, Thomas B., assignor to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale or article of similar nature. 111,320; Sept. 20.
- Flato, Paul E. (See Davenport, Lloyd J., assignor.)
- Flato, Paul E. (See Di Verdura, Fulco, assignor.)
- Flato, Paul E. (See Headley, George W., 3d, assignor.)
- Flato, Paul E. (See Klevy, Adolphe, assignor.)
- Flauder, Alfred J., Trumbull, Conn. Spoon or analogous article. 108,538; Feb. 22.
- Flauder, Alfred J., Trumbull, assignor to Weldlich Sterling Spoon Co., Bridgeport, Conn. Spoon or analogous article. 110,807; Aug. 9.
- Fleming, Mary P. (See Allen, G. N., Ressegger, and Fleming.)
- Fletcher, John, assignor of one-half to J. M. Wertheimer, Chicago, Ill. Electric table broiler. 112,753; Dec. 27.
- Flexo Products Corporation. (See Anderson, Wilbert C., assignor.)
- Flohr, Herbert, assignor of one-third to O. Creutz and one-third to W. G. Courtney, Cincinnati, Ohio. Combined ashtray and cigarette package opener. 108,539; Feb. 22.
- Florence Stove Company. (See Kruck, Ralph E., assignor.)
- Florman, Irving, New York, N. Y. Combined key ring and flashlight. 111,535; Sept. 27.
- Florsheim Shoe Company, The. (See Pick, Oswald M., assignor.)
- Flower City Specialty Company. (See Nagle, Reginald A., assignor.)
- Fogarty, Charles J., assignor to The Westfield Manufacturing Company, Westfield, Mass. Bicycle frame. 108,201; Feb. 1.
- Foley, Thomas W., New Haven, Conn. Roof or the like. 109,077; Mar. 29.
- Foot, Thomas W., Cleveland, Ohio. Arm chair. 109,055; Mar. 29.
- Footlik, Irving M., Chicago, Ill. Display cabinet or similar article. 109,395; Apr. 26.



- Forbell, Charles H., Bayside, Long Island, assignor to Rogers Peet Company, New York, N. Y. Animal figure. 110,861; Aug. 16.
- Forbell, Charles H., Bayside, Long Island, assignor to Rogers Peet Company, New York, N. Y. Display stand. 110,940; Aug. 16.
- Forbes Lithograph Manufacturing Company, The. (See Peterson, Edward E., assignor.)
- Ford, C. P., & Co. (See Dronoff, Tima, assignor.)
- Ford, Doris E., Oakland, Calif. Baby blanket. 109,830; May 24.
- Ford, Frederick P., Cheddar, Somerset, A. C. Cope, Winscombe, Somerset, and A. G. H. Gough, Tweektown, Cheddar, Somerset, England. Animal boot or similar article. 108,491; Feb. 15.
- Ford, George E., assignor to Rochester Manufacturing Company, Rochester, N. Y. Cover plate for thermometers or the like. 111,139; Sept. 6.
- Ford Motor Company. (See Wait, Edgar F., assignor.)
- Fordey, Rufus G., Chicago, Ill. Switch cover plate or similar device. 109,887; May 31.
- Forman, Hugh L., New York, N. Y. Propelled vehicle. 111,248; Sept. 13.
- Forman, Philip, Brooklyn, N. Y. Hat. 108,831; Mar. 15.
- Formfit Company, The. (See Abeles, Jerome, assignor.)
- Forslund, Carl J., Brooklyn, N. Y. Lamp or similar article. 108,782; Mar. 15.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 112,108; Nov. 8.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 112,109; Nov. 8.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 112,110; Nov. 8.
- Forstmann, Curt E., Montclair, N. J. Textile fabric. 112,300; Nov. 22.
- Fortune, William P., New York, N. Y. Bonnet. 108,569; Feb. 22.
- Forzani, Julia, New York, N. Y. Dress ensemble. 109,184; Apr. 5.
- Fosgood Corporation. (See Gagnon, Leo J., assignor.)
- Foss, Alfred R., New York, N. Y. Finger ring. 109,800; May 24.
- Foster, Charles H., New York, N. Y. Display stand. 107,766; Jan. 4.
- Foster, Charles H., New York, N. Y. Bathing goggles. 109,761; May 17.
- Foster, Theodore W., & Bro. Company. (See Parkin, Winfred T., assignor.)
- Fostoria Glass Company. (See Bottome, Edgar M., assignor.)
- Fostoria Glass Company. (See Sakier, George, assignor.)
- Fowler, Le Ray, New York, N. Y. Doll or similar article. 110,130; June 14.
- Fowler, Le Ray, New York, N. Y. Doll or similar article. 110,353; July 5.
- Fownes Brothers & Co. Incorporated. (See Blanc, Marinette, assignor.)
- Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Cabinet for lubricating apparatus. 108,937; Mar. 22.
- Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Cabinet for lubricating apparatus. 108,938; Mar. 22.
- Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Cabinet for lubricating apparatus. 108,939; Mar. 22.
- Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Cabinet or similar container for lubricants. 111,249; Sept. 13.
- Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Servicing apparatus or the like for filling stations. 111,511; Sept. 27.
- Fraccia, Pauline, New York, N. Y. Dress. 107,928; Jan. 11.
- Fraccia, Pauline, New York, N. Y. Dress. 107,950; Jan. 18.
- Fraccia, Pauline, New York, N. Y. Dress. 107,951; Jan. 18.
- Fraccia, Pauline, New York, N. Y. Dress. 107,952; Jan. 18.
- Fraccia, Pauline, New York, N. Y. Dress. 107,953; Jan. 18.
- Fraccia, Pauline, New York, N. Y. Dress ensemble. 108,153; Jan. 25.
- Fraccia, Pauline, New York, N. Y. Dress ensemble. 108,492; Feb. 15.
- Fraccia, Pauline, New York, N. Y. Dress. 109,445; Apr. 26.
- Fraccia, Pauline, New York, N. Y. Dress. 109,446; Apr. 26.
- Fraccia, Pauline, New York, N. Y. Dress. 109,447; Apr. 26.
- Fraccia, Pauline, New York, N. Y. Dress. 109,448; Apr. 26.
- Fraccia, Pauline, New York, N. Y. Dress. 109,588; May 3.
- Fraccia, Pauline, New York, N. Y. Dress. 109,589; May 3.
- Fraccia, Pauline, New York, N. Y. Dress. 109,590; May 3.
- Fraccia, Pauline, New York, N. Y. Dress. 109,591; May 3.
- Fraccia, Pauline, New York, N. Y. Dress. 109,962; May 31.
- Fraccia, Pauline, New York, N. Y. Dress. 109,963; May 31.
- Fraccia, Pauline, New York, N. Y. Dress. 110,055; June 7.
- Fraccia, Pauline, New York, N. Y. Dress. 110,087; June 14.
- Fraccia, Pauline, New York, N. Y. Dress. 110,131; June 14.
- Fraccia, Pauline, New York, N. Y. Dress. 110,132; June 14.
- Fraccia, Pauline, New York, N. Y. Dress. 110,133; June 14.
- Fraccia, Pauline, New York, N. Y. Dress. 110,212; June 21.
- Fraccia, Pauline, New York, N. Y. Dress. 110,314; June 28.
- Fraccia, Pauline, New York, N. Y. Dress. 111,250; Sept. 13.
- Fraccia, Pauline, New York, N. Y. Dress. 111,251; Sept. 13.
- Fraccia, Pauline, New York, N. Y. Dress. 111,252; Sept. 13.
- Fraccia, Pauline, New York, N. Y. Dress. 111,302; Sept. 13.
- Fraccia, Pauline, New York, N. Y. Dress. 111,303; Sept. 13.
- Fraccia, Pauline, New York, N. Y. Dress. 111,699; Oct. 11.
- Fraccia, Pauline, New York, N. Y. Dress. 111,700; Oct. 11.
- Fraccia, Pauline, New York, N. Y. Dress. 111,701; Oct. 11.
- Fraccia, Pauline, New York, N. Y. Dress. 111,915; Oct. 25.
- Fraccia, Pauline, New York, N. Y. Dress. 112,020; Nov. 1.
- Fraccia, Pauline, New York, N. Y. Dress. 112,396; Nov. 29.
- Frame, Edgar B., assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Spray nozzle. 111,807; Oct. 18.
- Francisco Auto Heater Company. (See Loughrey, J. L., and Acton, assignors.)
- Frank, Anna, et al. (See Frank, Manuel A., assignor.)
- Frank, Manuel A., assignor of one-fifth to M. Frank, one-fifth to A. Frank, one-fifth to P. B. Frank, and one-fifth to S. Frank, Philadelphia, Pa. Bottle. 108,970; Mar. 22.
- Frank, Manuel A., assignor of one-sixth to M. Frank, one-sixth to A. Frank, one-sixth to M. Frank, one-sixth to P. B. Frank, and one-sixth to S. Frank, Philadelphia, Pa. Bottle. 111,962; Nov. 1.
- Frank, Mary, et al. (See Frank, Manuel A., assignor.)
- Frank, Max, et al. (See Frank, Manuel A., assignor.)
- Frank, Perry B., et al. (See Frank, Manuel A., assignor.)
- Frank, Sidney, et al. (See Frank, Manuel A., assignor.)
- Frank, William H., Detroit, Mich. Plate for supporting bus bars in a bus duct system. 110,862; Aug. 16.
- Frankel, Max, New York, N. Y. Dress. 110,088; June 14.
- Frankel, Max, New York, N. Y. Dress. 110,118; June 14.
- Frankl, Maurice S., Brooklyn, N. Y. Automobile-hood antenna. 109,527; May 3.
- Franklin, Leo, Cedarhurst, N. Y. Textile fabric or similar article. 110,786; Aug. 2.
- Franklin, Leo, Cedarhurst, assignor to Phoenix Manufacturing Co., Inc., New York, N. Y. Textile fabric or similar article. 109,831; May 24.
- Franklin, Loomis N., Evansville, Ind. Automobile signal lamp. 112,366; Nov. 29.
- Franklin, Ray W., Davenport, Iowa. Combined wringer and washing machine casing. 109,709; May 17.
- Fraser, Edwin J., Chicago, Ill. Lantern chimney. 108,071; Jan. 25.
- Fraser, Herschel S., Leroy, assignor to The Viking Manufacturing Company, Akron, Ohio. Space heater or the like. 109,999; June 7.
- Frazier, Francis, Oakland, Calif. Combined flag and staff. 111,761; Oct. 18.
- Frazier, John F., assignor to Gar Wood Industries, Inc., Detroit, Mich. Vehicle. 108,783; Mar. 15.
- Frazier, John F., assignor to Gar Wood Industries, Inc., Detroit, Mich. Fire truck or similar article. 111,874; Oct. 25.
- Frederick, Robert E., New York, N. Y. Shoe. 108,851; Mar. 15.
- Frederick, Robert E., New York, N. Y. Shoe. 109,318; Apr. 19.
- Frederick, Robert E., New York, N. Y. Slipper. 109,613; May 10.
- Freedgood, Samuel L., Long Beach, N. Y. Nightgown. 111,199; Sept. 6.
- Freeman Daughaday Company. (See Hopfenberg, Irving J., assignor.)
- Freeman, Edward, Dorchester, Mass., assignor to Hubbard Shoe Co., Inc., Rochester, N. H. Shoe. 109,132; Apr. 5.
- Freeman, Russell P., Fargo, N. Dak. Building front. 109,801; May 24.



- French, Harriet Holder, Newport, R. I. Clothes drying frame. 110,322; June 28.
- Frey, Elmer E., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Table. 111,581; Oct. 4.
- Freydberg, Herman, New York, N. Y. Hat. 112,585; Dec. 15.
- Freysinger, John B., New Britain, Conn. Buckle. 108,476; Feb. 15.
- Freysinger, John B., New Britain, Conn. Buckle. 112,061; Nov. 8.
- Frick, Chester A., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet. 107,767; Jan. 4.
- Frick, Robert, Scarsdale, N. Y. Textile fabric or similar article. 111,176; Sept. 6.
- Fried, Benjamin, New York, N. Y. Dress. 108,668; Mar. 1.
- Fried, Benjamin, New York, N. Y. Dress. 108,995; Mar. 22.
- Fried, Benjamin, New York, N. Y. Dress ensemble. 109,272; Apr. 12.
- Fried, Benjamin, New York, N. Y. Dress. 111,304; Sept. 13.
- Fried, Benjamin, New York, N. Y. Dress. 111,631; Oct. 4.
- Fried, Benjamin, New York, N. Y. Dress. 111,726; Oct. 11.
- Fried, Benjamin, New York, N. Y. Dress. 111,835; Oct. 18.
- Fried, Benjamin, New York, N. Y. Dress ensemble. 111,930; Oct. 25.
- Fried, Benjamin, New York, N. Y. Dress. 112,459; Dec. 6.
- Fried, Benjamin, New York, N. Y. Dress. 112,460; Dec. 6.
- Friedberger-Aaron Manufacturing Company. (See Aull, Harry, assignor.)
- Friedland, Samuel N., assignor to Champion Knitwear Company, Inc., Rochester, N. Y. Athletic shirt or similar article. 109,319; Apr. 19.
- Friedman, Bertha B., Bronx, N. Y. Child's combined sleeping bag and carriage cover. 108,875; Mar. 15.
- Friedman, Bertha B., Bronx, N. Y. Sun suit. 108,974; Mar. 22.
- Friedman, Bertha B., New York, N. Y. Receiving blanket. 109,371; Apr. 19.
- Friedman, Bertha B., New York, N. Y. Child's diaper playsuit. 109,396; Apr. 26.
- Friedman, Olga, University Heights, assignor to W. L. Ashkenas, doing business as Cleveland Tucking and Pleating Co., Cleveland, Ohio. Textile fabric or similar article. 108,971; Mar. 22.
- Friedman, Olga, University Heights, assignor to W. L. Ashkenas, doing business as Cleveland Tucking and Pleating Co., Cleveland, Ohio. Textile fabric or similar article. 108,972; Mar. 22.
- Friedman, Olga, University Heights, assignor to W. L. Ashkenas, doing business as Cleveland Tucking and Pleating Co., Cleveland, Ohio. Textile fabric or similar article. 108,973; Mar. 22.
- Friedman, Oscar, New York, N. Y. Hat. 107,904; Jan. 11.
- Friedman, Sydney D., Bronx, N. Y. Hinged hasp. 110,390; July 6.
- Friez, Lucien L., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Combined air-conditioning control casing and bracket therefor. 110,414; July 5.
- Fritz, Theresa, Hoboken, N. J. Dress. 108,761; Mar. 8.
- Fritz, Theresa, Hoboken, N. J. Dress ensemble. 108,762; Mar. 8.
- Fritz, Theresa, Hoboken, N. J. Dress ensemble. 108,763; Mar. 8.
- Fritz, Theresa, Hoboken, N. J. Dress. 108,764; Mar. 8.
- Fritz, Theresa, Hoboken, N. J. Dress ensemble. 108,765; Mar. 8.
- Fritz, Theresa, Hoboken, N. J. Dress. 108,863; Mar. 15.
- Fritz, Theresa, Hoboken, N. J. Dress. 108,864; Mar. 15.
- Fritz, Theresa, Hoboken, N. J. Dress ensemble. 108,865; Mar. 15.
- Fritz, Theresa M., Hoboken, N. J. Dress. 109,449; Apr. 26.
- Fritz, Theresa M., Hoboken, N. J. Dress. 109,450; Apr. 26.
- Fritz, Theresa M., Hoboken, N. J. Dress. 109,832; May 24.
- Fritz, Theresa M., New York, N. Y. Dress. 110,681; July 26.
- Fritz, Theresa M., New York, N. Y. Dress. 112,710; Dec. 27.
- Fritz, Theresa M., New York, N. Y. Dress. 112,759; Dec. 27.
- Frost, George W., assignor to The Steel Scaffolding Company, Inc., Evansville, Ind. Scaffold unit. 111,651; Oct. 11.
- Frumkin, Max, New York, N. Y. Dress. 112,499; Dec. 6.
- Fuerst, Brooks D., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 110,278; June 28.
- Fuerst, Brooks D., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 110,279; June 28.
- Fuerst, Brooks D., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 110,280; June 28.
- Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 110,354; July 5.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Glass. 107,768; Jan. 4.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,861; Jan. 11.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,862; Jan. 11.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,863; Jan. 11.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,886; Jan. 18.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,987; Jan. 18.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 108,072; Jan. 25.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 108,073; Jan. 25.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Drinking glass. 108,200; Feb. 1.
- Fuerst, Edwin W., Toledo, Ohio, assignor to Duffy-Mott Co., Inc., New York, N. Y. Jar. 108,324; Feb. 8.
- Fuerst, Edwin W., Toledo, Ohio, assignor to National Distillers Products Corporation, Richmond, Va. Bottle. 108,593; Feb. 22.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 109,241; Apr. 12.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 109,242; Apr. 12.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 109,243; Apr. 12.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 109,244; Apr. 12.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 109,245; Apr. 12.
- Fuerst, Edwin W., Toledo, Ohio, assignor to National Distillers Products Corporation, Richmond, Va. Bottle. 109,512; May 3.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 109,753; May 17.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Ashtray. 109,909; May 31.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Ashtray. 109,910; May 31.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 110,281; June 28.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Glass. 110,483; July 12.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Glass. 110,484; July 12.
- Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 111,321; Sept. 20.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Condiment shaker. 112,062; Nov. 8.
- Fuji Junichi Shoten, Ltd. (See Oshima, Shigeo, assignor.)
- Fulcher, Jean, Sharon, Conn., assignor to Maryland Glass Corporation, Baltimore, Md. Bottle. 109,513; May 3.
- Fuller, Foster B., Perinton, A. R. Adams and C. P. Le Frois, assignors to The Trescott Company, Inc., Fairport, N. Y. Link unit for fruit grading aprons or the like. 110,719; Aug. 2.
- Fuller, Joe C., Deerfield, assignor to King-Fuller Co., Chicago, Ill. Bottle. 108,493; Feb. 15.
- Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Phonograph cabinet. 109,555; May 3.
- Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Phonograph cabinet. 111,598; Oct. 4.
- Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Phonograph cabinet. 111,599; Oct. 4.
- Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Phonograph cabinet. 111,702; Oct. 11.
- Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Phonograph cabinet. 112,111; Nov. 8.
- Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Phonograph cabinet. 112,521; Dec. 13.
- Fuller, Walter L., assignor to Gibson, Inc., Kalamazoo, Mich. Hawaiian guitar. 110,178; June 21.
- Fulton Company, The. (See Thorp, J. R., and Strand, assignors.)
- Fulton, Morris M., Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Transformer housing.
- Funk, Truman B., assignor to "Yard-Man," Inc., Jackson, Mich. Lawn mower handle. 112,112; Nov. 8.
- Funke, Edward, Felham Manor, N. Y. Display carton. 110,485; July 12.
- Furrey, Robert, Council Bluffs, Iowa. Combined aquarium and flower stand. 109,478; May 3.
- G. Washington Coffee Refining Co. (See Mark, Clarence, assignor.)
- Gaba, Lester, New York, N. Y., assignor to A. Welner, Providence, R. I., doing business as Albert Manufacturing Company. Brooch or similar article. 108,905; Mar. 22.



- Gaba, Lester, New York, N. Y., assignor to A. Weiner, Providence, R. I., doing business as Albert Manufacturing Company. Brooch or similar article. 108,906; Mar. 22.
- Gaba, Lester, New York, N. Y., assignor to A. Weiner, Providence, R. I., doing business as Albert Manufacturing Company. Brooch or similar article. 108,907; Mar. 22.
- Gaba, Lester, New York, N. Y., assignor to A. Weiner, Providence, R. I., doing business as Albert Manufacturing Company. Brooch or similar article. 108,908; Mar. 22.
- Gaba, Lester, New York, N. Y., assignor to A. Weiner, Providence, R. I., doing business as Albert Manufacturing Company. Brooch or similar article. 108,909; Mar. 22.
- Gaba, Lester, New York, N. Y., assignor to A. Weiner, Providence, R. I., doing business as Albert Manufacturing Company. Brooch or similar article. 108,910; Mar. 22.
- Gaba, Lester, New York, N. Y., assignor to A. Weiner, Providence, R. I., doing business as Albert Manufacturing Company. Brooch or similar article. 109,213; Apr. 12.
- Gaba, Lester, New York, N. Y., assignor to A. Weiner, Providence, R. I., doing business as Albert Manufacturing Company. Brooch or similar article. 109,214; Apr. 12.
- Gabb, Archibald H., Horfield Common, Bristol, assignor to The Tan-Sad Chair Company (1931) Limited, Birmingham, England. Chair or similar article. 108,940; Mar. 22.
- Gagnon, Leo J., assignor to Fosgood Corporation, Leominster, Mass. Hair ornament. 110,922; Aug. 16.
- Galbo, Joseph, New York, N. Y. Dress. 109,273; Apr. 12.
- Gallasch, George B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Slide viewing device. 109,397; Apr. 26.
- Galleazzi, Theodore, San Francisco, Calif. Carving fork. 109,133; Apr. 5.
- Galper, Samuel, New York, N. Y. Leather or similar article. 109,592; May 3.
- Galper, Samuel, New York, N. Y. Leather or similar article. 109,833; May 24.
- Galvin Manufacturing Corporation. (See Mitchell, Donald H., assignor.)
- Galvin Manufacturing Corporation, The. (See Weber, Allen M., assignor.)
- Gamble, George, Cambridge, Mass. Cover for a compact box. 109,802; May 24.
- Gamble, George, Cambridge, Mass. Vanity case or similar article. 111,177; Sept. 6.
- Gamble, Theophilus, Des Moines, Iowa. Pitcher top or similar article. 110,140; June 21.
- Gantner & Mattern Company. (See Gantner, Vallejo, assignor.)
- Gantner & Mattern Company. (See Riordan, Joseph M., assignor.)
- Gantner & Mattern Company. (See Upland, Theodore R., assignor.)
- Gantner, Vallejo, Hollywood, assignor to Gantner & Mattern Company, San Francisco, Calif. Textile fabric. 109,947; May 31.
- Gantner, Vallejo, Hollywood, assignor to Gantner & Mattern Company, San Francisco, Calif. Textile fabric. 110,316; June 28.
- Gantner, Vallejo, Hollywood, assignor to Gantner & Mattern Company, San Francisco, Calif. Textile fabric. 112,113; Nov. 8.
- Ganyaw, Leo J., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Arc welder. 111,703; Oct. 11.
- Ganz, Paul H., New York, N. Y. Bottle or similar container. 108,121; Jan. 25.
- Garbell, Max, Chicago, Ill. Scale. 109,710; May 17.
- Garden Shop, Inc., The. (See Eagleson, Jesse G., assignor.)
- Garlinkel, Louis, assignor to T. & R. Jewelry Company, Providence, R. I. Bracelet chain. 110,568; July 19.
- Garlick, Walter J. Jr., Glen Ridge, assignor to American Transformer Company, Newark, N. J. Electrical reactor. 112,522; Dec. 13.
- Garnett, Edward V. (See Garnett, Vacter G. and E. V.)
- Garnett, Vacter G. and E. V., Denver, Colo. Automotive truck. 108,570; Feb. 22.
- Garry, Otto S., and P. M. Brown, New York, N. Y. Combined bottle and container therefor. 110,245; June 28.
- Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Tray. 110,391; July 5.
- Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Tray. 112,604; Dec. 20.
- Garton, Clarence E., Sheboygan, Wis. Coaster wagon. 108,232; Feb. 1.
- Garton, Clarence E., Sheboygan, Wis. Velocipede. 110,747; Aug. 2.
- Garton Toy Company. (See Eck, Joseph B., assignor.)
- Gar Wood Industries, Inc. (See Frazier, John F., assignor.)
- Gast, George A., assignor to R. T. Moloney, Chicago, Ill. Phonograph cabinet. 109,657; May 10.
- Gates, Arnold N., Cleveland Heights, Ohio. Eyeshade or similar article. 107,954; Jan. 18.
- Gates Rubber Company, The. (See Yelm, Charles W., assignor.)
- Gatons, Charles F., assignor to The Moore Corporation, Joliet, Ill. Stove. 109,398; Apr. 26.
- Gatons, Charles F., and L. J. Hausser, Joliet, and H. H. Heidebreder, Quincy, assignors to The Moore Corporation, Joliet, Ill. Heater. 110,808; Aug. 9.
- Gauss, Edward C. (See Dunn, E. A., and Gaus.)
- Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Strip server. 111,568; Oct. 4.
- Gavin, Arthur E., Huntington Park, Calif. Film rewind. 109,803; May 24.
- Geerlings, Gerald K., New Canaan, Conn. Decorative cove strip. 109,843; May 24.
- Geffner, Samuel H., New York, N. Y. Fringed textile fabric. 108,432; Feb. 15.
- Gelbel, John F., assignor to Master Metal Products, Inc., Buffalo, N. Y. Sanitary waste can. 108,642; Mar. 1.
- Geis, Charles, Cincinnati, Ohio. Combination mail box and support therefor. 110,430; July 12.
- Geissmann, Robert, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch pin or similar article. 110,141; June 21.
- Geissmann, Robert, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch pin or similar article. 110,142; June 21.
- Geissmann, Robert, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch pin or similar article. 110,143; June 21.
- Geist, Irving, New York, N. Y. Blouse. 108,669; Mar. 1.
- Geist, Irving, New York, N. Y. House coat. 112,232; Nov. 15.
- Geist, Irving, New York, N. Y. Housecoat. 112,711; Dec. 27.
- Gelardin, Albert, New York, N. Y. Flashlight case. 108,202; Feb. 1.
- Geller, Harry, New York, N. Y. Shoe. 107,769; Jan. 4.
- Geller, Harry, New York, N. Y. Shoe. 108,325; Feb. 8.
- Geller, Harry, New York, N. Y. Shoe. 111,490; Sept. 27.
- Geller Scallop & Novelty Co., Inc. (See Merkler, Louis, assignor.)
- Gellman, Israel C., assignor to Gellman Manufacturing Company, Rock Island, Ill. Combined massage table and bath cabinet. 111,283; Sept. 13.
- Gellman Manufacturing Company. (See Gellman, Israel C., assignor.)
- Gemex Company. (See Prestinari, Eugen, assignor.)
- Gemex Company. (See Sand, John, assignor.)
- General Beverage Corporation. (See Rzakowski, Anthony, assignor.)
- General Electric Company. (See Allenby, W. F., and Willman.)
- General Electric Company. (See Case, Byron A., assignor.)
- General Electric Company. (See Gosling, Joseph W., assignor.)
- General Electric Company. (See Haven, Edward G., assignor.)
- General Electric Company. (See Knox, C., and Dickie, assignors.)
- General Electric Company. (See Koger, Glenn, assignor.)
- General Electric Company. (See Patten, Ray, assignor.)
- General Electric Company. (See Patten, Raymond E., assignor.)
- General Electric Company. (See Patten, R. E., Hottenroth, and Crago, assignors.)
- General Electric Company Limited, The. (See Barrett, Gerald S., assignor.)
- General Fire Extinguisher Company. (See Arnold, C. A., and Hanson, assignors.)
- General Fireproofing Company, The. (See Johnson, Eric M., assignor.)
- General Fireproofing Company, The. (See Powell, Dwight, assignor.)
- General Ice Cream Corporation. (See Snowden, Byron S., assignor.)
- General Motors Corporation. (See Fiskens, Clarence P., assignor.)
- General Motors Corporation. (See Oswald, John, assignor.)
- General Motors Corporation. (See Reynolds, Carl, Jr., assignor.)
- General Motors Corporation. (See Snyder, George, assignor.)
- General Outdoor Advertising Co. (See Bauers, Alexander L., assignor.)
- General Outdoor Advertising Co. Inc. (See Miller, William, assignor.)
- General Outdoor Advertising Co. Inc. (See Smith, Charles F., assignor.)
- General Spring Bumper Corporation. (See Jandus, Herbert S., assignor.)
- General Theatrical Equipment Corporation. (See Stillwell, Carl W., assignor.)
- General Time Instruments Corporation. (See Darrot, Paul G., assignor.)
- General Time Instruments Corporation. (See Schlenker, Max, assignor.)
- Genoult, Marcel H., Bloomfield, N. J., assignor to Electrical Testing Laboratories, New York, N. Y. Table lamp. 112,240; Nov. 22.



- Gengoult, Marcel H., Bloomfield, N. J., assignor to Electrical Testing Laboratories, New York, N. Y. Floor lamp. 112,250; Nov. 22.
- Gennaro, Emil L. (See Gennaro, Robert C., V. L., and E. L.)
- Gennaro, Robert C., V. L., and E. L., Hazelton, Pa. Bottle. 108,074; Jan. 25.
- Gennaro, Vincent L. (See Gennaro, Robert C., V. L., and E. L.)
- George, Louise, New York, N. Y. Dress. 108,283; Feb. 1.
- Gerard, Frank B., assignor to Sargent & Company, New Haven, Conn. Combination food chopper unit. 110,923; Aug. 16.
- Gerelick, David, New York, N. Y. Coat. 111,762; Oct. 18.
- Gerity Adrian Manufacturing Corporation. (See Zapf, John A., assignor.)
- Gernert, Eleanor L. (See Blake, Beatrice B., assignor.)
- Gershel, Reuben, Philadelphia, Pa. Breastpin. 109,079; Mar. 29.
- Gerton, Philip, New York, N. Y. Stocking or similar article. 111,784; Oct. 18.
- Gerth, William H. (See Allen, G. N., Gerth, and Resseger.)
- Gerth, William H., New York, G. N. Allen and C. A. Bennett, assignors to Oneida Ltd., Oneida, N. Y. Dish or similar article. 109,296; Apr. 19.
- Gerth, William H., New York, G. N. Allen and C. A. Bennett, assignors to Oneida Ltd., Oneida, N. Y. Dish or similar article. 109,297; Apr. 19.
- Gerth, William H., New York, G. N. Allen and C. A. Bennett, assignors to Oneida Ltd., Oneida, N. Y. Pot or similar article. 109,298; Apr. 19.
- Gerton, Philip, New York, N. Y. Stocking or similar article. 112,586; Dec. 13.
- Getman, William, New York, and M. Meisels, Bronx, N. Y. Hat. 110,834; Aug. 9.
- Gibb, Donald L., Midland, Mich. Box. 109,514; May 3.
- Gibbs, David B., New York, N. Y. Badge. 111,763; Oct. 18.
- Gibson, Blair W., Chicago, Ill. Garment hanger. 108,784; Mar. 15.
- Gibson, Inc. (See Fuller, Walter L., assignor.)
- Gilbert, A. C., Company, The. (See Gilbert, Alfred C., assignor.)
- Gilbert, A. C., Company, The. (See Heller, Robert, assignor.)
- Gilbert, Alfred C., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Structural toy element. 108,098; Jan. 25.
- Gilbert & Barker Manufacturing Company. (See Grimmeisen, H. O., Leitch, and De Lancey, assignors.)
- Gilbert, Charles E., New York, N. Y. Electrical connector body. 107,905; Jan. 11.
- Gilbert, Dave, New York, N. Y. Shoe. 110,960; Aug. 23.
- Gilbert, Dave, New York, N. Y. Shoe. 112,251; Nov. 22.
- Gilbert, William L., Clock Corporation. (See Williams, Othneil G., assignor.)
- Gill, Clarence D., Baltimore, Md. Semitrailer automobile carrier. 109,134; Apr. 5.
- Gill, Edward H., assignor to A. A. Kramer, Kansas City, Mo. Tank truck. 107,770; Jan. 4.
- Gill, Edward H., assignor to A. A. Kramer, Kansas City, Mo. Vehicle tank body. 107,771; Jan. 4.
- Gill Glass & Fixture Company. (See Orth, Richard, assignor.)
- Gilleland, Edgar B., Los Angeles, Calif., assignor of one-half to G. W. Gilleland, Kansas City, Mo. Hair curler. 111,652; Oct. 11.
- Gilleland, George W. (See Gilleland, Edgar B., assignor.)
- Gillette Safety Razor Company. (See Worthington, Everett, assignor.)
- Gilman, James N. (See Mowry, Charles E., assignor.)
- Gilman, Nathan H., New York, N. Y. Shoe. 109,215; Apr. 12.
- Gilmore, John L., Kansas City, Mo. Antenna supporting bracket or similar article. 110,748; Aug. 2.
- Glascok Brothers Mfg. Co. (See Frick, Chester A., assignor.)
- Glaser, Albert H., Beverly Gardens, Los Angeles, Calif., assignor to C. L. Packer, Canton, Ohio. Finger ring. 110,615; July 26.
- Glass Containers, Inc. (See Dallas, Ronald H., assignor.)
- Glazebrook, Mae A., Memphis, Tenn. Gift novelty. 110,119; June 14.
- Gleason-Tiebout Glass Company. (See Barnes, Stanley H., assignor.)
- Gleitsman, Harold, New York, N. Y. Hamper. 110,355; July 5.
- Glembly Company, The. (See Du Bon, George, assignor.)
- Glembly Company, The. (See Sachs, Carlton S., assignor.)
- Glenn, John W., Buffalo, N. Y. Toy confection. 109,135; Apr. 5.
- Glennon, Edward J., assignor of one-half to T. B. Steffanson, Chicago, Ill. Card game practice apparatus. 109,136; Apr. 5.
- Glenshaw Glass Company. (See Meyer, Albert C., assignor.)
- Glidden, Wayne, Spokane, Wash. Shirt collar. 110,415; July 5.
- Glinn, Louis, New York, N. Y. Coat. 111,075; Aug. 30.
- Glinn, Louis, New York, N. Y. Vestee. 112,408; Nov. 29.
- Globe Machine & Stamping Company, The. (See Rideout, John G., assignor.)
- Globe Valve Corporation, The. (See Block, Leon, assignor.)
- Glock, Carl A., Lynwood, Calif. Traffic marker. 112,461; Dec. 6.
- Globe-Wernicke Company, The. (See Braun, Francis F., assignor.)
- Globe-Wernicke Company, The. (See Hearn, Thomas, assignor.)
- Glolite Corporation, The. (See Alter, Leo, assignor.)
- Glover, William A., Mentone, Ala., assignor of one-third to P. S. Steward, Chattanooga, Tenn., and one-third to P. L. Rice, Mentone, Ala. Coin holder or similar article. 110,486; July 12.
- Goble, Chester E., Noblesville, Ind. Button or the like. 109,399; Apr. 26.
- Godefroy Manufacturing Company. (See Petty, Fred J., assignor.)
- Godwin, Oscar O., West Palm Beach, Fla. House marker or the like. 108,571; Feb. 22.
- Goehring, Otto C., Elmhurst, N. Y. Font of type. 111,875; Oct. 25.
- Goehring, Otto C., Elmhurst, N. Y. Paper sheet or similar article. 112,397; Nov. 29.
- Gold, Lola, New York, N. Y. Dress. 111,305; Sept. 13.
- Gold, Lola, New York, N. Y. Dress. 111,306; Sept. 13.
- Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider. 107,772; Jan. 4.
- Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider frame. 107,773; Jan. 4.
- Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider. 107,955; Jan. 18.
- Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider. 110,560; July 19.
- Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 112,194; Nov. 15.
- Goldberg, David, Great Neck, N. Y. Electric sadiron. 111,600; Oct. 4.
- Goldberg, Irving, New York, N. Y. Coat. 111,963; Nov. 1.
- Goldberg, Irving L., New York, N. Y. Textile fabric. 108,832; Mar. 15.
- Goldberg, Jack, New York, N. Y. Dress ensemble. 112,654; Dec. 20.
- Goldberg, Jack, New York, N. Y. Dress ensemble. 112,760; Dec. 27.
- Goldberg, Jacob M., Denver, Colo. Moving picture film shipping case. 108,941; Mar. 22.
- Goldberg, Jacob M., Denver, Colo. Ventilator. 109,479; May 3.
- Goldberg, James E., New York, N. Y. Embossed leather sheet or similar article. 111,178; Sept. 6.
- Golden, Abraham, Chicago, Ill. Picture frame. 112,409; Nov. 29.
- Goldenberg, David, New York, N. Y. Dress. 109,556; May 3.
- Goldfarb, Samuel J., New York, N. Y. Dress. 108,975; Mar. 22.
- Goldman, Harry, New York, N. Y. Dress. 109,372; Apr. 19.
- Goldman, Harry, New York, N. Y. Dress. 109,435; Apr. 26.
- Goldman, Harry, New York, N. Y. Dress. 109,451; Apr. 26.
- Goldman, Harry, Chicago, Ill. Miniature hurdy gurdy cabinet. 112,737; Dec. 27.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,684; July 26.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,685; July 26.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,773; Aug. 2.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,774; Aug. 2.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,775; Aug. 2.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,787; Aug. 2.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,788; Aug. 2.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,789; Aug. 2.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,961; Aug. 23.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,962; Aug. 23.
- Goldman, Harry M., New York, N. Y. Textile fabric. 110,963; Aug. 23.
- Goldman, Harry M., New York, N. Y. Textile fabric. 111,044; Aug. 23.
- Goldman, Harry M., New York, N. Y. Textile fabric. 111,045; Aug. 23.
- Goldman, Harry, New York, N. Y. Dress. 111,632; Oct. 4.
- Goldman, Harry, New York, N. Y. Dress. 111,916; Oct. 25.
- Goldman, Harry M., New York, N. Y. Textile fabric. 111,601; Oct. 4.
- Goldman, Harry M., New York, N. Y. Textile fabric. 111,727; Oct. 11.
- Goldman, Harry, New York, N. Y. Dress. 112,027; Nov. 1.



- Goldman, Ralph H., New York, assignor to Hughes-Autograf Brush Co. Inc., Troy, N. Y. Brush. 110,517; July 12.
- Goldsmith, Samuel R., New York, N. Y. Handbag. 108,122; Jan. 25.
- Goldsmith, Samuel R., New York, N. Y. Handbag. 108,670; Mar. 1.
- Goldsmith, Samuel R., New York, N. Y. Handbag. 109,056; Mar. 29.
- Goldsmith, Samuel R., New York, N. Y. Handbag. 109,528; May 3.
- Goldsmith, Samuel R., New York, N. Y. Handbag. 110,137; June 14.
- Goldsmith, Samuel R., New York, N. Y. Handbag. 110,282; June 28.
- Goldsmith, Samuel R., New York, N. Y. Handbag. 111,284; Sept. 13.
- Goldsmith, Samuel R., New York, N. Y. Handbag. 111,582; Oct. 4.
- Goldstein, Beatrice, New York, N. Y. Dress. 109,452; Apr. 26.
- Goldstein, Elias, New York, N. Y. Coat. 108,745; Mar. 8.
- Goldstein, Jack, Bronx, N. Y. Embroidered lace scarf. 108,433; Feb. 15.
- Goldstein, Martin A., New York, N. Y. Hat. 111,704; Oct. 11.
- Goldstein, Martin A., New York, N. Y. Hat. 111,964; Nov. 1.
- Goldthwaite, Robert S., assignor to Rutenber Electric Company, Marion, Ind. Range. 110,924; Aug. 16.
- Goll, Frank D., and J. K. Wareham, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Metallic container or similar article. 112,636; Dec. 20.
- Golland, Samuel, Brooklyn, N. Y. Textile fabric. 112,301; Nov. 22.
- Gonas, Albert J., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. 108,976; Mar. 22.
- Goodkind, Leo, Williamsport, Pa. Slipper. 107,956; Jan. 18.
- Goodman, Ben, Baltimore, Md. Tire. 109,911; May 31.
- Goodman, Ben, Baltimore, Md. Tire. 110,089; June 14.
- Goodman, Jesse J., Bronx, N. Y. Hat or similar article. 110,416; July 5.
- Goodman, Morris, Indianapolis, Ind. Ring. 110,997; Aug. 23.
- Goodman, Morris, Indianapolis, Ind. Finger ring. 111,023; Aug. 23.
- Goodman, Morris, Indianapolis, Ind. Initial ring. 111,024; Aug. 23.
- Goodman, Morris, Indianapolis, Ind. Finger ring. 112,281; Nov. 22.
- Goodrich, B. F., Company, The. (See Adams, Wilbur H., assignor.)
- Goodrich, B. F., Company, The. (See Peterson, Roy C., assignor.)
- Goodrich, B. F., Company, The. (See Smith, Kimball D., assignor.)
- Goodrich, B. F., Company, The. (See Smith, K. D., and Adams, assignors.)
- Goodrich, Roy C., assignor to Robinson Knife Co., Springfield, N. Y. Handle for knives, forks, and similar articles. 110,283; June 28.
- Goodson, Jack, London, England. Game board or similar article. 111,965; Nov. 1.
- Goodstein, Lawrence, New York, N. Y. Comfortable. 109,964; May 31.
- Goodstein, Lawrence, New York, N. Y. Comfortable. 109,965; May 31.
- Gordon, Louis J., Chicago, Ill. Revolving container for drinking glasses. 112,172; Nov. 15.
- Gordon, Max, and J. Fein, New York, N. Y. Shoe. 109,041; Mar. 29.
- Gorham Manufacturing Company. (See Petzold, William B., assignor.)
- Gorham Manufacturing Company. (See Price, James R., assignor.)
- Gorham Manufacturing Company. (See Staf, Axel H., assignor.)
- Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Luminaire. 110,356; July 5.
- Gotham Pressed Steel Corporation. (See Anderson, Charles A., assignor.)
- Gotsch, Walter M., Company. (See Hauck, Marie F., assignor.)
- Gough, Arthur G. H. (See Ford, F. P., Cope, and Gough.)
- Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Waffle mold or similar article. 110,693; Aug. 2.
- Goughnour, Gretchen, York, assignor to L. P. Well, Philadelphia, Pa. Flower holder. 110,144; June 21.
- Goughnour, Gretchen, York, assignor to L. P. Well, Philadelphia, Pa. Combined candlestick and flower holder. 110,145; June 21.
- Goughnour, Gretchen, York, assignor to L. P. Well, Philadelphia, Pa. Candelabra. 110,179; June 21.
- Goughnour, Gretchen, York, assignor to L. P. Well, Philadelphia, Pa. Combined cigarette receptacle, match holder, and ashtray. 110,505; July 19.
- Gould, Marcus A., New Kensington, Pa. Display plate for automobiles. 111,764; Oct. 18.
- Gracey, Robert G. (See Kirkby, R. J., Gracey, Schumm, and Hansen.)
- Gracey, Robert G., Oak Park, assignor to Crane Co., Chicago, Ill. Jacket for a shallow well pump. 109,888; May 31.
- Graduate School of Banking, The. (See Hill, Richard W., assignor.)
- Graef, Jean R., New York, N. Y. Wrist watch case. 112,417; Dec. 6.
- Graff, George R., Toledo, Ohio. Sewing set case. 110,766; Aug. 2.
- Graff, George R., Toledo, assignor to The Henkel-Clauss Company, Fremont, Ohio. Toilet article case. 111,536; Sept. 27.
- Graff, George R., Toledo, assignor to The Henkel-Clauss Company, Fremont, Ohio. Toilet article case. 111,537; Sept. 27.
- Graff, George R., Toledo, assignor to The Henkel-Clauss Company, Fremont, Ohio. Toilet article case. 111,538; Sept. 27.
- Graff, George R., Toledo, assignor to The Henkel-Clauss Company, Fremont, Ohio. Toilet article case. 111,539; Sept. 27.
- Graff, George R., Toledo, Ohio, assignor to The Parker Pen Company, Janesville, Wis. Display box. 112,282; Nov. 22.
- Graham, Barnett J., Okmulgee, Okla. Spool display cabinet. 107,957; Jan. 18.
- Graham-Paige Motors Corporation. (See Neely, William H., assignor.)
- Granat, Joseph, San Francisco, Calif. Multiple gem mounting. 108,123; Jan. 25.
- Granat, Joseph, San Francisco, Calif. Single gem mounting. 108,233; Feb. 1.
- Granat, Joseph, San Francisco, Calif. Finger ring. 108,540; Feb. 22.
- Granat, Joseph, San Francisco, Calif. Wedding ring. 108,541; Feb. 22.
- Granat, Joseph, San Francisco, Calif. Gem setting. 109,137; Apr. 5.
- Granat, Joseph, San Francisco, Calif. Watchcase. 111,917; Oct. 25.
- Granat, Joseph, San Francisco, Calif. Watchcase. 111,918; Oct. 25.
- Granowitz, Jacob, New York, N. Y. Textile fabric. 108,154; Jan. 25.
- Granowitz, Jacob, New York, N. Y. Textile fabric. 108,509; Feb. 15.
- Granowitz, Jacob, New York, N. Y. Textile fabric. 108,510; Feb. 15.
- Granquist, Harold A., assignor to Marshall-Wells Company, Duluth, Minn. Merchandise display rack. 111,140; Sept. 6.
- Granquist, Harold A., assignor to Marshall-Wells Company, Duluth, Minn. Pocketknife display rack. 111,141; Sept. 6.
- Grant, George A., and W. F. Le Moine, Oakland, Calif. Child's play raft. 110,540; July 19.
- Granville, Mary C. (See Agnini, O. J., and Granville.)
- Grasty, Nathaniel D., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Preserving jar. 111,253; Sept. 13.
- Gratiot Fixture & Supply Co. (See Hayes, Edward L., assignor.)
- Gravem, Roy, Berkeley, Calif. Combination salt and pepper shaker. 108,942; Mar. 22.
- Graves, Patricia, New York, N. Y. Match box holder. 109,042; Mar. 29.
- Green, Benjamin, New York, N. Y. Girdle or similar article. 108,729; Mar. 8.
- Green, Jack, assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 110,581; July 19.
- Green, Maurice B., Spring Valley, N. Y. Dress. 111,179; Sept. 6.
- Green, Maurice B., Spring Valley, N. Y. Dress. 111,180; Sept. 6.
- Green, Maurice B., Spring Valley, N. Y. Dress. 111,181; Sept. 6.
- Green, Maurice B., Spring Valley, N. Y. Dress. 112,367; Nov. 29.
- Green, Morris, New York, N. Y. Gilet. 108,833; Mar. 15.
- Green, Ruth, New York, N. Y. Cushion. 107,929; Jan. 11.
- Greenberg, Charles R., New York, N. Y. Wrist watch strap buckle. 112,561; Dec. 13.
- Greenberg, Harry, et al. (See Berk, Lewis, assignor.)
- Greene, Frederick E., Westport, Conn., assignor to Joseph Stokes Rubber Company, Trenton, N. J. Storage battery box. 109,400; Apr. 26.
- Greene, Frederick E., Westport, Conn., assignor to Joseph Stokes Rubber Company, Trenton, N. J. Storage battery box. 109,401; Apr. 26.
- Greenman, Jack, New York, N. Y. Dress ensemble. 108,192; Jan. 25.
- Greenstein, Ben, New York, N. Y. Dress. 108,138; Jan. 25.
- Greenstein, Leo. (See Itzkowitz, E. L., and Greenstein.)
- Greenview Manufacturing Company. (See Stearns, Herman, assignor.)
- Gredler, Kendig H., Springfield, Ohio. Lamp base. 112,695; Dec. 27.
- Greier, George A., College Point, N. Y. Ash receptacle. 112,637; Dec. 20.



- Greneker, Lillian L., New York, N. Y. Display manikin. 109,058; Mar. 29.
- Grieve, Robert A., Denver, Colo. Monument. 112,063; Nov. 8.
- Grimmeisen, Herman O., West Springfield, W. C. Leitch, Longmeadow, and W. H. De Lancey, Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Casing for liquid dispensing apparatus. 112,064; Nov. 8.
- Grimsdale, Thomas T., New York, assignor to Frank M. Sayford Co., Inc., Brooklyn, N. Y. Hot dish pad or similar article. 112,448; Dec. 6.
- Grimsley, Leopold C. (See Rothenberg, H., and Grimsley, assignors.)
- Grobstein, Irving, New York, N. Y. Dress ensemble. 109,373; Apr. 19.
- Grodnick, Alexander, Weehawken, N. J. Knitted fabric. 112,573; Dec. 13.
- Grodnick, Alexander, Weehawken, N. J. Knitted fabric. 112,574; Dec. 13.
- Gromann, Karl, Bloomfield, N. J. Bowling alley. 108,730; Mar. 8.
- Gross, Christian J., Bronxville, N. Y., assignor to Boonton Molding Company, Boonton, N. J. Box for toilet article. 109,216; Apr. 12.
- Groshong, Edith B. (See Groshong, Hal W. and E. B.)
- Groshong, Hal W. and E. B., Cummings, Calif. Doll. 109,402; Apr. 26.
- Gross, Emil, Milwaukee, Wis. Combination key and finger ring. 107,864; Jan. 11.
- Gross, Louis N., Cleveland, Ohio. Textile fabric or similar article. 108,382; Feb. 8.
- Gross-Sydney Inc. (See Kronman, Ruth, assignor.)
- Grossman, Alex, Jersey City, N. J., and E. Axelrod, Brooklyn, N. Y. Embroidered net. 108,434; Feb. 15.
- Grossman, Alex, Jersey City, N. J., and E. Axelrod, Brooklyn, N. Y. Embroidered net. 108,435; Feb. 15.
- Grossman, Alex, Jersey City, N. J., and E. Axelrod, Brooklyn, N. Y. Embroidered net. 108,494; Feb. 15.
- Grossman, Alex, Jersey City, N. J., and E. Axelrod, Brooklyn, N. Y. Embroidered textile fabric. 109,948; May 31.
- Grossman, Edward, New York, N. Y. Coat. 108,284; Feb. 1.
- Grow, Emery E., Jacksonville, Fla. Cutter element for food choppers. 108,326; Feb. 8.
- Grows, Richard C., Evanston, Ill., assignor to Rand McNally & Company. Combined globe and stand. 112,679; Dec. 27.
- Gruen, Robert, Purchase, N. Y. Combination desk unit. 108,694; Mar. 8.
- Gruen Watch Company, The. (See Katz, Benjamin S., assignor.)
- Guerin, Jacques, Paris, France. Perfume bottle. 112,638; Dec. 20.
- Guerlain Perfumery Corporation of Delaware. (See Guerlain, Raymond, assignor.)
- Guerlain, Raymond, Paris, France, assignor to Guerlain Perfumery Corporation of Delaware, Wilmington, Del. Bottle. 110,302; June 28.
- Guerlain, Raymond, Paris, France, assignor to Guerlain Perfumery Corporation of Delaware, Wilmington, Del. Box. 111,025; Aug. 23.
- Gugenheim, Joseph E., Indianapolis, Ind. Roasting ear dish or the like. 111,254; Sept. 13.
- Guggenheim, Paul, assignor to Philadelphia Metal Drying Form Company, Philadelphia, Pa. Automobile top radio antenna. 112,523; Dec. 13.
- Guhl, Maclyn, New York, N. Y. Tinsel textile fabric. 110,964; Aug. 23.
- Guhl, Maclyn, New York, N. Y. Textile fabric. 111,491; Sept. 27.
- Guhl, Maclyn, New York, N. Y. Textile fabric. 112,338; Nov. 29.
- Guhl, Maclyn, New York, N. Y. Textile fabric. 112,339; Nov. 29.
- Guild, Lurelle, Noroton, Conn. Pitcher. 109,979; June 7.
- Guild, Lurelle, Noroton, Conn. Platter. 109,980; June 7.
- Guild, Lurelle, Darien, Conn., assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Electrical connector. 109,912; May 31.
- Guild, Lurelle, Darien, Conn., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Thermometer. 110,246; June 28.
- Guild, Lurelle, Darien, Conn., assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Cover for a vacuum cleaner or similar article. 111,512; Sept. 27.
- Guilfoil, Oscar D., Syracuse, N. Y. Frame for a sanctuary lamp. 112,738; Dec. 27.
- Gulbransen Company. (See Zack, Samuel E., assignor.)
- Gunn, Claude M., Kansas City, Mo. Speedometer. 109,639; May 10.
- Gurns, Stanley J., assignor to The Norlipp Company, Chicago, Ill. Guard for automobile fenders. 112,524; Dec. 13.
- Gurns, Stanley J., assignor to The Norlipp Company, Chicago, Ill. Guard for automobile fenders. 112,525; Dec. 13.
- Guth, Edwin F., Webster Groves, Mo. Light controlling plate for lighting fixtures. 107,774; Jan. 4.
- Guth, Edwin F., Webster Groves, Mo. Illuminating fixture. 110,639; July 26.
- Guthrie, James M., Pittsburgh, Pa. Bottle. 109,913; May 31.
- Guthrie, James M., Pittsburgh, Pa. Bottle. 109,914; May 31.
- Guthrie, James M., Pittsburgh, Pa. Bottle. 109,915; May 31.
- Gutierrez, Paul, New York, N. Y. Dress. 108,996; Mar. 22.
- Guyer, Edward R., Hinsdale, assignor to Cribben and Sexton Company, Chicago, Ill. Gas range electric lamp. 111,540; Sept. 27.
- Guyon, Yvonne, New York, N. Y. Dress. 111,558; Sept. 27.
- Guyon, Yvonne, New York, N. Y. Dress. 112,315; Nov. 22.
- Guzy, Aaron, New York, N. Y. Dress. 111,559; Sept. 27.
- Gwilt, Ney, Gridley, Calif. Feeding trough. 108,436; Feb. 15.
- H & H Machine & Motor Parts Company. (See Michener, Edward R., assignor.)
- Haas, Alvin, Peru, Ill. Scroll saw frame. 110,749; Aug. 2.
- Hackman, Meyer J., Chicago, Ill. Novelty doll. 112,434; Dec. 6.
- Hadley, Donald L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric hot plate. 111,322; Sept. 20.
- Hadley, Donald L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric toaster or the like. 111,765; Oct. 18.
- Hadley, Donald L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric toaster or the like. 112,252; Nov. 22.
- Hafler, Lizzie, assignor to S. S. Rice, Jr., and A. S. Klein, copartners doing business as Tailor Maid Blouses, Los Angeles, Calif. Blouse. 112,553; Dec. 13.
- Hafner, August, Flushing, N. Y. Textile fabric. 108,943; Mar. 22.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or the like. 110,324; June 28.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or the like. 110,325; June 28.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or the like. 110,326; June 28.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or the like. 110,327; June 28.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or the like. 110,328; June 28.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or the like. 110,329; June 28.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or the like. 110,330; June 28.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or the like. 110,331; June 28.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or the like. 110,332; June 28.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 110,846; Aug. 9.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 110,847; Aug. 9.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 110,948; Aug. 16.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 111,124; Aug. 30.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 111,728; Oct. 11.
- Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 112,340; Nov. 29.
- Haggart, John C., Jr., Westfield, N. J., assignor to Signal Service Corporation. Reflector signal device or the like. 111,966; Nov. 1.
- Hagstrom, Joseph E., assignor to The Vendo Company, Kansas City, Mo. Bottle vending machine. 111,851; Oct. 25.
- Hakman, David, Mattapan, and M. Strachman, Roxbury, Mass. Automotive engine cooling system cleaning apparatus. 108,643; Mar. 1.
- Hale, Greta, Chicago, Ill. Sewing cabinet. 108,071; Mar. 1.
- Half, Corinne C., Pittsburgh, Pa. Textile fabric. 110,809; Aug. 9.
- Hall China Company, The. (See Brindley, Leonard, assignor.)
- Hall, Claude C., Portland, Oreg. Foraminated die. 108,944; Mar. 22.
- Hall, Louis M., Fort Thomas, Ky., assignor to The Monarch Tool and Manufacturing Company, Cincinnati, Ohio. Coin slide guard. 112,341; Nov. 29.
- Hall, Mercedes, New York, N. Y. Dress ensemble. 108,155; Jan. 25.
- Hall, Mildred L., Meriden, Conn. Lip protector for drinking vessels. 112,449; Dec. 6.
- Hall, Thomas H. (See Pellegrin, E. D., and Hall.)
- Hall, Volta R., Cleveland, Ohio. Pocket oiler. 109,515; May 3.
- Halladay, Stuart C., Franklin, assignor to Bird & Son, Inc., East Walpole, Mass. Rug. 112,739; Dec. 27.
- Hallenscheid, Gustave A., Los Angeles, Calif. Combined tooth brush and tumbler holder. 110,562; July 19.
- Halpern, Leo, New York, N. Y. Wrap. 108,392; Feb. 8.
- Hamilton, Francis C., Evanston, Ill., assignor of one-half to L. R. Schuessler, St. Louis, Mo. Statuette or similar article. 109,320; Apr. 19.
- Hamilton, George A., Albany, N. Y. Grill. 108,439; Feb. 15.
- Hamilton, George A., Albany, N. Y. Griddle or the like. 109,658; May 10.



- Hamilton, J. T. & A., Company. (See Kihn, Lawrence J., assignor.)
- Hamilton, J. T. & A., Company. (See Meier, John H., assignor.)
- Hamilton, J. T. & A., Company. (See Meier, John H., Jr., assignor.)
- Hammond Instrument Company. (See Stephens, George H., assignor.)
- Hampton Specialty Products, Inc. (See Schaffer, Edward A., assignor.)
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 107,838; Jan. 4.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 107,839; Jan. 4.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 107,840; Jan. 4.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 108,437; Feb. 15.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 108,438; Feb. 15.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 110,686; July 26.
- Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 110,687; July 26.
- Hand, Thomas L., assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio. Nut dispenser. 109,321; Apr. 19.
- Hand, Thomas L., Cincinnati, assignor to The Ohio Foundry and Manufacturing Company, Steubenville, Ohio. Heater. 109,403; Apr. 26.
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company, New York, N. Y. Fountain pen or similar article. 112,283; Nov. 22.
- Hanley, John A., Noroton, Conn. Electric shaving device. 108,440; Feb. 15.
- Hanley, John A., Noroton, Conn. Electric shaving device. 108,441; Feb. 15.
- Hanley, John A., Noroton, Conn. Handle casing for electric clipper or the like. 108,542; Feb. 22.
- Hanna, Horace W., assignor of one-half to K. Malik, New York, N. Y. Coaster slide. 111,876; Oct. 25.
- Hansen, George E. (See Kirkby, R. J., Gracey, Schumm, and Hansen.)
- Hansen, Marius H., et al. (See Hansen, S. L., Olsen, and Schmid, assignors.)
- Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,988; Jan. 18.
- Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,989; Jan. 18.
- Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,990; Jan. 18.
- Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,991; Jan. 18.
- Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,992; Jan. 18.
- Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,993; Jan. 18.
- Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,994; Jan. 18.
- Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Glass. 108,746; Mar. 8.
- Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 111,766; Oct. 18.
- Hansen, William, Chicago, Ill. Display stand. 110,487; July 12.
- Hansmann, Ernest, assignor to The Continental Elastic Corporation, New Bedford, Mass. Braid or similar article of manufacture. 112,302; Nov. 22.
- Hanson, Eric P. (See Arnold, C. A., and Hanson.)
- Hanson, Martin, Chicago, Ill. Dresser or similar article. 110,694; Aug. 2.
- Hanson, Martin, Chicago, Ill. Dresser chest or similar article. 110,695; Aug. 2.
- Hanson, Martin, Chicago, Ill. Desk or similar article. 110,696; Aug. 2.
- Hanson, Martin, Chicago, Ill. Buffet or similar article. 111,142; Sept. 6.
- Hanson, Martin, Chicago, Ill. Chest or similar article. 112,114; Nov. 8.
- Hanssen, Stan L., et al. (See Hanssen, S. L., Olsen, and Schmid, assignors.)
- Hanssen, Stan L., A. P. Olsen, and A. A. Schmid, assignors to M. H. Hanssen and S. L. Hanssen, Chicago, Ill. Dial housing for a weighing scale. 108,076; Jan. 25.
- Hardeman, William E., Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire. 110,616; July 26.
- Hardeman, William E., Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire. 110,965; Aug. 23.
- Hardie, Joseph P. (See Herrick, G. L., Hardie, and Cobb.)
- Hardman, Peck and Company. (See Jiraneck, Leo, assignor.)
- Hardy, Ethel, New York, N. Y. Dress. 108,997; Mar. 22.
- Harlem, Lewis W., Quincy, assignor to American Traveling Goods Co., Inc., Boston, Mass. Safety razor case. 109,480; May 3.
- Harley, Bertron G., Saco, Maine. Diner. 110,000; June 7.
- Harley, Bertron G., Saco, Maine. Diner. 110,417; July 5.
- Harm, William, Philadelphia, Pa. Textile fabric. 108,511; Feb. 15.
- Harm, William, Philadelphia, Pa. Textile fabric. 108,572; Feb. 22.
- Harm, William, Philadelphia, Pa. Textile fabric. 108,672; Mar. 1.
- Harm, William, Philadelphia, Pa. Textile fabric. 108,834; Mar. 15.
- Harm, William, Philadelphia, Pa. Textile fabric. 109,299; Apr. 19.
- Harnick, Harry, and J. Saslow, Brooklyn, N. Y. Lady's cap. 109,016; Mar. 29.
- Harr, Herman H., East Cleveland, Ohio. Beverage dispensing cabinet. 112,145; Nov. 15.
- Harris, Herbert M., New York, N. Y. Dress. 109,374; Apr. 19.
- Harris, Herbert M., New York, N. Y. Dress. 109,453; Apr. 26.
- Harris, Lou, New York, N. Y. Dress. 109,581; May 3.
- Harris, Victor E. (See Springer, E. M., and Harris.)
- Harris, William E., assignor of one-half to J. D. Powell, Cincinnati, Ohio. Measuring instrument. 110,720; Aug. 2.
- Harriss, Claire B., Du Quoin, Ill. Dress. 109,844; May 24.
- Hart, Aubrey F., New York, N. Y. Combined stirrup and toe guard. 108,285; Feb. 1.
- Hart, William A., Chicago, Ill., assignor to The Sanitary Sugar Bowl Company, Pittsburgh, Pa. Sugar bowl top. 108,945; Mar. 22.
- Hartman, Leon, assignor to Abbey Photo Corporation, New York, N. Y. Range finder bracket. 110,582; July 19.
- Harton, J. Edney. (See Rominger, Herbert H., assignor.)
- Hartwell, Benjamin F., Bellows Falls, Vt. Shoe. 112,342; Nov. 29.
- Hartz Mountain Products, Inc. (See Stern, Edgar, assignor.)
- Harvey, Alan F., Kearny, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 108,262; Feb. 1.
- Harvey, Alan F., Kearny, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic tube or similar article. 109,300; Apr. 19.
- Hasenstein, Chester K., Sheboygan, Wis. Combined rocking chair and footstool. 111,200; Sept. 6.
- Hassenfeld, Henry, Providence, R. I. Combined display card and pencil. 111,492; Sept. 27.
- Hastedt, John, et al., executors. (See Biva, Lucien.)
- Hastedt, John, et al. (See Biva, Lucien, assignor.)
- Hatch, Paul F., Ypsilanti, and M. J. Hume, Ann Arbor, assignors to Harley C. Loney Company, Detroit, Mich. Wheel balancing weight. 112,526; Dec. 13.
- Hatcher, Allen S., Mount Holly, N. J. Textile fabric. 108,393; Feb. 8.
- Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. Spread or similar article. 109,138; Apr. 5.
- Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. Spread or similar article. 109,659; May 10.
- Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. Spread or similar article. 109,711; May 17.
- Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. Spread or similar article. 109,762; May 17.
- Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. Spread or similar article. 110,024; June 7.
- Hauptman, William R., Los Angeles, Calif. Cellaret. 110,067; June 14.
- Hausser, Lawrence J. (See Gatons, C. F., Hausser, and Heldbreder.)
- Hanton, Paul S., Atlanta, Ga. Box for a finger nail pencil or similar article. 109,845; May 24.
- Havekost, John T., Flushing, N. Y. Combination container and individual receptacle. 110,640; July 26.
- Havekost, John T., Flushing, N. Y. Bottle. 112,696; Dec. 27.
- Haven, Edward G., Scotia, N. Y., assignor to General Electric Company. Airplane landing indicator. 112,743; Dec. 27.
- Haven, Kent C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Laundry machine. 107,865; Jan. 11.
- Haven, Kent C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Laundry machine. 107,866; Jan. 11.
- Haviland, Theodore & Co. Inc. (See Haviland, William D., assignor.)
- Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co. Inc., New York, N. Y. Covered dish. 109,889; May 31.
- Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co. Inc., New York, N. Y. Coffeepot or similar article. 109,890; May 31.
- Havils, Adolph J., Oak Park, assignor to Keystone Metal Products Co., Chicago, Ill. Tumbler rack. 111,767; Oct. 18.
- Havourd, Richard S., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Balancing attachment for a pistol. 110,697; Aug. 2.
- Hawaiian Pineapple Company. (See Munderff, Theodore J., assignor.)



- Hawaiian Pineapple Company. (See Richards, Helen H., assignor.)
- Hawk, Charles E., Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 110,894; Aug. 16.
- Hawk, Charles E., Muncie, Ind., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 110,895; Aug. 16.
- Hayes, Edward L., assignor to Gratiot Fixture & Supply Co., Detroit, Mich. Refrigerator cabinet. 112,253; Nov. 22.
- Hayes, Ralph H., and W. L. Smith, Highland Park, Mich. Ball game device. 110,863; Aug. 16.
- Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)
- Hazel-Atlas Glass Company, The. (See Spence, James E., assignor.)
- Hazenberg, Cornell D., Evansville, Ind. Drawer pull. 110,213; June 21.
- Hazenberg, Cornell D., Evansville, Ind. Drawer pull. 110,214; June 21.
- Headley, George W., 3rd, assignor to P. E. Flato, New York, N. Y. Cigarette case or similar article. 110,864; Aug. 16.
- Headley, George W., 3rd, assignor to P. E. Flato, New York, N. Y. Cigarette case or similar article. 111,653; Oct. 11.
- Hearn, Thomas, Ludlow, Ky., assignor to The Globe-Wernicke Company, Norwood, Ohio. Wastebasket. 110,111; June 14.
- Hechtman, Aaron. (See Belitchman, L., and Hechtman.)
- Hedstrom, Knute W., assignor to Hedstrom-Union Company, Gardner, Mass. Velocipede. 112,680; Dec. 27.
- Hedstrom-Union Company. (See Carlson, William G., assignor.)
- Hedstrom-Union Company. (See Hedstrom, Knute W., assignor.)
- Heidbreder, Herman H. (See Gatons, C. F., Hausser, and Heidbreder.)
- Heidbreder, Herman H., Quincy, Ill., assignor to Southern Stove Works, Richmond, Va. Cooking range. 109,059; Mar. 29.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 110,777; Aug. 2.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 110,778; Aug. 2.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 110,779; Aug. 2.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 110,780; Aug. 2.
- Heim, Jacques, Paris, France. Textile fabric or similar article. 111,054; Aug. 23.
- Heims, Lillian, New York, N. Y. Dress or similar article. 112,655; Dec. 20.
- Heims, Lillian, New York, N. Y. Dress or similar article. 112,712; Dec. 27.
- Heitler, Kurt, New York, N. Y. Advertising folder or similar article. 109,916; May 31d.
- Hellander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 110,561; July 19.
- Hellander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 112,065; Nov. 8.
- Helberg, Robert J., assignor to Sy-fil Corporation, Seattle, Wash. Carbonated water bottle filler. 111,143; Sept. 6.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 111,877; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 111,878; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Lyre for a piano. 111,879; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Lyre for a piano. 111,880; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 111,898; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 111,899; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 111,900; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 111,901; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 111,902; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 111,903; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Lyre for a piano. 111,904; Oct. 25.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 112,146; Nov. 15.
- Heller, Henry R., assignor to Winter & Co., New York, N. Y. Lyre for a piano. 112,147; Nov. 15.
- Heller, Robert, New York, N. Y., assignor to The A. C. Gilbert Company, New Haven, Conn. Electric mixer body. 108,946; Mar. 22.
- Heller, Robert, New York, N. Y., assignor to The A. C. Gilbert Company, New Haven, Conn. Electric mixer. 108,947; Mar. 22.
- Heller, Robert, New York, assignor to Suffolk Craftsmen, Inc., Huntington, N. Y. Luggage lock or the like. 110,865; Aug. 16.
- Helmer, Dorothy G., Indianapolis, Ind., assignor to Electrical Testing Laboratories, New York, N. Y. Table lamp. 112,066; Nov. 8.
- Helms, Frederick R., Swansea, Mass. Cocktail napkin. 109,274; Apr. 12.
- Helms, Rudolph H. (See Weeks, J. R., and Helms.)
- Helmuth, Louis W., Lakewood, Ohio. Nightshirt. 111,967; Nov. 1.
- Helsley, Frank H., Los Angeles, Calif. Ullage-rod wiper. 108,234; Feb. 1.
- Henfield, Martin, Astoria, N. Y. Pillow. 109,060; Mar. 29.
- Henkel-Clauss Company, The. (See Graff, George R., assignor.)
- Hennings, Raymond A., assignor of one-half to A. G. Tennis, New Orleans, La. Display stand. 108,235; Feb. 1.
- Henschel, Joseph, New York, N. Y. Coat. 109,712; May 17.
- Henschel, Joseph, New York, N. Y. Coat. 109,936; May 31.
- Henschel, Joseph, New York, N. Y. Coat. 110,056; June 7.
- Henschel, Joseph, New York, N. Y. Coat. 110,215; June 21.
- Henschel, Joseph, New York, N. Y. Coat. 110,247; June 28.
- Henschel, Joseph, New York, N. Y. Coat. 110,303; June 28.
- Herr, Frank E., Lancaster, Pa. Oil burner. 108,477; Feb. 15.
- Herr, Frank E., Lancaster, Pa. Oil burner. 108,478; Feb. 15.
- Herrick, George L., Westfield, N. J., J. P. Hardie, Hartsdale, and A. Cobb, Jr., Bronxville, assignors to Bristol Myers Company, New York, N. Y. Tooth brush. 108,852; Mar. 15.
- Herron, Archie L., assignor to Stewart-Warner Corporation, Chicago, Ill. Radio cabinet. 107,995; Jan. 18.
- Herron, Edward C., East St. Louis, Ill. Whatnot or similar article. 111,654; Oct. 11.
- Hersh, Theodore A., assignor to Joy Fastener Company, Franklin, Pa. Slide fastener. 112,418; Dec. 6.
- Hersh, Theodore A., assignor to Joy Fastener Company, Franklin, Pa. Slide fastener. 112,419; Dec. 6.
- Hersh, Theodore A., assignor to Joy Fastener Company, Franklin, Pa. Slide fastener. 112,420; Dec. 6.
- Hersh, Theodore A., assignor to Joy Fastener Company, Franklin, Pa. Slide fastener. 112,421; Dec. 6.
- Hersh, Theodore A., assignor to Joy Fastener Company, Franklin, Pa. Slide fastener. 112,422; Dec. 6.
- Hersh, Theodore A., assignor to Joy Fastener Company, Franklin, Pa. Slide fastener. 112,423; Dec. 6.
- Hersh, Theodore A., assignor to Joy Fastener Company, Franklin, Pa. Slide fastener. 112,424; Dec. 6.
- Hersh, Theodore A., assignor to Joy Fastener Company, Franklin, Pa. Slide fastener. 112,425; Dec. 6.
- Hersh, Theodore A., assignor to Joy Fastener Company, Franklin, Pa. Slide fastener. 112,426; Dec. 6.
- Herzig, Leonard A., Brooklyn, assignor to Conquest Alliance Co., Inc., New York, N. Y. Cabinet for combination radio, phonograph, and microphone. 108,998; Mar. 22.
- Herzog, Joseph L., New York, N. Y. Finger ring or similar article. 111,493; Sept. 27.
- Hess, Clarence R. T., Prairie View, assignor to Edward Katzinger Company, Chicago, Ill. Strainer. 107,958; Jan. 18.
- Hess, Clarence R. T., Prairie View, Ill. Fork blade. 108,495; Feb. 15.
- Hess, Clarence R. T., Prairie View, assignor to Edward Katzinger Company, Chicago, Ill. Cake turned or similar article. 108,076; Jan. 25.
- Hess, Clarence R. T., Prairie View, assignor to Edward Katzinger Company, Chicago, Ill. Batter whip or similar article. 108,077; Jan. 25.
- Hess, Clarence R. T., Prairie View, assignor to Edward Katzinger Company, Chicago, Ill. Cake turner or similar article. 108,078; Jan. 25.
- Hess, Clarence R. T., Prairie View, Ill., assignor to Perfex Corporation, Milwaukee, Wis. Casing for unit heater or similar article. 108,512; Feb. 15.
- Hess, Clarence R. T., Prairie View, assignor to The Edward Katzinger Company, Chicago, Ill. Ferrule for household utensil handles and the like. 109,557; May 3.
- Hess, Clarence R. T., Prairie View, assignor to The Edward Katzinger Company, Chicago, Ill. Ferrule for household utensil handles and the like. 111,655; Oct. 11.
- Hess, David, Brooklyn, N. Y. Textile fabric. 110,641; July 26.
- Hesse, Samuel, Memphis, Tenn. Puzzle. 111,905; Oct. 25.
- Hettrick Manufacturing Company, The. (See Smith, William I., assignor.)
- Hewitt, Elmer S., Niles Center, Ill. Casing for electric air driers. 110,001; June 7.
- Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shift lever handle. 111,836; Oct. 18.
- Heyman, Herman C., New York, N. Y. Glove. 108,176; Jan. 25.
- Heyman, Herman C., New York, N. Y. Glove. 108,835; Mar. 15.
- Heyman, Herman C., New York, N. Y. Glove. 109,195; Apr. 5.
- Heyman, Herman C., New York, N. Y. Glove. 109,196; Apr. 5.



- Heywood-Wakefield Company. (See Buchheim, Herman E., assignor.)
- Heywood-Wakefield Company. (See Miller, Charles, assignor.)
- Hickerson, William J., Philadelphia, Pa. Mirror. 109,981; June 7.
- Hickerson, William J., Philadelphia, Pa. Mirror. 109,982; June 7.
- Hickerson, William J., Philadelphia, Pa. Mirror. 109,983; June 7.
- Hickerson, William J., Philadelphia, Pa. Mirror. 109,984; June 7.
- Hickerson, William J., Philadelphia, Pa. Chest of drawers. 109,985; June 7.
- Hickerson, William J., Philadelphia, Pa. Chest of drawers. 109,986; June 7.
- Hickerson, William J., Philadelphia, Pa. Chest of drawers. 109,987; June 7.
- Hickerson, William J., Philadelphia, Pa. Buffet or similar article. 110,541; July 19.
- Hickerson, William J., Philadelphia, Pa. Buffet or similar article. 110,542; July 19.
- Hickerson, William J., Philadelphia, Pa. Buffet or similar article. 110,543; July 19.
- Hickerson, William J., Philadelphia, Pa. Buffet or similar article. 110,544; July 19.
- Hickerson, William J., Philadelphia, Pa. Chair. 110,545; July 19.
- Hickerson, William J., Philadelphia, Pa. Chair. 110,546; July 19.
- Hickerson, William J., Philadelphia, Pa. Chair. 110,547; July 19.
- Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)
- Hickok Manufacturing Company. (See Shields, Lowell W., assignor.)
- Hicks, William E., St. Louis, Mo. Identification tag. 107,867; Jan. 11.
- Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Bag frame. 109,404; Apr. 26.
- Higgins, Jane, Riverside, R. I., assignor to Electrical Testing Laboratories, New York, N. Y. Combined base and pedestal for table lamps. 112,067; Nov. 8.
- Higginson, George J., New York, N. Y. Plate or similar article. 108,079; Jan. 25.
- Higginson, George J., New York, N. Y. Plate or similar article. 108,080; Jan. 25.
- Higginson, George J., assignor to Johnson Bros. (Hanley) Ltd., New York, N. Y. Platter or similar article. 111,255; Sept. 13.
- Higler, Julius A., Gloversville, N. Y. Glove. 107,996; Jan. 18.
- Higler, Julius A., Gloversville, N. Y. Glove. 108,156; Jan. 25.
- Higgins, Jane, Riverside, R. I., assignor to Electrical Testing Laboratories, New York, N. Y. Floor lamp. 112,639; Dec. 20.
- Hike, Charles V., Bellevue, Nebr. Advertising sign. 110,488; July 12.
- Hilder, Leonard O., Arlington, Va. Educational device. 110,721; Aug. 2.
- Hill, C. V., & Co. (See Hoffman, Cyrus F., assignor.)
- Hill, F. H., Company. (See Scholl, Harry S., assignor.)
- Hill, Richard W., Larchmont, assignor to The Graduate School of Banking, New York, N. Y. Badge or similar article. 108,442; Feb. 15.
- Hill, Roy W., Chicago, Ill. Combined coat and cape. 110,848; Aug. 9.
- Hinckley-Myers Company. (See MacMillan, Charles W., assignor.)
- Hinlein, Milton J. (See Richtmyer, A. R., and Hinlein.)
- Hinretra Laboratories. (See Kahn, Ely J., assignor.)
- Hirsch, B. F., Inc. (See Soroka, Raymond, assignor.)
- Hirschland, Richard S., Harrison, assignor to Geo. V. Clark Co., Inc., Long Island City, N. Y. Windowed canister. 112,656; Dec. 20.
- Hiscock, William J., assignor to Wolfsheim & Sachs, Inc., Buffalo, N. Y. Jewelry display container or similar article. 107,997; Jan. 18.
- Hiscock, William J., assignor to Wolfsheim & Sachs, Inc., Buffalo, N. Y. Jewelry display container or similar article. 107,998; Jan. 18.
- Hiscock, William J., assignor to Wolfsheim & Sachs, Inc., Buffalo, N. Y. Jewelry display container or similar article. 107,999; Jan. 18.
- Hiscock, William J., assignor to Wolfsheim & Sachs, Inc., Buffalo, N. Y. Jewelry display container or similar article. 108,000; Jan. 18.
- Hjermstad, Hans V., and P. F. Sperry, assignors to Federal Electric Company, Chicago, Ill. Casing for an ozonizer. 110,025; June 7.
- Hobart Manufacturing Company, The. (See Meeker, D. A., and Houser, assignors.)
- Hobé, William W., New York, N. Y. Brooch pin or similar article. 108,543; Feb. 22.
- Hobé, William W., New York, N. Y. Brooch pin or similar article. 108,544; Feb. 22.
- Hobé, William W., New York, N. Y. Bracelet or similar article. 108,545; Feb. 22.
- Hobe, William W., New York, N. Y. Bracelet or similar article. 109,804; May 24.
- Hochberg, Rose, New York, N. Y. Dress. 108,394; Feb. 8.
- Hochman, Sol B., New York, N. Y. Slip. 108,027; Jan. 18.
- Hochstadter, Louis, Chicago, Ill. Miniature religious shrine or similar article. 111,452; Sept. 20.
- Hockenberger, Rudolph P., Toledo, Ohio. Toothbrush sterilizer-holder. 109,805; May 24.
- Hoefer, Fred S., Morristown, N. J. Statuette. 111,569; Oct. 4.
- Hoeter, Frederick W., New York, N. Y. Bottle pourer. 112,115; Nov. 8.
- Hoeveler, John A., Mount Lebanon, assignor to Pittsburgh Reflector Company, Pittsburgh, Pa. Lighting fixture. 109,660; May 10.
- Hoeveler, John A., Mount Lebanon, assignor to Pittsburgh Reflector Company, Pittsburgh, Pa. Lighting fixture. 109,661; May 10.
- Hoff Manufacturing Company, The. (See Ridenour, R. Bernard, assignor.)
- Hoffman, Cyrus F., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Display case. 109,405; Apr. 26.
- Hoffman, Cyrus F., assignor to C. V. Hill & Co., Inc., Trenton, N. J. Food cabinet. 109,949; May 31.
- Hoffman, Jacob N., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Platen frame for typewriting machines. 108,014; Jan. 18.
- Hoffman, James H., New York, N. Y. Woven fabric. 108,236; Feb. 1.
- Hoffman, Rudolph, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo. Range. 108,177; Jan. 25.
- Hoffmann, John A., St. Louis, Mo., assignor of one-third to H. Murdock and one-third to L. D. McCord, East St. Louis, Ill. Advertising device. 108,621; Mar. 1.
- Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Table leg. 108,443; Feb. 15.
- Hoffmaster, Byron T. (See Broeren, F. L., Hoffmaster, and Krueger.)
- Hohner, M., Inc. (See Vassos, John, assignor.)
- Hokanson, Otto A. (See Swanson, C. A., and Hokanson.)
- Holden, Dean H., Cleveland, Ohio. Electric lighting fixture. 112,068; Nov. 8.
- Holden, Maggie. (See Douglas, O. M., and Holden.)
- Hollander, Harold, New York, N. Y. Chair or the like. 109,891; May 31.
- Holmes, Frank B., Jr., Orchard Lake, Mich. Child's step-up stool. 111,968; Nov. 1.
- Holmes, James T., Jamaica, assignor to Shapiro & Aronson, New York, N. Y. Louver for lighting fixtures. 108,644; Mar. 1.
- Holmes, T. J., Company. (See Lohse, Frederick W., assignor.)
- Holmgren, Axel, Trelleborg, Sweden. Stopper or similar article. 111,541; Sept. 27.
- Honig, Herman, New York, N. Y. Dress. 111,705; Oct. 11.
- Hood Rubber Company. (See Hosker, Clarence E., assignor.)
- Hood Rubber Company. (See Tousley, Nelson E., assignor.)
- Hoover Company, The. (See Pierce, Frank L., assignor.)
- Hoover, Frank M., Youngstown, Ohio. Gear shift ball. 111,881; Oct. 25.
- Hope, Samuel N. (See Broeren, F. L., and Hope.)
- Hopfenberg, Irving J., New York, N. Y., assignor to Freeman Daughaday Company, Providence, R. I. Collar holder. 110,284; June 28.
- Hopkins, George J., assignor to McCray Refrigerator Company, Kendallville, Ind. Refrigerated display case. 107,775; Jan. 4.
- Hopkins, Horner H., Des Moines, Iowa. Knife holder. 108,747; Mar. 8.
- Hopkins, Robert C., Rockville Centre, N. Y. Hosliery dispensing machine. 111,107; Aug. 30.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Combined photographic copying and projection apparatus. 112,410; Nov. 29.
- Holdt, Henry M., assignor to Brenkert Light Projection Company, Detroit, Mich. Projection lamp. 111,002; Oct. 4.
- Horn, W. C., Bro. & Co. (See Horn, William C., assignor.)
- Horn, William C., Orange, assignor to W. C. Horn, Bro. & Co., Newark, N. J. Tit-tat-toe game device. 110,357; July 5.
- Horowitz, Solomon, New York, N. Y. Textile fabric. 108,157; Jan. 25.
- Horsley, James H., assignor to Shanklin Manufacturing Company, Chicago, Ill. Cigarette container. 111,969; Nov. 1.
- Horstman, John H. (See Huffman, H. M., Jr., and Horstman.)
- Horteman, Alfred J., New York, N. Y. Combined lantern and bottle. 108,327; Feb. 8.
- Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,256; Sept. 13.
- Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,257; Sept. 13.
- Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,258; Sept. 13.



- Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,259; Sept. 13.
- Horton, George T., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Elevated tank. 111,260; Sept. 13.
- Horwitt, Nathan G., New York, N. Y. Ashtray. 109,754; May 17.
- Hosford, William R., assignor to Duro Metal Products Company, Chicago, Ill. Combination tool. 111,026; Aug. 23.
- Hosker, Clarence E., assignor to Hood Rubber Company, Inc., Watertown, Mass. Shoe. 111,808; Oct. 18.
- Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
- Hottenroth, Frederick W., Jr. (See Patten, R. E., Hottenroth, and Crago.)
- Houdaille-Hershey Corporation. (See Jandus, Herbert S., assignor.)
- Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
- Houser, Franklin D. (See Meeker, D. A., and Houser.)
- Houston, Julia L., Los Angeles, Calif. Bathtub. 109,713; May 17.
- Howell, Bernard C. (See Melvin, F. F., and Howell.)
- Howell Company, The. (See Hoffmann, Wolfgang, assignor.)
- Hub Hosiery Mills. (See Connor, W. F., and Carney, assignors.)
- Hubbard, Don C., Auburn, Maine. Sole or similar article. 108,286; Feb. 1.
- Hubbard Shoe Co. (See Freeman, Edward, assignor.)
- Hubbard Spool Company. (See Sherlock, Ralph H., assignor.)
- Huber, Charlotte, New York, N. Y. Thread dispenser. 110,583; July 19.
- Huddle, John T., St. Petersburg, Fla. Wooden link belt. 112,303; Nov. 22.
- Huelat, John H., New York, N. Y. Textile fabric. 108,513; Feb. 15.
- Huettemann, Fritz, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 110,671; July 26.
- Huff, Joseph M., Oklahoma City, Okla. Traffic marker. 108,444; Feb. 15.
- Huffman, Horace M., Jr., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Chain guard. 108,817; Mar. 15.
- Huffman, Horace M., Jr., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Chain guard. 108,818; Mar. 15.
- Huffman, Horace M., Jr., and J. H. Horstman, assignors to The Huffman Manufacturing Company, Dayton, Ohio. Bicycle. 112,069; Nov. 8.
- Huffman Manufacturing Company, The. (See Huffman, Horace M., Jr., assignor.)
- Huffman Manufacturing Company, The. (See Huffman, H. M., Jr., and Horstman, assignors.)
- Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron or similar article. 110,998; Aug. 23.
- Huffman, Russell I., Strasburg, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron or similar article. 111,341; Sept. 20.
- Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron. 112,527; Dec. 13.
- Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Combined handle and standard for a sadiron or similar article. 112,195; Nov. 15.
- Hughes-Autograf Brush Co. Inc. (See Goldman, Ralph H., assignor.)
- Hughes, William, Taunton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Eyelet. 109,614; May 10.
- Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Projection printer. 108,785; Mar. 15.
- Huizing, John D., New York, N. Y. Ribbon. 108,139; Jan. 25.
- Huizing, John D., New York, N. Y. Ribbon. 112,562; Dec. 13.
- Hull, Addis E., Zanesville, Ohio. Mixing bowl or similar article. 108,445; Feb. 15.
- Hull-Dobbs Enterprises. (See Kell, Frederick A., assignor.)
- Hullinger, Glenn, assignor to Arkansas Fuel Oil Company, Shreveport, La. Tire. 111,970; Nov. 1.
- Hume, George B., Kansas City, Mo. Fountain shelf rack. 110,146; June 21.
- Hume, George B., Kansas City, Mo. Portable refrigerator individual ice cream shelf unit. 111,076; Aug. 30.
- Hume, Malcolm J. (See Hatch, P. F., and Hume.)
- Hummel, Walter T., Nuremberg-Bayern, Germany. Hand magnifying reading glass or similar article. 109,322; Apr. 19.
- Huot, Constant J., assignor to Kopp Glass, Incorporated, Swissvale, Pa. Lighting fixture globe or similar article. 112,697; Dec. 27.
- Hurwit, Sol, Los Angeles, Calif. Shoe. 111,678; Oct. 11.
- Hurwit, Sol, Los Angeles, Calif. Shoe. 111,679; Oct. 11.
- Hurwit, Sol, Los Angeles, Calif. Shoe. 111,680; Oct. 11.
- Hurwitz, Nathan, Cleveland, Ohio. Porch glider or similar article. 110,563; July 19.
- Hurwitz, Nathan, Cleveland, Ohio. Porch glider or similar article. 110,564; July 19.
- Hurzeler, Alphons, New Rochelle, N. Y. Shoe. 108,479; Feb. 15.
- Hurzeler, Alphons, New Rochelle, N. Y. Shoe. 110,248; June 28.
- Hurzeler, Alphons, New Rochelle, N. Y. Heel. 111,852; Oct. 25.
- Huse, Harry W., Glendale, Calif. Confection. 111,971; Nov. 1.
- Hutchinson, Robert H., Dallas, Tex. Grille for windows and the like. 107,868; Jan. 11.
- Hutchinson, Robert H., Dallas, Tex. Door grille. 107,869; Jan. 11.
- Hutchinson, Robert H., Dallas, Tex. Grille. 107,894; Jan. 11.
- Hutchinson, Robert H., Dallas, Tex. Door and window grille. 108,237; Feb. 1.
- Hutt, George A. (See Hutt, Robert J. and G. A.)
- Hutt, Robert J. and G. A., Brooklyn, N. Y. Dolly. 109,061; Mar. 29.
- Huxter, Walker L. C., Richmond, Va. Vaporizer. 112,698; Dec. 27.
- Hyde, A. R., and Sons Co. (See Rossi, Rocco F., assignor.)
- Hygienic Tube & Container Company. (See Lerner Herman B., assignor.)
- Hyman, Henry. (See Muldoon, Bernard F., assignor.)
- Hymen, Louis, New York, N. Y. Dress. 111,261; Sept. 15.
- Hynes, Charles L., Calcutta, India. Sock. 112,368; Nov. 29.
- Iannelli, Alfonso, Park Ridge, assignor to The Wahl Company, Chicago, Ill. Eraser holder. 110,896; Aug. 16.
- Illinois Watch Case Company. (See Wewetzer, Albert, assignor.)
- Immerman, Arthur, New York, N. Y., assignor to La Parée Undergarment Co., Inc., Jersey City, N. J. Ship. 111,201; Sept. 6.
- Imperial Brass Manufacturing Company, The. (See McIntosh, Robert D., assignor.)
- Indianapolis Stove Co. (See Brown, Garvin M., assignor.)
- Industrial Brownhose Corporation, The. (See Taylor, Ernest W., assignor.)
- Ingersoll-Rand Company. (See Jones, Joseph W., assignor.)
- Injection Moulding Corporation. (See Kayn, Stephen F., assignor.)
- Injection Moulding Corp. (See Whyte, Daniel D., assignor.)
- Injection Moulding Corporation. (See Whyte, D. D., and Kayn, assignors.)
- International Association of Lions Clubs. (See Jones, Melvin, assignor.)
- International Corset Company. (See Laguzzi, Mario, assignor.)
- International Harvester Company. (See Scarratt, A. W., and Koeber, assignors.)
- International Projector Corporation. (See Boecking, Ewald, assignor.)
- International Radio Corporation. (See Fassin, Gustave, assignor.)
- International Shoe Company. (See Jordan, Leo J., assignor.)
- International Silver Company. (See Conroy, Edward J., assignor.)
- International Silver Company. (See Helander, Lillian V. M., assignor.)
- International Silver Company. (See Kintz, Alfred G., assignor.)
- Interstate Button Company. (See Rohde, Carlos J., assignor.)
- Ironrite Company. (See Sperlich, Herman A., assignor.)
- Irwin, Maude L., Alameda, Calif. Washboard. 111,348; Sept. 20.
- Ish-Shalom, Samu-El, New York, N. Y., assignor to Mergenthaler Linotype Company. Font of printing type. 111,633; Oct. 4.
- Itskowitz, Eugene I., and L. Greenstein, Brooklyn, N. Y. Sweater. 109,834; May 24.
- J. C. Laboratories. (See Barnhart, Adam B.)
- Jaccard, Helene S., Mission Hills, Kans. Sport hat. 112,304; Nov. 22.
- Jaccarino, Richard, Tuckahoe, N. Y. Wrist watch bezel. 108,600; Feb. 22.
- Jackson, Charles d'O. P., assignor to T. & H. Smith Limited, Edinburgh, Scotland. Medicine bottle. 110,180; June 21.
- Jackson, Charles W., Rocky River, Ohio. Toy sign. 108,328; Feb. 8.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Vegetable masher or similar article. 108,028; Jan. 18.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Baking pan. 108,140; Jan. 25.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Baking pan. 108,141; Jan. 25.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Sheet metal for making baking receptacles or similar articles. 108,573; Feb. 22.



- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Bake pan. 109,481; May 3.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Bake pan. 109,482; May 3.
- Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Baking pan. 112,254; Nov. 22.
- Jackson, Michael, Chicago, Ill. Mailing folder. 111,285; Sept. 13.
- Jackson, Purvis D., assignor to Motor Master Products Company, Chicago, Ill. Spark plug. 110,518; July 12.
- Jacobs, Isadore, New York, N. Y. Coat. 109,139; Apr. 5.
- Jacobs, Joseph, Brooklyn, N. Y. Decorative nail. 109,806; May 24.
- Jacobs, Joseph, Brooklyn, N. Y. Decorative nail. 109,807; May 24.
- Jacobs, Joseph, Brooklyn, N. Y. Decorative nail. 109,808; May 24.
- Jacobs, Joseph, Brooklyn, N. Y. Decorative nail. 109,809; May 24.
- Jacobs, Joseph, Brooklyn, N. Y. Decorative nail. 109,810; May 24.
- Jacobs, Joseph, Brooklyn, N. Y. Decorative eyelet. 109,866; May 31.
- Jacoby, Carl E., Chicago, Ill., assignor to C. G. Conn, Ltd., Elkhart, Ind. Accordion. 108,695; Mar. 8.
- Jacoby, Carl E., Chicago, Ill., assignor to C. G. Conn, Ltd., Elkhart, Ind. Accordion. 108,696; Mar. 8.
- Jaeger, Adolph C., Port Chester, N. Y. Textile fabric or similar article. 108,263; Feb. 1.
- Jaeger, Adolph C., Port Chester, N. Y. Textile fabric or similar article. 108,287; Feb. 1.
- Jaeger Company Inc., The. (See Mellen, Clara, assignor.)
- Jahne, Alfred H. (See Aldrich, R. N., and Jahne.)
- Jaffe, Samuel, Chicago, Ill. Finger ring or similar article. 109,714; May 17.
- Jagosz, Walter, Detroit, Mich. Combined desk, bookcase and radio cabinet. 111,513; Sept. 27.
- Jagosz, Walter, Detroit, Mich. Combined radio cabinet, phonograph cabinet and desk. 111,514; Sept. 27.
- James Manufacturing Company. (See Jones, W. H., Markey, and Olson, assignors.)
- James Manufacturing Company. (See Kreutzer, Frederick J., assignor.)
- Janca, Joseph J., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Electric fan. 111,681; Oct. 11.
- Janca, Joseph J., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Air circulator. 111,972; Nov. 1.
- Janca, Joseph J., and P. M. Brannan, assignors to The Emerson Electric Mfg. Co., St. Louis, Mo. Air circulator. 111,542; Sept. 27.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,698; Aug. 2.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,699; Aug. 2.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,700; Aug. 2.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,701; Aug. 2.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,702; Aug. 2.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,703; Aug. 2.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper or similar article. 110,704; Aug. 2.
- Jandus, Herbert S., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Vehicle bumper or similar article. 112,196; Nov. 15.
- Janssen, Sophie M., Philadelphia, Pa. Lamp shade. 109,017; Mar. 29.
- Janssen, Sophie M., Philadelphia, Pa. Lamp shade. 109,018; Mar. 29.
- Jantzen, Frederick H., Bronx, N. Y. Restaurant or similar building. 112,587; Dec. 13.
- Jaschke, Alwine, administratrix. (See Jaske, F., and Johnson.)
- Jaske, Fred, deceased, Alameda, and C. M. Johnson, San Francisco, Calif.; A. Jaschke administratrix of said F. Jaske. Brooch or similar article. 108,178; Jan. 25.
- Jaske, Fred, deceased, Alameda, and C. M. Johnson, San Francisco, Calif.; A. Jaschke administratrix of said F. Jaske. Brooch or similar article. 108,179; Jan. 25.
- Jeffers, Minnie R., Bullsgap, Tenn. Game board. 111,973; Nov. 1.
- Jefferson Electric Company. (See Fulton, Morris M., assignor.)
- Jenkins, John G., Seattle, Wash. Clock. 100,323; Apr. 19.
- Jennings, Herbert G. (See Mulwitz, R., and Jennings.)
- Jennings, O. D., & Company. (See Jennings, Ode D., assignor.)
- Jennings, Ode D., Schaumburg Township, Cook County, assignor to O. D. Jennings & Company, Chicago, Ill. Scale. 108,329; Feb. 8.
- Jerome, Hilda, assignor to Rosenau Bros., Inc., Philadelphia, Pa. Dress. 110,584; July 19.
- Jewels by Karples, Inc. (See Karples, Franklin E., assignor.)
- Jewett, John B., Jr., Newtown, assignor to Skymasters Corporation, Cincinnati, Ohio. Toy telephone. 108,645; Mar. 1.
- Jiraneck, Leo, Scarsdale, assignor to Hardman, Peck and Company, New York, N. Y. Piano case. 107,870; Jan. 11.
- Jiraneck, Leo, Scarsdale, N. Y. Buffet. 111,768; Oct. 18.
- Jobst, Conrad, assignor to The Owens Staple-Tied Brush Company, Toledo, Ohio. Hair brush. 110,642; July 26.
- Jocell, Esther, New York, N. Y. Dress. 110,597; July 19.
- Jocell, Esther, New York, N. Y. Dress. 110,598; July 19.
- Jocell, Esther, New York, N. Y. Dress. 111,931; Oct. 25.
- Johansson, Ernst, Jr., Hoboken, N. J. Lobster fork. 112,042; Nov. 8.
- Johns, William T., San Antonio, Tex. Illuminated advertising display sign. 110,866; Aug. 16.
- Johnson, Albert H., Detroit, Mich. Combined vegetable peeler, slicer, and shredder. 112,528; Dec. 13.
- Johnson, Arthur W. N., Garberville, Calif. Building. 108,786; Mar. 15.
- Johnson Bros. (Hanley) Ltd. (See Higginson, George J., assignor.)
- Johnson, Carl J., Chicago, Ill. Caster. 108,948; Mar. 22.
- Johnson, Carl M. (See Jaske, F., and Johnson.)
- Johnson, Eric M., assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 108,877; Mar. 22.
- Johnson, Eric M., assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 109,715; May 17.
- Johnson, Frank E., assignor to Reynolds Metals Company, New York, N. Y. Bottle closure cover or similar article. 112,699; Dec. 27.
- Johnson, Herbert C., Wilmette, Ill. Juice extractor. 109,062; Mar. 29.
- Johnson, Herbert C., Wilmette, Ill. Juice extractor. 110,897; Aug. 16.
- Johnson, Jay M. (See Finch, P. R., and Johnson.)
- Johnson, John H., Toronto, Ontario, Canada, assignor to K & W Rubber Corporation, Delaware, Ohio. Air cushion. 108,622; Mar. 1.
- Johnson, Lawrence N., Chicago, Ill. Combination comb and curler. 110,999; Aug. 23.
- Johnson, Otto E., Chicago, Ill. Lamp. 112,700; Dec. 27.
- Johnson, Ross H., Indianapolis, Ind. Longitudinal arch support. 108,099; Jan. 25.
- Johnson, Ross H., Indianapolis, Ind. Adjustable metatarsal insole. 108,100; Jan. 25.
- Johnson, Roy W. (See Barnes, J. F., Reinecke, and Johnson.)
- Johnson, Stephens and Shinkle Shoe Company. (See Sutton, John R., assignor.)
- Johnson, William E., Chicago, Ill., assignor to Rand McNally & Company. Combined globe and stand. 111,853; Oct. 25.
- Johnston, Harry S., Jr., assignor to The Robert A. Johnston Company, Milwaukee, Wis. Display stand. 108,446; Feb. 15.
- Johnston, Robert A., Company, The. (See Johnston, Harry S., Jr., assignor.)
- Jones, Clarence M., Calhoun, Ga. Bedspread. 110,519; July 12.
- Jones, Clarence M., Calhoun, Ga. Bedspread. 110,520; July 12.
- Jones, David. (See Smith, C. H., and Jones.)
- Jones, Elmer J., San Francisco, Calif. Combined brush and razor holder. 110,090; June 14.
- Jones, Frances M., Burlington, Iowa. Hair curler. 112,197; Nov. 15.
- Jones, Fred D., Jr., Seattle, Wash., assignor, by mesne assignments, to H. W. Bangert. Combination lamp and clock. 109,811; May 24.
- Jones, Harry M., Chicago, Ill. Apparatus for chemical analysis. 109,217; Apr. 12.
- Jones, Joseph W., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Motor driven portable compressor. 108,001; Jan. 18.
- Jones, Melvin, assignor to International Association of Lions Clubs, Chicago, Ill. Key charm. 111,262; Sept. 13.
- Jones, Willard H., G. T. Markey, and J. B. Olson, assignors to James Manufacturing Company, Port Atkinson, Wis. Rabbit battery. 112,070; Nov. 8.
- Jonik, Jacob, Detroit, Mich. Combined change tray and gummed tape holder. 111,144; Sept. 6.
- Jordan, Leo J., Pasadena Park, assignor to International Shoe Company, St. Louis, Mo. Shoe. 112,144; Nov. 8.
- Josefshberg, Leo, et al. (See Beck, Lewis, assignor.)
- Joseph, John J. (See Davis, K. E., and Joseph.)
- Joslin, Charles A., assignor to R. Blackinton & Co., North Attleboro, Mass. Spoon. 110,569; July 19.
- Joyce, Green L., and E. L. Ordley, Bassett, Va. Combination signboard and danger reflector. 112,329; Dec. 13.
- Joy Fastener Company. (See Hersh, Theodore A., assignor.)
- Jubilee Manufacturing Company. (See Nielsen, Peter, assignor.)
- Judd, Trenor P., Cairo, Ill. Automobile body. 110,358; July 5.



- Judsen, Nils A. (See Rose, M., and Judsen.)
- Juels, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Combined eraser and pencil tip. 109,140; Apr. 5.
- Junkunc, Stephen, Sr. (See Junkunc, Stephen, Jr., assignor.)
- Junkunc, Stephen, Jr., assignor to S. Junkunc, Sr., Oak Park, Ill. Arm for burial casket handles. 111,145; Sept. 6.
- Junkunc, Stephen, Jr., assignor to S. Junkunc, Sr., Oak Park, Ill. Cap for burial casket handles. 112,284; Nov. 22.
- Justrite Manufacturing Company. (See Brown, Le Roy O., assignor.)
- Juul, Arne, Hayward, Wis., and R. Juul, Evanston, Ill. Artificial bait. 110,091; June 14.
- Juul, Reidar. (See Juul, Arne and R.)
- K & W Rubber Corporation. (See Johnson, John H., assignor.)
- Kahle, Robert L., Philadelphia, Pa. Woven textile fabric. 111,809; Oct. 18.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Cooking stove. 108,715; Mar. 8.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Cooking stove. 108,716; Mar. 8.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Cooking stove. 108,717; Mar. 8.
- Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Heater. 110,285; June 28.
- Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Pencil or the like. 110,810; Aug. 9.
- Kahn, David, Inc. (See Kahn, David, assignor.)
- Kahn, Ely J., assignor to Hiestra Laboratories, New York, N. Y. Jar. 108,081; Jan. 25.
- Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 108,238; Feb. 1.
- Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 110,002; June 7.
- Kahn, Leo L., New York, N. Y. Embroidered fabric. 107,906; Jan. 11.
- Kahn, Leo L., New York, N. Y. Embroidered fabric. 107,907; Jan. 11.
- Kahn, Morris, New York, N. Y. Finger ring. 112,605; Dec. 20.
- Kain, Irvin, Columbus, Ohio. Combination smoker's and reader's stand. 112,369; Nov. 29.
- Kalamazoo Stove Company. (See Adams, Wilbur H., assignor.)
- Kalamazoo Stove Company. (See Esson, Edwin, assignor.)
- Kalamazoo Stove Company. (See Pellegrin, Elmer D., assignor.)
- Kalish, Beatrice C., New York, N. Y. Dress. 109,835; May 24.
- Kalish, Beatrice C., New York, N. Y. Dress. 109,855; May 24.
- Kalish, Beatrice C., New York, N. Y. Dress. 109,856; May 24.
- Kalish, Beatrice C., New York, N. Y. Dress. 110,216; June 21.
- Kalish, Beatrice C., New York, N. Y. Dress. 112,761; Dec. 27.
- Kallman, William K. (See Barth, Bruno H., assignor.)
- Kalmon, Morris, New York, N. Y. Shoe. 112,071; Nov. 8.
- Kalmus, Arnold J., New York, N. Y. Dress. 110,521; July 12.
- Kamin, Vernon A., Maywood, assignor to Corona Radio & Television Corporation, Chicago, Ill. Radio receiver cabinet. 108,977; Mar. 22.
- Kaminsky, Rubin, New York, N. Y. Slipper. 110,134; June 14.
- Kane, Martine, New York, N. Y., assignor to Helena Rubinstein, Inc. Lipstick holder. 108,330; Feb. 8.
- Kapit, Harry A. (See Edwards, Steve, assignor.)
- Kaplan, Albert, New York, N. Y. Dress ensemble. 107,822; Jan. 4.
- Kaplan, Albert, New York, N. Y. Dress. 108,264; Feb. 1.
- Kaplan, Albert, New York, N. Y. Dress ensemble. 108,673; Mar. 1.
- Kaplan, Alice S., New York, N. Y. Dress. 112,116; Nov. 8.
- Kaplan, Alice S., New York, N. Y. Dress. 112,500; Dec. 6.
- Kaplan, Charles, et al. (See Rich, Philip, assignor.)
- Kaplan, Eugene, Boston, Mass. Building. 112,072; Nov. 8.
- Kaplan, Jack I., Carthage, Mo. Shoe. 110,068; June 14.
- Kaptuller, Alexander F., assignor to Allied Engineering Company, Chicago, Ill. Roller skate. 110,722; Aug. 2.
- Karagheusian, A. & M., Inc. (See Dewsbury, William O., assignor.)
- Karlen, Lena, New York, N. Y. Thermometer. 110,392; July 5.
- Karoff, Robert B., New York, N. Y. Combination container for bath salts and bath cologne. 109,064; Mar. 29.
- Karoff, Robert B., New York, N. Y. Combination container for perfumes. 110,003; June 7.
- Karples, Franklin E., Poundridge, assignor to Jewels by Karples, Inc., New York, N. Y. Pin clip or similar article. 111,769; Oct. 18.
- Kashine, Louis L., New York, N. Y. Dress. 109,967; May 31.
- Kasper, Moe J., New York, N. Y. Sweater ensemble. 110,026; June 7.
- Kass, Herman, New York, N. Y. Leather or similar article. 109,324; Apr. 19.
- Kato, Kisaburo, San Francisco, Calif. Plate or analogous article. 109,529; May 3.
- Kato, Kisaburo, San Francisco, Calif. Bowl or analogous article. 112,606; Dec. 20.
- Katz, Adolph, New York, N. Y. Clip or similar article. 107,776; Jan. 4.
- Katz, Adolph, New York, N. Y. Brooch pin or similar article. 112,148; Nov. 15.
- Katz, Benjamin S., assignor to The Gruen Watch Company, Cincinnati, Ohio. Display box for rings. 108,082; Jan. 25.
- Katz, Emil, New York, N. Y. Lace. 111,603; Oct. 4.
- Katz, Emil, New York, N. Y. Lace. 111,604; Oct. 4.
- Katz, Hyman J., New York, N. Y. Dress. 111,146; Sept. 6.
- Katz, Hyman J., New York, N. Y. Dress. 111,147; Sept. 6.
- Katz, Hyman J., New York, N. Y. Dress. 111,148; Sept. 6.
- Katz, Hyman J., New York, N. Y. Dress. 111,706; Oct. 11.
- Katz & Ogush, Inc. (See Ogush, Ben, assignor.)
- Katz, Russell, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio, as trustees. Casing for an autographic register. 112,575; Dec. 13.
- Katz, Russell, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio, as trustees. Casing for an autographic register. 112,576; Dec. 13.
- Katzinger, Edward, Company, The. (See Hess, Clarence R. T., assignor.)
- Katzinger, Edward, Company, The. (See Jackson, Joseph G., assignor.)
- Katzinger, Edward, Company, The. (See King, Guy N., assignor.)
- Katzky, Fritz, Chicago, Ill. Turn signal. 110,898; Aug. 16.
- Kaufman, Benjamin M., New York, N. Y. Textile fabric. 108,180; Jan. 25.
- Kaufman, Benjamin M., New York, N. Y. Textile fabric. 110,966; Aug. 23.
- Kaufman, Louis, New York, N. Y. Combined pleated and embroidered fabric. 108,853; Mar. 15.
- Kaufman, Murray, assignor to Murray Kaufman, Inc., New York, N. Y. Fur jacket. 111,770; Oct. 18.
- Kaufman, Murray, Inc. (See Kaufman, Murray, assignor.)
- Kavenagh, William E., Windsor, Vt., assignor to Wingfoot Corporation, Wilmington, Del. Combination sole and heel. 108,623; Mar. 1.
- Kawaller, Celia, New York, N. Y. Dress. 110,522; July 12.
- Kawaller, Celia, New York, N. Y. Dress. 110,585; July 19.
- Kay, John, La Porte, Ind. Advertising sign. 111,583; Oct. 4.
- Kay, John, La Porte, Ind. Advertising sign. 111,584; Oct. 4.
- Kay, John, La Porte, Ind. Advertising sign. 111,585; Oct. 4.
- Kay, John, La Porte, Ind. Advertising sign. 111,605; Oct. 4.
- Kay, John, La Porte, Ind. Advertising sign. 111,606; Oct. 4.
- Kay, John, La Porte, Ind. Advertising sign. 111,607; Oct. 4.
- Kayn, Stephen F. (See Whyte, D. D., and Kayn.)
- Kayn, Stephen F., assignor to Injection Moulding Corporation, New York, N. Y. Decorative comb. 109,950; May 31.
- Keane, John. (See Murray, B. A., and Keane.)
- Kearney & Trecker Corporation. (See Armitage, Joseph B., assignor.)
- Keating, Archie F., Decatur, Ill. House dress. 108,766; Mar. 8.
- Keeler, Lawrence P. (See Pitman, L. R. E., and Keeler.)
- Keil, Rudolph. (See Stoll, Henry C., assignor.)
- Keith, Geo. E., Company. (See Caldwell, Charles H., assignor.)
- Keith, Geo. E., Company. (See Lutz, Albert W., assignor.)
- Kell, Frederick A., St. Louis, Mo., assignor to Hull-Dobbs Enterprises, Akron, Ohio. Ventilator for gas stoves or the like. 108,911; Mar. 22.
- Keller, Anna, Lakewood, N. J. Scouring pad holder. 109,080; Mar. 29.
- Kelley, Earl L., Los Angeles, Calif. Clock dial. 112,607; Dec. 20.
- Kellogg Switchboard & Supply Company. (See Rose, M., and Judsen, assignors.)
- Kelly, James S. (See Paul, A. D., and Kelly.)
- Kelly, Robert A., East Pittsburgh, Pa. Plate or similar article. 108,005; Jan. 18.



- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 107,823; Jan. 4.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 107,824; Jan. 4.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Plate or similar article. 107,871; Jan. 11.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Torte plate or similar article. 107,872; Jan. 11.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Ashtray or similar article. 107,873; Jan. 11.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 108,002; Jan. 18.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 108,003; Jan. 18.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Salad plate or similar article. 108,004; Jan. 18.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Covered jar or similar article. 108,083; Jan. 25.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Mayonnaise bowl or similar article. 108,203; Feb. 1.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Covered jar or similar article. 108,204; Feb. 1.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Cup or similar article. 108,205; Feb. 1.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Cream pitcher or similar article. 108,206; Feb. 1.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Salt shaker or similar article. 108,207; Feb. 1.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Candlestick or similar article. 108,208; Feb. 1.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Covered candy jar or similar article. 108,209; Feb. 1.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Covered dish or similar article. 108,210; Feb. 1.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Tray or similar article. 108,331; Feb. 8.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Relish tray or similar article. 108,447; Feb. 15.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Tray or similar article. 108,448; Feb. 15.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Candle holder or similar article. 108,624; Mar. 1.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Tumbler or similar article. 108,957; Mar. 22.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Ashtray or similar article. 109,141; Apr. 5.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Ashtray or similar article. 109,218; Apr. 12.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Bobèche or similar article. 109,219; Apr. 12.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Bottle or similar article. 109,220; Apr. 12.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Console bowl or similar article. 109,275; Apr. 12.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Salad bowl or similar article. 109,276; Apr. 12.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 109,406; Apr. 26.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Bottle or similar article. 109,755; May 17.
- Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Bottle or similar article. 109,763; May 17.
- Kelm, Everett F., assignor to Corning Glass Works, Corning, N. Y. Glass stopper. 111,453; Sept. 20.
- Kelsey-Hayes Wheel Company. (See Ash, Charles S., assignor.)
- Kempner, Celeste K., New York, N. Y. Doll or similar article. 108,332; Feb. 8.
- Kende, George, assignor, by mesne assignments, to Universal Camera Corporation, New York, N. Y. Incandescent lamp. 109,716; May 17.
- Kende, George, New York, N. Y., and P. J. Browncombe, East Orange, N. J., assignors to Universal Camera Corporation, New York, N. Y. Camera or similar article. 110,027; June 7.
- Kende, George, New York, and W. E. Yevick, Brooklyn, N. Y., assignors to Universal Camera Corporation, New York, N. Y. Camera or similar article. 110,028; June 7.
- Kende, George, New York, N. Y., and P. J. Browncombe, East Orange, N. J., assignors to Universal Camera Corporation, New York, N. Y. Camera or similar article. 110,323; June 28.
- Kendrick, Laurence W. (See Brand, A. S., and Kendrick.)
- Kennedy, Walter L., assignor to Crosbe and Blackwell Company, Baltimore, Md. Jar. 108,594; Feb. 22.
- Kennedy, William L., Denver, Colo. Combined tube dispenser and article holding device. 111,771; Oct. 18.
- Kennelly, Jeremiah D., Oak Park, Ill. Locomotive headlight. 109,407; Apr. 26.
- Kensington, Incorporated. (See White, William C., assignor.)
- Kent, John S., Jr., assignor to M. A. Packard Company, Brockton, Mass. Shoe. 110,811; Aug. 9.
- Keough, Timothy L., Roxbury, Mass. Toothpick case. 112,640; Dec. 20.
- Kern, Edgar J., Shreveport, La. Automobile radio antenna. 109,063; Mar. 29.
- Kessler, Betty, New York, N. Y. Dress. 112,657; Dec. 20.
- Kestenman Bros. Mfg. Co. (See Kestenman, Charles H., assignor.)
- Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Watch bracelet or the like. 110,092; June 14.
- Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Bracelet chain or the like. 110,093; June 14.
- Kestin, Irving M., New York, N. Y. Buckle. 109,019; Mar. 29.
- Kettleborough, Harry J., Mendota, Ill. Domestic ice cream freezer. 111,772; Oct. 18.
- Kettleborough, Harry J., Mendota, assignor to H. D. Conkey & Company, Chicago, Ill. Domestic ice cream freezer. 112,255; Nov. 22.
- Keyes, Kenneth B., New York, N. Y. Shoe or similar article. 112,256; Nov. 22.
- Keyes, Kenneth B., New York, N. Y. Shoe or similar article. 112,257; Nov. 22.
- Keyes, Kenneth B., New York, N. Y. Heel. 112,343; Nov. 29.
- Keystone Metal Products Co. (See Havlis, Adolph J., assignor.)
- Kidd, Harry M., El Paso, Tex. Face plate for an electric switch. 110,867; Aug. 16.
- Kidde, Walter, Sales Company. (See Paxton, Worthen, assignor.)
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to Malson Joubert, Inc., New York, N. Y. Toilet bottle. 109,325; Apr. 19.
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to Malson Joubert, Inc., New York, N. Y. Toilet bottle. 109,326; Apr. 19.
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to Malson Joubert, Inc., New York, N. Y. Toilet bottle. 109,327; Apr. 19.
- Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 112,198; Nov. 15.
- Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)
- Kileup, Ernest I., Barrington, assignor to Davol Rubber Company, Providence, R. I. Combination hot water and ice bag. 108,718; Mar. 8.
- Kimball, C. M., Company. (See Williams, Charles A., assignor.)
- Kimbrell, James T., Selma, Ala. Game board. 111,974; Nov. 1.
- Kimmel, Frederick C., Rochester, N. Y. Electric broiler. 109,610; May 10.
- King-Fuller Co. (See Fuller, Joe C., assignor.)
- King, Gilbert M., Pawtucket, R. I. Lace. 107,825; Jan. 4.
- King, Gilbert M., Pawtucket, R. I. Lace. 107,826; Jan. 4.
- King, Gilbert M., Pawtucket, R. I. Lace. 107,827; Jan. 4.
- King, Guy N., London, England, assignor to The Edward Katzinger Company, Chicago, Ill. Jug. 110,809; Aug. 16.
- King Innovations, Incorporated. (See Roma, Gustav G., assignor.)
- King, Walter G. (See Foxmeyer, Isidore M., assignor.)
- Kingman, Russell B., Orange, N. J., assignor to Metal Textile Corporation. Doll. 108,084; Jan. 25.
- Kingman, Russell B., Orange, N. J., assignor to Metal Textile Corporation. Doll. 108,085; Jan. 25.
- Kingsbury, George P., Hollis, N. Y. Medical measuring cup. 112,173; Nov. 15.
- Kinney, Ethel E., Seattle, Wash. Bouche bag cover. 109,246; Apr. 12.
- Kinsley, Felix P., St. Louis, Mo. Gem setting. 108,697; Mar. 8.
- Kinsley, Felix P., St. Louis, Mo. Finger ring. 112,285; Nov. 22.



- Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 110,548; July 19.
- Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 111,515; Sept. 27.
- Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 112,427; Dec. 6.
- Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 112,428; Dec. 6.
- Kinzler, Jacob, New York, N. Y. Coat. 110,523; July 12.
- Kipp, Karl, assignor to Daystrom Corporation, Olean, N. Y. Smoking stand. 110,463; July 12.
- Kipp, Karl, assignor to Daystrom Corporation, Olean, N. Y. Smoking stand. 110,464; July 12.
- Kipp, Karl, assignor to Daystrom Corporation, Olean, N. Y. Stool. 111,608; Oct. 4.
- Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Company, as trustee, Cleveland, Ohio. Washing machine agitator. 112,658; Dec. 20.
- Kirk, Claude R., River Forest, Ill. Platform scale. 108,239; Feb. 1.
- Kirk, Claude R., River Forest, Ill. Amusement game cabinet. 109,328; Apr. 19.
- Kirk, Claude R., River Forest, Ill. Platform scale. 110,393; July 5.
- Kirk, Lloyd H., Cranston, and C. Plouffe, assignors to Martin-Copeland Company, Providence, R. I. Pair of spectacles or similar articles. 110,029; June 7.
- Kirkby, Raymond J., Hinsdale, R. G. Gracey, Oak Park, and R. E. Schumm and G. E. Hansen, assignors to Crane Co., Chicago, Ill. Shallow well pump. 109,558; May 3.
- Kirschner, Jack, New York, N. Y. Dress ensemble. 107,841; Jan. 4.
- Kirsten, Kurt F. J., Seattle, Wash. Tobacco pipe. 112,701; Dec. 27.
- Kirsten, Kurt F. J., Seattle, Wash. Cigarette holder. 112,702; Dec. 27.
- Kisling, William L., St. Louis, Mo. Combined circulator fan and table. 107,777; Jan. 4.
- Kisling, William L., St. Louis, Mo. Safety floor circulator. 109,012; Mar. 22.
- Kittle Manufacturing Co. (See Frey, Elmer E., assignor.)
- Klaiber, Edward C., Memphis, Tenn., assignor to Wabash Screen Door Company, Chicago, Ill. Screen door. 110,004; June 7.
- Klatt, Rudolph A., Tonawanda, assignor to Auto-Wheel Coaster Company, Inc., North Tonawanda, N. Y. Juvenile car. 109,988; June 7.
- Klecka, John J., assignor to J. R. Wood & Sons, Inc., Brooklyn, N. Y. Finger ring. 107,874; Jan. 11.
- Klecka, John J., assignor to J. R. Wood & Sons, Inc., Brooklyn, N. Y. Finger ring. 111,975; Nov. 1.
- Klein, Arthur S., et al. (See Hafler, Lizzie, assignor.)
- Klein, Gisele, New York, N. Y. Dress. 112,316; Nov. 22.
- Klein, Samuel C., St. Louis, Mo. Coat. 111,707; Oct. 11.
- Klein, Samuel C., St. Louis, Mo. Coat. 111,810; Oct. 18.
- Klein, Samuel C., St. Louis, Mo. Dress. 111,837; Oct. 18.
- Klein, Samuel C., St. Louis, Mo. Dress. 112,021; Nov. 1.
- Klein, Samuel C., St. Louis, Mo. Dress. 112,022; Nov. 1.
- Klein, Samuel C., St. Louis, Mo. Coat. 112,554; Dec. 13.
- Kleinwachter, Paul M., Chicago, Ill. Display case. 112,149; Nov. 15.
- Klepper, Ely, New York, N. Y. Coat. 112,117; Nov. 8.
- Kletsky, Julius, Springfield, Mass. Seat cover or the like. 112,450; Dec. 6.
- Klety, Adolphe, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 108,124; Jan. 25.
- Kline, Lilyan, New York, N. Y. Dress ensemble. 108,674; Mar. 1.
- Klotz, Francois, Asnieres, France, assignor to Pinaud Incorporated, New York, N. Y. Bottle. 109,846; May 24.
- Klotz, Francois, Asnieres, France, assignor to Pinaud Incorporated, New York, N. Y. Bottle. 110,147; June 21.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Sadorion or similar article. 111,046; Aug. 23.
- Knapp, Leo J., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Stair tread. 110,812; Aug. 9.
- Knapp-Monarch Company. (See Chapman, David, assignor.)
- Knapp-Monarch Company. (See Fischer, William H., assignor.)
- Knapp-Monarch Company. (See Huffman, Russell I., assignor.)
- Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
- Knapp-Monarch Company. (See Smith, Howard A., assignor.)
- Knapp, Raymond, Long Island City, N. Y. Dry shaver. 108,015; Jan. 18.
- Kneisley, Richard F., and R. E. Wolfe, assignors to The American Floor Surfacing Machine Company, Toledo, Ohio. Machine for surfacing and polishing floors. 110,394; July 5.
- Knipple, Gordon W., Chicago, Ill., and N. L. Mercer, Marengo, Iowa. Package dispenser. 110,304; June 28.
- Knipple, Gordon W., Chicago, Ill., and N. L. Mercer, Marengo, Iowa. Package dispenser. 110,967; Aug. 23.
- Knopp, Julius W., Toledo, Ohio. Stringed musical instrument. 110,706; Aug. 2.
- Knox, Clifford, and A. M. Dickie, Ontario, Calif., assignors to General Electric Company. Electric heater. 111,000; Aug. 23.
- Knox Glass Associates, Inc. (See Deible, Clarence R., assignor.)
- Knudstrup, Aksel J. C. (See Robinson, H. R., and Knudstrup.)
- Koch, Augustus J., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 110,359; July 5.
- Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Electric fan. 108,142; Jan. 25.
- Koch, Henry P., Philadelphia, Pa., assignor to Northampton Textile Company, Mount Holly, N. J. Textile fabric. 108,240; Feb. 1.
- Koch, Louis A., Jr. (See Bade, Francis A., assignor.)
- Koch, Louis A., Jr., Louisville, Ky. Jeweled reflector. 107,778; Jan. 4.
- Koch, Louis A., Jr., Louisville, Ky. Automobile bumper extension. 111,785; Oct. 18.
- Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 111,976; Nov. 1.
- Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 111,977; Nov. 1.
- Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 111,978; Nov. 1.
- Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 111,979; Nov. 1.
- Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 111,980; Nov. 1.
- Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 112,370; Nov. 29.
- Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 112,480; Dec. 6.
- Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 112,481; Dec. 6.
- Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 112,482; Dec. 6.
- Koch, Lydia B., New York, N. Y. Paper bottle or similar container. 110,705; Aug. 2.
- Koch, Lynn J. (See Reinhard, J. B., and Koch.)
- Koch, Roderic M., Evansville, Ind. Flower basket. 108,625; Mar. 1.
- Koerber, Theodore H. (See Scarratt, A. W., and Koerber.)
- Koelling, Harry F., Park Ridge, Ill., assignor of one-half to R. C. Feaster. Parkway sign. 109,408; Apr. 26.
- Koepnick, Louis R. (See Wilson, R. C., and Koepnick.)
- Koerschgen, Walter, Greenwich, Conn. Geometric puzzle. 108,659; Mar. 1.
- Koger, Glenn, Bridgeport, Conn., assignor to General Electric Company. Electric cable. 111,981; Nov. 1.
- Koh-I-Noor Pencil Factory L. & C. Hardtmuth, Inc. (See Welanetz, Ludolph P., assignor.)
- Kohl, William R., Cumberland, assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 108,449; Feb. 13.
- Kohl, William R., New York, N. Y., assignor to Carr-Lowry Glass Co., Baltimore, Md. Bottle. 112,462; Dec. 6.
- Kohn, Rudolf V., Cedarhurst, N. Y. Clock. 109,847; May 24.
- Kolseth, John H., assignor to Atlas Supply Company, Newark, N. J. Combined dial and panel for battery testers. 107,875; Jan. 11.
- Komenak, Albert J., assignor to The Excelsior Hardware Company, Stamford, Conn. Closure fastener. 111,323; Sept. 20.
- Kominz, Morris, Rochester, N. Y. Bracket thermometer or the like. 109,717; May 17.
- Kopp Glass, Incorporated. (See Huot, Constant J., assignor.)
- Koppel, Alfons. (See Wichmann, W., and Koppel.)
- Korengold, John A., Chicago, Ill. Cautery unit. 112,435; Dec. 6.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,693; Mar. 8.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,699; Mar. 8.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,700; Mar. 8.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,748; Mar. 8.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,787; Mar. 15.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Tumbler or similar article. 108,788; Mar. 15.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Plate or similar article. 108,789; Mar. 15.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,790; Mar. 15.



- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,949; Mar. 22.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,950; Mar. 22.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,951; Mar. 22.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,952; Mar. 22.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,953; Mar. 22.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,954; Mar. 22.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,955; Mar. 22.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 108,956; Mar. 22.
- Kostellow, Rowena R., assignor to United States Glass Company, Pittsburgh, Pa. Decanter or similar article. 109,221; Apr. 12.
- Kostellow, Rowena R., assignor to United States Glass Company, Pittsburgh, Pa. Vase or similar article. 109,483; May 3.
- Kostellow, Rowena R., assignor to United States Glass Company, Pittsburgh, Pa. Jug or similar article. 109,484; May 3.
- Kostellow, Rowena R., assignor to United States Glass Company, Pittsburgh, Pa. Water pitcher or similar article. 109,485; May 3.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 109,486; May 3.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 109,487; May 3.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 109,530; May 3.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 109,662; May 10.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 109,989; June 7.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 110,112; June 14.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Decanter or similar article. 110,672; June 26.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Goblet or similar article. 110,723; Aug. 2.
- Kostellow, Rowena R., assignor to United States Glass Company, Pittsburgh, Pa. Candle holder or similar article. 111,634; Oct. 4.
- Kostellow, Rowena R., assignor to United States Glass Company, Pittsburgh, Pa. Water jug or similar article. 112,043; Nov. 8.
- Kostellow, Rowena R., assignor to United States Glass Company, Pittsburgh, Pa. Compote bowl or similar article. 112,199; Nov. 15.
- Kostellow, Rowena R., assignor to United States Glass Co., Pittsburgh, Pa. Plate or similar article. 112,451; Dec. 6.
- Kotterman, Chester A., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Portable power conversion unit. 109,065; Mar. 29.
- Kotterman, Chester A., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Portable electric rectifying device. 109,066; Mar. 29.
- Kotzin, Adolph A., Chicago, Ill. Shoe. 108,496; Feb. 15.
- Koudelka, Emil, New York, N. Y. Photographic mount. 112,371; Nov. 29.
- Kovacs, Samuel S., Chicago, Ill. Can or similar container. 110,868; Aug. 16.
- Kovacs, Samuel S., Chicago, Ill. Box or similar container. 110,869; Aug. 16.
- Kozlinski, John T. (See Underwood, Chester R., assignor.)
- Kraemer, William D., Maywood, Calif. Bathtub. 110,960; Aug. 16.
- Kramer, Andrew A. (See Gill, Edward H., assignor.)
- Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Chair back or similar article. 111,324; Sept. 20.
- Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 108,701; Mar. 15.
- Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 109,142; Apr. 5.
- Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 109,516; May 3.
- Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Wreath. 110,465; July 12.
- Krapf, George. (See Krapf, John and G.)
- Krapf, John and G., Milwaukee, Wis. Humidifier container. 112,286; Nov. 22.
- Kratman, Evelyn, Chicago, Ill. Base for picture frames or the like. 112,744; Dec. 27.
- Kratz, Oscar E., assignor to H. D. Lee Mercantile Company, Kansas City, Mo. Suspender loop. 111,854; Oct. 25.
- Kraus, Walter S., New York, N. Y. Deflector for infant's toilet seat. 110,120; June 14.
- Krehbiel, Edwin P., Hinsdale, Ill. Flowerpot or analogous article. 110,286; June 28.
- Kreissler, Gottlieb J., Sedalia, Mo. Broom. 108,978; Mar. 22.
- Kreutzer, Frederick J., assignor to James Manufacturing Company, Fort Atkinson, Wis. Roof ventilator. 111,516; Sept. 27.
- Kronenfeld, Samuel, Brooklyn, N. Y. Dress. 109,375; Apr. 19.
- Kronenfeld, Samuel, Brooklyn, N. Y. Dress. 109,488; May 3.
- Kronman, Ruth, assignor to Gross-Sydney Inc., New York, N. Y. Dress. 107,828; Jan. 4.
- Kronman, Ruth, assignor to Gross-Sydney Inc., New York, N. Y. Dress. 107,846; Jan. 4.
- Kronman, Ruth, assignor to Gross-Sydney Inc., New York, N. Y. Dress. 110,524; July 12.
- Kronstadt, Max, Brooklyn, N. Y. Ring or similar article. 111,325; Sept. 20.
- Kropp, Willis A., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Combined hose tower and cabinet for automobile service stations or the like. 107,959; Jan. 18.
- Kropp, Willis A., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Combined hose tower and cabinet for automobile service stations or the like. 107,960; Jan. 18.
- Kropp, Willis A., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Combined hose tower and cabinet for automobile service stations or the like. 107,961; Jan. 18.
- Kropp, Willis A., Oak Park, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 108,812; May 24.
- Kruck, Ralph E., Springfield, assignor to Florence Stove Company, Gardner, Mass. Stove. 108,241; Feb. 1.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Electric fan. 109,143; Apr. 5.
- Kruck, Ralph E., Springfield, assignor to Florence Stove Company, Gardner, Mass. Stove. 109,354; Apr. 19.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Electric fan. 109,663; May 10.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Vacuum cleaner casing. 109,892; May 31.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Vacuum cleaner casing. 109,893; May 31.
- Kruck, Ralph E., Springfield, assignor to Florence Stove Company, Gardner, Mass. Combined back guard panel and support for timer, lamp, and condiment set for stoves. 112,530; Dec. 13.
- Krueger, Archie S. (See Broeren, F. L., Hoffmaster, and Krueger.)
- Krueger, Arthur W., Chicago, assignor to S. Zidek, Riverside, Ill. Lamp. 109,222; Apr. 12.
- Krueger, Arthur W., Chicago, assignor to S. Zidek, Riverside, Ill. Lamp. 109,223; Apr. 12.
- Krueger, Arthur W., Chicago, assignor to S. Zidek, Riverside, Ill. Combination lamp and game device. 109,517; May 3.
- Krueger Beverage Company. (See D'Addario, Salvatore, assignor.)
- Kueffer, E. H. (See Trautner, Wagn, assignor.)
- Kuehn, Louis, assignor to Milcor Steel Company, Milwaukee, Wis. Ribbed metal eaves trough. 109,144; Apr. 5.
- Kuhn, Fred F., Reno, Nev. Stone mounting. 111,656; Oct. 11.
- Kulik, Annette L., Chicago, Ill. Dress. 109,185; Apr. 5.
- Kumauchl, James I., New York, N. Y. Combined book and newspaper holder. 108,595; Feb. 22.
- Kupper, Herman C., New York, N. Y. Cup or analogous article. 110,901; Aug. 16.
- Kurdistan Rug Corporation. (See Sudell, Frank, assignor.)
- Kurtz, Henry F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Contour measuring projector. 111,708; Oct. 11.
- Kushner, Charles, New York, N. Y. Perfume stand. 111,982; Nov. 1.
- Kushner, Herman, New York, N. Y. Dress. 110,525; July 12.
- Kushner, Jacob J., New York, N. Y. Dress. 108,265; Feb. 1.
- Kushner, Jacob J., New York, N. Y. Cape. 108,731; Mar. 8.
- Kushner, Jacob J., New York, N. Y. Coat. 108,732; Mar. 8.
- Kushner, Jacob J., New York, N. Y. Cape. 108,733; Mar. 8.
- Kushner, Jacob J., New York, N. Y. Coat. 109,277; Apr. 12.



- Kushner, Jacob J., New York, N. Y. Dress. 110,094; June 14.
- Kushner, Jacob J., New York, N. Y. Dress. 110,217; June 21.
- Kushner, Jacob J., New York, N. Y. Dress. 111,307; Sept. 13.
- Kushner, Jacob J., New York, N. Y. Dress. 111,308; Sept. 13.
- Kushner, Jacob J., New York, N. Y. Dress. 111,543; Sept. 27.
- Kuznetz, Samuel, Brooklyn, N. Y. Dress ensemble. 111,635; Oct. 4.
- Kuznetz, Samuel, Brooklyn, N. Y. Dress ensemble. 111,636; Oct. 4.
- Labisky, Arthur H., assignor to The Barton Corporation, West Bend, Wis. Washing machine base. 108,395; Feb. 8.
- Lachter, Saul L., Maplewood, N. J. Spectacle case. 112,073; Nov. 8.
- Lacy, Herman E., Chicago, Ill. Display stand. 109,489; May 3.
- La Follette, Philip F., Madison, Wis. Badge or similar article. 110,418; July 5.
- La Giusa, Rose, New York, N. Y. Dress. 109,937; May 31.
- La Giusa, Rose, New York, N. Y. Dress. 110,095; June 14.
- Laguzzi, Mario, assignor to International Corset Company, Aurora, Ill. Combination corset and brassiere. 108,514; Feb. 15.
- Laird, Lou D., Columbus, Ohio. Dental plate brush or similar article. 110,570; July 19.
- La Lumière, Ernest J. B., Providence, R. I. Building. 110,466; July 12.
- Lampel, Ida, New York, N. Y. Dress ensemble. 107,908; Jan. 11.
- Lampel, Ida, New York, N. Y. Dress. 108,053; Jan. 18.
- Lampel, Ida, New York, N. Y. Dress. 109,091; Mar. 29.
- Lampel, Ida, New York, N. Y. Dress. 109,101; Mar. 29.
- Lamport, Herbert W., assignor to J. C. Morris and J. I. Silvers, Chicago, Ill. Combination clock and calendar. 110,489; July 12.
- Landau, Sam, New York, N. Y. Slip. 111,286; Sept. 13.
- Lang, Franz, Astoria, Long Island, N. Y. Ashtray. 112,641; Dec. 20.
- Langbert, Harry, New York, N. Y. Dress. 111,477; Sept. 20.
- Lange, Morris, Cleveland Heights, Ohio. Draped partition. 107,779; Jan. 4.
- Lange, Morris, Cleveland Heights, Ohio. Mortuary stage or similar article. 108,958; Mar. 22.
- Langel, Adrien L., Chicago, Ill., assignor to Chicago Metallic Manufacturing Company. Cover for a cooking vessel or similar article. 111,078; Aug. 30.
- Langen, Ann M. (See Biondo, S., and Langen.)
- L'Anglais, Pascal, New York, assignor to Oneida Ltd., Oneida, N. Y. Dish or similar article. 111,077; Aug. 30.
- Langos, Alfred F., et al. (See Langos, Otto A., assignor.)
- Langos, Harold L., et al. (See Langos, Otto A., assignor.)
- Langos, Matilda R., et al. (See Langos, Otto A., assignor.)
- Langos, Otto A., assignor to A. F., H. L., and M. R. Langos, Chicago, Ill., doing business as Langson Manufacturing Company. Paper burster toy. 110,750; Aug. 2.
- Langson Manufacturing Company. (See Langos, Otto A., assignor.)
- Lankenau, John R., Brighton, Mass. Diaper. 111,287; Sept. 13.
- Lankenau, John R., Brighton, Mass. Diaper. 111,288; Sept. 13.
- Lanz, Josef, Salzburg, Austria, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 107,962; Jan. 18.
- Lanz, Josef, Salzburg, Austria, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 108,101; Jan. 25.
- La Pree Undergarment Co. (See Imerman, Arthur, assignor.)
- Lapin-Kurley Kew, Inc. (See Ehrlich, Rose, assignor.)
- La Placa, Ann, Corona, Long Island, N. Y. Dress ensemble. 108,999; Mar. 22.
- Larson, Karl R., Minneapolis, Minn. Fish lure body. 112,681; Dec. 27.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle bracket for a casket or analogous article. 108,819; Mar. 15.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner ornament for a casket or analogous article. 108,912; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 108,913; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 108,914; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner plate for a casket or analogous article. 108,915; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 108,916; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner plate for a casket or analogous article. 108,917; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 108,918; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner plate for a casket or analogous article. 108,919; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Ornamental plate for a casket or analogous article. 108,959; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner ornament for a casket or analogous article. 108,960; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner ornament for a casket or analogous article. 108,979; Mar. 22.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner plate for a casket or analogous article. 111,786; Oct. 18.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 111,787; Oct. 18.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner plate for a casket or analogous article. 111,788; Oct. 18.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 111,789; Oct. 18.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Corner plate for a casket or analogous article. 111,790; Oct. 18.
- Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle for a casket or analogous article. 111,791; Oct. 18.
- La Rue, Willis E., Indianapolis, Ind. Combined screw driver and wrench. 111,907; Oct. 25.
- Lasater, Robert L., Evanston, Ill. Rubber toothbrush. 111,609; Oct. 4.
- Latham, J. W., et al. (See Williams, Josh F., assignor.)
- Lathrop, Harvey, Forest Hills, N. Y. Box for cigarettes, playing cards, and the like. 108,016; Jan. 18.
- Laubenstein, George, Madison, assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 109,145; Apr. 5.
- Lauterbur, Edward J., assignor to Peerless Bread Machinery Corporation, Sidney, Ohio. Dough mixer. 109,615; May 10.
- Lavalley, Eugene V., assignor to Penn Electric Switch Co., Des Moines, Iowa. Gas valve or similar control structure. 108,450; Feb. 15.
- Lavalley, Eugene V., assignor to Penn Electric Switch Co., Goshen, Ind. Housing for air compressor switches or the like. 108,646; Mar. 1.
- Lavalley, Eugene V., assignor to Penn Electric Switch Co., Goshen, Ind. Water valve. 108,820; Mar. 15.
- Lavalley, Eugene V., Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Electrical switch or the like. 111,047; Aug. 23.
- Lavalley, Eugene V., Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Water valve or similar article. 111,349; Sept. 20.
- Laven, Max. (See Finn, H. M., and Laven.)
- Lawlor, S. C., Company. (See Boller, Arthur P., assignor.)
- Lawrence, Benjamin E., assignor to The Chronmaster Electric Corporation, Chicago, Ill. Electric razor. 109,409; Apr. 26.
- Lawrence, Marie, New York, N. Y. Dress. 111,637; Oct. 4.
- Lawrence, Marie, New York, N. Y. Dress. 112,029; Nov. 1.
- Lawrence, Marie, New York, N. Y. Dress. 112,030; Nov. 1.
- Lawrence, Marie, New York, N. Y. Dress. 112,317; Nov. 22.
- Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 109,436; Apr. 26.
- Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 109,437; Apr. 26.
- Laye, Florence, New York, N. Y. Dress. 109,376; Apr. 19.
- Laye, Florence, New York, N. Y. Dress. 111,263; Sept. 13.
- Laye, Florence, New York, N. Y. Dress. 111,264; Sept. 13.
- Lazare, Louis, New York, N. Y. Textile fabric. 109,968; May 31.
- Lazare, Louis, New York, N. Y. Textile fabric. 111,838; Oct. 18.
- Lazarski, Leon, Akron, Ohio. Christmass tree stand. 109,146; Apr. 5.
- Lazow, Morris, Brooklyn, N. Y. Combined frozen confection and handle. 108,546; Feb. 22.
- Lazow, Morris, Brooklyn, N. Y. Combined frozen confection and handle. 110,148; June 21.
- Lea, Chester W., Fairbury, Nebr. Display stand. 109,531; May 3.
- Leavenworth, Ralph W., Shaker Heights, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Advertising figure. 110,096; June 14.
- Le Boeuf, George H., Hammond, Ind. Automobile. 110,395; July 5.



- Le Clercq, Raymond, assignor to Western Molded Products, Inc., Los Angeles, Calif. Battery box. 111,202; Sept. 6.
- Le Clercq, Raymond, assignor to Western Molded Products, Inc., Los Angeles, Calif. Battery box. 111,203; Sept. 6.
- Lee, Clifford C., Aberdeen, S. Dak. Arc welder. 111,208; Sept. 13.
- Lee, H. D., Mercantile Company. (See Kratz, Oscar B., assignor.)
- Leff, Morris, Brooklyn, N. Y. Embroidered fabric. 109,559; May 3.
- Leff, Morris, Brooklyn, N. Y. Embroidered fabric. 109,560; May 3.
- Lefrak, Benjamin, New York, N. Y. Coat. 111,474; Sept. 20.
- Le Frois, Clarence P. (See Fuller, F. B., Adams, and Le Frois.)
- Lehman, Herman B., New York, N. Y. Textile fabric. 110,181; June 21.
- Leiber, Allen, Chicago, Ill. Statuette. 108,792; Mar. 15.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 109,490; May 3.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 109,491; May 3.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 109,492; May 3.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 109,493; May 3.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 109,494; May 3.
- Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 109,494; May 3.
- Leisen, Frederic A., Detroit, assignor to Oak Screw Products Company, Hillsdale, Mich. Illuminable hand mirror. 110,656; July 26.
- Leisen, Frederic A., Detroit, assignor to Oak Screw Products Company, Hillsdale, Mich. Illuminable hand mirror. 110,968; Aug. 23.
- Leisen, Frederic A., Detroit, assignor to Oak Screw Products Company, Hillsdale, Mich. Illuminable hand mirror. 110,969; Aug. 23.
- Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel or the like. 108,574; Feb. 22.
- Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel or the like. 109,247; Apr. 12.
- Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel or the like. 109,248; Apr. 12.
- Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel or the like. 109,249; Apr. 12.
- Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel, or the like. 110,617; July 26.
- Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel or the like. 111,266; Sept. 13.
- Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel, or the like. 111,517; Sept. 27.
- Leitch, Walter C. (See Grimmelsen, H. O., Leitch, and De Lancey.)
- Lelong, Lucien, Inc. (See Buckingham, John D., assignor.)
- Lelong, Lucien, Inc. (See Lelong, Lucien, assignor.)
- Lelong, Lucien, Inc. (See Stein, Joseph S., assignor.)
- Lelong, Lucien, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Stand for perfume bottles. 111,518; Sept. 27.
- Lemm, Bonnie E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 111,983; Nov. 1.
- Lemm, Bonnie E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. 112,200; Nov. 15.
- Le Moine, Wells F. (See Grant, G. A., and Le Moine.)
- Lentheric Incorporated. (See McIntosh, Frank, assignor.)
- Lentini, Helen, New York, N. Y. Dress. 112,483; Dec. 6.
- Lentini, Helen, New York, N. Y. Dress. 112,659; Dec. 20.
- Lerner, Herman B., Newark, N. J., assignor, by mesne assignments, to J. H. B. and I. S. Lerner, doing business as Hygienic Tube & Container Company. Moistening device or similar article. 111,908; Oct. 25.
- Lerner, Irving S., et al. (See Lerner, Herman B., assignor.)
- Lerner, Joseph, et al. (See Lerner, Herman B., assignor.)
- Lessing, Arthur H., New York, N. Y. Shoe. 107,963; Jan. 18.
- Leto, Frank, New York, N. Y. Coat. 110,925; Aug. 13.
- Leto, Frank, New York, N. Y. Coat. 110,970; Aug. 23.
- Leuschen, Fred R., assignor to Cherokee Citrus Co. Inc., Highland, Calif. Fruit box. 109,224; Apr. 12.
- Leventhal, Jack, Laurelton, Long Island, N. Y., assignor to Crompton Company, West Warwick, R. I. Corduroy fabric. 110,767; Aug. 2.
- Leventhal, Jack, Laurelton, Long Island, N. Y., assignor to Crompton Company, West Warwick, R. I. Corduroy fabric. 110,781; Aug. 2.
- Levin, Benjamin E., Lynn, and R. A. Winchenbaugh, Hyde Park, Boston, Mass. Display booth or similar article. 111,048; Aug. 23.
- Levin, David, New York, N. Y. Shoe. 107,876; Jan. 11.
- Levin, David, New York, N. Y. Shoe. 109,225; Apr. 12.
- Levin, David, New York, N. Y. Shoe. 109,869; May 31.
- Levin, David, New York, N. Y. Shoe. 109,870; May 31.
- Levin, David, New York, N. Y. Shoe. 109,871; May 31.
- Levin, David, New York, N. Y. Shoe. 109,872; May 31.
- Levin, David, New York, N. Y. Shoe. 109,873; May 31.
- Levin, David, New York, N. Y. Shoe. 109,874; May 31.
- Levin, David, New York, N. Y. Shoe. 110,183; June 21.
- Levin, David, New York, N. Y. Shoe. 110,249; June 28.
- Levin, David, New York, N. Y. Shoe. 110,250; June 28.
- Levin, David, New York, N. Y. Shoe. 110,251; June 28.
- Levin, David, New York, N. Y. Shoe. 110,431; July 12.
- Levin, David, New York, N. Y. Shoe. 110,724; Aug. 2.
- Levin, David, New York, N. Y. Shoe. 111,118; Aug. 30.
- Levin, David, New York, N. Y. Shoe. 112,074; Nov. 8.
- Levin, David, New York, N. Y. Shoe or similar article. 112,075; Nov. 8.
- Levin, David, New York, N. Y. Shoe. 112,076; Nov. 8.
- Levin, David, New York, N. Y. Shoe or similar article. 112,077; Nov. 8.
- Levin, David, New York, N. Y. Shoe. 112,258; Nov. 22.
- Levin, David, New York, N. Y. Shoe or similar article. 112,305; Nov. 22.
- Levin, David, New York, N. Y. Shoe or similar article. 112,306; Nov. 22.
- Levin, David, New York, N. Y. Shoe or similar article. 112,307; Nov. 22.
- Levin, David, New York, N. Y. Shoe. 112,308; Nov. 22.
- Levin, David, assignor to Avon Shoe Company, New York, N. Y. Shoe. 110,069; June 14.
- Levin, David, assignor to Avon Shoe Co., New York, N. Y. Shoe. 110,182; June 21.
- Levin, David E., New York, N. Y. Shoe or similar article. 108,480; Feb. 15.
- Lewine, Alfred D., Newton, Mass. Shoe. 108,333; Feb. 8.
- Lewine, Alfred D., Newton, Mass. Shoe. 112,608; Dec. 20.
- Lewine, Charles, New York, N. Y. Sweater. 108,288; Feb. 1.
- Lewine, Charles, New York, N. Y. Sweater. 108,289; Feb. 1.
- Lewine, Charles, New York, N. Y. Sweater. 108,290; Feb. 1.
- Lewine, Charles, New York, N. Y. Sweater. 108,291; Feb. 1.
- Lewine, Isaac E., et al. (See Wein, Rae, assignor.)
- Lewine, Joseph H., et al. (See Wein, Rae, assignor.)
- Lewine, Lewis, & Sons. (See Wein, Rae, assignor.)
- Lewine, Louis, Leominster, Mass. Umbrella rib tip. 111,811; Oct. 18.
- Lewine, Louis, Leominster, Mass. Ferrule for umbrellas or the like. 112,174; Nov. 15.
- Lewine, Michael M., New York, N. Y. Dress. 112,501; Dec. 6.
- Lewine, Michael M., New York, N. Y. Dress. 112,660; Dec. 20.
- Lewine, Michael M., New York, N. Y. Dress. 112,713; Dec. 27.
- Lewine, Sam, New York, N. Y. Sweater ensemble. 110,121; June 14.
- Lewine, Sam, New York, N. Y. Sweater. 111,309; Sept. 13.
- Levitt, Mortimer, New York, N. Y. Store front. 108,383; Feb. 8.
- Levy, Albert A., et al. (See Blva, Lucien, assignor.)
- Levy, Albert A., et al., executors. (See Blva, Lucien.)
- Levy, Albert E., New York, N. Y. Dress. 108,292; Feb. 1.
- Levy, Albert E., New York, N. Y. Dress. 112,318; Nov. 22.
- Levy, Albert E., New York, N. Y. Dress. 112,319; Nov. 22.
- Levy, Albert E., New York, N. Y. Dress. 112,320; Nov. 22.
- Levy, Albert E., New York, N. Y. Dress. 112,308; Nov. 29.
- Levy, Albert E., New York, N. Y. Dress. 112,309; Nov. 29.
- Levy, David, New York, N. Y. Slip or similar article. 108,181; Jan. 25.
- Levy, David, New York, N. Y. Slip or similar article. 108,214; Feb. 1.
- Levy, David, New York, N. Y. Slip or similar article. 108,215; Feb. 1.
- Levy, Joseph, Brooklyn, N. Y. Combined supporting tray and powder puff display. 111,709; Oct. 11.
- Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Adjustable ceiling lighting fixture or similar article. 107,877; Jan. 11.
- Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Adjustable ceiling lighting fixture or similar article. 107,878; Jan. 11.
- Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Lighting fixture lens or the like article. 110,972; Aug. 23.



- Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Lighting fixture lens or the like article. 112,463; Dec. 6.
- Levy, Joseph G., assignor to L. Newman, New York, N. Y. Woven textile fabric. 108,412; Feb. 8.
- Levy, Joseph G., assignor to L. Newman, New York, N. Y. Woven textile fabric. 108,660; Mar. 1.
- Levy, Sidney, New York, N. Y. Blouse. 108,182; Jan. 25.
- Levy, Sol J., New York, assignor to M. Cohn, Long Island City, N. Y., as receiver of Police Radio Corporation. Case for radio receiving or transmitting apparatus. 112,287; Nov. 22.
- Lewin, Arthur, New York, N. Y. Wrapping paper. 112,118; Nov. 8.
- Lewis, David, New York, N. Y. Stocking tube. 112,661; Dec. 20.
- Lewis, Florence M., New York, N. Y. Handbag. 110,618; July 26.
- Lewis, Florence N., New York, N. Y. Handbag. 109,193; Apr. 5.
- Lewis, Florence N., New York, N. Y. Handbag. 110,045; June 7.
- Lewis, Florence N., New York, N. Y. Face massager or the like. 110,252; June 28.
- Lewis, Florence N., New York, N. Y. Handbag. 110,490; July 12.
- Lewis, Florence N., New York, N. Y. Handbag. 110,491; July 12.
- Lewis, Florence N., New York, N. Y. Rouge container. 110,813; Aug. 9.
- Lewis, Florence N., New York, N. Y. Combination compact and cigarette case. 110,814; Aug. 9.
- Lewis, Florence N., New York, N. Y. Beach bag. 111,079; Aug. 30.
- Lewis, Florence N., New York, N. Y. Handbag. 111,710; Oct. 11.
- Lewis, Florence N., New York, N. Y. Handbag. 112,436; Dec. 6.
- Lewis, Florence N., New York, N. Y. Handbag. 112,437; Dec. 6.
- Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Shaving bowl. 110,586; July 19.
- Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Bottle. 110,870; Aug. 16.
- Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Combined bottle and base therefor. 110,871; Aug. 16.
- Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Talcum powder container. 110,872; Aug. 16.
- Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Cake of soap. 110,971; Aug. 23.
- Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Artificial flower boutonniere. 111,773; Oct. 18.
- Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Bottle. 112,464; Dec. 6.
- Lewis, Florence N., assignor to Elizabeth Arden, Inc., New York, N. Y. Jar. 112,642; Dec. 20.
- Lewis, Gus, New York, N. Y. Dress. 109,787; May 17.
- Lewis, James V., Kansas City, Mo. Shoe skate clog. 112,078; Nov. 8.
- Leydenfrost, Alexander. (See Marshburn, P. W., and Leydenfrost.)
- Libbey Glass Company. (See Fuerst, Brooks D., assignor.)
- Libbey Glass Company. (See Fuerst, Edwin W., assignor.)
- Libbey Glass Company. (See Hansen, Melvin O., assignor.)
- Libbey Glass Company. (See Moll, Norman, assignor.)
- Libbey Glass Company. (See Viator, Jean, assignor.)
- Libbey-Owens-Ford Glass Company. (See Lowry, Clyde D., assignor.)
- Liberty Lace and Netting Works. (See Worrall, John H., assignor.)
- Lieber, Betty D. (See di Nardo, A., and Lieber.)
- Lieberman, Ralph, New York, N. Y. Coat. 109,329; Apr. 19.
- Lieberman, Ralph, New York, N. Y. Coat. 109,330; Apr. 19.
- Lightfoot, John B., Seymour, Conn., and L. A. Trevisan, Bloomfield, N. J., assignors to American Can Company, New York, N. Y. Lunch box or analogous article. 109,938; May 31.
- Lilienthal, Harry, New York, N. Y. Bottle. 110,030; June 7.
- Lincoln, Alden A., assignor to The Acme Shear Company, Bridgeport, Conn. Shears. 111,027; Aug. 23.
- Lincoln Engineering Company. (See Barks, Frank S., assignor.)
- Lincoln Engineering Company. (See Fox, Alexander P., assignor.)
- Lincoln Engineering Company. (See McCoy, Ross K., assignor.)
- Lincoln-Schlueter Floor Machinery Company. (See Backlund, John A., assignor.)
- Lindberg, John F., Chicago, Ill. Parking meter casing or similar article. 112,079; Nov. 8.
- Lindenberger, Henry, Chicago, Ill., assignor to U. S. Reduction Co., East Chicago, Ind. Aluminum alloy ingot or the like. 108,575; Feb. 22.
- Lintern Corporation, The. (See Lintern, William A., assignor.)
- Lintern, William A., assignor to The Lintern Corporation, Cleveland, Ohio. Illuminated sign. 107,780; Jan. 4.
- Li-On Bedding Company. (See Marsack, Max, assignor.)
- Lion Manufacturing Corporation. (See Reinecke, Jean O., assignor.)
- Lipic, Joseph G., Jr., St. Louis, Mo. Comb. 109,067; Mar. 29.
- Lipp, Frank, Brooklyn, N. Y. Heel for a shoe. 110,122; June 14.
- Lipp, William, New York, N. Y. Stripping for a shoe. 109,226; Apr. 12.
- Lippert, Irving, Brooklyn, N. Y. Shoe. 108,793; Mar. 15.
- Lippert, Morris, Brooklyn, N. Y. Shoe. 109,020; Mar. 29.
- Lippmann, Robert M., New York, N. Y. Cap. 110,941; Aug. 16.
- Liquid Carbonic Corporation, The. (See De Stefani, Tully, assignor.)
- Lish, Samuel, New York, N. Y. Hat. 112,327; Nov. 22.
- Little, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator. 107,879; Jan. 11.
- Little, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator cap. 108,158; Jan. 25.
- Little, Charles D., Chattanooga, Tenn. Automobile reflector device. 111,544; Sept. 27.
- Little, Earl W., Indianapolis, Ind. Bird cage. 112,609; Dec. 20.
- Little, John M., Toledo, Ohio. Egg beater. 112,531; Dec. 13.
- Little, Kathleen E., Salisbury, N. C. Toy bed. 111,657; Oct. 11.
- Little Tavern Shops, Inc. (See Duncan, Harry F., assignor.)
- Livingston, Adrienne, New York, N. Y. Dress. 111,478; Sept. 20.
- Lloyd, Philip G., Jackson Heights, N. Y., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 108,451; Feb. 15.
- Lloyd, Philip G., Jackson Heights, N. Y., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 109,021; Mar. 29.
- Lobel, Rudolph, New York, N. Y. Handbag. 110,184; June 21.
- Lockwood, Charles F. (See Thomas, H., and Lockwood.)
- Loesch, Edna J., Bloomfield, N. J. Combined bowl and base therefor. 110,902; Aug. 16.
- Loewengard, Louise S., Hoboken, N. J. Beach hat or similar article. 110,926; Aug. 16.
- Loewy, Raymond, New York, assignor to Rotex Manufacturing Co. Inc., Long Island City, N. Y. Hair cutting device or similar article. 108,701; Mar. 8.
- Loewy, Raymond, New York, N. Y., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 110,815; Aug. 9.
- Loewy, Raymond, New York, N. Y., assignor to Sears, Roebuck and Co., Chicago, Ill. Refrigerator cabinet. 112,080; Nov. 8.
- Logan, Dougald, Pawtucket, R. I., assignor to Shaw Paper Box Company. Display box or similar article. 112,259; Nov. 22.
- Logli, Aldo. (See Bernardi, A., Logli, and Zuppli.)
- Lohse, Frederick W., Attleboro, assignor to T. J. Holmes Company, Inc., Chartley, Mass. Bottle. 110,873; Aug. 16.
- Lombard, Ralph S., Detroit, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Pneumatic tire. 108,920; Mar. 22.
- Loneragan Manufacturing Company, The. (See Finley, Harold L., assignor.)
- Loney, Harley C., Company. (See Hatch, P. F., and Hume, assignors.)
- Long, Augustine J., Jr., assignor to The A. Nash Company, Cincinnati, Ohio. Display case or similar article. 108,266; Feb. 1.
- Longines-Wittnauer Co. Inc. The. (See Merz, Maurice, assignor.)
- Lookholder, Alex E., La Grange, Ill. Smoking pipe. 109,756; May 17.
- Loop Auto Parks. (See Baryl, Walter G., assignor.)
- Lo Prete, Salvatore, New York, N. Y. Coat. 109,561; May 3.
- Lo Prete, Salvatore, New York, N. Y. Coat. 109,562; May 3.
- Lo Prete, Salvatore, New York, N. Y. Coat. 109,563; May 3.
- Lo Prete, Salvatore, New York, N. Y. Coat. 109,564; May 3.
- Lo Prete, Salvatore, New York, N. Y. Coat. 109,718; May 17.
- Lo Prete, Salvatore, New York, N. Y. Coat. 110,218; June 21.
- Lo Prete, Salvatore, New York, N. Y. Coat. 110,492; July 12.
- Lorenzen, Arnold I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 109,848; May 24.
- Lorman, Philip, New York, N. Y. Shoe. 112,081.
- Lorr Laboratories, Inc. (See Reynolds, Edwin T., assignor.)
- Los Angeles Soap Company. (See Spielman, George, assignor.)



- Louchheim, Jerome H., Jr., Philadelphia, Pa. Sandal. 109,410; Apr. 26.
- Loughrey, John L., and F. Acton, assignors to Francisco Auto Heater Company, Columbus, Ohio. Motor vehicle heater casing or similar article. 109,147; Apr. 5.
- Lowe, Joe, Corporation. (See West, John W., assignor.)
- Lowen, Stanley, New York, N. Y. Hanger for toilet articles. 112,555; Dec. 13.
- Lowen, Stanley, New York, N. Y. Hanger for toilet articles or the like. 112,588; Dec. 13.
- Lowen, Stanley, New York, N. Y. Hanger for toilet articles or the like. 112,589; Dec. 13.
- Lowenbraun, Harry, Brooklyn, N. Y. Dress. 108,396; Feb. 8.
- Lowenthal, Arthur M., assignor to Max Lowenthal & Sons, Rochester, N. Y. Blouse. 107,909; Jan. 11.
- Lowenthal, Arthur M., assignor to Max Lowenthal & Sons, Rochester, N. Y. Scarf. 112,309; Nov. 22.
- Lowenthal, Max, & Sons. (See Lowenthal, Arthur M., assignor.)
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,432; July 12.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,433; July 12.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,434; July 12.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,435; July 12.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,436; July 12.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,437; July 12.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Awning bar. 110,438; July 12.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,439; July 12.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,440; July 12.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,619; July 26.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,620; July 26.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,621; July 26.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,622; July 26.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 110,623; July 26.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Corner molding strip unit. 110,751; Aug. 2.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Corner molding strip unit. 110,752; Aug. 2.
- Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Corner molding strip unit. 110,753; Aug. 2.
- Ludwig, Louis, Brooklyn, N. Y. Electric multiple table top. 108,836; Mar. 15.
- Ludwig, Louis, Brooklyn, N. Y. Electric lamp stand for dial telephones. 110,816; Aug. 9.
- Ludwig, Louis, Brooklyn, N. Y. Bed lamp. 112,372; Nov. 29.
- Lukenbill, Emery D., Indianapolis, Ind. Brush. 110,185; June 21.
- Lukenbill, Emery D., Indianapolis, Ind. Brush. 110,186; June 21.
- Lukowski, Hermann, New York, N. Y. Egg tester. 109,917; May 31.
- Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric fan. 111,839; Oct. 18.
- Lum, George R., New York, N. Y. and A. L. Moll, Chicago, Ill., said Lum assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Moll assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus cover. 112,119; Nov. 8.
- Lumais, Leslie A., Jr., Bernardsville, N. J., assignor to Parsons Ammonia Company, Inc., New York, N. Y. Bottle. 108,125; Jan. 25.
- Luntz, Dorothy, New York, N. Y. Dress. 108,193; Jan. 25.
- Luntz, Dorothy, New York, N. Y. Dress. 109,593; May 3.
- Lutz, Albert W., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 108,334; Feb. 8.
- Lutz, Albert W., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 112,344; Nov. 29.
- Lux Clock Manufacturing Co., The. (See Lux, Frederick, assignor.)
- Lux, Eugene J., New York, N. Y., assignor to Detroit Lubricator Company, Detroit, Mich. Air valve casing. 108,335; Feb. 8.
- Lux, Frederick, assignor to The Lux Clock Manufacturing Co., Inc., Waterbury, Conn. Clock. 109,227; Apr. 12.
- Lykos, John, Stockdale, and O. H. Beaumont, North Belle Vernon, Pa. Cigarette holder. 108,336; Feb. 8.
- Lynch, Edward S., New York, N. Y. Book end. 112,260; Nov. 22.
- Lyon Metal Products, Incorporated. (See O'Connor, John B., assignor.)
- MacDonald, Almon C., assignor to Pig Peggy Company, Brockton, Mass. Game device. 111,108; Aug. 30.
- MacFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 110,725; Aug. 2.
- MacFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 110,726; Aug. 2.
- MacGregor, Charles G., Lynn, Mass. Rowboat. 112,120; Nov. 8.
- Machanoff, Ben, New York, N. Y. Dress ensemble. 109,764; May 17.
- Machanoff, Ben, New York, N. Y. Dress ensemble. 109,939; May 31.
- Machanoff, Ben, New York, N. Y. Dress. 111,560; Sept. 27.
- Machanoff, Ben, New York, N. Y. Dress. 111,638; Oct. 4.
- Machanoff, Ben, New York, N. Y. Dress. 112,577; Dec. 13.
- Mack Manufacturing Corporation. (See Walker, John.)
- Mackelfresh, William E., Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass. 107,781; Jan. 4.
- Mackelfresh, William E., Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Candle holder. 109,719; May 17.
- MacLaughlin, William W., Jr., San Antonio, Texas. Bulletin board. 111,586; Oct. 4.
- MacMillan, Charles W., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Headlight testing instrument or similar article. 110,727; Aug. 2.
- MacPherson, John E., assignor to The Ontario Knife Company, Franklinville, N. Y. Knife. 112,590; Dec. 13.
- MacQuarrie, Archibald E., Minneapolis, Minn. Bracket for a map or similar article. 108,596; Feb. 22.
- Madan, Edward K., Maplewood, N. J. Sunglasses. 111,494; Sept. 27.
- Madan, Edward K., Maplewood, N. J. Sunglasses. 111,495; Sept. 27.
- Madsen, Peter N., Detroit, Mich. Automobile bumper. 112,201; Nov. 15.
- Madsen, Soren, Bergenfield, N. J. Turnstile. 111,545; Sept. 27.
- Magarian, Masick C., Fresno, Calif. Signal arm. 109,148; Apr. 5.
- Magesis, Abraham, New York, N. Y. Dress. 108,054; Jan. 18.
- Magesis, Abraham, New York, N. Y. Dress. 112,466; Dec. 6.
- Magro Globe Clock, Inc. (See Magro, Ralph, assignor.)
- Magro, Ralph, Jersey City, N. J., assignor to Magro Globe Clock, Inc. Clock. 112,610; Dec. 20.
- Mahadeen, Elik, Jersey City, N. J. Lace medallion. 109,664; May 10.
- Mahlum, Edward K., Fergus Falls, Minn. Combination bathroom unit. 110,643; July 26.
- Maiden Form Brassiere Company. (See Rosenthal, William, assignor.)
- Maidman, Ada, New York, N. Y. Dress. 111,729; Oct. 11.
- Maidman, Ada, New York, N. Y. Dress. 111,730; Oct. 11.
- Maidman, Ada, New York, N. Y. Dress. 112,321; Nov. 22.
- Maier, August R., Dallas, Tex. Rotary well drilling unit. 112,465; Dec. 6.
- Maison Joubert, Inc. (See Kihn, Lawrence J., assignor.)
- Majer, Carl P., Germantown, Philadelphia, Pa., assignor to Northampton Textile Company, Mount Holly, N. J. Textile fabric for upholstery. 111,125; Aug. 30.
- Majewski, Joseph M., Jr., Kansas City, Mo. Combined grave marker and urn. 108,211; Feb. 1.
- Majewski, Joseph M., Jr., Kansas City, Mo. Grave marker. 110,219; June 21.
- Makowsky, Jacques, Paris, France, assignor to Plinaud Incorporated, New York, N. Y. Cover paper or similar article. 111,639; Oct. 4.
- Malik, Kathle. (See Hanna, Horace W., assignor.)
- Maling, Roy, Boston, Mass. Shoe. 108,126; Jan. 25.
- Maling, Roy, West Roxbury, Mass. Shoe. 110,599; July 10.
- Maling, Roy, West Roxbury, Mass. Shoe. 110,600; July 10.
- Mallasse, Emile, Detroit, Mich. Game board. 111,984; Nov. 1.
- Malleable Iron Range Company. (See Burrow, Herbert T., assignor.)
- Mallory, P. R., & Co. (See Kotterman, Chester A., assignor.)
- Manahan, Louis, Los Angeles, Calif. Interchangeable price sign. 108,452; Feb. 15.



- Mandalian, Sahatiel G., North Attleboro, Mass. Shoe eye-let. 108,547; Feb. 22.
- Mandl, Sigmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Wrench member. 108,143; Jan. 25.
- Mandl, Sigmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Wrench or the like. 108,159; Jan. 25.
- Mankki, Onnie, (See Bond, W. H., Jr., and Mankki.)
- Mankki, Onnie, Cleveland Heights, Ohio. Smoking stand. 110,005; June 7.
- Mankki, Onnie, Cleveland Heights, Ohio. Smoking stand. 110,031; June 7.
- Mann, Leo, Providence, R. I. Combined bottle display group and container therefor. 111,546; Sept. 27.
- Manton, James S., Oak Park, Ill. Bicycle. 109,411; Apr. 26.
- Marathon Paper Mills Company. (See Broeren, F. L., and Hope, assignors.)
- Marathon Paper Mills Company. (See Broeren, F. L., Hoffmaster, and Krueger, assignors.)
- Marbello Arterfact Co. (See Buralli, Alfred D., assignor.)
- Marc, Carl, Laurelton, N. Y. Halo. 110,057; June 7.
- Marcell, Carroll K., New York, N. Y. Combined make-up box and mirror. 109,665; May 10.
- Marcell, Carroll K., New York, N. Y. Combined make-up box and mirror. 109,666; May 10.
- Marcell, Carroll K., New York, N. Y. Combined make-up box and mirror. 109,667; May 10.
- Marcell, Carroll K., New York, N. Y. Combined make-up box and mirror. 110,006; June 7.
- Marcell, Carroll K., New York, N. Y. Combined make-up box and mirror. 110,113; June 14.
- Marcus, Max, New York, N. Y. Combined list finder and clock. 111,610; Oct. 4.
- Marcus, Nathan, New York, N. Y. Textile fabric or similar article. 111,049; Aug. 23.
- Marcus, Nathan, New York, N. Y. Textile fabric or similar article. 111,050; Aug. 23.
- Marcus, William J., Cleveland Heights, Ohio. Supporting rack for kitchen utensils, or the like. 109,641; May 10.
- Marder, Leo, Brooklyn, N. Y. Frame for mirrors or the like. 112,438; Dec. 6.
- Marholz, Richard C. (See Wronke, L. J., and Marholz.)
- Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Radio cabinet. 109,250; Apr. 12.
- Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Escutcheon plate for radio receiver apparatus. 109,895; May 31.
- Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Escutcheon plate for radio receiver apparatus. 109,896; May 31.
- Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Finger button for a selector member of a radio tuning device. 109,897; May 31.
- Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Radio cabinet. 110,707; Aug. 2.
- Mariani, Frank N., New York, N. Y. Combined lamp and pipe rack. 111,792; Oct. 18.
- Mark, Clarence, Morristown, assignor to G. Washington Coffee Refining Co., Morris Plains, N. J. Bottle. 112,703; Dec. 27.
- Markel Electric Products, Inc. (See MacFadden, Glenn E., assignor.)
- Markel Electric Products, Inc. (See Ripley, Duane L., assignor.)
- Markey, George T. (See Jones, W. H., Markey, and Olson.)
- Markley, Joseph M., Jr., et al. (See Niederhauser, Robert J., assignor.)
- Markley, Myron D., et al. (See Niederhauser, Robert J., assignor.)
- Marks, Isaac, New York, N. Y. Coat. 108,183; Jan. 25.
- Marks, Murray, assignor to Betmar Hats, Inc., New York, N. Y. Hat. 110,254; June 28.
- Marks, Murray J., New York, N. Y. Hat. 111,496; Sept. 27.
- Marquette Manufacturing Co. Inc. (See Akins, Clifford M., assignor.)
- Marsack, Max, assignor to Li-On Bedding Company, Milwaukee, Wis. Mattress. 107,880; Jan. 11.
- Marshall, Leonard C., assignor to Sola Electric Co., Chicago, Ill. Combined transformer and sign frame. 112,755; Dec. 27.
- Marshall, Alexander, Portland, Oreg. Air cleaner. 109,495; May 3.
- Marshall, Clinton E., Bronx, N. Y. Pen and pencil clip. 107,964; Jan. 18.
- Marshall, Clinton E., Bronx, N. Y. Pen and pencil clip. 107,965; Jan. 18.
- Marshall, Clinton E., Bronx, N. Y. Pen and pencil clip. 109,412; Apr. 26.
- Marshall, Clinton E., Bronx, N. Y. Pen and pencil clip. 109,413; Apr. 26.
- Marshall, Doyle B., Marshall, Mich. Clock. 112,611; Dec. 20.
- Marshall, Doyle B., Marshall, Mich. Clock. 112,612; Dec. 20.
- Marshall Field & Company. (See Mey, Marcel, assignor.)
- Marshall, Robert N., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmitter. 112,756; Dec. 27.
- Marshall-Wells Company. (See Granquist, Harold A., assignor.)
- Marshall, William B., assignor to Chain Belt Company, Milwaukee, Wis. Housing for garbage or sewage triturators and the like. 110,419; July 5.
- Marshburn, Preston W., Pelham, and A. Leydenfrost, assignors to Peggy Sage, Inc., New York, N. Y. Cosmetic cabinet. 109,068; Mar. 29.
- Martin, Cary W., Los Angeles, Calif. Extensible radio aerial. 112,288; Nov. 22.
- Martin-Copeland Company. (See Kirk, L. H., and Plouffe, assignors.)
- Martin, Glenn L., Company, The. (See Boulton, B. C., and McDonnell, assignors.)
- Martin, James V., Hempstead, N. Y. Combined wheel and tire. 108,055; Jan. 18.
- Martin, John D., Capels, W. Va. Miner's tool. 111,497; Sept. 27.
- Martin, Lawrence R., assignor to Eastman Kodak Company, Rochester, N. Y. Finder for cameras. 110,070; June 14.
- Martinsson, Gunnar R. C., Riverside, assignor to Elsbett Manufacturing Company, Inc., Chicago, Ill. Ignition coil housing. 112,023; Nov. 1.
- Marvin, Agnes, Detroit, Mich. Game board. 110,903; Aug. 16.
- Maryland Glass Corporation. (See Clevenger, Glen M., assignor.)
- Maryland Glass Corporation. (See Fulcher, Jean, assignor.)
- Mascitelli, Marie, New York, N. Y. Dress ensemble. 109,454; Apr. 26.
- Mascitelli, Marie, New York, N. Y. Dress. 111,611; Oct. 4.
- Mascitelli, Marie, New York, N. Y. Dress. 111,640; Oct. 4.
- Mascitelli, Marie, New York, N. Y. Dress. 111,932; Oct. 25.
- Mascitelli, Marie, New York, N. Y. Dress ensemble. 112,028; Nov. 1.
- Mascitelli, Marie, New York, N. Y. Waist. 112,467; Dec. 6.
- Mascitelli, Marie, New York, N. Y. Dress ensemble. 112,714; Dec. 27.
- Mascitelli, Marie, New York, N. Y. Dress ensemble. 112,715; Dec. 27.
- Mascitelli, Marie, New York, N. Y. Dress ensemble. 112,716; Dec. 27.
- Mascitelli, Marie, New York, N. Y. Dress ensemble. 112,717; Dec. 27.
- Masland, C. H. & Sons, Inc. (See Brown, William, assignor.)
- Massar, Harry, New York, N. Y. Dress or similar article. 111,641; Oct. 4.
- Mast, Esther, New York, N. Y. Dress. 111,310; Sept. 13.
- Mast, Esther, New York, N. Y. Dress. 111,479; Sept. 20.
- Mast, Esther, New York, N. Y. Dress. 111,933; Oct. 25.
- Master Doughnut Machine Company. (See Petzelt, Rudolph F., assignor.)
- Master Electric Company, The. (See Dicke, Carl H., assignor.)
- Master Electric Company, The, et al. (See Voorhees, E., and Niekamp, assignors.)
- Master Metal Products, Inc. (See Gelbel, John F., assignor.)
- Master Venetian Blind Hardware Corporation. (See Radel, Aaron A., assignor.)
- Matassa, Thomas J., Los Angeles, Calif. Flower bowl or similar article. 109,069; Mar. 29.
- Mathews, Mary F., New York, N. Y. Hat. 111,658; Oct. 11.
- Mathewson, Maxwell I., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Machine tool base. 110,396; July 5.
- Matis, Joseph, New York, N. Y. Coat. 110,420; July 5.
- Matthews, Russell R., Cornwall, N. Y. Woven pile fabric. 112,484; Dec. 6.
- Mattias, Joseph M., West Warwick, R. I. Electric sign base. 111,209; Sept. 13.
- Maxant, William T., Ayer, Mass. Pinking machine. 112,121; Nov. 8.
- May, Janet, New York, N. Y. Comfortable. 107,895; Jan. 11.
- May, Janet, New York, N. Y. Stocking. 109,836; May 24.
- May, Walter H., New York, N. Y. Comfortable. 109,102; Mar. 29.
- May, Walter H., New York, N. Y. Comfortable. 109,103; Mar. 29.
- Mayer, Edwin C., New York, assignor to Neptune Meter Company, Long Island City, N. Y. Register dial plate for dispensing pumps. 110,360; July 5.
- Mayer, Edwin C., New York, assignor to Neptune Meter Company, Long Island City, N. Y. Price and transaction register dial plate for dispensing pumps. 110,361; July 5.
- Mazer, Louis, New York, N. Y. Brooch or similar article. 109,875; May 31.
- Mazer, Louis, New York, N. Y. Brooch or similar article. 109,876; May 31.
- Mazer, Louis, New York, N. Y. Brooch or similar article. 109,877; May 31.
- Mazer, Louis, New York, N. Y. Brooch or similar article. 109,878; May 31.
- Mazer, Louis, New York, N. Y. Brooch or similar article. 109,898; May 31.



- Mazer, Louis, New York, N. Y. Bracelet. 110,149; June 21.
- McAllister, Harley J., Chicago, Ill. Vacuum cleaner casing. 108,102; Jan. 25.
- McBee Company, The. (See Connor, Roger, assignor.)
- McBride, Clifford A., Riverside, and P. J. Callowhill, Edgewood, R. I.; said Callowhill assignor to said McBride. Combined bottle stopper and liquid pourer. 108,397; Feb. 8.
- McCabe, Anthony L., Reading, Mass. Beam projector. 109,899; May 31.
- McCabe, John J., Euclid, Ohio. Washing machine tub. 110,974; Aug. 23.
- McCabe, John J., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine tub. 110,973; Aug. 23.
- McCallum & Robinson, Inc. (See Robinson, William W., assignor.)
- McCarthy, Charles M., Minneapolis, Minn. Combination fur and fabric whipping apparatus. 109,849; May 24.
- McCarthy, Joseph P., Chicago, Ill. Multiple lens metal globe for lanterns. 111,182; Sept. 6.
- McCord, Laps D., et al. (See Hoffmann, John A., assignor.)
- McCoy, Ross K., Oakland, Calif., assignor to Lincoln Engineering Company, St. Louis, Mo. Grease cabinet. 110,571; July 19.
- McCray Refrigerator Company. (See Hopkins, George J., assignor.)
- McCune, Herman A., Boston, Mass. Bookcase. 111,519; Sept. 27.
- McCurrah, James C., Brooklyn, N. Y. Color indicator necktie rack. 111,210; Sept. 13.
- McDermert, James H., assignor to The Swartwout Company, Cleveland, Ohio. Rotary ventilator. 111,547; Sept. 27.
- McDonald, Edward F., Buffalo, N. Y. Combined ashtray, pipe knocker, and pipe rack. 109,616; May 10.
- McDonald, Sterling B., Chicago, Ill. Textile fabric. 108,293; Feb. 1.
- McDonald, Sterling B., Itasca, Ill., assignor to The Adlake Company. Combination baggage rack and lighting fixture or similar article. 109,918; May 31.
- McDonnell, James S., Jr. (See Boulton, B. C., and McDonnell.)
- McGarry, Bernard J., New York, N. Y. Cottage. 112,082; Nov. 8.
- McGraw Electric Company. (See Reinecke, J. O., and Barnes, assignors.)
- McGuickin, Mary L., Columbus, Ohio. Christmas tree ornament or the like. 112,578; Dec. 13.
- McHenry, Walter C., Oakland, assignor to Buttermilk Dispensers, San Francisco, Calif. Liquid dispenser. 109,919; May 31.
- McIntosh, Frank, New York, N. Y. Bottle. 109,920; May 31.
- McIntosh, Frank, assignor to Lenthier Incorporated, New York, N. Y. Bottle. 107,966; Jan. 18.
- McIntosh, Frank, assignor to Lenthier Incorporated, New York, N. Y. Cake of soap or the like. 109,496; May 3.
- McIntosh, Frank, assignor to Lenthier Incorporated, New York, N. Y. Jar. 111,659; Oct. 11.
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Automobile aerial. 110,150; June 21.
- McKay, Hugh, Miami, Fla. Baking pan. 110,032; June 7.
- McKee Glass Company. (See Smith, Maurice A., assignor.)
- McKinney, Robert N., Hillside, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Radio display stand. 108,749; Mar. 8.
- McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 112,704; Dec. 27.
- McMahon, Henry E., B. J. Riley, and M. J. Prandy, Milwaukee, Wis. Embroidered perforated fabric shoe. 110,728; Aug. 2.
- McManus, Charles E., Spring Lake, N. J., and Amos and E. A. Calleson, Marrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Metal beverage bottle. 109,331; Apr. 19.
- McNiel, Stanley S. S., New York, N. Y. Textile fabric. 107,930; Jan. 11.
- McNulty, Joseph, Bergenfield, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pencil tip. 108,548; Feb. 22.
- McQuinn, Carl, assignor to Williams Sealing Corporation, Decatur, Ill. Receptacle closure cap. 110,817; Aug. 9.
- McQuinn, Carl, assignor to Williams Sealing Corporation, Decatur, Ill. Container cap. 112,289; Nov. 22.
- Mend, Clarence E., Chicago, Ill., and R. E. Sturm, Baltimore, Md., assignors to Bendix Radio Corporation, Chicago, Ill. Electrical meter. 111,985; Nov. 1.
- Mend Johnson & Company. (See Windbiel, Joseph C., assignor.)
- Mengher, William G., Oakland, assignor to Standard Oil Company of California, San Francisco, Calif. Pedestal desk. 109,414; Apr. 26.
- Mechanical Handling Systems, Inc. (See Bishop, Leonard J., assignor.)
- Meinders, Lorain C., Storm Lake, Iowa. Body belt. 109,092; Mar. 20.
- Meeker, David A., and F. D. Houser, assignors to The Hohart Manufacturing Company, Troy, Ohio. Coffee mill. 109,565; May 3.
- Megar, David, New York, N. Y. Watchcase. 112,345; Nov. 29.
- Megibow, George, New York, N. Y. Textile fabric. 111,055; Aug. 23.
- Megibow, George, New York, N. Y. Textile fabric. 111,934; Oct. 25.
- Megibow, George, New York, N. Y. Textile fabric. 111,935; Oct. 25.
- Megibow, George, New York, N. Y. Textile fabric. 111,936; Oct. 25.
- Megibow, George, New York, N. Y. Textile fabric. 112,122; Nov. 8.
- Megibow, George, New York, N. Y. Textile fabric. 112,202; Nov. 15.
- Megibow, George, New York, N. Y. Textile fabric. 112,203; Nov. 15.
- Megibow, George, New York, N. Y. Textile fabric. 112,204; Nov. 15.
- Megibow, George, New York, N. Y. Textile fabric. 112,205; Nov. 15.
- Megibow, George, New York, N. Y. Textile fabric. 112,643; Dec. 20.
- Meier, John H., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass milk bottle. 109,518; May 3.
- Meier, John H., Jr., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 112,532; Dec. 13.
- Meier, William G., Mamaroneck, N. Y. Embroidered textile fabric. 107,910; Jan. 11.
- Meisels, Morris. (See Getman, W., and Meisels.)
- Mekeel, Charles H., Jr., Reading, Pa. Bottle. 110,624; July 26.
- Melia, Harry F., New York, N. Y. Tablecloth or similar article. 112,083; Nov. 8.
- Mell, Alfred L. (See Lum G. R., and Mell.)
- Mellen, Clara, assignor to The Jaeger Company Inc., New York, N. Y. Tennis skirt. 110,531; July 12.
- Melone, Anthony, Cranston, assignor to Paragon Jewelry Company, Providence, R. I. Cigarette case. 109,850; May 24.
- Meltzer, Jack, Putnam, Conn. Slipper. 111,211; Sept. 13.
- Melville, Beatrice. (See Melville, Joseph, assignor.)
- Melville, Beatrice, Long Beach, N. Y. Necktie. 109,251; Apr. 12.
- Melville, Beatrice, Long Beach, N. Y. Shirt. 110,421; July 5.
- Melville, Joseph, assignor to B. Melville, Long Beach, Calif. Shorts. 110,253; June 28.
- Melvin, Francis F., and B. C. Howell, Elwood, Ind. Display cabinet. 108,597; Feb. 22.
- Mengle, Glenn A., assignor to Brockway Glass Company, Inc., Brockway, Pa. Ashtray. 110,097; June 14.
- Menken, Gretchen v. B., New York, N. Y. Doll or similar article. 112,682; Dec. 27.
- Mercer, N. A., New York, N. Y. Key case or the like. 111,587; Oct. 4.
- Mercer, Nathan L. (See Knipple, G. W., and Mercer.)
- Meredith, Byron W., Morrisville, Pa. Plate for molds for hard rubber goods. 109,851; May 24.
- Mergenthaler Linotype Company. (See Ish-Shalom, Samu-El, assignor.)
- Mergott, J. E., Company, The. (See Green, Jack, assignor.)
- Mergott, J. E., Company, The. (See Hierling, William C., assignor.)
- Mergott, J. E., Company, The. (See Laubenstein, George, assignor.)
- Merillat, Harold E., Ottawa Hills, assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Combined automobile fender and head lamp. 112,034; Nov. 1.
- Merriman, John, Norwalk, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 112,123; Nov. 8.
- Merkin, Rose, Newton, Mass. Beauty helmet. 107,836; Jan. 4.
- Merkler, Louis, assignor to Geller Scallop & Novelty Co., Inc., New York, N. Y. Dress ornament or similar article. 111,080; Aug. 30.
- Merralls, Charles N., Los Angeles, Calif. Tassel. 109,668; May 10.
- Merrifield, Pansy E., St. Joseph, assignor to M. J. Coe, Kansas City, Mo. Lamp guard. 110,901; Aug. 16.
- Merrill, Marcellus S., Denver, Colo. Lifting jack. 109,852; May 24.
- Merz, Maurice, assignor to The Longines Wittnauer Co., Inc., New York, N. Y. Watchcase. 108,734; Mar. 8.
- Merz, Maurice, assignor to The Longines Wittnauer Co., Inc., New York, N. Y. Watchcase. 108,735; Mar. 8.
- Merz, Maurice, assignor to The Longines Wittnauer Co., Inc., New York, N. Y. Watchcase. 108,736; Mar. 8.
- Merz, Maurice, assignor to The Longines Wittnauer Co., Inc., New York, N. Y. Watchcase. 108,737; Mar. 8.
- Merz, Maurice, assignor to The Longines Wittnauer Co., Inc., New York, N. Y. Watchcase. 108,738; Mar. 8.
- Merz, Maurice, assignor to The Longines Wittnauer Co., Inc., New York, N. Y. Watchcase. 108,739; Mar. 8.
- Metal Textile Corporation. (See Kingman, Russell B., assignor.)
- Metropolitan Body Company, The. (See Carlson, Philip, assignor.)



- Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,086; Jan. 25.
- Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,087; Jan. 25.
- Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,088; Jan. 25.
- Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,089; Jan. 25.
- Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,090; Jan. 25.
- Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,242; Feb. 1.
- Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,661; Mar. 1.
- Mey, Marcel, Paris, France, assignor, by mesne assignments, to Selznick International Pictures Inc., New York, N. Y. Textile fabric. 110,776; Aug. 2.
- Mey, Marcel, Paris, France, assignor, by mesne assignments, to Selznick International Pictures, Inc., New York, N. Y. Textile fabric. 110,782; Aug. 2.
- Mey, Marcel, Paris, France, assignor, by mesne assignments, to Selznick International Pictures, Inc., New York, N. Y. Textile fabric. 110,783; Aug. 2.
- Meyer, Albert C., assignor to Glenshaw Glass Company, Glenshaw, Pa. Glass bottle. 111,212; Sept. 13.
- Meyer, Ferd H., Oakland, assignor to The Adhesive Products Co., San Francisco, Calif. Dispenser for paper tape product. 108,243; Feb. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,675; Mar. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,676; Mar. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,677; Mar. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,678; Mar. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,679; Mar. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,680; Mar. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,681; Mar. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,682; Mar. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,683; Mar. 1.
- Meyer, Jo W., New York, N. Y. Dress. 108,767; Mar. 8.
- Meyer, Jo W., New York, N. Y. Dress. 108,866; Mar. 15.
- Meyer, Jo W., New York, N. Y. Dress. 108,867; Mar. 15.
- Meyer, Jo W., New York, N. Y. Dress. 108,868; Mar. 15.
- Meyer, Jo W., New York, N. Y. Dress. 108,980; Mar. 22.
- Meyer, Jo W., New York, N. Y. Dress. 108,981; Mar. 22.
- Meyer, Jo W., New York, N. Y. Dress. 108,982; Mar. 22.
- Meyer, Jo W., New York, N. Y. Dress. 109,278; Apr. 12.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Amusement game cabinet. 112,644; Dec. 20.
- Meyer, Max C., Brooklyn, N. Y. Shirt display stand. 110,187; June 21.
- Meyer, Peter F., Brooklyn, N. Y. Spoon. 108,878; Mar. 22.
- Meyer, Pierre H., Mount Vernon, N. Y. Panel coupling and supporting clip for use in counter display. 108,497; Feb. 15.
- Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater casing. 112,124; Nov. 8.
- Meyerowich, Charles A., Staten Island, N. Y. Advertising display figure or article of similar nature. 111,909; Oct. 25.
- Meyers, Wallace E., New York, N. Y. Glove. 108,294; Feb. 1.
- Michelson, Lawrence M., Clayton, Mo. Tearoom chair. 108,750; Mar. 8.
- Michelson, Lawrence M., Clayton, Mo. Double booth seat. 109,415; Apr. 26.
- Michelson, Margaret, New York, N. Y. Dress. 107,911; Jan. 11.
- Michelson, Margaret, New York, N. Y. Dress. 107,931; Jan. 11.
- Michelson, Margaret, New York, N. Y. Dress. 108,029; Jan. 18.
- Michelson, Margaret, New York, N. Y. Dress ensemble. 108,030; Jan. 18.
- Michelson, Margaret, New York, N. Y. Dress. 108,869; Mar. 15.
- Michelson, Margaret, New York, N. Y. Dress. 109,093; Mar. 29.
- Michelson, Margaret, New York, N. Y. Dress. 109,377; Apr. 19.
- Michelson, Margaret, New York, N. Y. Dress. 109,669; May 10.
- Michelson, Margaret, New York, N. Y. Dress ensemble. 109,720; May 17.
- Michelson, Margaret, New York, N. Y. Dress. 109,721; May 17.
- Michelson, Margaret, New York, N. Y. Dress ensemble. 110,601; July 19.
- Michelson, Margaret, New York, N. Y. Dress. 110,835; Aug. 9.
- Michelson, Margaret, New York, N. Y. Dress. 111,028; Aug. 23.
- Michelson, Margaret, New York, N. Y. Dress. 111,612; Oct. 4.
- Michelson, Margaret, New York, N. Y. Dress ensemble. 111,711; Oct. 11.
- Michelson, Margaret, New York, N. Y. Dress. 111,712; Oct. 11.
- Michelson, Margaret, New York, N. Y. Dress ensemble. 111,937; Oct. 25.
- Michener, Edward R., assignor to H & H Machine & Motor Parts Company, St. Louis, Mo. Cylinder rebor-ing-plate. 108,244; Feb. 1.
- Mick, Walter K., St. Paul, Minn. Paper drilling machine. 111,812; Oct. 18.
- Middletown Silver Company, The. (See Cornell, Minn S., Jr., assignor.)
- Milcor Steel Company. (See Kuehn, Louis, assignor.)
- Milhening, Frank, Evanston, assignor to J. Milhening, Inc., Chicago, Ill. Ring or the like. 112,563; Dec. 13.
- Milhening, J., Inc. (See Milhening, Frank, assignor.)
- Miller, Charles, Evanston, Ill., assignor to Heywood-Wakefield Company, Worcester, Mass. Combined chair arm rest and ash receptacle. 109,301; Apr. 19.
- Miller, Donald C., Paterson, N. J., assignor to Frank M. Sayford Co., Inc., Brooklyn, N. Y. Decorative paper or similar article. 109,455; Apr. 26.
- Miller, Donald C., Paterson, N. J., assignor to Frank M. Sayford Co., Inc., Brooklyn, N. Y. Decorative paper or similar article. 109,456; Apr. 26.
- Miller, Donald C., Paterson, N. J., assignor to Frank M. Sayford Co., Inc., Brooklyn, N. Y. Decorative paper or similar article. 112,233; Nov. 15.
- Miller, Henry, New York, N. Y. Coat. 108,031; Jan. 18.
- Miller, Henry, New York, N. Y. Suit ensemble. 108,184; Jan. 25.
- Miller, Henry, New York, N. Y. Coat. 108,601; Feb. 22.
- Miller Industries Company, The. (See Miller, Morris E., assignor.)
- Miller, Jay G. (See Craven, C. L., Ciccone, and Miller.)
- Miller, Leon B., Brooklyn, N. Y. Pocket file. 107,783; Jan. 4.
- Miller, Milo F., Kansas City, Mo. Insecticide powder duster. 112,718; Dec. 27.
- Miller, Morris E., Canton, Ohio, assignor, by mesne assignments, to The Miller Industries Company, Incorporated, Richmond, Va. Freezing unit. 107,782; Jan. 4.
- Miller, Nels A., assignor to Seeburg Radio Corporation, Chicago, Ill. Cabinet for radios and the like. 108,338; Feb. 8.
- Miller, Nels A., assignor to Seeburg Radio Corporation, Chicago, Ill. Cabinet for radios or the like. 109,519; May 3.
- Miller, S. Lee, Maywood, Ill. Parking meter casing. 110,754; Aug. 2.
- Miller, Thomas E., Nashville, Tenn. Safety belt for pedestrians. 108,337; Feb. 8.
- Miller, Vernon L., Ashland, Ohio. Tooth brush. 112,719; Dec. 27.
- Miller, Walter C., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 109,722; May 17.
- Miller, Walter C., assignor to Quaker Lace Company, Incorporated, Philadelphia, Pa. Lace tablecloth. 110,151; June 21.
- Miller, William, Berwyn, Ill., assignor to General Outdoor Advertising Co. Inc., New York, N. Y. Signboard or similar article. 111,326; Sept. 20.
- Miller, William G., New York, N. Y. Quilted fabric. 111,813; Oct. 18.
- Millermaster, Ralph A., and Alex A. Writzmann, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Cover for an electric switch box or the like. 108,212; Feb. 1.
- Milne, James D., Pittsfield, Mass., assignor, by mesne assignments, to Universal Camera Corporation. Camera or similar article. 111,986; Nov. 1.
- Milton, John K., and C. Young, Chicago, Ill.; said Young assignor to said Milton. Seesaw apparatus. 107,784; Jan. 4.
- Milton, John K., Chicago, Ill. Smoking stand. 108,549; Feb. 22.
- Milton, John K., Chicago, Ill. Ash receptacle. 110,422; July 5.
- Milton, John K., Chicago, Ill. Smoking stand. 111,183; Sept. 6.
- Milton, John K., Chicago, Ill. Ashtray. 111,682; Oct. 11.
- Milton, John K., Chicago, Ill. Combined tray and receptacles for smokers. 112,206; Nov. 15.
- Minchin, Josephine C., Beverly Hills, Calif. Illuminated centerpiece. 107,881; Jan. 11.
- Mink, Isadore, Brooklyn, N. Y. Umbrella. 108,213; Feb. 1.
- Minnesota Mining & Manufacturing Company. (See Reinecke, Jean O., assignor.)
- Minoff, Jack, Newark, N. J. Knitted fabric. 109,070; Mar. 29.
- Minoff, Jack, Newark, N. J. Knitted fabric. 110,188; June 21.
- Minoff, Jack, Newark, N. J. Knitted fabric. 110,189; June 21.
- Minoff, Jack, Newark, N. J. Knitted fabric. 110,190; June 21.
- Minoff, Jack, Newark, N. J. Knitted fabric. 111,081; Aug. 30.



- Miracky, Josephine, New York, N. Y. Dress. 108,267; Feb. 1.
- Miracky, Josephine, New York, N. Y. Dress. 111,642; Oct. 4.
- Mirsky, Nathaniel, Brooklyn, assignor to H. Boker & Co. Inc., New York, N. Y. Handle for knives, forks, spoons, and similar articles. 111,149; Sept. 6.
- Mitchell-Bissell Company. (See Cass, Freeman R., assignor.)
- Mitchell, Carl A. (See Bruner, R. A., and Mitchell.)
- Mitchell, Celia, New York, N. Y. Dress. 112,031; May 1.
- Mitchell, Celia, New York, N. Y. Dress. 112,125; Nov. 8.
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Combined indicating and control device for radio receivers. 109,252; Apr. 12.
- Mitchell, Murray, New York, N. Y. Picture frame. 108,339; Feb. 8.
- Mitrani, Maurice, New York, N. Y. Apron. 109,279; Apr. 12.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Cuff link. 107,896; Jan. 11.
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Buckle. 109,332; Apr. 19.
- Mkoch, Augustin, Hulin, Czechoslovakia. Electrically lighted shoe. 108,751; Mar. 8.
- Modern Curtain Co. Inc. (See Baird, Frederick A., assignor.)
- Molea, Frank, New York, N. Y. Shoe. 108,340; Feb. 8.
- Moll, Norman, assignor to Libby Glass Company, Toledo, Ohio. Goblet. 109,990; June 7.
- Moloney, Raymond T. (See Gast, George A., assignor.)
- Monaghan, Martin M., Wellsburg, W. Va. Package opener. 108,702; Mar. 8.
- Monarch Manufacturing Works, Inc. (See Frame, Edgar B., assignor.)
- Monarch Tool and Manufacturing Company, The. (See Hall, Louis M., assignor.)
- Monn, Charles W., Cedar Rapids, Iowa. Bottle. 112,373; Nov. 29.
- Montgomery Brothers. (See Conant, Alan B., assignor.)
- Montgomery Ward & Co. (See Swainson, Anne, assignor.)
- Montgomery Ward & Co. (See Underwood, John A., assignor.)
- Mooradian, Harry S., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Tire. 112,346; Nov. 29.
- Moore, Aston L., South Bend, Ind., assignor to Cin-Rad Corporation, Chicago, Ill. Microphone control. 107,785; Jan. 4.
- Moore Corporation, The. (See Gatons, Charles F., assignor.)
- Moore Corporation, The. (See Gatons, C. F., Hausser, and Heldbreder, assignors.)
- Moore, Donald L., Racine, Wis. Lamp. 112,084; Nov. 8.
- Moore, Sidney A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Electric fence control casing. 110,152; June 21.
- Moore, Sidney A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Electric fence controller panel. 110,287; June 28.
- Moore, Sidney A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Electric fence controller panel. 110,288; June 28.
- Moore, Wiley L., Atlanta, Ga. Sign for automobiles or the like. 111,988; Nov. 1.
- Moorman, Charles L., Blue Island, Ill. Road marker. 110,098; June 14.
- Morecom, John H., Long Beach, Calif. Dental floss holder. 109,497; May 3.
- Morehead, Fred H., New Market, Va. Doll. 108,576; Feb. 22.
- Moreno, Frank, Detroit, Mich. Direction indicator attachment for a golf club. 111,855; Oct. 25.
- Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Combined desk and chair. 109,228; Apr. 12.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Sink. 108,017; Jan. 18.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Band saw. 108,245; Feb. 1.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Clock. 108,341; Feb. 8.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Stake for croquet and like games. 108,719; Mar. 8.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Line guide for a fishing rod. 108,720; Mar. 8.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Fishing rod handle. 108,721; Mar. 8.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Casing for automobile heater or the like. 108,794; Mar. 15.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Body for child's wagon. 109,333; Apr. 19.
- Morgan, John R., assignor to Sears, Roebuck and Co., Chicago, Ill. Kettle. 109,642; May 10.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined washing machine and wringer. 109,813; May 24.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined chain and skirt guard. 109,814; May 24.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined stove casing and base therefor. 110,673; July 26.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Stove casing. 110,674; July 26.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Toy wagon body. 110,874; Aug. 16.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Water heater. 111,001; Aug. 23.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Insulated receptacle for food or liquid. 111,029; Aug. 23.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Casing for combined washing machine and drier. 111,109; Aug. 30.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Fender for a wheeled vehicle. 111,683; Oct. 11.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Control panel for outboard motors. 111,814; Oct. 18.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Fuel tank structure for outboard motors. 111,987; Nov. 1.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Washing machine. 112,207; Nov. 15.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Gasoline tank for outboard motor. 112,290; Nov. 22.
- Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Carpet sweeper. 112,613; Dec. 20.
- Morgan, Terrence R., Vancouver, Wash. Resort building. 108,550; Feb. 22.
- Morimura Bros. Inc. (See Buma, Yukio, assignor.)
- Morimura Bros. Inc. (See Leigh, Cyril W., assignor.)
- Morny, Elizabeth, New York, N. Y. Knife. 110,397; July 5.
- Morreale, Angelo S., Los Angeles, Calif. Game board. 108,921; Mar. 22.
- Morris, Abraham H., New York, N. Y. Dress or similar article. 107,829; Jan. 4.
- Morris, Abraham H., New York, N. Y. Dress or similar article. 107,830; Jan. 4.
- Morris, Abraham H., New York, N. Y. Dress ensemble or similar article. 107,831; Jan. 4.
- Morris, Abraham H., New York, N. Y. Dress or similar article. 111,548; Sept. 27.
- Morris, Abraham H., New York, N. Y. Dress or similar article. 112,024; Nov. 1.
- Morris, Abraham H., New York, N. Y. Dress or similar article. 112,468; Dec. 6.
- Morris, Joseph C., et al. (See Lamport, Herbert W., assignor.)
- Morris, Julia, New York, N. Y. Textile fabric. 111,946; Oct. 25.
- Morris, Julia, New York, N. Y. Textile fabric. 111,947; Oct. 25.
- Morris, Julia, New York, N. Y. Textile fabric. 112,126; Nov. 8.
- Morris, Julia, New York, N. Y. Textile fabric. 112,127; Nov. 8.
- Morris Paper Mills. (See Arneson, Edward L., assignor.)
- Morrison, Ann, New York, N. Y. Top sock or similar article. 108,342; Feb. 8.
- Morrison, Dorothy E. (See Morrison, Frank E. and D. E.)
- Morrison, Frank E. and D. E., San Francisco, Calif. Christmas tree ornament. 109,081; Mar. 29.
- Morrison, Willard L., Lake Forest, Ill. Winterfront for automobiles. 110,046; June 7.
- Morrison, Willard L., Lake Forest, Ill. Winterfront for automobiles. 110,047; June 7.
- Morrison, Willard L., Lake Forest, Ill. Winterfront for automobiles. 110,048; June 7.
- Morrison, Willard L., Lake Forest, Ill. Winterfront for automobiles. 110,049; June 7.
- Morrison, Willard L., Lake Forest, Ill. Winterfront for automobiles. 110,050; June 7.
- Morrison, Willard L., Lake Forest, Ill. Automobile. 111,840; Oct. 18.
- Morrison, Willard L., Lake Forest, Ill. Automobile. 111,841; Oct. 18.
- Morrison, Willard L., Lake Forest, Ill. Radiator grille cover unit for automobiles. 112,291; Nov. 22.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Water heater support or similar article. 110,927; Aug. 16.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Domestic water heater. 111,184; Sept. 6.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Domestic water heater. 111,185; Sept. 6.
- Morse Andrews Company. (See Morse, William J., assignor.)
- Morse, William J., Attleboro, Mass. assignor to Morse Andrews Company. Cuff link. 110,289; June 28.



- Morton, Robert L., Los Angeles, Calif. Steering wheel knob. 108,453; Feb. 15.
- Moseley, Horace L., McAllen, Tex. Display tray. 110,398; July 5.
- Moseley, Tomlinson I., San Francisco, assignor to Moto-dent Inc., Los Angeles, Calif. Electric toothbrush. 110,928; Aug. 16.
- Moses, Harry, New York, N. Y. Knitted fabric. 108,295; Feb. 1.
- Moses, Harry, New York, N. Y. Knitted fabric. 108,296; Feb. 1.
- Mossberg, Iver O., West Haven, Conn. Trigger guard for firearms. 110,526; July 12.
- Mossberg, Iver O., West Haven, Conn. Combined trigger guard and finger grip for firearms. 110,729; Aug. 2.
- Mossberg, O. F., & Sons, Inc. (See Mossberg, Iver O., assignor.)
- Motodent Inc. (See Moseley, Tomlinson I., assignor.)
- Motor Master Products Company. (See Jackson, Purvis D., assignor.)
- Motor Wheel Corporation. (See Schneider, Walter C., assignor.)
- Motor Wheel Corporation. (See Wilmet, Georges, assignor.)
- Mott, Hilary R., assignor to Nehi, Inc., Columbus, Ga. Bottle. 109,520; May 3.
- Mott, Ruth B., Tampa, Fla. Game device. 111,660; Oct. 11.
- Mowry, Charles E., Berkeley, assignor to J. N. Gilman, Oakland, Calif. Pumping unit or similar article. 111,289; Sept. 13.
- Moxie Company, The. (See Dudley, Robert E., assignor.)
- Mueller Co. (See Cline, Earl E., assignor.)
- Mueller, Louis A., assignor to The Springfield Leather Products Company, Springfield, Ohio. Billfold. 109,815; May 24.
- Mueller, Louis F., Buffalo, N. Y. Toy airplane. 110,975; Aug. 23.
- Muessel, Robert W., assignor to South Bend Toy Mfg. Co., South Bend, Ind. Croquet rack. 112,533; Dec. 13.
- Muldoon, Bernard F., Mountainview, N. J., assignor to H. Hyman, Brooklyn, N. Y. Electric flare signal or similar article. 108,647; Mar. 1.
- Muldoon, Bernard F., Mountainview, N. J., assignor to H. Hyman, Brooklyn, N. Y. Flashlight casing. 108,922; Mar. 22.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 108,127; Jan. 25.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 108,393; Feb. 8.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 108,399; Feb. 8.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 108,400; Feb. 8.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 109,416; Apr. 26.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 109,417; Apr. 26.
- Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 110,399; July 5.
- Muller, Henry J., assignor to Armstrong Cork Company, Lancaster, Pa. Floor covering. 109,186; Apr. 5.
- Muller, Henry J., assignor to Armstrong Cork Company, Lancaster, Pa. Rug or similar article. 111,186; Sept. 6.
- Muller, Henry J., assignor to Armstrong Cork Company, Lancaster, Pa. Rug or similar article. 111,684; Oct. 11.
- Muller, Henry J., assignor to Armstrong Cork Company, Lancaster, Pa. Floor covering. 111,815; Oct. 18.
- Muller, Henry W., Richmond Hill, N. Y. Candle drip catcher. 112,374; Nov. 29.
- Muller, Henry W., Richmond Hill, N. Y. Dispensing carton. 112,411; Nov. 29.
- Müller-Munk, Peter, Pittsburgh, Pa. Vending machine casing. 112,208; Nov. 15.
- Mullins Manufacturing Corporation. (See Stanitz, Jacques, assignor.)
- Mulwitz, Robert, Port Chester, and H. G. Jennings, assignors to American Renaissance Associates, Inc., White Plains, N. Y. Chair. 107,967; Jan. 18.
- Mundorff, Theodore J., assignor to Hawaiian Pineapple Company, Honolulu, Hawaii. Hat or similar article. 110,058; June 7.
- Munson, Ralph O., assignor to Standard Oil Company, Chicago, Ill. Service station display case or the like. 108,454; Feb. 15.
- Murdock, Harry, et al. (See Hoffmann, John A., assignor.)
- Mureau, Charles A., Los Angeles, Calif. Lip brush or similar article. 108,577; Feb. 22.
- Muringer, Roger, assignor to Boutemy Freres, Paris, France. Watch. 109,229; Apr. 12.
- Murphy, Harry A., Minneapolis, Minn. Oil cleaner. 109,643; May 10.
- Murphy, James A., Detroit, Mich. Ashtray. 112,234; Nov. 15.
- Murphy, Ora F., Minneola, Kans. Tax token dispensing machine. 110,033; June 7.
- Murray, Albert L., Auburn, Ind. Tilttable pin game device. 110,875; Aug. 16.
- Murray, Bartholomew A., and J. Keane, Bronx, N. Y. Game board or similar article. 110,905; Aug. 16.
- Myers, Cecil C., Bartlesville, Okla. Bottle. 111,793; Oct. 18.
- Myers, Charles D., Oklahoma City, Okla. Fishing float. 110,587; July 19.
- Nable, Max, and P. Reiss, New York, N. Y. Game board. 110,730; Aug. 2.
- Nagel-Chase Mfg. Co., The. (See Schultz, Edward, assignor.)
- Nagle, Reginald A., assignor to Flower City Specialty Company, Rochester, N. Y. Display box. 108,605; Feb. 22.
- Nagle, Reginald A., assignor to Flower City Specialty Company, Rochester, N. Y. Display box. 108,606; Feb. 22.
- Nash, A. Company, The. (See Long, Augustine J., Jr., assignor.)
- Nashua Gummed and Coated Paper Company. (See Gautier, Trevor R., assignor.)
- Nathanson, Philip, New York, N. Y. Woven textile fabric. 108,684; Mar. 1.
- Nathanson, Philip, New York, N. Y. Woven textile fabric. 108,685; Mar. 1.
- Nathanson, William, Los Angeles, Calif. Phonograph cabinet. 112,485; Dec. 6.
- National Brush Company. (See Racicot, Albert, assignor.)
- National Casket Co. Inc. (See Schwendler, Carl, assignor.)
- National Distillers Products Corporation. (See Fuerst, Edwin W., assignor.)
- National Rubber Machinery Co. (See Soderquist, Leslie E., assignor.)
- National Screw & Manufacturing Company, The. (See Leavenworth, Ralph W., assignor.)
- National Silver Deposit Ware Co. Inc. (See Cravaritis, Andrew, assignor.)
- National Silver Deposit Ware Co. (See Solomon, Abraham, assignor.)
- National Silver Deposit Ware Co. Inc. (See Solomon, A., and Volynkine, assignors.)
- National Stamping & Electric Works. (See Stocker, Frederick, assignor.)
- Neale, Edward G. (See Applegate, O. C., Jr., and Neale.)
- Neely, Dorothy S., Los Angeles, Calif. Bib-apron. 109,438; Apr. 26.
- Neely, William H., assignor to Graham-Paige Motors Corporation, Detroit, Mich. Automobile rear fender. 109,253; Apr. 12.
- Nehi, Inc. (See Mott, Hilary R., assignor.)
- Nehls, Charles H., Detroit, Mich. Light diffuser. 109,149; Apr. 5.
- Nelson, Karl A., North Chicago, assignor to The Chicago Hardware Foundry Company, Chicago, Ill. Stool seat or similar article. 110,708; Aug. 2.
- Nelson, Lloyd A., San Francisco, Calif. Chest or similar receptacle. 112,375; Nov. 29.
- Nelson, Victor B., Rockford, Ill. Fishing rod handle. 112,175; Nov. 15.
- Nemeroff, Victor, assignor to Electro Manufacturing Co., Chicago, Ill. Desk lamp. 109,900; May 31.
- Nemeroff, Victor, assignor to Electro Manufacturing Co., Chicago, Ill. Lamp shade. 110,255; June 28.
- Nemeroff, Victor, assignor to Electro Manufacturing Co., Chicago, Ill. Lamp shade. 111,213; Sept. 13.
- Neptune Meter Company. (See Mayer, Edwin C., assignor.)
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Spectacle front. 109,566; May 3.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Endpiece for an ophthalmic mounting. 109,670; May 10.
- Nesbitt, Carl G., New York, N. Y. Combined cake container and serving tray. 112,347; Nov. 29.
- Nesbitt, George W., Sycamore, Ill. Assist cord. 107,882; Jan. 11.
- Nesbitt, George W., Sycamore, Ill. Dog harness. 110,625; July 26.
- Neu, Irma, New York, N. Y. Medallion or the like. 108,343; Feb. 8.
- Neuberger, Lester, assignor to Ward Baking Company, New York, N. Y. Toasted bread product. 110,626; July 26.
- Neuhardt, Charlotte M., New York, N. Y. Dress. 111,643; Oct. 4.
- Neuhardt, Charlotte M., New York, N. Y. Dress. 112,235; Nov. 15.
- Neumann, Alfred, New York, N. Y. Display box. 110,256; June 28.
- Neumann, Jane A., Bardstown, Ky. Bottle. 111,989; Nov. 1.
- Newberger, Herman H., Chicago, Ill. Curtain or similar article. 109,567; May 3.
- New Britain Machine Company, The. (See Costello, William F., assignor.)
- New Delphos Manufacturing Company, The. (See Werner, Louie F., assignor.)
- Newell Mfg. Co., The. (See Acker, Aaron C., assignor.)
- New England Lace Mills, Inc. (See Boysen, George M., assignor.)
- Newland, Carell A., Kansas City, Mo. Combined sterilizing and implement holding cabinet. 111,990; Nov. 1.
- Newman, Forrest L., Denver, Colo. Airplane. 109,022; Mar. 29.



- Newman, Gertrude A., Cleveland, Ohio. Doll. 111,327; Sept. 20.
- Newman, Louis. (See Levy, Joseph G., assignor.)
- Newman, Louis, New York, N. Y. Coat. 110,657; July 26.
- Newman, Louis, New York, N. Y. Coat. 111,991; Nov. 1.
- New York Band Instrument Co., Inc. (See Robbins, Franklin, assignor.)
- Niagara Falls Wire Stitchers, Inc. (See Sims, W. O., and Rodda, assignors.)
- Nicol, John, assignor to Divco-Twin Truck Company, Detroit, Mich. Delivery vehicle. 109,521; May 3.
- Nicrosini, Frank, Bayside, Long Island, N. Y. Embroidered fabric. 108,923; Mar. 22.
- Niederhauser, Robert J., Chicago, Ill., assignor to M. D. Markley and J. M. Markley, Jr., Canton, Ohio. Casing for a recording machine. 111,520; Sept. 27.
- Niekamp, Richard A. (See Voorhees, E., and Niekamp.)
- Nielwowski, Adam P., Irvington, N. J. Display holder or similar article. 112,209; Nov. 15.
- Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Audible signal unit or similar article. 111,187; Sept. 6.
- Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Audible signal unit or similar article. 111,188; Sept. 6.
- Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Audible signal unit or similar article. 111,189; Sept. 6.
- Nightingale, Harry C., Paterson, N. J. Barometer. 110,549; July 19.
- Nippon Dry Goods Co. (See Da Costa, Joseph P., assignor.)
- Nishimura, Joichi, Honolulu, Hawaii. Printed fabric. 108,961; Mar. 22.
- Noble, F. H., & Co. (See Allen, Jack G., assignor.)
- Noble, Robert C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. 108,091; Jan. 25.
- Noblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
- Noel, Guy E., Muncie, Ind. Combined display and retainer support. 107,883; Jan. 11.
- Noguchi, Isamu, New York, N. Y., assignor to Zenith Radio Corporation, Chicago, Ill. Radio casing. 108,837; Mar. 15.
- Norcross. (See Norcross, Arthur D., assignor.)
- Norcross, Arthur D., assignor to Norcross, New York, N. Y. Doll. 109,723; May 17.
- Norcross, Arthur D., assignor to Norcross, New York, N. Y. Doll. 109,724; May 17.
- Norlipp Company, The. (See Gurns, Stanley J., assignor.)
- Norris, Charles C., Riverside, Calif. Toilet tank top. 108,018; Jan. 18.
- North, Mary A., New York, N. Y., assignor to Celluloid Corporation. Combination frame and handle for mirrors or the like. 110,644; July 26.
- North, Mary A., New York, N. Y., assignor to Celluloid Corporation. Combination comb holder and brush. 111,480; Sept. 20.
- Northampton Textile Company. (See Koch, Henry P., assignor.)
- Northampton Textile Company. (See Majer, Carl P., assignor.)
- Northern Indiana Brass Company. (See Arbogast, Alfred C., assignor.)
- Norton, Robert A., Chatham, N. J. Floral display stand. 108,626; Mar. 1.
- Norton, Robert A., Chatham, N. J. Floral display stand. 110,976; Aug. 23.
- Novelty Velling Co. (See Acker, Irving, assignor.)
- Norwich Knitting Company. (See Charles, Harry, assignor.)
- Nuckols, Walter, Summit, N. J., assignor to Helena Rubinstein Inc., New York, N. Y. Bottle. 109,921; May 31.
- Nudell, Arthur A., Chicago, Ill. Decorative wall plaque or analogous article. 111,774; Oct. 18.
- Nusz, David J., Hickam Field, Honolulu, Hawaii. Automobile radiator ornament. 112,486; Dec. 6.
- Nutone Chimes Inc. (See Evans, Evan G., assignor.)
- Oak Screw Products Company. (See Leisen, Frederic A., assignor.)
- Oakley, Ernest L. (See Joyce, G. L., and Oakley.)
- Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Wall telephone. 109,418; Apr. 26.
- O'Brien, Elizabeth J., Boston, Mass. Shoe retainer. 110,191; June 21.
- O'Connor, John B., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Chair back. 112,348; Nov. 29.
- Odenerants, Henning, assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 108,129; Jan. 25.
- Odenerants, Henning, assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 110,818; Aug. 9.
- Odzer, Harry, New York, N. Y. Textile fabric. 112,210; Nov. 15.
- Odzer, Harry, New York, N. Y. Textile fabric. 112,211; Nov. 15.
- Odzer, Harry, New York, N. Y. Textile fabric. 112,212; Nov. 15.
- Oehler, Max. (See Fish, N. D., and Oehler.)
- Ogg, Frank L., Los Angeles, Calif. Penman like device. 110,257; June 28.
- Ogush, Ben, assignor to Katz & Ogush, Inc., New York, N. Y. Watchcase. 110,258; June 28.
- O'Hara, Patricia Q., New York, N. Y. Scarf. 108,019; Jan. 18.
- Ohio Foundry and Manufacturing Company, The. (See Hand, Thomas L., assignor.)
- Oker, Arne J., assignor to American Optical Company, Southbridge, Mass. Strain testing instrument. 110,527; July 12.
- Oker, Arne J., assignor to American Optical Company, Southbridge, Mass. Fitting table. 112,452; Dec. 6.
- Olds, Ambrose D., assignor to Coleman Lamp & Stove Company, Wichita, Kans. Heating stove. 111,661; Oct. 11.
- Olds, Reginald B., Los Angeles, Calif. Trombone. 110,493; July 12.
- Olean Glass Company. (See Briner, Darrell E., assignor.)
- Olean Glass Company. (See Smith, George, Jr., assignor.)
- O'Leary, Thomas A., Pittsburgh, Pa., assignor to Acme Protection Equipment Company. Gas mask. 108,879; Mar. 22.
- Oliphant, Jack, Toronto, Ontario, Canada. Sandal. 110,362; July 5.
- Olsen, Andrew P. (See Hanssen, S. L., Olsen, and Schmid.)
- Olson, John B. (See Jones, W. H., Markey, and Olson.)
- Olson, Norman A., Oak Park, Ill. Bird cage. 111,570; Oct. 4.
- Olshewski, Edward, Detroit, Mich. Picture frame. 112,534; Dec. 13.
- Oneida Ltd. (See Allen, G. N., Gerth, and Ressegger, assignors.)
- Oneida, Ltd. (See Allen, G. N., Ressegger, and Fleming, assignors.)
- Oneida Ltd. (See Gerth, W. H., Allen, and Bennett, assignors.)
- Oneida Ltd. (See L'Anglais, Pascal, assignor.)
- Onondaga Pottery Company. (See Koch, Augustus J., assignor.)
- Ontario Knife Company, The. (See MacPherson, John P., assignor.)
- Ontario Manufacturing Company. (See Downs, Marwood A., assignor.)
- Opler, Edmond, Hinsdale, assignor to Siren Mills Corporation, Chicago, Ill. Label. 107,968; Jan. 18.
- Oppenheim, Mildred, New York, N. Y. Bracelet. 109,765; May 17.
- Orange Crush Company. (See Repenning, Albert E., assignor.)
- Ormston, Harry E. (See Poeter, H. R., and Ormston.)
- Orndorff, Henry C., Providence, R. I. Weather vane. 111,204; Sept. 6.
- Orndorff, Henry C., Providence, R. I. Weather vane. 111,205; Sept. 6.
- Ornstein, Alfred, Brookline, Mass., assignor to Tober-Saifer Shoe Company, St. Louis, Mo. Shoe. 110,645; July 26.
- Orth, Richard, assignor to Gill Glass & Fixture Company, Philadelphia, Pa. Light diffusing torchiere shade. 109,817; May 10.
- Orth, Richard, assignor to Gill Glass & Fixture Company, Philadelphia, Pa. Light diffusing torchiere shade. 110,114; June 14.
- Oshima, Shigeo, assignor to Fujii Junichi Shoten, Ltd., Honolulu, Hawaii. Printed fabric. 110,494; July 12.
- Oswald, John, Lansing, assignor to General Motors Corporation, Detroit, Mich. Radiator grille. 108,498; Feb. 15.
- Oswald, John, Lansing, assignor to General Motors Corporation, Detroit, Mich. Ornamental grille for an automobile radiator. 109,671; May 10.
- Oswald, John, Lansing, assignor to General Motors Corporation, Detroit, Mich. Grille for automobile radiator. 109,672; May 10.
- Oswell, Benjamin M., Los Angeles, Calif. Straw dispensing jar. 111,794; Oct. 18.
- Otteneheimer, Reuben E., Baltimore, Md. Display case. 111,082; Aug. 30.
- Ottewell, Owen S., assignor to Brown & Rigelow, St. Paul, Minn. Playing card. 112,292; Nov. 22.
- Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 109,725; May 17.
- Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 109,726; May 17.
- Otto, Ferdinand P., assignor to Quaker Lace Company, Incorporated, Philadelphia, Pa. Lace tablecloth. 110,153; June 21.
- Otto, Ferdinand P., assignor to Quaker Lace Company, Incorporated, Philadelphia, Pa. Lace tablecloth. 110,154; June 21.
- Otto, Ferdinand P., assignor to Quaker Lace Company, Incorporated, Philadelphia, Pa. Lace tablecloth. 110,192; June 21.
- Owen, George W., New York, N. Y. Identification plate. 112,683; Dec. 27.
- Owens Illinois Can Company. (See Connor, Martha H., assignor.)
- Owens Illinois Can Company. (See Garten, William, assignor.)
- Owens Illinois Glass Company. (See Carvalho, Leslie E., assignor.)



- Owens-Illinois Glass Company. (See Coleman, Ewell M., assignor.)
- Owens-Illinois Glass Company. (See Desser, Michael S., assignor.)
- Owens-Illinois Glass Company. (See Fuerst, Brooks D., assignor.)
- Owens-Illinois Glass Company. (See Fuerst, Edwin W., assignor.)
- Owens-Illinois Glass Company. (See Hawk, Charles E., assignor.)
- Owens-Illinois Glass Company. (See Lorenzen, Arnold I., assignor.)
- Owens-Illinois Glass Company. (See Mackelfresh, William E., Jr., assignor.)
- Owens-Illinois Glass Company. (See Smith, C. H., and Jones, assignors.)
- Owens-Illinois Glass Company. (See Soubier, Leonard D., assignor.)
- Owens-Illinois Glass Company. (See Teague, Walter D., assignor.)
- Owens-Illinois Pacific Coast Company. (See Steuer, Norman F., assignor.)
- Owens Staple-Tied Brush Company, The. (See Jobst, Conrad, assignor.)
- Ox Fibre Brush Company. (See Paisley, Ray A., assignor.)
- Ox Fibre Brush Company. (See Partridge, Melvin H., assignor.)
- Ox Fibre Brush Company. (See Partridge, M. H., and Weitzel, assignors.)
- Oxweld Acetylene Company. (See Young, Lloyd W., assignor.)
- Oya, John A., Honolulu, Hawaii. Bottle or similar container. 111,992; Nov. 1.
- Ozlek, Morris, Philadelphia, Pa. Lamp stand. 108,216; Feb. 1.
- Pace, Thomas, and C. T. Walker, San Jose, Calif. Sunshade. 110,123; June 14.
- Pacific Hair Goods Company. (See Schleimer, Floyd V., assignor.)
- Packard, M. A., Company. (See Kent, John S., Jr., assignor.)
- Packer, Charles L. (See Glaser, Albert H., assignor.)
- Padwa, Harry, Brooklyn, N. Y. Leg for an article of furniture. 110,709; Aug. 2.
- Paige, Arthur E., Philadelphia, Pa. Heat radiator section. 112,439; Dec. 6.
- Paisley, Ray A., Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Clothes brush. 111,002; Aug. 23.
- Palace Travel Coach Corporation. (See Arehart, David D., assignor.)
- Panhorst, Paul, assignor to O. Schoenhut, Incorporated, Philadelphia, Pa. Game board. 108,983; Mar. 22.
- Pape, James C., Larchmont, N. Y. Shoe or similar article. 107,786; Jan. 4.
- Pape, James C., Larchmont, N. Y. Shoe or similar article. 107,787; Jan. 4.
- Pape, James C., Larchmont, N. Y. Shoe or similar article. 107,788; Jan. 4.
- Pape, James C., Larchmont, N. Y. Shoe or similar article. 107,789; Jan. 4.
- Paper Novelty Manufacturing Co. (See Cohen, Sol D., assignor.)
- Paragon Jewelry Company. (See Melone, Anthony, assignor.)
- Parco Lighting Equipment Co. (See Parlato, Peter, assignor.)
- Parfums Chevalier Garde, Inc. (See Bobri, Vladimir, assignor.)
- Parfums Chevalier Garde, Inc. (See Tarsaidze, Alexander, assignor.)
- Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric fan. 108,032; Jan. 18.
- Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine cabinet. 109,150; Apr. 5.
- Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Protective covering for a vacuum cleaner casing or the like. 112,236; Nov. 15.
- Parke, Davis & Company. (See Schultz, Thomas A., assignor.)
- Parker, Eugene, Los Angeles, Calif. Tile. 112,044; Nov. 8.
- Parker Pen Company, The. (See Graff, George R., assignor.)
- Parker, Ralph A., Melrose, assignor to Everlastik, Incorporated, Chelsea, Mass. Shoe. 108,481; Feb. 15.
- Parker Wire Goods Company. (See Ferguson, Alan C., assignor.)
- Parkin, Winfred T., assignor to Theodore W. Foster & Bro. Company, Providence, R. I. Compact or similar article. 111,662; Oct. 11.
- Parkrite Corporation. (See Broussard, R. F., and Toce, assignors.)
- Parkrite Corporation. (See Broussard, R., Toce, and Waltman, assignors.)
- Parlato, Peter, Astoria, assignor to Parco Lighting Equipment Co., Inc., New York, N. Y. Lighting fixture body. 110,977; Aug. 23.
- Farness, Reuben, Brooklyn, and S. Sweet, Bronx, N. Y. Combination jewelry display box. 107,790; Jan. 4.
- Parrelli, Benjamin F., Jr., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe. 110,978; Aug. 23.
- Parrot Speed Fastener Corporation. (See Crosby, Stephen A., assignor.)
- Parsons Ammonia Company. (See Briner, Darrell E., assignor.)
- Parsons Ammonia Company. (See Lummis, Leslie A., Jr., assignor.)
- Partridge, Melvin H., New Rochelle, N. Y., and F. W. Weitzel, Frederick, Md., assignors to Ox Fibre Brush Company, Inc., New York, N. Y. Brush or the like. 111,003; Aug. 23.
- Partridge, Melvin H., New Rochelle, assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Hand brush. 112,662; Dec. 20.
- Partridge, Melvin H., New Rochelle, assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Hand brush. 112,663; Dec. 20.
- Parzinger, Tommi, assignor to Hattie-Carnegie, Inc., New York, N. Y. Combination bottle and stopper therefor. 109,618; May 10.
- Passchen, Harry, Sylvania, Ohio. Hoe. 111,150; Sept. 6.
- Pass & Seymour, Inc. (See Brooks, John W., assignor.)
- Patent Button Company, The. (See Borel, Stanley R., assignor.)
- Patent License Corporation. (See Arenberg, Albert L., assignor.)
- Patten, Ray, Bridgeport, Conn., assignor to General Electric Company. Clock case. 110,441; July 12.
- Patten, Raymond E., Wilton, Conn., F. W. Hottenroth, Jr., Lynn, Mass., and H. R. Crago, Verona, N. J., assignors to General Electric Company. Timing case. 109,023; Mar. 29.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Refrigerator cabinet. 109,644; May 10.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Timer case. 110,906; Aug. 16.
- Patten, Raymond E., Bridgeport, Conn., assignor to General Electric Company. Percolator urn or similar article. 111,151; Sept. 6.
- Patterson, Joseph W., assignor to Volume Sprayer Manufacturing Company, Inc., Tulsa, Okla. Sprayer. 111,588; Oct. 4.
- Pattison, William S., Johnson County, Kans. Stair tread. 108,962; Mar. 22.
- Patton, John W. (See Cret, P. P., and Patton.)
- Patton, John W., and P. P. Cret, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Combined locomotive and tender. 111,713; Oct. 11.
- Patty, Woodrow and M. Brooks, Santa Fe, N. Mex. House marker. 108,130; Jan. 25.
- Patz, Dorothy E., New York, N. Y. Combined desk, table, and utility cabinet. 110,907; Aug. 16.
- Paul, Donald R., Davenport, Iowa. Cribbage board. 110,495; July 12.
- Paull, Ambrose D., and J. S. Kelly, assignors to Wheeling Stamping Company, Wheeling, W. Va. Molded bottle cap or like article. 109,024; Mar. 29.
- Pavelka, Joseph. (See Becker, Lester O., assignor.)
- Pavelka, Joseph. (See Pavelka, Joseph, Jr., assignor.)
- Pavelka, Joseph, Jr., assignor to J. Pavelka, St. Louis, Mo. Waffle iron. 110,193; June 21.
- Pavlecka, John, Detroit, Mich. Airplane. 109,951; May 31.
- Pawzat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Luggage carrier for bicycles or the like. 109,727; May 17.
- Pawzat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Handle bar grip for bicycles or the like. 109,922; May 31.
- Paxton, Worthen, New York, N. Y., assignor to Walter Kidde Sales Company, Bloomfield, N. J. Siphon bottle or similar article. 112,535; Dec. 13.
- Payne, Elise S., New York, N. Y. Sunglasses. 112,614; Dec. 20.
- Payne, Walter B., and R. C. Browne, assignors to The Todd Company, Inc., Rochester, N. Y. Check imprinting machine or similar article. 111,190; Sept. 6.
- Paysee, Robert B., Oak Park, Ill. Sadiron or similar article. 112,376; Nov. 29.
- Paysee, Robert B., Oak Park, Ill. Sadiron or similar article. 112,377; Nov. 29.
- Pearlman, Barney, New York, N. Y. Dress ensemble. 109,457; Apr. 26.
- Pearlman, Barney, New York, N. Y. Dress. 112,664; Dec. 20.
- Pearson, Marshall A., San Francisco, Calif. Price card holder. 112,615; Dec. 20.
- Pearson, Susan C., New York, N. Y. Crib. 109,645; May 10.
- Pecker, Michael, San Francisco, Calif. Rubber heel. 109,788; May 17.
- Pecknay, Irving E., Brooklyn, assignor to Divineform Brassiere Co., Inc., New York, N. Y. Brassiere. 110,316; June 28.
- Pecora Michael A., West Hazleton, Pa. Ice cream cone. 109,940; May 31.
- Pedersen, Sophus A., Omaha, Nebr. Standing lamp. 110,496; July 12.
- Peerless Bread Machinery Corporation. (See Lauterbur, Edward J., assignor.)
- Pehrson, Henry L., assignor to Anderson Brass Shops, Inc., Rockford, Ill. Drawer pull. 108,092; Jan. 25.



- Peisner, Charles M., New York, N. Y. Textile fabric. 109,728; May 17.
- Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Combined top, back splash panel, and lighting unit for ranges. 108,578; Feb. 22.
- Pellegrin, Elmer D., Woodstock, Ill., assignor to Kalamazoo Stove Company, Kalamazoo, Mich. Cooking stove. 108,648; Mar. 1.
- Pellegrin, Elmer D., Woodstock, Ill., and T. H. Hall, Los Angeles, Calif., assignors to Geo. D. Roper Corporation, Rockford, Ill. Gas range. 109,071; Mar. 29.
- Penn Electric Switch Co. (See Lavalley, Eugene V., assignor.)
- Penn, Irene, New York, N. Y., assignor to Hattie Carnegie, Inc. Lip stick holder. 112,400; Nov. 29.
- Pennsylvania Glass Products Co. (See Smith, Frasier, assignor.)
- Penzel, Dave, New York, N. Y. Belt or similar article. 110,658; July 26.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Combined automobile gear shift hand selector and handle, or similar article. 112,128; Nov. 8.
- Perfex Corporation. (See Hess, Clarence R. T., assignor.)
- Perkins, Forrest G., Culver City, Calif. Wall corner receptacle. 109,522; May 3.
- Perkins, Willard, Finleyville, Pa. Glass building block. 109,025; Mar. 29.
- Perlman, Rubin, New York, N. Y. Dress. 108,033; Jan. 18.
- Perlmutter, Henry A., New York, N. Y. Lamp base or similar article. 111,549; Sept. 27.
- Perlmutter, Isidore, New York, N. Y. Sachet. 109,356; Apr. 19.
- Perloff, Joseph. (See Bandrimer, P., and Perloff.)
- Perrone, Benjamin, Jackson Heights, Long Island, N. Y. Coat hanger. 108,579; Feb. 22.
- Pershall, Ralph H., Bremerton, assignor to Sanicut Mfg. Co., Port Orchard, Wash. Closure attachment for a pitcher or similar article. 109,789; May 17.
- Pershall, Ralph H., Bremerton, assignor to Sanicut Mfg. Co., Port Orchard, Wash. Dispensing cover for a pitcher or similar article. 112,150; Nov. 15.
- Persons, Charles A., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Light-reflecting road marker. 111,550; Sept. 27.
- Persons-Majestic Manufacturing Company. (See Persons, Charles A., assignor.)
- Perugia, Andre, Paris, France. Shoe or similar article. 111,856; Oct. 25.
- Perugia, Andre, Paris, France. Shoe or similar article. 111,857; Oct. 25.
- Perugia, Andre, Paris, France. Shoe or similar article. 111,858; Oct. 25.
- Perugia, Andre, Paris, France. Shoe or similar article. 112,085; Nov. 8.
- Perugia, Andre, Paris, France. Shoe or similar article. 112,086; Nov. 8.
- Petee, Lorenz D., Crestline, Ohio, assignor to Dominion Electrical Manufacturing Company. Electric fan guard. 107,791; Jan. 4.
- Peters and Russell, Inc. (See Russell, Linus E., assignor.)
- Peters, Henry M., Chicago, Ill. Portable electric lamp. 108,144; Jan. 25.
- Petersdorf, Alfred, New York, N. Y. Belt or similar article. 110,659; July 26.
- Petersen, Carl A., Chicago, Ill. Building. 109,026; Mar. 29.
- Peterson, Edward E., Marblehead, assignor to The Forbes Lithograph Manufacturing Company, Boston, Mass. Display stand. 112,536; Dec. 13.
- Peterson, Johann G., West Hartford, Conn. Electric switch. 108,344; Feb. 8.
- Peterson, Roy C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 111,859; Oct. 25.
- Petker, Abraham, New York, N. Y. Utility scraper device. 109,334; Apr. 19.
- Petrochko, Raymond, Olyphant, Pa. Traffic signal. 110,646; July 26.
- Petterson, John P., Chicago, Ill. Spoon or other article of hardware. 110,647; July 26.
- Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Packer jar. 108,020; Jan. 18.
- Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Bottle. 108,795; Mar. 15.
- Petty, Fred J., Muncie, Ind., assignor to Godefroy Manufacturing Company, St. Louis, Mo. Bottle. 108,796; Mar. 15.
- Petzelt, Rudolph F., assignor to Master Doughnut Machine Company, Chicago, Ill. Doughnut forming apparatus. 110,849; Aug. 9.
- Petzold, William B., Pittsfield, Mass., assignor to Gorham Manufacturing Company, Providence, R. I. Lighting fixture grille. 111,214; Sept. 13.
- Pfautner, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Workstand or the like. 107,969; Jan. 18.
- Pfautner, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Workstand or the like. 107,970; Jan. 18.
- Pfautner, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Press or the like. 107,971; Jan. 18.
- Pfautner, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Jack. 109,498; May 3.
- Pfautner, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Jack. 109,499; May 3.
- Pfeffer, Felix, New York, N. Y. Bottle. 108,217; Feb. 1.
- Phelps Dodge Copper Products Corporation. (See Cawthra, Ernest H., assignor.)
- Philadelphia Metal Drying Form Company. (See Guggenheim, Paul, assignor.)
- Philco Radio and Television Corporation. (See McKinney, Robert N., assignor.)
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,797; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,798; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,799; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,800; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,801; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,802; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,803; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,804; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,805; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Combination brooch and clip. 108,806; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,807; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,808; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,809; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 108,810; Mar. 15.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Bracelet. 108,880; Mar. 22.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Bracelet. 108,881; Mar. 22.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Bracelet. 108,882; Mar. 22.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Bracelet. 108,883; Mar. 22.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Necklace. 108,884; Mar. 22.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Bracelet. 108,885; Mar. 22.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Bracelet. 108,886; Mar. 22.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 109,082; Mar. 29.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 110,290; June 28.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 110,291; June 28.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 110,292; June 28.
- Philippe, Alfred, assignor to Trifari, Krussman & Fischel, Inc., New York, N. Y. Pin clip. 110,293; June 28.
- Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace scarf or similar article. 111,083; Aug. 30.
- Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 111,084; Aug. 30.
- Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 111,085; Aug. 30.
- Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace scarf or similar article. 111,290; Sept. 13.
- Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 111,291; Sept. 13.
- Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. 111,292; Sept. 13.
- Phillips, John A., Englewood, N. J. Combination table and smoking stand. 110,710; Aug. 2.
- Phillips, John A., Englewood, N. J. Smoking stand. 110,819; Aug. 9.
- Phillips, Margaret B. (See Phillips, Walter T. and M. B.)
- Phillips, Walter T. and M. B., Louisville, Ky. Knee-high roller-conster. 109,335; Apr. 19.
- Phoenix Manufacturing Co. (See Franklin, Leo, as assignor.)
- Pichel, Irving, New York, N. Y. Handbag. 110,602; July 19.
- Pichel, Irving, New York, N. Y. Handbag. 110,603; July 19.
- Pichel, Irving, New York, N. Y. Handbag. 110,929; Aug. 16.
- Pichel, Irving, New York, N. Y. Handbag. 111,030; Aug. 23.
- Picrilli, Joseph, New York, N. Y. Metallic studded smoked textile fabric. 110,954; Aug. 9.



- Picirilli, Joseph, New York, N. Y. Embroidered fabric. 110,979; Aug. 23.
- Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,103; Jan. 25.
- Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,104; Jan. 25.
- Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,105; Jan. 25.
- Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,106; Jan. 25.
- Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,107; Jan. 25.
- Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,128; Jan. 25.
- Pierce, Frank L., assignor to The Hoover Company, North Canton, Ohio. Casing for a suction cleaner or similar article. 107,884; Jan. 11.
- Pig Peggy Company. (See MacDonald, Almon C., assignor.)
- Pilliod Cabinet Company, The. (See Pilliod, Thomas J., assignor.)
- Pilliod, Thomas J., assignor to The Pilliod Cabinet Company, Swanton, Ohio. Combined article container and display cabinet. 108,345; Feb. 8.
- Pilliod, Thomas J., assignor to The Pilliod Cabinet Company, Swanton, Ohio. Article display case. 108,580; Feb. 22.
- Pinaud Incorporated. (See Klotz, Francois, assignor.)
- Pinaud Incorporated. (See Makowsky, Jacques, assignor.)
- Pine, Jack. (See Weinstein, B., and Pine.)
- Pineau, Cleo F., Williamsport, Pa. Grille. 108,821; Mar. 15.
- Pipi, Michael, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Combined eraser and pencil tip. 108,887; Mar. 22.
- Pitman & Keeler. (See Pitman, L. R. E., and Keeler, assignors.)
- Pitman, La Roy E., and L. P. Keeler, assignors to Pitman & Keeler, Attleboro, Mass. Watch bracelet or the like. 110,820; Aug. 9.
- Pitt, Stanley A., Detroit, Mich. Christmas tree support. 108,297; Feb. 1.
- Pittsburgh Reflector Company. (See Hoeveler, John A., assignor.)
- Placco, Oscar, Cranston, R. I., assignor to Cohn Rosenberger, Inc., New York, N. Y. Bracelet chain or similar article. 111,086; Aug. 30.
- Placco, Oscar, Cranston, R. I., assignor to Cohn Rosenberger, Inc., New York, N. Y. Separable brooch. 111,087; Aug. 30.
- Planeta, Anthony W., Linden, N. J. Basket or like article. 112,645; Dec. 20.
- Plankinton, William W. (See Stevens, Clifford B., assignor.)
- Platner, Leon, New York, N. Y. Dress. 109,458; Apr. 26.
- Plouffe, Charles. (See Kirk, L. H., and Plouffe.)
- Plunkett, Henry P. (See Ebling, H. L., and Plunkett.)
- Podsen, Charles, Brooklyn, N. Y. Shirt. 112,564; Dec. 13.
- Poeter, Horace R., and H. E. Ormston, Washington, D. C., assignors to Electrical Testing Laboratories, New York, N. Y. Lamp base. 112,087; Nov. 8.
- Pohl, Ernest F., assignor to Steem-Electric Corporation, St. Louis, Mo. Steam-electric pressing iron. 112,129; Nov. 8.
- Pohl, Norman, Cedarhurst, N. Y. Dress. 108,984; Mar. 22.
- Pohli, Gustav, North Bergen, N. J. Watch. 111,613; Oct. 4.
- Pokol, Charles, Chicago, Ill. Beverage dispenser or the like. 108,627; Mar. 1.
- Police Radio Corporation. (See Levy, Sol J., assignor.)
- Pollak, Ernst, New York, N. Y. Bottle stopper. 111,993; Nov. 1.
- Pollard, John H., assignor of one-half to A. S. Baron and one-half to R. Burdick, Dallas, Tex. Display rack. 111,685; Oct. 11.
- Pollner, Benjamin, New York, N. Y. Knitted dress. 109,646; May 10.
- Pollock, Albert E., New York, N. Y. List finder. 110,007; June 7.
- Pollock, Morris, New York, N. Y. Plaque. 112,745; Dec. 27.
- Pomeranz, Jacob J., Brooklyn, N. Y. Lens strap. 108,703; Mar. 8.
- Pomeranz, Jacob J., Brooklyn, N. Y. Spectacle front. 110,259; June 28.
- Pomeranz, Jacob J., Brooklyn, assignor to T. & P. Optical Mfg. Co. Inc., New York, N. Y. Spectacle front. 109,673; May 10.
- Poncher, Louis S., assignor to Erie Manufacturing Company, Inc., Chicago, Ill. Vertical bumper. 111,521; Sept. 27.
- Pono, Marie, New York, N. Y. Dress ensemble. 107,932; Jan. 11.
- Pono, Marie, New York, N. Y. Dress. 108,145; Jan. 25.
- Pono, Marie, New York, N. Y. Dress. 108,160; Jan. 25.
- Pono, Marie, New York, N. Y. Dress. 108,401; Feb. 8.
- Pool, Noel E., and F. N. Curby, Salt Lake City, Utah. Combined lamp base and radio. 108,402; Feb. 8.
- Poortinga, Fred E., Willmar, Minn., assignor to Redfield Brick & Tile Company, Redfield, Iowa. Building block or similar article. 108,455; Feb. 15.
- Porcelain Products, Inc. (See Dalton, Rolland E., assignor.)
- Porkolab, Alfred, and B. M. Vecchio, Lorain, Ohio. Furnace lighter. 111,347; Sept. 20.
- Porpora, Mary, New York, N. Y. Dress. 109,969; May 31.
- Porpora, Mary, New York, N. Y. Dress. 110,220; June 21.
- Poster, Sidney J., New York, N. Y. Dress. 108,056; Jan. 18.
- Poster, Sidney J., New York, N. Y. Dress ensemble. 108,662; Mar. 1.
- Posture Research Corporation. (See Wood, Glenn D., assignor.)
- Pouliot, Wilfred A., Lowell, Mass. Badge or similar article. 109,151; Apr. 5.
- Povsner, Isadore M., assignor of one-half to W. G. King, Chicago, Ill. Combined flashlight and trouble finding device. 112,213; Nov. 15.
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 108,888; Mar. 22.
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 108,889; Mar. 22.
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 108,890; Mar. 22.
- Powell, Dwight, assignor to General Fireproofing Company, Youngstown, Ohio. Chair. 109,152; Apr. 5.
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 109,532; May 3.
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 109,729; May 17.
- Powell, John D. (See Harris, William E., assignor.)
- Powell, Robert V., Oakland, Calif. Combined electric razor and lighting means. 109,357; Apr. 19.
- Powell, Russell S., Takoma Park, Md. Fishing lure. 110,648; July 26.
- Powell, Wm., Company, The. (See Dom, Chesley, assignor.)
- Powers, George G., Chicago, Ill. Spring. 109,730; May 17.
- Prandy, Michael J. (See McMahon, H. E., Riley, and Prandy.)
- Pratt, Arthur J., assignor to American Optical Company, Southbridge, Mass. Case for ophthalmic mountings. 110,442; July 12.
- Pratt, Theodore, Glen Cove, and R. Schumacher, Jr., Bronx, N. Y.; said Schumacher assignor to said Pratt. Measuring spoon or similar article. 112,616; Dec. 20.
- Preece, Fred W., Toledo, Ohio. Putting game device. 111,910; Oct. 25.
- Premium Products Mfg. Co. (See Schober, Ray A., assignor.)
- Prentice, Thomas J., Piedmont, Calif. Automobile top aerial. 112,487; Dec. 6.
- Prentiss, Polly, Inc., et al. (See Asch, Leonard C., assignor.)
- Prentiss-Wabers Products Co. (See Thelen, Hjalmer E., assignor.)
- Presslaff, Murray, New York, N. Y. Blouse. 108,185; Jan. 25.
- Prest, Jane W. (See Brown, W. P., and Prest.)
- Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Bracelet chain. 108,891; Mar. 22.
- Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Bracelet chain. 109,336; Apr. 19.
- Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Watch bracelet. 109,337; Apr. 19.
- Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Watch bracelet. 109,338; Apr. 19.
- Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Corn popper. 107,885; Jan. 11.
- Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company. Fan propeller. 109,533; May 3.
- Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Fan propeller. 110,876; Aug. 16.
- Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine. 111,523; Sept. 27.
- Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine. 111,524; Sept. 27.
- Preston, Edwin H., Tampa, Fla. Wall plant pot. 111,522; Sept. 27.
- Presto-O-Lite Company, The. (See De Motte, Maurice P., assignor.)
- Prestyl, Sol, Brooklyn, N. Y. Coat. 110,588; July 19.
- Prestyl, Sol, Brooklyn, N. Y. Coat. 110,589; July 19.
- Prestyl, Sol, Brooklyn, N. Y. Coat. 110,660; July 26.
- Prestyl, Sol, Brooklyn, N. Y. Coat. 110,930; Aug. 16.
- Price, David W., New York, N. Y. Dress ensemble. 107,972; Jan. 18.
- Price, David W., New York, N. Y. Dress. 107,973; Jan. 18.



- Price, David W., New York, N. Y. Dress. 107,974; Jan. 18.
- Price, David W., New York, N. Y. Dress. 109,094; Mar. 29.
- Price, David W., New York, N. Y. Dress. 109,095; Mar. 29.
- Price, David W., New York, N. Y. Dress. 109,104; Mar. 29.
- Price, David W., New York, N. Y. Dress. 110,661; July 26.
- Price, David W., New York, N. Y. Dress. 111,644; Oct. 4.
- Price, David W., New York, N. Y. Dress. 111,919; Oct. 25.
- Price, David W., New York, N. Y. Dress. 112,025; Nov. 1.
- Price, David W., New York, N. Y. Dress. 112,237; Nov. 15.
- Price, David W., New York, N. Y. Dress. 112,322; Nov. 22.
- Price, David W., New York, N. Y. Dress. 112,488; Dec. 6.
- Price, James R., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 109,766; May 17.
- Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 112,130; Nov. 8.
- Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 112,310; Nov. 22.
- Price, Robert J., Uniontown, Pa. Ice cream dipper. 112,151; Nov. 15.
- Prigozen, Nathan, New York, N. Y. Coat. 110,688; July 26.
- Prigozen, Nathan, New York, N. Y. Coat. 108,870; Mar. 15.
- Prigozen, Nathan, New York, N. Y. Coat. 108,871; Mar. 15.
- Prime Manufacturing Company, The. (See Moore, Sidney A., assignor.)
- Productive Inventions, Inc. (See Anderson, John W., assignor.)
- Pro-phy-lac-tic Brush Company. (See Daelemans, George, assignor.)
- Pryale, Harry M., assignor to Baldwin Rubber Company, Pontiac, Mich. Stair tread. 112,720; Dec. 27.
- Pryne, Ralph, Los Angeles, Calif. Door knocker. 111,215; Sept. 13.
- Pryne, Ralph, Los Angeles, Calif. Door knocker. 111,216; Sept. 13.
- Pryne, Ralph, Los Angeles, Calif. Mail chute. 112,378; Nov. 29.
- Pugsley, Edwin, assignor to Winchester Repeating Arms Company, New Haven, Conn. Double barrel firearm. 108,985; Mar. 22.
- Quaker Lace Company. (See Miller, Walter C., assignor.)
- Quaker Lace Company. (See Otto, Ferdinand P., assignor.)
- Quaker Lace Company. (See Wolf, William, assignor.)
- Quality Brands, Inc. (See Steuer, Norman F., assignor.)
- Quartz, James, Newton, Mass. Box cover. 110,155; June 21.
- Quartz, James, Newton, Mass. Box cover. 110,877; Aug. 16.
- Queen, Kathryn, Cleveland, Ohio. Doll. 110,221; June 21.
- Quigley, David F., Brockton, Mass. Shoe. 110,821; Aug. 9.
- Rabbin, Edward, and F. Drucker, New York, N. Y. Bookmark. 111,589; Oct. 4.
- Rabito, Anthony, Elmhurst, N. Y., assignor to The State of Vermont. Tax stamp or similar article. 108,384; Feb. 8.
- Rabito, Anthony, Elmhurst, N. Y., assignor to The State of California. Tax stamp or similar article. 109,731; May 17.
- Rable, Hans E. A., assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Food chopper. 111,217; Sept. 13.
- Racicot, Albert, assignor to National Brush Company, Aurora, Ill. Scouring brush. 110,363; July 6.
- Rackmales, Samuel, Baltimore, Md. Pipe rack. 109,757; May 17.
- Radel, Aaron A., assignor to Master Venetian Blind Hardware Corporation, New York, N. Y. Cord tassel. 111,218; Sept. 13.
- Radio Corporation of America. (See Dewhurst, Wallace W., assignor.)
- Radio Corporation of America. (See Vassos, John, assignor.)
- Radtke, Adelbert C., Forest Park, and N. B. Spurgeon, River Forest, assignors to Sears, Roebuck and Co., Chicago, Ill. Portable air compressor. 112,721; Dec. 27.
- Radtke, Bruno, Libertyville, assignor to The Exhibit Supply Company, Chicago, Ill. Amusement game apparatus cabinet. 108,963; Mar. 22.
- Rainosa, Alice, New York, N. Y. Hat. 108,298; Feb. 1.
- Rainosa, Alice, New York, N. Y. Hat. 108,299; Feb. 1.
- Rainosa, Alice, New York, N. Y. Hat. 108,300; Feb. 1.
- Rainosa, Alice, New York, N. Y. Hat. 108,602; Feb. 22.
- Rainosa, Alice, New York, N. Y. Hat. 108,752; Mar. 8.
- Rambo, Ingar G. (See Uecker, R. A., Bently, and Rambo.)
- Ramsay, Warren A., Jersey City, N. J. Windshield defrosting device. 108,456; Feb. 15.
- Ramsay, William F., Kerrville, Tex. Combined rodent and insect exterminator. 111,994; Nov. 1.
- Rand, McNally & Company. (See Grows, Richard C., assignor.)
- Rand McNally & Company. (See Johnson, William E., assignor.)
- Ranke, Joseph A., Oshkosh, Wis. What-not. 111,571; Oct. 4.
- Ranko, Joseph M., New York, N. Y. Stool. 109,674; May 10.
- Raphael, Nathaniel W., South Orange, N. J. Bandstand. 108,704; Mar. 8.
- Rapidex Corporation. (See Ditty, Allan V., assignor.)
- Rapp, Samuel W. Jr., Morton, Ill. Lamp. 111,882; Oct. 25.
- Rathbun, Merrill L., Jamestown, N. Y. Jewelry box or similar article. 107,792; Jan. 4.
- Rathbun, Merrill L., Jamestown, N. Y. Jewelry box or similar article. 107,793; Jan. 4.
- Rathbun, Merrill L., Jamestown, N. Y. Jewelry box or similar article. 107,794; Jan. 4.
- Rauschenberg, Gerhardt H., Dalton, Ga. Bedspread. 108,403; Feb. 8.
- Rauscher, Fred W., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Rug or similar article. 111,686; Oct. 11.
- Rauser, Daniel M., Dixon, Ill. Signal lamp face plate. 111,206; Sept. 6.
- Rauser, Daniel M., Dixon, Ill. Signal lamp face plate. 111,207; Sept. 6.
- Ray, Frank T. (See Ritter, Isaac B., assignor.)
- Ray, Loyd W., and F. H. Wirtz, assignors to White Castle System, Inc., Columbus, Ohio. Gridle stand or the like. 109,732; May 17.
- Ray, William A., Glendale, Calif. Wall case for a thermostat or similar article. 110,878; Aug. 16.
- Ray, William A., Glendale, Calif. Wall case for a thermostat or similar article. 110,879; Aug. 16.
- Raymond, Arthur E., Santa Monica, and E. F. Burton, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane. 108,268; Feb. 1.
- Ray-O-Vac Company. (See Sandley, Clifford W., assignor.)
- Reardon, Harvey J., Oak Park, assignor to Classroom Laboratories, Inc., Chicago, Ill. Motion picture projector apparatus. 111,995; Nov. 1.
- Reardon, William H., Newark, N. J. Inclinator or the like. 110,980; Aug. 23.
- Rebhuhn, Anne, New York, N. Y. Dress. 109,594; May 3.
- Rebhuhn, Anne, New York, N. Y. Dress. 109,595; May 3.
- Rebhuhn, Anne, New York, N. Y. Dress. 110,317; June 28.
- Redfield Brick & Tile Company. (See Poortinga, Fred E., assignor.)
- Redman, Earl G., Huntington Park, Calif. Tumbler. 108,964; Mar. 22.
- Reed & Barton. (See Turner, George L., assignor.)
- Reed, Daniel E., assignor to Yankee Metal Products Corp., Norwalk, Conn. Electric switch unit. 112,131; Nov. 8.
- Reich, Max, Chicago, Ill. Dress ensemble. 111,938; Oct. 25.
- Reich, Max, Chicago, Ill. Dress ensemble. 111,941; Oct. 25.
- Reich, Max, Chicago, Ill. Dress ensemble. 112,026; Nov. 1.
- Reich, Samuel. (See Williams, Ruth, assignor.)
- Reich, Samuel, Chicago, Ill. Dress ensemble. 111,561; Sept. 27.
- Reichart, James H., Muncie, Ind. Sewing case or similar article. 109,733; May 17.
- Reid, Clarence W., Rochester, N. Y. Scraping tool. 108,131; Jan. 25.
- Reid, Walter W., Jr., Bloomfield, N. J. Label. 108,822; Mar. 15.
- Reiman, Paul, New York, N. Y. Textile fabric. 108,603; Mar. 1.
- Reiman, Paul, assignor to Chopak Textile Co. Inc., New York, N. Y. Textile fabric. 109,380; Apr. 19.
- Reiman, Paul, assignor to Chopak Textile Co. Inc., New York, N. Y. Textile fabric. 109,381; Apr. 19.
- Reiman, Paul, assignor to Chopak Textile Co. Inc., New York, N. Y. Textile fabric. 109,382; Apr. 19.
- Reiman, Paul, assignor to Chopak Textile Co. Inc., New York, N. Y. Textile fabric. 109,383; Apr. 19.
- Reiman, Paul, assignor to Chopak Textile Co. Inc., New York, N. Y. Textile fabric. 109,410; Apr. 26.
- Reinecke, Jean O. (See Barnes, J. E., Reinecke, and Johnson.)
- Reinecke, Jean O., Chicago, assignor to Meta Dewes Burge-weger, Winnetka, Ill. Advertising device or the like. 108,031; Jan. 18.
- Reinecke, Jean O., Chicago, assignor to Meta Dewes Burge-weger, Winnetka, Ill. Advertising device or the like. 108,035; Jan. 18.
- Reinecke, Jean O., Chicago, assignor to Meta Dewes Burge-weger, Winnetka, Ill. Advertising device or the like. 108,036; Jan. 18.
- Reinecke, Jean O., Chicago, Ill., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Tape dispenser. 109,930; May 31.



- Reinecke, Jean O., Chicago, Ill., assignor to Webster Electric Company, Racine, Wis. Phonograph tone arm. 111,219; Sept. 13.
- Reinecke, Jean O., assignor to Lion Manufacturing Corporation, Chicago, Ill. Coin operated machine casing. 112,180; Nov. 15.
- Reinecke, Jean O., and J. F. Barnes, assignors to McGraw Electric Company, Chicago, Ill. Tray. 112,176; Nov. 15.
- Reinecke, Jean O., and J. F. Barnes, assignors to McGraw Electric Company, Chicago, Ill. Tray. 112,177; Nov. 15.
- Reinecke, Jean O., and J. F. Barnes, assignors to McGraw Electric Company, Chicago, Ill. Tray. 112,178; Nov. 15.
- Reinecke, Jean O., and J. F. Barnes, assignors to McGraw Electric Company, Chicago, Ill. Jam dish. 112,179; Nov. 15.
- Reineman, Bernard, New York, N. Y. Fur toppler. 111,051; Aug. 23.
- Reinhard, John B., and L. J. Koch, Allentown, Pa. Air plane. 110,364; July 5.
- Reiss, Phil. (See Nable, M., and Reiss.)
- Remington Arms Company. (See Vassos, John, assignor.)
- Repenning, Albert E., Oak Park, assignor to Orange Crush Company, Chicago, Ill. Bottle. 110,731; Aug. 2.
- Ressegger, Lloyd E. (See Allen, G. N., Gerth, and Ressegger.)
- Ressegger, Lloyd E. (See Allen, G. N., Ressegger, and Fleming.)
- Restell, Madeleine, New York, N. Y. Robe. 112,565; Dec. 13.
- Reutter, Carl. (See Robinson, F. A., and Reutter.)
- Reylon Nail Enamel Corporation, The. (See Wilmet, Georges, assignor.)
- Rerson, Joseph, New York, N. Y. Bottle stand. 108,218; Feb. 1.
- Reynolds, Carl, Jr., assignor to General Motors Corporation, Detroit, Mich. Decorative plate for an automobile radiator grille or trunk. 112,214; Nov. 15.
- Reynolds, Edwin, Vineland, N. J. Liquid dropper or similar article. 109,459; Apr. 26.
- Reynolds, Edwin, Vineland, N. J. Stair tread holder or similar article. 109,619; May 10.
- Reynolds, Edwin, Vineland, N. J. Combined flower vase and bouquet holder or similar article. 111,663; Oct. 11.
- Reynolds, Edwin T., West Englewood, assignor to Lorr Laboratories, Inc., Paterson, N. J. Bottle or similar container. 110,034; June 7.
- Reynolds Metals Company. (See Johnson, Frank E., assignor.)
- Reynolds Metals Company. (See Sunderhauf, Frederick A., assignor.)
- Rhodes, Gilbert J., New York, N. Y. Combined display and order card. 110,400; July 5.
- Rhodes, M. H., Inc. (See Rhodes, Marcus H., assignor.)
- Rhodes, Marcus H., Hartford, Conn. Dial plate. 109,734; May 17.
- Rhodes, Marcus H., Hartford, Conn. Dial plate. 110,529; July 12.
- Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Parking meter. 112,684; Dec. 27.
- Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Valve regulator. 110,528; July 12.
- Rice, Paul L., et al. (See Glover, William L., assignor.)
- Rice, Sidney S., Jr., et al. (See Hafler, Lizzie, assignor.)
- Rice, William W., Chicago, Ill. Self-photographing apparatus. 111,614; Oct. 4.
- Rich, Philip, Oak Park, assignor of one-third to A. Tupler and one-third to C. Kaplan, Chicago, Ill. Vending machine. 110,497; July 12.
- Richards, Helen H., assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Pineapple slice. 112,412; Nov. 29.
- Richardson, Bayard E., and R. W. Willey, Grand Rapids, Mich. Desk. 111,220; Sept. 13.
- Richardson, Bayard E., and R. W. Willey, Grand Rapids, Mich. Desk. 111,221; Sept. 13.
- Richardson, Jean B., New York, N. Y. Combined chair, hook, and lamp. 111,911; Oct. 25.
- Richter, George E., Buffalo, N. Y. Display rack. 109,620; May 10.
- Richtmyer, Arthur R., Mamaroneck, N. Y., and M. J. Hinlein, Elkins Park, Pa. Belt. 111,615; Oct. 4.
- Ridenour, R. Bernard, assignor to The Hoff Manufacturing Company, Mansfield, Ohio. Cosmetic container. 109,358; Apr. 19.
- Rideout, John G., assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Space heater. 111,004; Aug. 23.
- Rielly, Joseph A., Forest Hills, N. Y. Combination undergarment. 110,662; July 26.
- Riley, Bernard J. (See McMahon, H. E., Riley, and Prandy.)
- Ring, Evelyn, assignor to M. Caplan, Boston, Mass. Chair pad cover. 109,621; May 10.
- Riordan, Joseph M., assignor to Gantner & Mattern Company, San Francisco, Calif. Coat. 110,059; June 7.
- Riordan, Joseph M., assignor to Gantner & Mattern Company, San Francisco, Calif. Coat. 110,663; July 26.
- Ripley, Duane L., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Diffuser for electric lighting fixtures. 112,537; Dec. 13.
- Ripley and Gowen Company. (See Anderson, Edward L., assignor.)
- Ritchie, Albert E., assignor to Wildroot Co., Inc., Buffalo, N. Y. Display rack. 110,498; July 12.
- Rittenhouse, A. E., Co., The. (See Rittenhouse, Lloyd, assignor.)
- Rittenhouse, A. E., Co., The. (See Rittenhouse, L., and Crossett, assignors.)
- Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 112,215; Nov. 15.
- Rittenhouse, Lloyd, Honeoye Falls, and S. M. Crossett, Rochester, assignors to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 112,088; Nov. 8.
- Ritter, Isaac B., assignor of one-half to F. T. Ray, Philadelphia, Pa. Antisiphoning trap for plumbing fixtures. 108,623; Mar. 1.
- Ritter, Saul, New York, N. Y. Bracelet chain. 110,099; June 14.
- Ritter, Saul, New York, N. Y. Bracelet chain. 110,222; June 21.
- Ritz-Woller, Oliver C., Chicago, Ill. Casing for a vanity mirror. 110,499; July 12.
- Ritz-Woller, Oliver C., Chicago, Ill. Illuminable mirror or similar article. 111,222; Sept. 13.
- Ritz-Woller, Oliver C., Chicago, Ill. Illuminable mirror or similar article. 111,223; Sept. 13.
- Ritz-Woller, Oliver C., Chicago, Ill. Illuminable mirror or similar article. 111,224; Sept. 13.
- Robbins, Franklin, assignor to New York Band Instrument Co., Inc., New York, N. Y. Accordion or similar article. 109,500; May 3.
- Robbins, Irwin M., Rockville Centre, N. Y. Vanity handbag. 109,534; May 3.
- Roberson, Willard D., New York, N. Y. Textile fabric. 112,132; Nov. 8.
- Roberson, Willard D., assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,842; Jan. 4.
- Roberson, Willard D., assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,843; Jan. 4.
- Roberts, George M., assignor to Continental Cushion Spring Company, Chicago, Ill. Child's chair. 112,045; Nov. 8.
- Roberts, Henry T., assignor to Seeburg Radio Corporation, Chicago, Ill. Combined radio and phonograph cabinet. 109,153; Apr. 5.
- Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Cabinet for phonograph or the like. 109,339; Apr. 19.
- Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Cabinet for phonograph or the like. 109,340; Apr. 19.
- Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Cabinet for phonograph or the like. 109,341; Apr. 19.
- Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Cabinet for a phonograph or the like. 110,880; Aug. 16.
- Robinson, Frank A., and C. Reutter, North Beverly, Mass. Illuminable traffic signal. 112,089; Nov. 8.
- Robinson, George B., Somerville, N. J. Card game accessory. 108,722; Mar. 8.
- Robinson, Harry, New York, N. Y. Champagne bucket. 107,795; Jan. 4.
- Robinson, Harry C., Chattanooga, Tenn. Casket flower holder. 110,260; June 28.
- Robinson, Hilyard R., Washington, D. C., and A. J. C. Knudstrup, Vienna, Va. Ceiling lamp. 112,216; Nov. 15.
- Robinson, Hilyard R., Washington, D. C., and A. J. C. Knudstrup, Vienna, Va. Floor lamp. 112,217; Nov. 15.
- Robinson, Hilyard R., Washington, D. C., and A. J. C. Knudstrup, Vienna, Va. Floor lamp. 112,218; Nov. 15.
- Robinson, Hilyard R., Washington, D. C., and A. J. C. Knudstrup, Vienna, Va. Street lamp. 112,646; Dec. 20.
- Robinson, Joseph, New York, N. Y. Electric vaporizer. 110,981; Aug. 23.
- Robinson Knife Co. (See Goodrich, Roy C., assignor.)
- Robinson, William W., assignor to McCallum & Robinson, Inc., Memphis, Tenn. Rug. 108,581; Feb. 22.
- Rochester Grills. (See Shale, J. H., and Voelker.)
- Rochester Manufacturing Company, The. (See Ford, George E., assignor.)
- Rodic, Ivan, New York, N. Y. Fireplace. 108,838; Mar. 15.
- Rockmore, Chas. I., Inc. (See Rockmore, Charles I., assignor.)
- Rockmore, Charles I., Inc., assignor to Chas. I. Rockmore, Inc., Brooklyn, N. Y. Shoe or similar article. 110,732; Aug. 2.
- Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 108,499; Feb. 15.
- Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Motor-scooter. 111,525; Sept. 27.
- Rock-Ola Manufacturing Corporation. (See Rockola, David C., assignor.)



- Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Societe Anonyme: Jaeger-Aviation, Levallois-Perret, Seine, France. Airplane landing wheel position indicator. 111,714; Oct. 11.
- Rodda, Edward J. (See Sims, W. O., and Rodda.)
- Rodgers Hydraulic Incorporated. (See Rodgers, James S., assignor.)
- Rodgers, James S., assignor to Rodgers Hydraulic Incorporated, Minneapolis, Minn. Portable press. 110,627; July 26.
- Roe, William C., assignor to The Colson Corporation, Elyria, Ohio. Velocipede. 111,996; Nov. 1.
- Roessner, William L., Denver, Colo. Fire extinguishing grenade. 112,538; Dec. 13.
- Rogers, Jackson D., Bay Village, Ohio. Chair or similar article. 109,230; Apr. 12.
- Rogers, Jackson D., Bay Village, Ohio. Chair or similar article. 109,420; Apr. 26.
- Rogers, Jackson D., Bay Village, Ohio. Chair or similar article. 109,421; Apr. 26.
- Rogers Peet Company. (See Forbell, Charles H., assignor.)
- Rogers, Sam T., Washington, D. C. Airship. 110,572; July 19.
- Rogers, Sam T., Washington, D. C. Airship. 110,573; July 19.
- Rogers, Sam T., Washington, D. C. Airship. 110,574; July 19.
- Rogers, Sam T., Washington, D. C. Submarine. 110,733; Aug. 2.
- Rogers, Sam T., Washington, D. C. Airship. 111,590; Oct. 4.
- Rohde, Carlos J., assignor to Interstate Button Company, New York, N. Y. Display easel. 108,457; Feb. 15.
- Rohrer, Mildred, New York, N. Y. Dress. 111,152; Sept. 6.
- Rohrer, Mildred, New York, N. Y. Dress. 112,032; Nov. 1.
- Rothner, Edward J., New York, N. Y. Radiator shield. 110,675; July 26.
- Rolfe, Nathan, New York, N. Y. Ensemble dress. 108,057; Jan. 18.
- Rolfe, Nathan, New York, N. Y. Ensemble dress. 108,686; Mar. 1.
- Roma Wine Company. (See Cella, Lorenzo, assignor.)
- Romberg, Harland G., Flagler, Colo. Sewing cabinet. 111,645; Oct. 4.
- Romer, Max L., New York, N. Y. Coat. 110,755; Aug. 2.
- Romer, Max L., New York, N. Y. Coat. 110,756; Aug. 2.
- Romer, Max L., New York, N. Y. Coat. 111,293; Sept. 13.
- Romer, Max L., New York, N. Y. Coat. 111,816; Oct. 18.
- Rominger, Herbert H., assignor to J. E. Harton, Oakland, Calif. Twine holder. 112,046; Nov. 8.
- Rona, Gustav G., Trenton, N. J., assignor to King Innovations, Incorporated, New York, N. Y. Handbag. 110,008; June 7.
- Rondeau, Oscar, Providence, R. I. Coat tree. 109,302; Apr. 19.
- Roper, Geo. D., Corporation. (See Pellegrin, Elmer D., assignor.)
- Roper, Geo. D., Corporation. (See Pellegrin, E. D., and Hall, assignors.)
- Roschen, William E., et al. (See Biva, Lucien, assignor.)
- Roschen, William E., et al., executors. (See Biva, Lucien.)
- Rose, Morris, and N. A. Judsen, assignors to Kellogg Switchboard & Supply Company, Chicago, Ill. Wall telephone set. 111,592; Oct. 4.
- Rose, Robert, Chicago, Ill., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reservoir desk stand or similar article. 111,153; Sept. 6.
- Rosen, Abraham S., New York, N. Y. Combined flag and staff. 111,572; Oct. 4.
- Rosen, Isidor S., Brooklyn, N. Y. Game board or similar article. 109,929; May 31.
- Rosen, M. Joseph, New York, N. Y. Handkerchief. 109,622; May 10.
- Rosenau Bros., Inc. (See Jerome, Hilda, assignor.)
- Rosenau Bros., Inc. (See Mullen, Mary, assignor.)
- Rosenberg, Abraham, Norwalk, assignor to Rosenberg Brothers Slipper Company, Inc., South Norwalk, Conn. Slipper. 109,853; May 24.
- Rosenberg Brothers Slipper Company. (See Rosenberg, Abraham, assignor.)
- Rosenberg, Eli. (See Ferrara, J. A., and Rosenberg.)
- Rosenberg, Harry, New York, N. Y. Handbag. 110,194; June 21.
- Rosenberg, Mandel, Chicago, Ill. Spraying unit. 111,591; Oct. 4.
- Rosenberg, William, New York, N. Y. Textile fabric. 107,844; Jan. 4.
- Rosenberg, William, New York, N. Y. Textile fabric. 108,664; Mar. 1.
- Rosenbluth, Max, New York, N. Y. Convertible evening dress. 112,469; Dec. 6.
- Rosenfeld, Robert, New York, N. Y. Negligee. 107,912; Jan. 11.
- Rosenfeld, Joseph, New York, N. Y. Tablecloth or similar article. 109,105; Mar. 29.
- Rosengren, Herbert, Woodcliff Lake, N. J., assignor to American Machine & Foundry Company. Mixing machine or similar article. 111,616; Oct. 4.
- Rosenkrantz, Philip, Brooklyn, N. Y. Knitted fabric. 110,931; Aug. 16.
- Rosenthal, Herman, Ansonia, Conn. Valve for flush tanks. 108,705; Mar. 8.
- Rosenthal, Justin J., Baltimore, Md. Illuminated sign frame. 109,232; Apr. 12.
- Rosenthal, Samuel W., New York, N. Y. Lamp. 110,935; June 7.
- Rosenthal, William, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassiere. 112,238; Nov. 15.
- Ross, David G., assignor to Welch's Candy, Limited, Los Angeles, Calif. Store front. 112,579; Dec. 13.
- Ross, Hugh J., Brooklyn, N. Y. Siphon head or similar article. 112,181; Nov. 15.
- Ross, Samuel, et al. (See Weiner, George H., assignor.)
- Ross, Walter, New York, N. Y. Textile fabric. 107,845; Jan. 4.
- Ross, Walter, New York, N. Y. Textile fabric. 108,037; Jan. 18.
- Ross, Walter, New York, N. Y. Textile fabric. 108,161; Jan. 25.
- Rossi, Rocco F., assignor to A. R. Hyde and Sons Co., Cambridge, Mass. Shoe. 110,734; Aug. 2.
- Rossi, Rocco F., assignor to A. R. Hyde and Sons Co., Cambridge, Mass. Shoe. 110,850; Aug. 9.
- Rost, Katheryn, New York, N. Y. Dress. 107,975; Jan. 18.
- Rost, Katheryn, New York, N. Y. Dress. 111,225; Sept. 13.
- Rost, Katheryn, New York, N. Y. Dress. 111,617; Oct. 4.
- Rost, Katheryn, New York, N. Y. Dress. 111,939; Oct. 25.
- Rost, Katheryn, New York, N. Y. Dress. 112,722; Dec. 27.
- Rotex Manufacturing Co. Inc. (See Loewy, Raymond, assignor.)
- Roth, Emanuel, New York, N. Y. Lace collar. 110,908; Aug. 16.
- Roth, Emanuel, New York, N. Y. Lace collar. 110,909; Aug. 16.
- Roth, Emanuel, New York, N. Y. Lace collar. 110,910; Aug. 16.
- Roth, Henry J., assignor to Eberhard Faber Pencil Co., Brooklyn, N. Y. Pencil. 109,231; Apr. 12.
- Roth, Henry J., assignor to Eberhard Faber Pencil Co., Brooklyn, N. Y. Pencil tip. 109,816; May 24.
- Roth, Henry J., assignor to Eberhard Faber Pencil Co., Brooklyn, N. Y. Pencil tip. 109,817; May 24.
- Roth, Isadore, St. Louis, Mo. Dress. 111,940; Oct. 25.
- Roth, Isadore, St. Louis, Mo. Dress. 112,033; Nov. 1.
- Roth, Lester B., Prophetstown, Ill. Power lawn mower. 112,379; Nov. 29.
- Rothenberg, Harry, Norwood, N. J., and L. C. Grimsley, Jackson Heights, N. Y. Flashlight casing. 109,758; May 17.
- Rothenberg, Ludwig, New York, N. Y. Dress. 110,223; June 21.
- Rothschild, Maurice L., Incorporated. (See Wolfe, Helen, assignor.)
- Rowley, Charles A., Los Angeles, Calif. Egg beater or similar article. 109,647; May 10.
- Rowton, Charles H., assignor to The American Legion Department of Florida, Inc., Palatka, Fla. Badge. 110,009; June 7.
- Royal Metal Manufacturing Company. (See Deskey, Donald, assignor.)
- Royle, Vernon E., Paterson, N. J. Heddle for circular looms. 2,132,245; Oct. 4.
- Roysher, Hudson B. (See Tammien, G. W., and Roysher.)
- Rubel, Max, New York, N. Y. Hammering tool. 110,735; Aug. 2.
- Rubel, Max, New York, N. Y. Table lamp. 112,705; Dec. 27.
- Rubin, Herbert, New York, N. Y. Snap lock for a bag or similar article. 109,623; May 10.
- Rubin, Louis E., Lexington, Mass. Combined magazine and newspaper rack or similar article. 109,154; Apr. 5.
- Rubinstein, Helena, Inc. (See Kane, Martine, assignor.)
- Rubinstein, Helena, Inc. (See Nuckols, Walter, assignor.)
- Ruby, Walter, Long Beach, Long Island, N. Y. Combination pencil, corkscrew, and bottle opener. 109,879; May 31.
- Ruchman, Albert, New York, N. Y. Embroidered fabric. 108,413; Feb. 8.
- Ruchman, Albert, New York, N. Y. Dress. 111,646; Oct. 4.
- Rudderforth, James R. (See Carter, W. H., and Rudderforth.)
- Ruch, Theodore O., assignor to The Sherman-Klave Co., Chicago, Ill. Combined work bench and tool cabinet. 111,860; Oct. 25.
- Rufeisen, Henry, Newark, N. J. Gem setting for a ring. 108,551; Feb. 22.
- Rundles, Earl, Cincinnati, Ohio. Toy projector gun. 112,090; Nov. 8.
- Rumrill, Garland D., Seattle, Wash. Bottle. 111,226; Sept. 13.
- Russell, John E., Scranton, Pa. Photograph card mount. 111,795; Oct. 13.



- Russell, Linus E., assignor to Peters and Russell, Inc., Springfield, Ohio. Vehicle guard. 111,687; Oct. 11.
- Russell, Linus E., assignor to Peters and Russell, Inc., Springfield, Ohio. Vehicle guard. 111,688; Oct. 11.
- Russo, Giuseppe, New York, N. Y. Vehicle body. 112,647; Dec. 20.
- Russum, Eula L., Washington, D. C. Rug. 108,246; Feb. 1.
- Rutenber Electric Company. (See Goldthwaite, Robert S., assignor.)
- Rutsch, William E., Teaneck, and O. Schulze, North Bergen, N. J., assignors to The American Fabrics Company, Bridgeport, Conn. Table scarf or similar article. 112,566; Dec. 13.
- Ryan, Cyril C., East Hempstead, N. Y. Textile fabric. 108,768; Mar. 8.
- Ryan, Cyril C., East Hempstead, N. Y. Textile fabric. 108,839; Mar. 15.
- Ryan, Cyril C., New York, N. Y. Textile fabric. 109,280; Apr. 12.
- Ryan, Cyril C., New York, N. Y. Textile fabric. 109,281; Apr. 12.
- Ryan, Cyril C., New York, N. Y. Textile fabric. 109,303; Apr. 19.
- Ryan, Cyril C., New York, N. Y. Textile fabric. 109,439; Apr. 26.
- Ryan, Cyril C., New York, N. Y. Textile fabric. 109,460; Apr. 26.
- Rzadkowsky, Anthony, assignor to General Beverage Corporation, Detroit, Mich. Bottle. 111,031; Aug. 23.
- Saaty, Theodore N., Providence, R. I., assignor to The Screw Machine Products Corporation. Telephone cabinet. 109,648; May 10.
- Sabel, Harry, New York, N. Y. Mirror frame. 111,861; Oct. 25.
- Saccal, Oscar A., Brooklyn, N. Y. Slipper. 110,071; June 14.
- Saccal, Oscar A., Brooklyn, N. Y. Slipper. 110,072; June 14.
- Saccal, Oscar A., Brooklyn, N. Y. Slipper. 110,073; June 14.
- Sachs, Carlton S., Bronx, assignor to The Glemby Company, Inc., New York, N. Y. Sunglasses. 109,461; Apr. 26.
- Safeway Stores, Inc. (See Street, Guy F., Jr., assignor.)
- Sage, Peggy, Inc. (See Marshburn, P. W., and Leydenfrost, assignors.)
- St. Thomas, William, assignor to E. J. Wilkins Co., Gloversville, N. Y. Billfold. 108,251; Feb. 1.
- Sakier, George, New York, N. Y., assignor to Fostoria Glass Company, Moundsville, W. Va. Goblet or similar article. 108,219; Feb. 1.
- Sakier, George, New York, N. Y., assignor to Fostoria Glass Company, Moundsville, W. Va. Plate or similar article. 109,901; May 31.
- Salomon, Irving, Chicago, Ill. Chair. 109,422; Apr. 26.
- Salomon, Irving, Chicago, Ill. Chair. 109,423; Apr. 26.
- Salomon, Irving, Chicago, Ill. Chair. 109,424; Apr. 26.
- Salomon, Irving, Chicago, Ill. Chair. 109,425; Apr. 26.
- Salomon, Irving, Chicago, Ill. Costumer. 109,501; May 3.
- Salomon, Irving, Chicago, Ill. Millinery table. 109,502; May 3.
- Salomon, Irving, Chicago, Ill. Table. 109,790; May 17.
- Salomon, Irving, Chicago, Ill. Chair. 110,365; July 5.
- Salomon, Irving, Chicago, Ill. Manicure table. 110,401; July 5.
- Salomon, Irving, Chicago, Ill. Settee. 110,676; July 26.
- Salomon, Irving, Chicago, Ill. Chair. 111,032; Aug. 23.
- Salomon, Irving, Chicago, Ill. Portable bar. 112,242; Nov. 22.
- Salt, Lloyd B., Chestnut Hill, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Vacuum cleaner. 111,689; Oct. 11.
- Salzberg, Benjamin, New York, N. Y. Decorative nail. 110,628; July 26.
- Salzberg, Benjamin, New York, N. Y. Decorative nail. 110,629; July 26.
- Salzberg, Benjamin, New York, N. Y. Decorative nail. 110,630; July 26.
- Salzberg, Benjamin, New York, N. Y. Decorative nail. 111,088; Aug. 30.
- Samuels, Abraham, New York, N. Y. Dress. 111,920; Oct. 25.
- Samuels, Abraham, New York, N. Y. Dress. 111,921; Oct. 25.
- Samuelson, Otto H., assignor to Fairmount Glass Works, Incorporated, Indianapolis, Ind. Bottle. 112,219; Nov. 15.
- Sand, John, Newark, N. J. Bracelet chain. 110,402; July 5.
- Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 108,893; Mar. 22.
- Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 108,894; Mar. 22.
- Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 108,895; Mar. 22.
- Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 108,896; Mar. 22.
- Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 109,342; Apr. 19.
- Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 109,523; May 3.
- Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 109,736; May 17.
- Sanders, James J., Nashville, Tenn. Pencil. 110,467; July 12.
- Sandhaus, Abraham E., Kansas City, Mo. Vending machine. 110,550; July 19.
- Sandley, Clifford W., Madison, Wis., assignor to Ray-O-Vac Company. Illuminated coin tray. 112,152; Nov. 15.
- Sandquist, Harold I., Jamestown, N. Y. Ashtray or the like. 112,380; Nov. 29.
- Sands, Garry, Cleveland Heights, assignor to The Sands Manufacturing Company, Cleveland, Ohio. Water heating apparatus. 108,706; Mar. 8.
- Sands Manufacturing Company, The. (See Sands, Garry, assignor.)
- Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Combined tooth brush and tumbler holder. 108,552; Feb. 22.
- Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Soap holder or similar article. 111,328; Sept. 20.
- Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Towel rack or similar article. 111,997; Nov. 1.
- San Francisco Bay Exposition. (See Brown, Arthur, Jr., assignor.)
- Sanicut Mfg. Co. (See Pershall, Ralph H., assignor.)
- Sanitary Sugar Bowl Company, The. (See Hart, William A., assignor.)
- Santoro, Pasquale A., New York, N. Y. Dress. 112,502; Dec. 6.
- Santoro, Pasquale A., New York, N. Y. Dress. 112,665; Dec. 20.
- Sarg, Tony, New York, N. Y. Scarf or similar article. 111,731; Oct. 11.
- Sargent & Company. (See Gerard, Frank B., assignor.)
- Saslow, Joseph. (See Harnick, H., and Saslow.)
- Sauer, C. F., Company. (See Sauer, Conrad F., Jr., assignor.)
- Sauer, Conrad F., Jr., assignor to C. F. Sauer Company, Richmond, Va. Jar. 112,381; Nov. 29.
- Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Clearance lamp or the like for motor vehicles. 109,426; Apr. 26.
- Saunders, Thomas D., Dunbar, W. Va., assignor to Dunbar Glass Corporation. Tumbler or similar article. 109,675; May 10.
- Saunders, Thomas D., Dunbar, W. Va., assignor to Dunbar Glass Corporation. Tumbler or similar article. 109,676; May 10.
- Savage, Edward S., Rochester, N. Y. Figure toy. 111,796; Oct. 18.
- Savaglio, Anthony, Chicago, Ill. Bracket for supporting an electric iron and cord. 108,649; Mar. 1.
- Sayford, Frank M., Co. (See Miller, Donald C., assignor.)
- Sayford, Frank M., Co. (See Miller, Donald C., assignor.)
- Sayford, Frank M., Co. (See Grimsdale, Thomas T., assignor.)
- Scarratt, Albert W., Kenilworth, and T. H. Koeber, Chicago, Ill., assignors to International Harvester Company. Tractor. 111,154; Sept. 6.
- Scarratt, Albert W., Kenilworth, and T. H. Koeber, Chicago, Ill., assignors to International Harvester Company. Tractor. 111,155; Sept. 6.
- Scarratt, Albert W., Kenilworth, and T. H. Koeber, Chicago, Ill., assignors to International Harvester Company. Tractor. 111,156; Sept. 6.
- Schachter, Max F., New York, N. Y. Candelabrum. 110,631; July 26.
- Schaeffer, Jacob H., Brooklyn, N. Y. Ring mounting. 109,737; May 17.
- Schaeffer, Jacob H., Brooklyn, assignor to Shiman Brothers & Company, Inc., New York, N. Y. Wedding ring. 109,304; Apr. 19.
- Schaeffer, Jacob H., Brooklyn, assignor to Shiman Brothers & Company, Inc., New York, N. Y. Finger ring. 109,305; Apr. 19.
- Schaeffer, Jacob H., Brooklyn, assignor to Shiman Bros. & Co., Inc., New York, N. Y. Wedding ring. 109,306; Apr. 19.
- Schaeffer, Jacob H., Brooklyn, assignor to Shiman Bros. & Co., Inc., New York, N. Y. Ring mounting. 109,307; Apr. 19.
- Schaeffer, Jacob H., Brooklyn, N. Y. Jewelry setting or similar article. 112,293; Nov. 22.
- Schaffer, Edward A., Springfield, assignor to Hampden Specialty Products, Inc., Easthampton, Mass. Table or like article. 109,503; May 3.
- Schaffer, Edward A., Springfield, assignor to Hampden Specialty Products, Inc., Easthampton, Mass. Table or like article. 109,504; May 3.
- Schaffer, Edward A., Springfield, assignor to Hampden Specialty Products, Inc., Easthampton, Mass. Table or like article. 109,505; May 3.
- Shakne, Harry T., New York, N. Y. Dress. 110,224; June 21.
- Schanzer, Knute, New York, N. Y. Hat. 112,413; Nov. 29.
- Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Casing for an electric shaver. 111,573; Oct. 4.
- Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric shaver. 111,574; Oct. 4.



- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Radial drill. 112,666; Dec. 20.
- Schein, Samuel, Brooklyn, N. Y. Perfume bottle. 109,767; May 17.
- Schein, Samuel, Brooklyn, N. Y. Display stand for perfume bottles or the like. 110,305; June 28.
- Scheinberg, Isidore, Baltimore, Md. Portable lamp. 110,195; June 21.
- Scheinwald, Martin H., New York, N. Y. Sweater. 108,404; Feb. 8.
- Scheinwald, Martin H., New York, N. Y. Bolero sweater. 109,027; Mar. 29.
- Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,267; Sept. 13.
- Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,268; Sept. 13.
- Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,269; Sept. 13.
- Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,270; Sept. 13.
- Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Textile fabric or similar article. 111,271; Sept. 13.
- Scheiwiller, Robert, Union City, N. J., assignor to Ellen Lace & Embroidery Co., Inc., New York, N. Y. Lace capelet or similar article. 111,272; Sept. 13.
- Schelhammer, Herman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Comb. 108,347; Feb. 8.
- Schelhammer, Herman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Comb. 108,348; Feb. 8.
- Scheuer, Sidney, New York, N. Y. Bracelet or similar article. 108,707; Mar. 8.
- Schiaparelli, Elsa, Paris, France. Face powder box. 107,796; Jan. 4.
- Schiff, Henry T., Chicago, Ill. Shaving implement. 109,624; May 10.
- Schiffmann, Robert P., Chicago, Ill. Game board. 108,986; Mar. 22.
- Schildknecht, Paul, Los Angeles, Calif. Combined cigarette snuffer and tray. 112,539; Dec. 13.
- Schlappritzi, Edward W., Minneapolis, Minn. Bedspring. 112,047; Nov. 8.
- Schleimer, Floyd V., assignor to Duart Manufacturing Company, Ltd., San Francisco, Calif. Hair waving machine. 109,072; Mar. 29.
- Schleimer, Floyd V., assignor to Duart Manufacturing Co. Ltd., formerly Pacific Hair Goods Company, San Francisco, Calif. Hair waving machine. 109,155; Apr. 5.
- Schleimer, Floyd V., assignor to Duart Manufacturing Co. Ltd., formerly Pacific Hair Goods Company, San Francisco, Calif. Base for hair waving machines. 109,233; Apr. 12.
- Schleimer, Floyd V., assignor to Duart Manufacturing Co. Ltd., formerly Pacific Hair Goods Company, San Francisco, Calif. Combined pedestal head and housing for hair waving machines. 109,234; Apr. 12.
- Schleimer, Floyd V., assignor to Duart Manufacturing Company, Ltd., formerly Pacific Hair Goods Company, Ltd., San Francisco, Calif. Combined hood and casing for a hair and scalp steamer. 111,551; Sept. 27.
- Schlenker, Max, La Salle, Ill., assignor to General Time Instrument Corporation, New York, N. Y. Clock casing. 110,124; June 14.
- Schlessel, Philip, New York, N. Y. Dress. 108,162; Jan. 25.
- Schlessel, Philip, New York, N. Y. Dress. 108,270; Feb. 1.
- Schlessel, Philip, New York, N. Y. Dress. 108,687; Mar. 1.
- Schlessel, Philip, New York, N. Y. Dress. 109,000; Mar. 22.
- Schlessel, Philip, New York, N. Y. Dress ensemble. 109,860; May 24.
- Schlessel, Philip, New York, N. Y. Cape. 109,941; May 31.
- Schlessel, Philip, New York, N. Y. Dress ensemble. 110,036; June 7.
- Schlessel, Philip, New York, N. Y. Dress. 111,715; Oct. 11.
- Schlessel, Philip, New York, N. Y. Dress. 111,922; Oct. 25.
- Schmalz, William F., Rockville, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Container. 110,649; July 26.
- Schmid, Albert A. (See Hansen, S. L., Olsen, and Schmid.)
- Schmidt, Albert P. (See Kranz, P., and Schmidt.)
- Schmidt, Albert, assignor to Champ Products Corporation, Union City, Ind. Toilet case. 112,723; Dec. 27.
- Schmidt, Paul H., Milwaukee, Wis. Knitted cap. 111,716; Oct. 11.
- Schmidt, William B., Chicago, Ill. Park train body. 110,403; July 5.
- Schmitt, Frank J., San Diego, Calif. Bench. 112,182; Nov. 15.
- Schneider, Walter C., assignor to Motor Wheel Corporation, Lansing, Mich. Heater. 108,753; Mar. 8.
- Schneider, Frederick H. E., Stuttgart, Germany, assignor to The Bauer Type Foundry, Inc., New York, N. Y. Printing type font. 110,851; Aug. 9.
- Schneider, Frederick H. E., Stuttgart, Germany, assignor to The Bauer Type Foundry, Inc., New York, N. Y. Printing type font. 111,552; Sept. 27.
- Schober, Ray A., assignor to Premium Products Mfg. Co., Chicago, Ill. Lamp. 110,196; June 21.
- Schoenhut, O., Incorporated. (See Panhorst, Paul, assignor.)
- Scholl, Harry S., Chicago, Ill., assignor to F. H. Hill Company, Inc., Cleveland, Ohio. Burial casket shell. 111,999; Nov. 1.
- Scholl, Harry S., Chicago, Ill., assignor to F. H. Hill Company, Inc., Cleveland, Ohio. Burial casket shell. 112,000; Nov. 1.
- Schrader, Thomas O., Allentown, assignor to The Dent Hardware Company, Fullerton, Pa. Hinge. 111,157; Sept. 6.
- Schroeder, Apollonia M., Kansas City, Mo. Bath mitt. 112,239; Nov. 15.
- Schubart, Henry A., Ossining, N. Y. Textile fabric. 110,500; July 12.
- Schuessler, L. Ray. (See Hamilton, Francis C., assignor.)
- Schuhmann, Richard L., assignor to American Duplex Co., Louisville, Ky. Coffee mill. 108,965; Mar. 22.
- Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 108,221; Feb. 1.
- Schultz, Henry, Brooklyn, N. Y. Dress. 110,135; June 14.
- Schultz, William L., New York, N. Y. Toilet bottle. 110,881; Aug. 16.
- Schulz, Arthur P. (See Teller, J., and Schulz.)
- Schulz, Arthur P., Michigan City, Ind., assignor to G. & J. Teller, Chicago, Ill. Combination refrigerator and serving table. 111,158; Sept. 6.
- Schulze, Otto. (See Rutsch, V. E., and Schulze.)
- Schumacher, Edward G., Buffalo, N. Y. Board for playing the game of quoits. 110,366; July 5.
- Schumacher, Louis, Brooklyn, N. Y. Combination handbag and doll holder. 110,822; Aug. 9.
- Schumacher, Louis, Brooklyn, N. Y. Combination handbag and whistle. 111,329; Sept. 20.
- Schumacher, Rudolph, Jr. (See Pratt, T., and Schumacher.)
- Schumann, Joseph M., Manhattan Beach, Calif. Combined light and cover plate for electric razors. 110,823; Aug. 9.
- Schurer, Jack, New York, N. Y. Coat. 110,664; July 26.
- Schurer, Jack, New York, N. Y. Coat. 110,665; July 26.
- Schurer, Jack, New York, N. Y. Coat. 110,836; Aug. 9.
- Schurer, Jack, New York, N. Y. Coat. 110,837; Aug. 9.
- Schurer, Jack, New York, N. Y. Coat. 110,838; Aug. 9.
- Schurer, Jack, New York, N. Y. Coat. 111,618; Oct. 4.
- Schumm, Robert E. (See Kirkby, R. J., Gracey, Schumm, and Hansen.)
- Schutt, William A., Litchfield, Ill. Play ball goal. 110,225; June 21.
- Schutz, Thomas A., Chicago, Ill., assignor to Parke, Davis & Company, Detroit, Mich. Display case. 111,912; Oct. 25.
- Schwab, David E., New York, N. Y. Scarf or similar article. 111,498; Sept. 27.
- Schwankhaus, Paul A., assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. 111,817; Oct. 18.
- Schwankhaus, Paul A., assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. 112,618; Dec. 20.
- Schwartz, Harold H., Mill Valley, Calif. Ice cream cone. 111,664; Oct. 11.
- Schwartz, Josephine, New York, N. Y. Dress ensemble. 109,187; Apr. 5.
- Schwartz, Josie, New York, N. Y. Dress. 108,188; Apr. 5.
- Schwartz, Peter S., New York, N. Y. Textile fabric. 108,021; Jan. 18.
- Schwartz, Sallie S., New York, N. Y. Dress. 107,933; Jan. 11.
- Schwartz, Walter, New York, N. Y. Heel. 109,427; Apr. 26.
- Schwartz, Walter, New York, N. Y. Heel. 109,428; Apr. 26.
- Schwartzmann, Harry, New York, N. Y. Photo print drier. 112,619; Dec. 20.
- Schwendler, Carl, Winfield, Long Island, assignor to National Casket Co. Inc., Long Island City, N. Y. Casket. 111,862; Oct. 25.
- Scott, Ernest R., Oklahoma City, Okla. Automobile door awning. 109,106; Mar. 29.
- Scott, Fred, Pontiac, Ill. Monument. 109,568; May 3.
- Scott Paper Company. (See Scott, Burton E., assignor.)
- Seofen, William W., Terre Haute, Ind. Combined dial and hands for a clock or similar article. 110,736; Aug. 2.
- Seovill Manufacturing Company. (See Clemmons, Herbert D., assignor.)
- Seovill Manufacturing Company. (See Donahue, Patrick F., assignor.)
- Seovill Manufacturing Company. (See Tobler, John H., assignor.)
- Seranton Lace Company, The. (See Erhard, Gustave F., assignor.)
- Sew Machine Products Corporation, The. (See Saaty, Theodore N., assignor.)



- Scurlock, Lewis H., Chicago, Ill. Fruit juice extractor. 110,074; June 14.
- Sea, Philip N., Chicago, Ill. Tobacco ash receptacle. 110,367; July 5.
- Sears, Roebuck and Co. (See Loewy, Raymond, assignor.)
- Sears, Roebuck and Co. (See Morgan, John R., assignor.)
- Sears, Roebuck and Co. (See Radtke, A. C., and Spurgeon, assignors.)
- Seaver, William, Auburndale, Mass. Translucent candle. 111,775; Oct. 18.
- Seavey, William L., Berkeley, Calif. Garment hanger. 111,665; Oct. 11.
- Seavey, William L., Berkeley, Calif. Garment hanger. 111,666; Oct. 11.
- Secan, Martin, Highland Park, Mich. Combination ash-tray and match box holder. 111,110; Aug. 30.
- Secan, Martin, Highland Park, Mich. Ashtray. 111,227; Sept. 13.
- Sedlack, Joseph, Cleveland, Ohio. Electric grill assembly unit. 109,282; Apr. 12.
- Seeburg, J. P., Corporation. (See Roberts, Henry T., assignor.)
- Seeburg Radio Corporation. (See Miller, Nels A., assignor.)
- Seidel, Martin, Bogota, N. J. Embroidered lace. 111,842; Oct. 18.
- Seidel, Martin, Bogota, N. J. Embroidered lace. 111,843; Oct. 18.
- Selby Shoe Co., The. (See Benton, Wallace H., assignor.)
- Seller, M., Company. (See Styskel, Edward C., assignor.)
- Seltzer, Leo A., Portland, Oreg. Appliqué emblem or similar article. 110,650; July 26.
- Selznick International Pictures, Inc. (See Mey, Marcel, assignor.)
- Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone hand-set-mounting. 108,022; Jan. 18.
- Sennert, Doris, New York, N. Y. Dress. 111,923; Oct. 25.
- Seversky Aircraft Corporation. (See de Seversky, Alexander P., assignor.)
- Sexton, George A., Winchester, Mass. Can or similar container. 110,501; July 12.
- Seyferth, Carl G., Muskegon, Mich. Landing gear. 111,330; Sept. 20.
- Shaffer, Benjamin, Mansfield, Ohio, assignor to Dominion Electrical Manufacturing Company. Electric heater. 109,073; Mar. 29.
- Shale, J. Harry and L. C. Voelker, said Voelker assignor to said Shale, doing business as Rochester Grills, Rochester, N. Y. Building. 111,667; Oct. 11.
- Shalhoub, Violette, New York, N. Y. Dress. 109,189; Apr. 5.
- Shamyer, George H., New York, N. Y. Doily or similar article. 110,318; June 28.
- Shane, Jack, New York, N. Y. Dress. 107,797; Jan. 4.
- Shanklin Manufacturing Company. (See Horsley, James H., assignor.)
- Shanzer, Max, New York, N. Y. Shoe. 108,500; Feb. 15.
- Shapiro & Aronson. (See Holmes, James T., assignor.)
- Shapiro, Benjamin, Brooklyn, N. Y. Dress. 108,058; Jan. 18.
- Shapiro, Benjamin, New York, N. Y. Dress. 111,562; Sept. 27.
- Shapiro, Morris, Los Angeles, Calif. Glass or similar article. 108,220; Feb. 1.
- Shapiro, Morris, Los Angeles, Calif. Glass or similar article. 109,535; May 3.
- Shapiro, Robert, New York, N. Y. Toilet dressing hanger. 110,197; June 21.
- Shapiro, Samuel, New York, N. Y. Glove. 108,515; Feb. 15.
- Shapiro, Samuel, New York, N. Y. Glove. 108,603; Feb. 22.
- Shapiro, Samuel S., New York, N. Y. Textile fabric. 112,220; Nov. 15.
- Shaw Paper Box Company. (See Logan, Dougald, assignor.)
- Sheaffer, W. A., Pen Company. (See Fish, N. D., and Oehler, assignors.)
- Sheaffer, W. A., Pen Company. (See Rose, Robert, assignor.)
- Shedlin, Nan S., New York, N. Y. Dress. 108,194; Jan. 25.
- Shedlin, Nan S., New York, N. Y. Dress. 108,195; Jan. 25.
- Shedlin, Nan S., New York, N. Y. Dress. 108,196; Jan. 25.
- Sheer, Ida, New York, N. Y. Dress. 109,596; May 3.
- Sheer, Ida, New York, N. Y. Dress. 109,597; May 3.
- Sheet Polarizer Company. (See Alcott, John E., assignor.)
- Sheindelman, Samuel, New York, N. Y. Sweater ensemble. 110,575; July 19.
- Sheindelman, Samuel, New York, N. Y. Sweater ensemble. 110,576; July 19.
- Shell, Elizabeth, Festus, Mo. Dress. 112,667; Dec. 20.
- Shell, Elizabeth, Festus, Mo. Hat. 112,724; Dec. 27.
- Shenango Pottery Company. (See Barkby, Harry, assignor.)
- Shepard, Dorothy, Providence, R. I., assignor to Electrical Testing Laboratories, New York, N. Y. Combined base and column for lamps. 112,091; Nov. 8.
- Sherlock, Ralph H., Berwyn, assignor to Hubbard Spool Company, Chicago, Ill. Direction indicating lamp or similar article. 109,028; Mar. 29.
- Sherman, Jacob S., Chicago, Ill. Lamp. 109,029; Mar. 29.
- Sherman-Klove Co., The. (See Rueb, Theodore O., assignor.)
- Shields, Charles J., San Jose, Calif. Horse-trailer body. 111,717; Oct. 11.
- Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Jewelry box. 110,125; June 14.
- Shiman Bros. & Co., Inc. (See Schaeffer, Jacob H., assignor.)
- Shinner, Ernest G., assignor to Air-O-Lite Corporation, Chicago, Ill. Combined lamp and fan or similar article. 108,553; Feb. 22.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 107,798; Jan. 4.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 107,799; Jan. 4.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,443; July 12.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,444; July 12.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,445; July 12.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,446; July 12.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,447; July 12.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,448; July 12.
- Sholtz, Leo, New York, N. Y. Shoe or similar article. 110,982; Aug. 23.
- Shorser, Isidor J., West New York, N. J. Embroidered textile fabric. 108,582; Feb. 22.
- Shotland, Abraham, New York, N. Y. Coat. 111,499; Sept. 27.
- Shotland, Abraham, New York, N. Y. Coat. 112,133; Nov. 8.
- Shotland, Abraham, New York, N. Y. Coat. 112,134; Nov. 8.
- Shotland, Abraham, New York, N. Y. Coat. 112,668; Dec. 20.
- Showers, Della, Long Island, N. Y. Blouse. 108,987; Mar. 22.
- Shulman, Herman, Brooklyn, N. Y. Lamp. 110,423; July 5.
- Shulman, Herman, Brooklyn, N. Y. Combination lamp and smoker's unit. 112,382; Nov. 29.
- Shultz, Louis, Red Rock, Okla. Grave marker. 112,617; Dec. 20.
- Shurak, Harry, New York, N. Y. Slipper. 109,625; May 10.
- Shyvers, Ken C., Chicago, Ill. Coin control device. 112,620; Dec. 20.
- Shyvers, Ken C., Chicago, Ill. Combination coin control device and mounting therefor. 112,621; Dec. 20.
- Sieber, Arthur E., Haledon, N. J. Building. 108,349; Feb. 8.
- Sieburth, Robert, Concord, Mass. Boot. 109,429; Apr. 26.
- Siegel, David, New York, N. Y. Knitted fabric. 108,301; Feb. 1.
- Siegel, David, New York, N. Y. Knitted fabric. 109,190; Apr. 5.
- Siemund, Herman, assignor to Greenview Manufacturing Company, Chicago, Ill. Connection for a sectional handle. 110,911; Aug. 16.
- Sigaloff, Samuel J., Long Island City, N. Y. Guide chart or similar article. 111,998; Nov. 1.
- Sigaloff, Samuel J., Long Island City, N. Y. Guide chart or similar article. 112,092; Nov. 8.
- Signal Service Corporation. (See Haggart, John C., Jr., assignor.)
- Signet, Fred J., Venice, Calif. Frame for display cards. 109,991; June 7.
- Sikes Company, The. (See Davis, K. F., and Josephs, assignors.)
- Silberfeld, Jack, et al. (See Wieselthier, Vally, assignor.)
- Silberfeld, Victor, et al. (See Wieselthier, Vally, assignor.)
- Silson Company. (See Wieselthier, Vally, assignor.)
- Silverman, Charles, Providence, R. I. Necktie fastener or similar article. 112,580; Dec. 13.
- Silverman, Jacob A., New York, N. Y. Coat. 107,914; Jan. 11.
- Silverman, Jacob A., New York, N. Y. Coat. 108,038; Jan. 18.
- Silverman, Jacob A., New York, N. Y. Coat. 108,039; Jan. 18.
- Silverman, Jacob A., New York, N. Y. Coat. 108,040; Jan. 18.
- Silverman, Jacob A., New York, N. Y. Coat. 108,041; Jan. 18.
- Silverman, Jacob A., New York, N. Y. Coat. 108,302; Feb. 1.
- Silverman, Jacob A., New York, N. Y. Coat. 108,303; Feb. 1.
- Silverman, Jacob A., New York, N. Y. Suit ensemble. 108,405; Feb. 8.
- Silverman, Jacob A., New York, N. Y. Suit. 108,406; Feb. 8.



- Silverman, Jacob A., New York, N. Y. Coat. 108,407; Feb. 8.
- Silverman, Jacob A., New York, N. Y. Coat. 108,516; Feb. 15.
- Silverman, Jacob A., New York, N. Y. Suit. 108,754; Mar. 8.
- Silverman, Jacob A., New York, N. Y. Suit. 109,083; Mar. 29.
- Silverman, Jacob A., New York, N. Y. Suit. 109,084; Mar. 29.
- Silverman, Jacob A., New York, N. Y. Collar. 109,569; May 3.
- Silverman, Jacob A., New York, N. Y. Coat. 110,156; June 21.
- Silverman, Jacob A., New York, N. Y. Coat. 110,983; Aug. 23.
- Silverman, Jacob A., New York, N. Y. Coat. 110,984; Aug. 23.
- Silverman, Jacob A., New York, N. Y. Coat. 111,294; Sept. 13.
- Silverman, Jacob A., New York, N. Y. Suit. 111,553; Sept. 27.
- Silverman, Jacob A., New York, N. Y. Coat. 111,619; Oct. 4.
- Silverman, Jacob A., New York, N. Y. Coat. 111,718; Oct. 11.
- Silverman, Jacob A., New York, N. Y. Coat. 111,719; Oct. 11.
- Silverman, Jacob A., New York, N. Y. Coat. 111,818; Oct. 18.
- Silverman, Jacob A., New York, N. Y. Coat. 112,567; Dec. 13.
- Silvers, Jim I., Chicago, Ill. Combination desk unit. 112,183; Nov. 15.
- Silvers, Jim I., Chicago, Ill. Clock. 112,383; Nov. 29.
- Silverman, William, Providence, R. I. Finger ring. 109,308; Apr. 19.
- Silverman, William, Providence, R. I. Finger ring. 109,309; Apr. 19.
- Silvers, Jim I., et al. (See Lamport, Herbert W., assignor.)
- Simmon, Rudolph, Long Island City, N. Y. Photographic enlarger. 108,554; Feb. 22.
- Simms, Charles F., assignor to Concord Silversmiths Corporation, Concord, N. H. Spoon or other article of hardware. 109,156; Apr. 5.
- Simms, Charles F., assignor to Concord Silversmiths Corporation, Concord, N. H. Display cabinet. 109,818; May 24.
- Simon, Alfred, Jackson Heights, N. Y., assignor to Westinghouse X-Ray Company, Inc. Radiographic and fluorescent unit. 109,880; May 31.
- Simon, Morris, Brooklyn, N. Y. Sweater ensemble. 110,852; Aug. 9.
- Simonton, William T., Jr., Totowa, N. J. Textile fabric. 111,089; Aug. 30.
- Simpson, Dorthy M., Providence, R. I., assignor to Electrical Testing Laboratories, New York, N. Y. Table lamp. 112,093; Nov. 8.
- Sims, William O., and E. J. Rodda, assignors to Niagara Falls Wire Stitchers, Inc., Niagara Falls, N. Y. Wire stitching machine. 110,985; Aug. 23.
- Singer Manufacturing Company, The. (See Park, Malcolm S., assignor.)
- Sinko, John, Oak Park, Ill. Cigar lighter. 108,458; Feb. 15.
- Sinko, John, Oak Park, Ill. Combined steering wheel knob and bracket. 110,157; June 21.
- Sinnott, Francis X., New York, N. Y. Dress. 109,096; Mar. 29.
- Siragusa, Ross D., assignor to Continental Radio and Television Corp., Chicago, Ill. Radio cabinet or similar article. 108,222; Feb. 1.
- Siren Mills Corporation. (See Opler, Edmond, assignor.)
- Siverts, Anna L., New York, N. Y. Dress. 111,942; Oct. 25.
- Skellern, Victor, Fenton, Stoke-on-Trent, England, assignor to Josiah Wedgwood & Sons, Inc., New York, N. Y. Plate or similar article. 109,506; May 3.
- Skellern, Victor, Fenton, Stoke-on-Trent, England, assignor to Josiah Wedgwood & Sons, Inc., New York, N. Y. Plate or similar article. 109,536; May 3.
- Skolnik, Max, Chicago, Ill. Insulating building material. 112,568; Dec. 13.
- Skymasters Corporation. (See Jewett, John B., Jr., assignor.)
- Slater, George W., East Akron, Ohio. Chessmen. 107,800; Jan. 4.
- Slepin, William, Philadelphia, Pa. Dress. 111,924; Oct. 25.
- Slote & Klein, Inc. (See Slote, Reuben, assignor.)
- Slote, Reuben, Mount Vernon, N. Y., assignor to Slote & Klein, Inc. Belt buckle. 108,555; Feb. 22.
- Slote, Reuben, Mount Vernon, N. Y., assignor to Slote & Klein, Inc. Belt buckle. 111,228; Sept. 13.
- Slutizer, Ivan, Amsterdam, Netherlands. Textile fabric or similar article. 100,440; Apr. 26.
- Smallman, Samuel, New York, N. Y. Billfold. 110,830; Aug. 9.
- Smiley, John B. (See Cullen, Ernest, assignor.)
- Smith, Arthur, West McHenry, Ill. Display stand for fruit or the like. 107,803; Jan. 4.
- Smith, Arthur G., Elyria, Ohio. Rubber heel. 109,768; May 17.
- Smith, Arthur G., Elyria, Ohio. Rubber heel. 109,769; May 17.
- Smith, Arthur G., Elyria, Ohio. Rubber heel. 109,770; May 17.
- Smith, Arthur G., Elyria, Ohio. Rubber heel. 109,771; May 17.
- Smith, Carl H., and D. Jones, Muncie, Ind., assignors to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 112,048; Nov. 8.
- Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co., Inc., New York, N. Y. Signboard base or similar article. 110,737; Aug. 2.
- Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co., Inc., New York, N. Y. Signboard or similar article. 111,331; Sept. 20.
- Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co., Inc., New York, N. Y. Signboard or similar article. 111,332; Sept. 20.
- Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co., Inc., New York, N. Y. Signboard or similar article. 111,333; Sept. 20.
- Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co., Inc., New York, N. Y. Signboard or similar article. 111,334; Sept. 20.
- Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co., Inc., New York, N. Y. Signboard or similar article. 111,335; Sept. 20.
- Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co., Inc., New York, N. Y. Signboard or similar article. 111,336; Sept. 20.
- Smith, Charles F., Larchmont, assignor to General Outdoor Advertising Co., Inc., New York, N. Y. Signboard or similar article. 111,337; Sept. 20.
- Smith, Dorothy S., New York, N. Y. Textile fabric. 109,235; Apr. 12.
- Smith, Dorothy S., New York, N. Y. Textile fabric. 111,090; Aug. 30.
- Smith, Earle R., Alhambra, Calif., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Carpet sweeper. 111,033; Aug. 23.
- Smith, F. A., Manufacturing Company. (See Toppin, Harry P., assignor.)
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 108,223; Feb. 1.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 110,882; Aug. 16.
- Smith, Frasier, Wheeling, W. Va., assignor to Pennsylvania Glass Products Co., Pittsburgh, Pa. Bottle. 112,540; Dec. 13.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 112,706; Dec. 27.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Packer jar. 107,801; Jan. 4.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Packer jar. 107,802; Jan. 4.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 110,115; June 14.
- Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 110,711; Aug. 2.
- Smith, Harry E., Short Hills, N. J., assignor to Celluloid Corporation. Plastic sheet or similar article. 112,294; Nov. 22.
- Smith, Hewlett R. (See Wackwitz, Henry E. J., assignor.)
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Waffle iron or the like. 108,006; Jan. 18.
- Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric grill or the like. 110,677; July 26.
- Smith, Kimball D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 108,247; Feb. 1.
- Smith, Kimball D., Akron, and W. H. Adams, Cleveland, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire. 108,248; Feb. 1.
- Smith, Marie E., New York, N. Y. Dress. 107,913; Jan. 11.
- Smith, Marie E., New York, N. Y. Dress. 108,059; Jan. 18.
- Smith, Marie E., New York, N. Y. Dress ensemble. 108,163; Jan. 25.
- Smith, Marie E., New York, N. Y. Dress ensemble. 108,164; Jan. 25.
- Smith, Marie E., New York, N. Y. Dress. 108,197; Jan. 25.
- Smith, Marie E., New York, N. Y. Dress ensemble. 108,517; Feb. 15.
- Smith, Marie E., New York, N. Y. Dress ensemble. 108,769; Mar. 8.
- Smith, Marie E., New York, N. Y. Dress ensemble. 108,770; Mar. 8.
- Smith, Maurice A., assignor to McKee Glass Company, Jeannette, Pa. Glass dish. 108,755; Mar. 8.
- Smith, Maurice A., assignor to McKee Glass Company, Jeannette, Pa. Glass casserole or similar article. 110,678; July 26.
- Smith, Raymond E., Joliet, Ill. Store front. 111,295; Sept. 13.
- Smith, S. Morgan, Company. (See Brisbane, Eugene C., assignor.)
- Smith, Stephanla M., St. Louis, Mo. Combined flowerpot, wreath, and flag holder. 110,551; July 19.
- Smith, Stephanla M., St. Louis, Mo. Combined flowerpot, wreath, and flag holder. 110,552; July 19.



- Smith, Stephen, Berkeley, Calif. Box. 110,651; July 26. signors.)
- Smith, T. & H., Limited. (See Jackson, Charles D'O. P., assignor.)
- Smith Welding Equipment Corporation. (See Ganyaw, Leo J., assignor.)
- Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Play pool. 112,440; Dec. 6.
- Smith, Worth L. (See Hayes, R. H., and Smith.)
- Snead, Oscar M., Newport News, Va. Radio bar cabinet. 109,537; May 3.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Front bolster for a juvenile vehicle. 109,738; May 17.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede frame member. 109,819; May 24.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Scooter footboard. 109,820; May 24.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Handle bar. 109,923; May 31.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Handcar. 109,924; May 31.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede frame member. 109,821; May 24.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede step plate. 110,037; June 7.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede. 110,100; June 14.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede frame member. 110,226; June 21.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede front fork. 110,883; Aug. 16.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede. 110,884; Aug. 16.
- Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Baby walker. 112,384; Nov. 29.
- Snowden, Byron S., Albany, assignor to General Ice Cream Corporation, Schenectady, N. Y. Refrigerator truck. 109,524; May 3.
- Snowden, John W., Philadelphia, Pa. Textile fabric. 109,107; Mar. 29.
- Snyder, Alonzo V., Los Angeles, Calif. Bracket. 108,811; Mar. 15.
- Snyder, Clarence B., assignor to Ansin Shoe Mfg. Co., Athol, Mass. Shoe. 107,886; Jan. 11.
- Snyder, George, assignor to General Motors Corporation, Detroit, Mich. Decorative grille for an automobile radiator. 109,677; May 10.
- Snyder, George, assignor to General Motors Corporation, Detroit, Mich. Combined automobile and radio antenna. 111,111; Aug. 30.
- Snyder, George, assignor to General Motors Corporation, Detroit, Mich. Combined automobile and radio antenna. 111,112; Aug. 30.
- Snyder, Hanna, New York, N. Y. Dress. 108,199; Jan. 25.
- Snyder, Hanna, New York, N. Y. Dress. 108,304; Feb. 1.
- Snyder, Hanna, New York, N. Y. Dress. 108,305; Feb. 1.
- Snyder, Hanna, New York, N. Y. Dress ensemble. 108,872; Mar. 15.
- Snyder, Hanna W., New York, N. Y. Dress. 112,669; Dec. 20.
- Snyder, Hanna W., New York, N. Y. Dress. 112,670; Dec. 20.
- Snyder, Hannah, New York, N. Y. Dress ensemble. 108,198; Jan. 25.
- Sobel, Harry, New York, N. Y. Shoe. 109,343; Apr. 19.
- Sohelman, Morris, St. Louis, Mo. Dress. 109,837; May 24.
- Sohelman, Morris, St. Louis, Mo. Dress. 110,060; June 7.
- Sohelman, Morris, St. Louis, Mo. Dress. 110,061; June 7.
- Sohelman, Morris, St. Louis, Mo. Dress. 111,481; Sept. 20.
- Sohelman, Morris, St. Louis, Mo. Dress. 111,482; Sept. 20.
- Societe Anonyme: Jaeger-Aviation. (See Rodanet, Charles H. H., assignor.)
- Soderquist, Leslie E., assignor to National Rubber Machinery Co., Akron, Ohio. Cleaning cabinet. 110,368; July 5.
- Sohelman, Morris, St. Louis, Mo. Textile fabric. 112,221; Nov. 15.
- Sokoloff, Max, Woodmere, N. Y. Textile fabric. 110,369; July 5.
- Sokoloff, Max, Woodmere, N. Y. Textile fabric. 110,404; July 5.
- Sola Electric Co. (See Marshall, Leonard C., assignor.)
- Sola Electric Co. (See Sola, Joseph G., assignor.)
- Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. Ignition transformer. 110,738; Aug. 2.
- Soletti, Antonio, San Mateo, Calif. License plate ornament. 112,222; Nov. 15.
- Solnit, Ben, Los Angeles, Calif. Shoe. 110,824; Aug. 9.
- Solo, Louis C., Philadelphia, Pa. Combination coat and vest. 109,157; Apr. 5.
- Solomon, Abraham, assignor to National Silver Deposit Ware Co., Inc., New York, N. Y. Cocktail shaker. 111,500; Sept. 27.
- Solomon, Abraham, New York, N. Y., and E. Volynkine, Paris, France, assignors to National Silver Deposit Ware Co., Inc., New York, N. Y. Ship ornament. 110,825; Aug. 9.
- Solomon, Abraham, New York, N. Y., and E. Volynkine, Paris, France, assignors to National Silver Deposit Ware Co., Inc., New York, N. Y. Ship ornament. 110,826; Aug. 9.
- Solomon, Jacob, New York, N. Y. Blouse. 109,570; May 3.
- Solomon, Shepard, New York, N. Y. Belt or similar article. 112,001; Nov. 1.
- Somers, William S., Columbus, Ohio. Furnace casing. 112,002; Nov. 1.
- Sonberg, Max P., New York, N. Y. Coat. 110,370; July 5.
- Sonberg, Max P., New York, N. Y. Coat. 110,371; July 5.
- Sonberg, Max P., New York, N. Y. Coat. 110,372; July 5.
- Sonberg, Max P., New York, N. Y. Coat. 110,757; Aug. 2.
- Sonberg, Max P., New York, N. Y. Coat. 110,932; Aug. 16.
- Sones, William H., Twickenham, assignor to Electraaire Marketing Company Limited, London, England. Air conditioning unit or similar article. 112,489; Dec. 6.
- Sonin, Edward, Long Beach, N. Y. Perforate protector plate for display cards. 109,791; May 17.
- Soroka, Raymond, Brooklyn, assignor to B. F. Hirsch, Inc., New York, N. Y. Ring. 109,085; Mar. 29.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 108,966; Mar. 22.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 109,254; Apr. 12.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 109,255; Apr. 12.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Siphon head. 109,256; Apr. 12.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 112,385; Nov. 29.
- South Bend Toy Mfg. Co. (See Chrisman, Frank S., assignor.)
- South Bend Toy Mfg. Co. (See Muessel, Robert W., assignor.)
- Southern Stove Works. (See Heldbreder, Herman H., assignor.)
- Spanel, Abraham N., Dover, Del. Pants. 111,620; Oct. 4.
- Spar, Jacob M., New York, N. Y. Dress. 108,518; Feb. 15.
- Spar, Jacob M., New York, N. Y. Dress. 108,519; Feb. 15.
- Spear, Alfred, Providence, R. I. Display form. 112,094; Nov. 8.
- Specialties, Inc. (See Steward, Paul S., assignor.)
- Speik, Frederick A., Los Angeles, Calif. Spoon holder. 110,294; June 28.
- Spence, James E., assignor to The Hazel-Atlas Glass Company, Wheeling, W. Va. Drinking glass. 110,553; July 19.
- Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Drinking glass. 110,912; Aug. 16.
- Spence, James E., assignor to The Hazel-Atlas Glass Company, Wheeling, W. Va. Drinking glass. 111,229; Sept. 13.
- Sperlich, Herman A., assignor to Ironrite Company, Detroit, Mich. Chair. 112,453; Dec. 6.
- Sperry, Herbert O., Drexel Hill, Pa. Illuminated advertising display device. 110,590; July 19.
- Sperry, Philmore F. (See Hjermstad, H. V., and Sperry.)
- Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Power driven hand tool unit. 111,005; Aug. 23.
- Spielman, George, assignor to Los Angeles Soap Company, Los Angeles, Calif. Bottle. 108,224; Feb. 1.
- Spina, Frank, New Kensington, Pa. Coffeepot. 110,827; Aug. 9.
- Spirn, Marvin L., Brooklyn, assignor to The Eastern Isles Importing Co., New York, N. Y. Textile fabric. 112,671; Dec. 20.
- Spitalny, Fred, Elizabeth, N. J. Lipstick case or similar article. 109,649; May 10.
- Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 111,668; Oct. 11.
- Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 111,669; Oct. 11.
- Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 112,003; Nov. 1.
- Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 112,004; Nov. 1.
- Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 112,005; Nov. 1.
- Spitzer, George, Manassquan, N. J. Textile fabric or similar article. 109,236; Apr. 12.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 108,556; Feb. 22.



- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 108,583; Feb. 22.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bridge for an ophthalmic mounting. 108,584; Feb. 22.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Pair of spectacles. 109,772; May 17.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Advertising display device for ophthalmic mountings. 109,925; May 31.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bridge for an ophthalmic mounting. 110,739; Aug. 2.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Diagnostic instrument. 111,338; Sept. 20.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Spectacle frame. 112,386; Nov. 29.
- Springer, Edward M., and V. E. Harris, Huntington Park, Calif. Combined pipe and identification slip holder. 110,885; Aug. 16.
- Springer, Hans, New York, N. Y. Slipper or similar article. 108,132; Jan. 25.
- Springer-Miller, Frank, New York, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Display board or the like. 108,708; Mar. 8.
- Springer-Miller, Frank, New York, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Frame for a display board or the like. 108,967; Mar. 22.
- Springfield Leather Products Company, The. (See Mueller, Louis A., assignor.)
- Sprung, Abraham, assignor to United States Reflector Corp., New York, N. Y. Road marker. 110,468; July 12.
- Spurgeon, Neil B. (See Radtke, A. C., and Spurgeon.)
- Squibb, E. R., & Sons. (See Werner, Stanton E., assignor.)
- Srodulski, Joseph W., Chicago, Ill. Coin control device for vending machines. 109,237; Apr. 12.
- Srodulski, Joseph W., Chicago, Ill. Vending machine. 110,502; July 12.
- Staf, Axel H., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 108,249; Feb. 1.
- Stafford, Louis F., Syracuse, N. Y. Music portfolio. 109,952; May 31.
- Staines, Samuel E., Ridgewood, N. J. Textile fabric. 108,650; Mar. 1.
- Staines, Samuel E., Ridgewood, N. J. Textile fabric. 108,651; Mar. 1.
- Staines, Samuel E., Ridgewood, N. J. Textile fabric. 110,503; July 12.
- Staines, Samuel E., Ridgewood, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric. 111,449; Sept. 20.
- Standard Computing Scale Company, The. (See Anderson, George P. and D. G., assignors.)
- Standard Oil Company of California. (See Aldrich, R. N., and Jaehne, assignors.)
- Standard Oil Company of California. (See Applegate, O. C., Jr., and Neale, assignors.)
- Standard Oil Company of California. (See Meagher, William G., assignor.)
- Standard Oil Company. (See Munson, Ralph O., assignor.)
- Standard Steel Works. (See Thompson, Mason L., assignor.)
- Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined sink and cabinet. 108,897; Mar. 22.
- Stanley, Leopold G., Maplewood, N. J. Wallet. 111,621; Oct. 4.
- Stanton, Samuel J., Chicago, Ill. Tooth brush holder. 111,409; Sept. 20.
- Stanton, Samuel J., Chicago, Ill. Tooth brush holder. 111,410; Sept. 20.
- Stanzel, Victor, Schulenburg, Tex. Combined lamp and smoking stand or the like. 107,804; Jan. 4.
- Star Mould Machine Company. (See Donner, John V., assignor.)
- Starline Inc. (See Ferris, Robert G., assignor.)
- Starr, Lillie B., New York, N. Y. Dress or similar article. 108,459; Feb. 15.
- State of Vermont, The. (See Rabito, Anthony, assignor.)
- Stearns, Freeman R., assignor to The Carron Company, Ludington, Mich. Bed jack. 111,622; Oct. 4.
- Steebel, William. (See Bratman, B., and Steebel.)
- Stedman, Joseph F., Brooklyn, N. Y. Bracelet or similar article. 109,158; Apr. 5.
- Stedman, Joseph F., Brooklyn, N. Y. Seven sorrows bracelet or similar article. 111,230; Sept. 13.
- Steel Scaffolding Company, The. (See Frost, George W., assignor.)
- Steel Stamping Company, The. (See Bregman, Harry, assignor.)
- Steele, Allan W., Seattle, Wash. Sail top. 108,306; Feb. 1.
- Steam Electric Corporation. (See Pohl, Ernest F., assignor.)
- Steffanson, Thord B. (See Glennon, Edward J., assignor.)
- Steffen, William, New York, N. Y. Hat. 110,933; Aug. 16.
- Stegeman, Albert V., Jr., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. 111,863; Oct. 25.
- Stegeman, Albert V., Jr., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. 111,864; Oct. 25.
- Stein, Fred, New York, N. Y. Hat or similar article. 108,812; Mar. 15.
- Stein, Joseph S., assignor to Lucien Lelong Inc., Chicago, Ill. Sachet powder container or similar article. 108,924; Mar. 22.
- Stein, Maurice J., and L. Aisenstein, New York, N. Y. Finger ring. 109,626; May 10.
- Stein, Sara, Brooklyn, N. Y. Brassière. 109,159; Apr. 5.
- Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Mount plate for supply rolls. 112,622; Dec. 20.
- Steiner Sales Company. (See Steiner, Frank G., assignor.)
- Steinberg, Jack, New York, N. Y. Coat. 110,758; Aug. 2.
- Steinberger, Irwin, New York, N. Y. Glove. 110,319; June 28.
- Steinberger, Irwin, assignor to Aris Gloves, Inc., New York, N. Y. Glove. 110,840; Aug. 9.
- Steiner, Ernest. (See Bauer, B., and Steiner.)
- Steiner, Ernest. (See Bernard, B., and Steiner.)
- Steinhardt, Irving, New York, N. Y. Toy or similar article. 112,470; Dec. 6.
- Steinman, William G., New York, N. Y. Dress. 107,832; Jan. 4.
- Steinman, William G., New York, N. Y. Dress ensemble. 108,042; Jan. 18.
- Steinway & Sons. (See Worthington, Everett, assignor.)
- Stephens, Andrew J., Kansas City, Mo. Service bar counter. 110,261; June 28.
- Stephens, George H., Glencoe, assignor to Hammond Instrument Company, Chicago, Ill. Electric organ. 108,133; Jan. 25.
- Stephens, George H., Glencoe, assignor to Hammond Instrument Company, Chicago, Ill. Clock. 108,482; Feb. 15.
- Stephens, Mordecai H., Fort Wayne, Ind. Display stand. 112,261; Nov. 22.
- Stephens, Roscoe, Folsom City, Calif. File. 108,165; Jan. 25.
- Sterling Textile Printers, Inc. (See Wortman, Arthur, assignor.)
- Sterman, Florence B., New York, N. Y. Textile fabric. 108,408; Feb. 8.
- Stern, Adolph, Cleveland, Ohio. Plate or similar article. 111,819; Oct. 18.
- Stern, Edgar, assignor to Hartz Mountain Products, Inc., New York, N. Y. Bird cage. 109,160; Apr. 5.
- Sternberg, Nathalie C., Woodmere, Long Island, N. Y. Finger ring. 108,250; Feb. 1.
- Sterngold, Jacob M., New York, N. Y. Dress. 110,784; Aug. 2.
- Stetson Shoe Company, The. (See Lanz, Josef, assignor.)
- Stetson Shoe Company, The. (See Wales, Burton L., assignor.)
- Steuer, Norman F., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif. Jar. 108,023; Jan. 18.
- Steuer, Norman F., assignor to Quality Brands, Inc., San Francisco, Calif. Bottle. 110,262; June 28.
- Steuer, Norman F., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif. Bottle. 110,504; July 12.
- Steuer, Norman F., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif. Bottle. 111,091; Aug. 30.
- Stevens, A. G., Woodbury, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Slider for fastening elements. 109,344; Apr. 19.
- Stevens, Clifford B., Milwaukee, Wis. Railway passenger vehicle. 109,538; May 3.
- Stevens, Clifford B., Milwaukee, Wis. Highway automobile passenger vehicle. 109,739; May 17.
- Stevens, Clifford B., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Casing for a calorimetric device. 108,460; Feb. 15.
- Stevens, Clifford B., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Operating knob for an electric controlling device. 108,723; Mar. 8.
- Stevens, Clifford B., assignor to W. W. Plankinton, Milwaukee, Wis. Traller. 109,161; Apr. 5.
- Stevens, Clifford B., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Cover for an electric circuit controller casing. 109,197; Apr. 5.
- Stevens, Clifford B., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electrical appliance plug connector. 100,735; May 17.
- Stevens, Harry A., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistol. 110,886; Aug. 16.
- Stevens, Harry A., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistol. 110,887; Aug. 16.
- Stevens, William W., Dallas, Tex. Lunch counter unit or similar article. 108,501; Feb. 15.
- Stewart and McGuire, Incorporated. (See Tavis, John, assignor.)



- Steward, Paul S., et al. (See Glover, William A., assignor.)
- Steward, Paul S., assignor to Specialties, Inc., Chattanooga, Tenn. Coin holder or similar article. 109,822; May 24.
- Stewart, Lemuel L., Chicago, Ill., assignor to The Adlake Company. Lighting fixture or similar article. 109,627; May 10.
- Stewart, Lemuel L., Chicago, Ill., assignor to The Adlake Company. Lighting fixture or similar article. 109,740; May 17.
- Stewart, Lemuel L., Chicago, Ill., assignor to The Adlake Company. Lighting fixture or similar article. 109,854; May 24.
- Stewart, Lemuel L., Chicago, Ill., assignor to The Adlake Company. Lighting fixture or similar article. 110,198; June 21.
- Stewart, Lemuel L., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture or similar article. 110,505; July 12.
- Stewart, Roland A., Lynnfield, Mass. Counter. 109,345; Apr. 19.
- Stewart-Warner Corporation. (See Christensen, O. Neil, assignor.)
- Stewart-Warner Corporation. (See Herron, Archie L., assignor.)
- Stewart-Warner Corporation. (See Kropp, Willis A., assignor.)
- Stickrath, Chester D., Dayton, Ohio. Casting bait. 111,797; Oct. 18.
- Stillwell, Carl W., Dobbs Ferry, assignor to General Theatres Equipment Corporation, New York, N. Y. Electric shaver. 110,158; June 21.
- Stilwell, William E., Jr., assignor to Empire Ironer, Incorporated, Cincinnati, Ohio. Ironer. 112,006; Nov. 1.
- Stimps, John R., Shelby, Mont. Antenna for automobile radios. 110,199; June 21.
- Stiska, Joseph H. (See Bittner, C. C., and Stiska.)
- Stocker, Frederick, assignor to National Stamping & Electric Works, Chicago, Ill. Stove or analogous article. 109,359; Apr. 19.
- Stokes, Joseph, Rubber Company. (See Greene, Frederick E., assignor.)
- Stoll, Henry C., assignor of one-half to R. Keil, Bronx, N. Y. Foot rest. 110,227; June 21.
- Stone, Gloria, Buffalo, N. Y. Combination blotter and pad holder for desks. 108,024; Jan. 18.
- Stone, Mollie, New York, N. Y. Dress ensemble. 111,563; Sept. 27.
- Stone, Mollie, New York, N. Y. Dress. 111,844; Oct. 18.
- Stone, Mollie, New York, N. Y. Dress ensemble. 111,720; Oct. 11.
- Stone, Mollie, New York, N. Y. Dress. 111,732; Oct. 11.
- Stone, Mollie, New York, N. Y. Dress. 111,943; Oct. 25.
- Stone, Mollie, New York, N. Y. Dress. 112,471; Dec. 6.
- Stone, Mollie, New York, N. Y. Dress. 112,472; Dec. 6.
- Strauss, Ira, New York, N. Y. Textile fabric. 112,503; Dec. 6.
- Story & Clark Piano Company. (See Worthington, Everett, assignor.)
- Stotler, Forrest L., assignor of one-half to B. S. Blake, Akron, Ohio. Swing. 111,119; Aug. 30.
- Strachman, Max. (See Hakman, D., and Strachman.)
- Strand, Steen. (See Thorp, J. R., and Strand.)
- Strangard, Mary G., New York, N. Y. Dress. 108,271; Feb. 1.
- Strangard, Mary G., New York, N. Y. Dress. 109,108; Mar. 29.
- Straus, Sylvan M., Gloversville, N. Y. Glove. 109,346; Apr. 19.
- Straus, Sylvan M., Gloversville, N. Y. Glove. 109,430; Apr. 26.
- Straus, Sylvan M., Gloversville, N. Y. Glove. 110,038; June 7.
- Straus, Sylvan M., Gloversville, N. Y. Glove. 112,007; Nov. 1.
- Strauss, Berthold, Philadelphia, Pa. Textile fabric. 109,109; Mar. 29.
- Strauss, Ira, New York, N. Y. Textile fabric. 108,898; Mar. 22.
- Strauss, Ira, New York, N. Y. Textile fabric. 109,582; May 3.
- Strauss, Ira, New York, N. Y. Textile fabric. 109,741; May 17.
- Strauss, Ira, New York, N. Y. Textile fabric. 109,742; May 17.
- Strauss, Ira, New York, N. Y. Textile fabric. 109,743; May 17.
- Strauss, Ira, New York, N. Y. Textile fabric. 111,733; Oct. 11.
- Strauss, Joseph B., San Francisco, Calif. Bridge. 108,813; Mar. 15.
- Strauss, Joseph B., San Francisco, Calif. Amusement tower. 110,577; July 19.
- Strauss, Leo, New York, N. Y. Sunglasses. 109,462; Apr. 26.
- Street, Guy F., Jr., Berkeley, assignor to Safeway Stores, Inc., Vernon, Calif. Bottle. 112,387; Nov. 29.
- Strauss, Myna L., New York, N. Y. Cape. 108,740; Mar. 8.
- Stricker, Ethel E., New York, N. Y. Housecoat. 109,097; Mar. 29.
- Stricker, Ethel E., New York, N. Y. Negligee. 109,347; Apr. 19.
- Stricker, Ethel E., New York, N. Y. Negligee. 109,378; Apr. 19.
- Stricker, Ethel E., New York, N. Y. Negligee. 110,604; July 19.
- Stricker, Ethel E., New York, N. Y. Negligee. 110,986; Aug. 23.
- Stricker, Sam, New York, N. Y. Hat. 112,591; Dec. 13.
- Strobel, Bernard E., Guttenberg, N. J. Textile fabric or similar article. 110,934; Aug. 16.
- Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Frame for a garment pressing machine. 108,840; Mar. 15.
- Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Head carrying lever for garment pressing machines. 109,162; Apr. 5.
- Stuchin, Max M., Brooklyn, N. Y. Combined scarf and cap. 110,039; June 7.
- Stukes, Horace A., San Antonio, Tex. Fuel feed control device. 109,257; Apr. 12.
- Sturm, Ralph E. (See Meas, C. E., and Sturm.)
- Sturtevant, B. F., Company. (See Salt, Lloyd B., assignor.)
- Sugar Beet Products Company. (See Conner, Michael, assignor.)
- Sunquist, Leonard, Santa Monica, and M. Blythe, Los Angeles, Calif. Combined chair and stepladder. 111,670; Oct. 11.
- Staub, Edward E., Detroit, Mich. Book rack. 111,671; Oct. 11.
- Stoll, Henry C., assignor of one-half to R. Keil, Bronx, N. Y. Footrest. 111,672; Oct. 11.
- Swoboda, Jean B., assignor to The Delphian Society, Chicago, Ill. Badge or similar article. 112,049; Nov. 8.
- Styskel, Edward C., assignor to M. Seller Company, San Francisco, Calif. Plate or similar article. 110,712; Aug. 2.
- Sudell, Frank, assignor to Kurdistan Rug Corporation, Philadelphia, Pa. Rug. 110,405; July 5.
- Suffolk Craftsmen, Inc. (See Heller, Robert, assignor.)
- Suhadolc, Hamell J., Hoboken, N. J. Combination comb and manicuring implement. 111,475; Sept. 20.
- Sullivan, J., & Sons Mfg. Co. (See Bux, Julius R., assignor.)
- Summers, Lottie M., Dayton, Ohio. Road sign. 108,108; Jan. 25.
- Summers, Lottie M., Dayton, Ohio. Road sign. 108,109; Jan. 25.
- Summers, Paul F., Honolulu, Hawaii. Flacon. 109,773; May 17.
- Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, Richmond, Va. Merchandise display rack. 110,200; June 21.
- Superior Electric Products Corporation. (See Barrett, Joseph E., assignor.)
- Sussman, Fannie, New York, N. Y. Dress. 107,934; Jan. 11.
- Sussman, Fannie, New York, N. Y. Dress. 109,014; Mar. 22.
- Sussman, Fannie, New York, N. Y. Dress. 109,283; Apr. 12.
- Sussman, Fannie, New York, N. Y. Dress. 112,762; Dec. 27.
- Sutton, John R., assignor to Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo. Shoe. 109,678; May 10.
- Sutton, John R., assignor to Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo. Shoe. 109,679; May 10.
- Swainson, Anne, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Bathroom scale. 109,348; Apr. 19.
- Swank Products, Inc. (See Zeman, Bernard R., assignor.)
- Swanson, Carl A., Buffalo, and O. A. Hokanson, North Tonawanda, N. Y. Lamp. 110,263; June 28.
- Swanson, Edith M., New York, N. Y. Textile fabric. 110,853; Aug. 9.
- Swanson, Elmer J., Chicago, Ill. Medicine cabinet or similar article. 108,756; Mar. 8.
- Swanson, Nels H., Chicago, Ill. Coin rack. 108,925; Mar. 22.
- Swanson, Ziegner, De Kalb, Ill. Musical instrument similar to an ocarina. 112,623; Dec. 20.
- Swartwout Company, The. (See McDerment, James H., assignor.)
- Swedlin, J., Inc. (See Young, Bonnie, assignor.)
- Sweeney, Joseph L. (See Chipman, R. L., Jr., and Sweeney.)
- Sweeney, Joseph L., New York, N. Y., and R. L. Chipman, Jr., Montclair, N. J., assignors to Bates Laboratories, Inc., New York, N. Y. Portable typewriter. 108,350; Feb. 8.
- Sweeney, Joseph L., New York, N. Y., and R. L. Chipman, Jr., Montclair, N. J., assignors to Bates Laboratories, Inc., New York, N. Y. Portable typewriter. 108,351; Feb. 8.
- Sweet, Sam. (See Parness, R., and Sweet.)
- Sweitzer, Carroll H. (See Behr, Harry C. A., assignor.)
- Sweitzer, Carroll H. (See Behr, H. C. A., and Sweitzer.)



- Swofford, Peter J., Arlington, Tex. Container for a drinking receptacle or similar article. 109,163; Apr. 5. Sy-fil Corporation. (See Helberg, Robert J., assignor.)
- T. & P. Optical Mfg. Co. Inc. (See Pomeranz, Jacob J., assignor.)
- T. & R. Jewelry Company. (See Garfinkel, Louis, assignor.)
- Tailor Maid Blouses. (See Hafler, Lizzie.)
- Taisch, Rose, New York, N. Y. Sliip. 109,284; Apr. 12.
- Talge, Foster L., Kansas City, Mo. Electric broiler. 109,360; Apr. 19.
- Talge, Foster L., Kansas City, Mo. Broiler. 109,774; May 17.
- Talon, Inc. (See Bailey, Perkins H., assignor.)
- Tammen, Glenn W., Chicago, Ill. Container for fire extinguisher. 112,388; Nov. 29.
- Tammen, Glenn W., assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun or the like. 111,526; Sept. 27.
- Tammen, Glenn W., Chicago, and H. B. Roysher, Campaign, assignors to Autopoint Company, Chicago, Ill. Pencil. 108,899; Mar. 22.
- Tannenbaum, Louis, Hoboken, N. J. Combined cap and muffler. 108,757; Mar. 8.
- Tan-Sad Chair Company (1931) Limited, The. (See Gabb, Archibald H., assignor.)
- Tarsaidze, Alexander, assignor to Parfums Chevalier Garde, Inc., New York, N. Y. Combined perfume bottle and stopper therefor. 111,673; Oct. 11.
- Tate, James, assignor to The Delta Manufacturing Company, Milwaukee, Wis. Drill press guard. 109,628; May 10.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Belt sander. 107,805; Jan. 4.
- Tavis, John, assignor to Stewart and McGuire, Incorporated, New York, N. Y. Vending machine casing or the like. 111,865; Oct. 25.
- Taylor, Ernest W., assignor to The Industrial Brownhoist Corporation, Bay City, Mich. Crane cab. 112,757; Dec. 27.
- Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
- Taylor, James G., Fairfield, and H. W. Case, Dayton, Ohio. Airplane. 112,490; Dec. 6.
- Taylor, Walter J., Kansas City, Kans. Token dispenser. 108,585; Feb. 22.
- Taylor, William H., Seal Beach, Calif. Buoyant water board. 110,159; June 21.
- Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 107,976; Jan. 18.
- Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 109,629; May 10.
- Teague, Walter D., Forest Hills, N. Y., assignor to Warren Telechron Company. Clock face. 108,586; Feb. 22.
- Teague, Walter D., New York, N. Y., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 112,746; Dec. 27.
- Teamer, Clarence K. (See Farnum, L. M., and Teamer.)
- Tebbutt, Albert E., Northampton, England. Combined rubber sole and heel. 112,429; Dec. 6.
- Teetsel, Ralph T., Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,373; July 5.
- Teetsel, Ralph T., Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,374; July 5.
- Teetsel, Ralph T., Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 110,375; July 5.
- Teletype Corporation. (See Lum, G. R., and (Mell assignor).)
- Teller, G. & J. (See Schulz, Arthur P., assignor.)
- Teller, G. & J. (See Teller, J., and Schulz, assignors.)
- Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 110,987; Aug. 23.
- Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,006; Aug. 23.
- Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,007; Aug. 23.
- Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,008; Aug. 23.
- Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,009; Aug. 23.
- Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,010; Aug. 23.
- Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan City, Ind., assignors to G. & J. Teller, Chicago, Ill. Range. 111,191; Sept. 6.
- Teller, Max, New York, N. Y. Cape. 108,520; Feb. 15.
- Teller, Max, New York, N. Y. Cape. 108,521; Feb. 15.
- Temple, Harold E., Freeport, Long Island, N. Y. Nasal Inhaler. 109,355; Apr. 19.
- Tennils, Alphonse G. (See Hennings, Raymond A., assignor.)
- Ternstedt Manufacturing Company. (See Carlson, Eric S., assignor.)
- Ternstedt Manufacturing Company. (See Curtiss, George E., assignor.)
- Ternstedt Manufacturing Company. (See Gonas, Albert J., assignor.)
- Ternstedt Manufacturing Company. (See Lemm, Bonnie E., assignor.)
- Tennisz, William C., Grand Rapids, Mich. Milk bottle. 111,311; Sept. 13.
- Thacher, Sheldon P., Grosse Pointe Park, Mich., assignor to United States Rubber Products, Inc., New York, N. Y. Pneumatic tire. 109,258; Apr. 12.
- Thamm, Rosa M., Berkeley, Calif. Serviette holder. 107,806; Jan. 4.
- Thebaud, John E., Philadelphia, Pa. Display box. 110,426; July 5.
- Theleman, Fred J., Milwaukee, Wis., assignor to Women's International Bowling Congress, Incorporated. Fraternal pin or similar article. 111,159; Sept. 6.
- Thelen, Hjalmer E., assignor to Prentiss-Wabers Products Co., Wisconsin Rapids, Wis. Stove cabinet. 109,164; Apr. 5.
- Thibault, Joseph O., assignor to Casco Products Corporation, Bridgeport, Conn. Mirror. 108,652; Mar. 1.
- Thomas, Fred G., Jr., Somerville, N. J. Combined lamp, telephone stand, and desk unit. 111,120; Aug. 30.
- Thomas, Henry, and C. F. Lockwood, Buffalo, N. Y. Fan casing. 109,539; May 3.
- Thomas, Louis H., New York, N. Y. Combined lapel pin and match book holder. 110,295; June 28.
- Thompson, Mason L., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Truck tank. 109,165; Apr. 5.
- Thorell, Helmer W., assignor to Woodward Governor Company, Rockford, Ill. Cabinet for an actuator governor. 109,744; May 17.
- Thoresen, Edwin H., assignor to William Thoresen Company, Chicago, Ill. Handle for a casket or the like. 110,228; June 21.
- Thoresen, Edwin H., assignor to William Thoresen Company, Chicago, Ill. Handle for a casket or the like. 110,229; June 21.
- Thoresen, Edwin H., assignor to William Thoresen Company, Chicago, Ill. Corner ornament for a casket or the like. 110,230; June 21.
- Thoresen, William, Company. (See Thoresen, Edwin H., assignor.)
- Thorp, Joel R., and S. Strand, assignors to The Fulton Company, West Allis, Wis. Bumper supported guard for automobiles. 108,900; Mar. 22.
- Thorpe, Frank L., Deadwood, S. Dak. Ring. 109,571; May 3.
- Thorstensen, Harold. (See Yonofsky, H., and Thorstensen.)
- Tiedemann, Clinton C., South Bend, Ind. Game device. 109,823; May 24.
- Tillman, Abe, New York, N. Y. Textile fabric or similar article. 108,587; Feb. 22.
- Tilton, John R., Waterloo, and A. Braun, Kitchener, Ontario, Canada. Sign. 109,166; Apr. 5.
- Timm, Leonard L., Aurora, Ill. Power driven tool unit. 108,252; Feb. 1.
- Timme, E. F., & Son. (See Biva, Lucien.)
- Timme, Otto, deceased. (See Biva, Lucien, assignor.)
- Timme, Otto, estate of. (See Biva, Lucien.)
- Timmons, Joseph V., Dallas, Tex. Oven front. 109,680; May 10.
- Timpanelli, John, New York, N. Y. Shoe. 109,349; Apr. 19.
- Tissus Haute Couture, Inc. (See Donadieu, Jean G., assignor.)
- Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Pitcher or similar article. 111,231; Sept. 13.
- Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Condiment container or similar article. 111,312; Sept. 13.
- Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Condiment container or similar article. 111,313; Sept. 13.
- Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Casserole or similar article. 111,314; Sept. 13.
- Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Combined pitcher and cover therefor. 111,339; Sept. 20.
- Tober-Salfer Shoe Company. (See Ornateen, Alfred, assignor.)
- Tobler, John H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Manual control dispensing nozzle. 110,841; Aug. 9.
- Toce, Charles A. (See Broussard, R., and Toce.)
- Toce, Charles A. (See Broussard, R., Toce, and Waltman.)
- Todd Company, The. (See Browne, Richard C., assignor.)
- Todd Company, The. (See Payne, W. R., and Browne, assignors.)
- Todd Company, The. (See Todd, W. L., and Browne, assignors.)
- Todd, Walter L., and R. C. Browne, assignors to The Todd Company, Inc., Rochester, N. Y. Machine for signing facsimile signatures. 110,652; July 20.
- Toledo Scale Manufacturing Company. (See van Doren, Harold L., assignor.)
- Tonshinsky, Victor, New York, N. Y. Dress. 109,583; May 3.



- Tomshinsky, Victor, New York, N. Y. Dress. 109,857; May 24.
- Tomshinsky, Victor, New York, N. Y. Dress. 110,306; June 28.
- Tomshinsky, Victor, New York, N. Y. Dress. 111,944; Oct. 25.
- Toppin, Harry P., assignor to F. A. Smith Manufacturing Company, Inc., Rochester, N. Y. Attachable projection lamp. 112,389; Nov. 29.
- Toti, Peter, Easton, Pa. Game board. 112,184; Nov. 15.
- Tousley, Nelson E., Waban, assignor to Hood Rubber Company, Inc., Watertown, Mass. Shoe sole. 107,977; Jan. 18.
- Townsend, Howard C., Lockport, N. Y., assignor to Firemen's Association of the State of New York. Badge. 110,759; Aug. 2.
- Transit Research Corporation. (See Bell, Dan H., assignor.)
- Tratsch, Walter A., Chicago, Ill. Vending machine cabinet. 109,030; Mar. 29.
- Trautner, Wagn, Springdale, Ohio, assignor to E. H. Kueffer, Oakland, Calif. Steering column switch casing. 108,502; Feb. 15.
- Trescott Company, The. (See Fuller, F. B., Adams, and Le Frois, assignors.)
- Trévisan, Louis A. (See Lightfoot, J. B., and Trévisan.)
- Trice, James C., Houston, assignor to G. G. Eidman, Harris County, Tex. Vending machine casing. 112,295; Nov. 22.
- Trice, James C., Houston, assignor to G. G. Eidman, Harris County, Tex. Combined scale, vending machine, and advertising cabinet. 112,296; Nov. 22.
- Trickle, Ross H., Newark, Ohio. Barber's cabinet or similar article. 103,110; Jan. 25.
- Trifari, Krussman, & Fishel, Inc. (See Philippe, Alfred, assignor.)
- Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Pencil. 108,111; Jan. 25.
- Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Thermometer. 111,160; Sept. 6.
- Tropic-Aire, Incorporated. (See Loewy, Raymond, assignor.)
- Troth, Walter A., Brooklyn, N. Y. Game disk. 111,527; Sept. 27.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 107,807; Jan. 4.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 107,808; Jan. 4.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 111,866; Oct. 25.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 112,008; Nov. 1.
- Troy, Seymour, New York, N. Y. Shoe or similar article. 112,624; Dec. 20.
- Trudo, Edward V., assignor to Trudo Manufacturing Company, Weston, Mass. Table. 109,745; May 17.
- Trudo Manufacturing Company. (See Trudo, Edward V., assignor.)
- Truelson, Orson T., Salt Lake City, Utah. Venetian blind slat. 108,630; Mar. 1.
- Trumbull, Frank S., Providence, R. I. Spoon or similar article. 109,086; Mar. 29.
- Trumbull, Frank S., Providence, R. I. Spoon or similar article. 110,828; Aug. 9.
- Tru-Shot Corporation. (See Walker, George, assignor.)
- Trutman, Frank, Los Angeles, Calif. Ashtray. 110,160; June 21.
- Tucker, Morton, Haddonfield, N. J. Concealed hinge bracket. 109,350; Apr. 19.
- Tucker, Morton, Haddonfield, N. J. Concealed hinge bracket. 109,351; Apr. 19.
- Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Circulating heater. 108,588; Feb. 22.
- Tullis, Boyd W., assignor to Coleman Lamp & Stove Company, Wichita, Kans. Cook stove. 112,135; Nov. 8.
- Tuman, John, Mount Vernon, N. Y. Dress. 108,272; Feb. 1.
- Tuman, John, Mount Vernon, N. Y. Ensemble dress. 108,522; Feb. 15.
- Tuman, John, Mount Vernon, N. Y. Dress ensemble. 108,523; Feb. 15.
- Tuman, John, Mount Vernon, N. Y. Ensemble dress. 108,607; Feb. 22.
- Tuman, John, Mount Vernon, N. Y. Ensemble dress. 108,608; Feb. 22.
- Tuman, John, Mount Vernon, N. Y. Dress. 108,771; Mar. 8.
- Tuman, John, Mount Vernon, N. Y. Dress. 108,988; Mar. 22.
- Tuman, John, Mount Vernon, N. Y. Dress ensemble. 109,001; Mar. 22.
- Tuman, John, New York, N. Y. Dress ensemble. 109,858; May 24.
- Tuman, John, New York, N. Y. Dress ensemble. 109,861; May 24.
- Tuman, John, New York, N. Y. Dress. 109,862; May 24.
- Tuman, John, New York, N. Y. Dress ensemble. 109,863; May 24.
- Tuman, John, New York, N. Y. Dress. 110,768; Aug. 2.
- Tuman, John, New York, N. Y. Dress. 110,785; Aug. 2.
- Tuman, John, New York, N. Y. Dress. 111,161; Sept. 6.
- Tuman, John, New York, N. Y. Dress. 111,162; Sept. 6.
- Tuman, John, New York, N. Y. Dress ensemble. 111,163; Sept. 6.
- Tuman, John, New York, N. Y. Dress. 111,164; Sept. 6.
- Tuman, John, New York, N. Y. Dress. 111,165; Sept. 6.
- Tuman, John, New York, N. Y. Dress. 111,166; Sept. 6.
- Tuman, John, New York, N. Y. Dress. 111,167; Sept. 6.
- Tuman, John, New York, N. Y. Dress. 111,121; Aug. 30.
- Tupler, Abe, et al. (See Rich, Philip, assignor.)
- Tupper, Arthur H., New York, N. Y. Shoe. 112,095; Nov. 8.
- Tupper, Arthur H., New York, N. Y. Shoe. 112,096; Nov. 8.
- Turner, Donald M., Providence, R. I. Tax stamp or similar article. 111,092; Aug. 30.
- Turner, George L., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. 111,883; Oct. 25.
- Turner, Marris R., Cleveland Heights, Ohio. Textile fabric or similar article. 112,297; Nov. 22.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,166; Jan. 25.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,167; Jan. 25.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,307; Feb. 1.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,308; Feb. 1.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,414; Feb. 8.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,415; Feb. 8.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,416; Feb. 8.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,524; Feb. 15.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,525; Feb. 15.
- Turpan, Mark, West New York, N. J. Textile fabric. 108,526; Feb. 15.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 110,949; Aug. 16.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 110,950; Aug. 16.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 110,951; Aug. 16.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,056; Aug. 23.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,093; Aug. 30.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,734; Oct. 11.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,820; Oct. 18.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 111,945; Oct. 25.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,136; Nov. 8.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,349; Nov. 29.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,350; Nov. 29.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,351; Nov. 29.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,491; Dec. 6.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,492; Dec. 6.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,504; Dec. 6.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,648; Dec. 20.
- Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,764; Dec. 27.
- Tutsch, Ernest E., La Crosse, Wis. Ice cream dipper or similar article. 110,201; June 21.
- Tygart Valley Glass Company. (See Noble, Olbert C., assignor.)
- Tyler Fixture Corporation. (See Tyler, Jerry, assignor.)
- Tyler, Jerry, assignor to Tyler Fixture Corporation, Niles, Mich. Display case. 111,867; Oct. 25.
- Tyler, Jerry, assignor to Tyler Fixture Corporation, Niles, Mich. Refrigerator display case. 111,868; Oct. 25.
- Tyroler, Sidney, Columbus, Ohio. Resilient attachment pad for eyeglass nose mountings. 109,167; Apr. 5.
- Tyzzer, Howard J., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Automobile radio set. 110,116; June 14.
- Uecker, Reinhold A., D. E. Beatty, and I. G. Rambo, Wauwatosa, Wis. Scaffold end frame. 110,653; July 26.
- Ullman, Marguerite, New York, N. Y. Shoe. 109,881; May 31.
- Ullman, Marguerite, New York, N. Y. Shoe or similar article. 112,009; Nov. 1.
- Umansky, Jacob, Elmhurst, Long Island, assignor to Alexander Textile Corporation, New York, N. Y. Textile fabric. 112,323; Nov. 22.
- Uncas Manufacturing Company. (See Barbieri, Nicholas, assignor.)
- Underwood, Chester R., Jackson, Miss., assignor to J. T. Kozminski, Cleveland, Ohio. Jar. 111,034; Aug. 23.
- Underwood, Chester R., Jackson, Miss., assignor to John T. Kozminski, Cleveland, Ohio. Jar. 111,035; Aug. 23.
- Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
- Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)



- Underwood Elliott Fisher Company. (See Hoffman, Jacob N., assignor.)
- Underwood, John A., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Heater. 108,253; Feb. 1.
- Underwood, John A., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Laundry stove. 108,483; Feb. 15.
- Underwood, John A., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Laundry stove. 108,484; Feb. 15.
- Ungar, Harry A., Los Angeles, Calif. Plug-in detachable electrical, pyrographic, stylus unit for electric pencils. 108,653; Mar. 1.
- Union Fork & Hoe Company, The. (See Durell, Edward, assignor.)
- Union Oil Company of California. (See Dallas, Ronald H., assignor.)
- United Autographic Register Co. (See Budlong, Robert D., assignor.)
- United Cinephone Corporation. (See Devol, George C., Jr., assignor.)
- United Shoe Machinery Corporation. (See Hughes, William, assignor.)
- United Shoe Machinery Corporation. (See Parrelli, Benjamin F., Jr., assignor.)
- United States Air Conditioning Corporation. (See Feinberg, Allan A., assignor.)
- United States Electrical Tool Company, The. (See Weingartner, George A., assignor.)
- United States Glass Company. (See Kelly, Robert A., assignor.)
- United States Glass Co. (See Kostellow, Rowena R., assignor.)
- United States Hoffman Machinery Corporation. (See Strobridge, William, assignor.)
- U. S. Liquorgard Corp. (See Berman, Adolph, assignor.)
- U. S. Reduction Co. (See Lindenberger, Henry, assignor.)
- United States Reflector Corp. (See Sprung, Abraham, assignor.)
- United States Rubber Products Inc. (See Fitzgerald, Lucille L., assignor.)
- United States Rubber Products, Inc. (See Lombard, Ralph S., assignor.)
- United States Rubber Products, Inc. (See Steyens, Alden G., assignor.)
- United States Rubber Products, Inc. (See Thacher, Sheldon P., assignor.)
- U. S. Slicing Machine Company. (See Debus, Sander, assignor.)
- Universal Camera Corporation. (See Cazin, Otto K., assignor.)
- Universal Camera Corporation. (See Kende, George, assignor.)
- Universal Camera Corporation. (See Kende, G., and Brownscombe, assignors.)
- Universal Camera Corporation. (See Kende, G., and Yevick, assignors.)
- Universal Camera Corporation. (See Milne, James D., assignor.)
- Universal Coffee Co. (See Abrams, Charles, assignor.)
- Universal Crusher Company. (See Conway, Robert D., assignor.)
- Universal Potteries, Inc. (See Titze, Walter K., assignor.)
- Universal Winding Company. (See Chisholm, Ralph L., assignor.)
- Upland, Theodore R., assignor to Gantner & Mattern Company, San Francisco, Calif. Textile fabric. 110,136; June 14.
- Upland, Theodore R., assignor to Gantner & Mattern Company, San Francisco, Calif. Bathing trunks. 110,424; July 5.
- Upson Brothers, Inc. (See Velepec, Rudolph J., assignor.)
- Urbanek, James F., Elmwood Park, Ill. Combined display and sales case. 109,507; May 3.
- Usona Manufacturing Company, The. (See Williams, Robert G., assignor.)
- Valentine, Emma, assignor of one-third to K. Egan, Milwaukee, Wis. Monkey doll. 111,113; Aug. 30.
- Vallee, Julia, New York, N. Y. Dress. 108,873; Mar. 15.
- Vallee, Julia, New York, N. Y. Dress. 109,015; Mar. 22.
- Vallee, Julia, New York, N. Y. Dress ensemble. 112,324; Nov. 22.
- Valley Shoe Corporation. (See Odencrants, Henning, assignor.)
- Vallone, Joseph M., assignor to Barcolo Manufacturing Company, Buffalo, N. Y. Wrench or similar article. 111,094; Aug. 30.
- Vamos, Alfred, New York, N. Y., assignor to Bancroft Walker Company, Waltham, Mass. Shoe. 107,887; Jan. 11.
- Van Cleef Bros. (See Van Cleef, Paul, assignor.)
- Van Cleef, Paul, Chicago, Ill., assignor to Van Cleef Bros., Chicago, Ill. Clamp for use in vulcanizing. 109,902; May 31.
- Van Doren, Harold, Toledo, Ohio, assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Coffee mill. 110,988; Aug. 23.
- Van Doren, Harold, Toledo, Ohio, assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Food cutter. 110,989; Aug. 23.
- Van Doren, Harold L., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Scale casing. 109,992; June 7.
- Van Dorn, Horace B., Maplewood, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Combined eraser and pencil tip. 111,554; Sept. 27.
- Van Dyke, John B., assignor to Collins Radio Company, Cedar Rapids, Iowa. Casing for speech input apparatus. 112,747; Dec. 27.
- Van Hoesen, Frank E., Chicago, Ill. Vehicle seat or similar article. 108,989; Mar. 22.
- Van Laven, Abraham, Brooklyn, N. Y. Hat. 109,746; May 17.
- Van Tuyl, Sidney, Berwyn, and E. E. Collison, Chicago, Ill. Electric shaver. 111,776; Oct. 18.
- Van Vleck, Peirce, Washington, D. C. Pressure operated electric switch or similar article. 109,572; May 3.
- Vassos, John, New Canaan, Conn., assignor to Radio Corporation of America. Control unit for electrical apparatus. 107,809; Jan. 4.
- Vassos, John, New Canaan, Conn., assignor to Remington Arms Company, Inc. Handle for cutlery articles. 109,168; Apr. 5.
- Vassos, John, New Canaan, Conn., assignor to M. Hohner, Inc., New York, N. Y. Accordion. 111,555; Sept. 27.
- Vaughan & Bushnell Mfg. Co. (See Vaughan, Sanford S., assignor.)
- Vaughan, Sanford S., Oak Park, assignor to Vaughan & Bushnell Mfg. Co., Chicago, Ill. Handle for a hammering tool. 108,709; Mar. 8.
- Vaughn, Sewell B., Cambridge, Mass. Combined duplex cabinet and washbasin. 110,530; July 12.
- Vecchio, Benjamin M. (See Porkolab, A., and Vecchio.)
- Velepec, Rudolph J., assignor to Upson Brothers, Inc., Rochester, N. Y. Screw driver. 112,592; Dec. 20.
- Velveray Corporation of America. (See Emmerich, Theresa, assignor.)
- Vendo Company, The. (See Hagstrom, Joseph E., assignor.)
- Venner, William, Brooklyn, N. Y. Decorative valance or the like. 111,623; Oct. 4.
- Verlyrs of America, Inc. (See Exelmans, Maurice, assignor.)
- Vernon, Fred L., Newton, Iowa. Vacuum cleaner casing. 109,824; May 24.
- Vernor, James Company. (See Doughty, William E., assignor.)
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 110,296; June 28.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 110,469; July 12.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,153; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,154; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,155; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,156; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,157; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,158; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,159; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,160; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,161; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,162; Nov. 15.
- Verrecchio, Gene, Providence, R. I. Brooch or similar article. 112,163; Nov. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,461; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,462; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,463; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,464; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,465; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,466; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,467; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,468; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,469; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,470; Feb. 15.
- Verrecchio, Gene, Providence, R. I., assignor to Corogram, Inc., New York, N. Y. Brooch pin or similar article. 108,471; Feb. 15.
- Vossen, Kurt, New York, N. Y. Lighting fixture. 108,054; Mar. 1.



- Vezina, Raoul J., Springfield, Mass. Display cabinet. 111,575; Oct. 4.
- Viatour, Jean, Soignies, Belgium, assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 112,164; Nov. 15.
- Viking Manufacturing Company, The. (See Frasher, Herschel S., assignor.)
- Virgile, Gabriel, Long Beach, N. Y. Textile fabric or similar article. 108,527; Feb. 15.
- Virgile, Gabriel, Long Beach, N. Y. Textile fabric or similar article. 110,040; June 7.
- Vits, Earl O., assignor to Aluminum Goods Manufacturing Co., Manitowoc, Wis. Steam pressure cooker. 110,506; July 12.
- Voelker, Louis C. (See Shale, J. H., and Voelker.)
- Vogel, Fenick A. (See Weidner, V., and Vogel.)
- Voges, Fred W., Ozone Park, N. Y. Poker chip or similar article. 111,273; Sept. 13.
- Volney, Svatopluk C., New York, N. Y., assignor to American Proca Corporation. Combined phonograph and picture projector. 111,798; Oct. 18.
- Volume Sprayer Manufacturing Company. (See Patterson, Joseph W., assignor.)
- Volynkine, Eugene. (See Solomon, A., and Volynkine.)
- Von Baumann, Helen S., New York, N. Y. Dress. 109,002; Mar. 22.
- Von Eisenbarth, Edith, New York, N. Y. Textile fabric. 109,630; May 10.
- Von Nessen, Walter, New York, N. Y., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Dish or similar article. 110,507; July 12.
- Voorhees, Edgar, Kearny, N. J., and R. A. Niekamp, Dayton, Ohio, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J., and The Master Electric Company, Dayton, Ohio. Pumping unit. 110,935; Aug. 16.
- Vosbikian, Peter S. (See Vosbikian, Thomas S. and P. S.)
- Vosbikian, Thomas S. and P. S., Philadelphia, Pa. Auxiliary guard for automobile bumpers. 112,137; Nov. 8.
- Vuilleminot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 109,431; Apr. 26.
- Vuilleminot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 112,731; Dec. 27.
- Wabash Screen Door Company. (See Klaiber, Edward C., assignor.)
- Wachs, Benjamin, New York, N. Y. Handbag frame or similar article. 110,297; June 28.
- Wackwitz, Henry E. J., assignor of one-half to H. R. Smith, Port Washington, N. Y. Painter's implement support. 112,262; Nov. 22.
- Wadsworth, Arthur W., Fort Thomas, Ky., assignor to The Wadsworth Watch Case Company, Dayton, Ohio. Watchcase. 112,263; Nov. 22.
- Wadsworth Watch Case Company. (See Schwankhaus, Paul A., assignor.)
- Wadsworth Watch Case Company, The. (See Stegeman, Albert V., Jr., assignor.)
- Wadsworth Watch Case Company, The. (See Wadsworth, Arthur W., assignor.)
- Wagman, Aleck E., Dorchester, Mass. Shoe or similar article. 112,625; Dec. 20.
- Wagner, E. R., Manufacturing Company. (See Smith, Earle R., assignor.)
- Wagner, Herman, New York, N. Y. Embossed textile fabric. 111,624; Oct. 4.
- Wagner, Mildred, New York, N. Y. Dress. 107,978; Jan. 18.
- Wagner, Mildred, New York, N. Y. Dress. 107,979; Jan. 18.
- Wagner, Mildred, New York, N. Y. Dress. 108,060; Jan. 18.
- Wagner, Mildred, New York, N. Y. Dress ensemble. 108,528; Feb. 15.
- Wagner, Mildred, New York, N. Y. Dress ensemble. 109,573; May 3.
- Wagner, Mildred, New York, N. Y. Dress. 109,792; May 17.
- Wagner, Mildred, New York, N. Y. Dress. 109,793; May 17.
- Wagner, Mildred, New York, N. Y. Dress. 110,231; June 21.
- Wagner, Mildred, New York, N. Y. Dress. 110,605; July 19.
- Wagner, Mildred, New York, N. Y. Dress. 110,606; July 19.
- Wahl Company, The. (See Back, Robert, assignor.)
- Wahl Company, The. (See Iannelli, Alfonso, assignor.)
- Wait, Edgar F., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Tire. 110,470; July 12.
- Wald Manufacturing Company. (See Pawsat, Ewald F., assignor.)
- Wales, Burton L., Abington, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 110,554; July 19.
- Wales, Burton L., Abington, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 110,555; July 19.
- Wales, Burton L., Abington, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 111,095; Aug. 30.
- Wales, Burton L., Abington, assignor to The Stetson Shoe Company, Incorporated, Weymouth, Mass. Shoe lacing. 112,626; Dec. 20.
- Walker, Avery W., assignor to The Carborundum Company, Niagara Falls, N. Y. Sharpener. 109,074; Mar. 29.
- Walker, Cass T. (See Pace, T., and Walker.)
- Walker, George, assignor to Tru-Shot Corporation, Detroit, Mich. Shooting range cabinet. 110,376; July 5.
- Walker, George, assignor to Tru-Shot Corporation, Detroit, Mich. Shooting range cabinet. 110,377; July 5.
- Walker, John, assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Radiator guard. 111,114; Aug. 30.
- Walker, Russell S., Duluth, Minn. Holder for candles or other articles. 110,508; July 12.
- Wallace, R., & Sons Manufacturing Company. (See Warren, William S., assignor.)
- Wallace, Sadye E., New York, N. Y. Combination mirror, lipstick, and powder holder. 108,485; Feb. 15.
- Wallace, Sadye E., New York, N. Y. Compact. 108,589; Feb. 22.
- Wallace, Wayne W., Harriman, Tenn. Garden tool. 108,043; Jan. 18.
- Wallace, Wayne W., Harriman, Tenn. Garden tool. 108,044; Jan. 18.
- Waller, Joseph B., Baltimore, Md. Combination match folder and article holder. 110,632; July 26.
- Wals, Louis, New York, N. Y. Dress. 112,505; Dec. 6.
- Walter, William, New York, N. Y. Belt or similar article. 111,556; Sept. 27.
- Walters, Roger L., Macon, Ill. Combination cellarette and ash receiver. 108,901; Mar. 22.
- Walther, John L., New York, N. Y. Woven textile fabric. 108,854; Mar. 15.
- Walther, John L., New York, N. Y. Woven textile fabric. 110,378; July 5.
- Waltman, Charles. (See Broussard, R., Toce, and Waltman.)
- Waltman, Chauncey E., assignor to Erie Sales and Manufacturing Company, Chicago, Ill. Globe or shade for lighting fixture. 110,760; Aug. 2.
- Ward Baking Company. (See Neuberger, Lester, assignor.)
- Ward, Robert V., Richmond Hill, N. Y. Scooter. 108,503; Feb. 15.
- Wareham, James K. (See Goll, F. D., and Wareham.)
- Warner, Charles, New York, N. Y. Dress ensemble. 109,747; May 17.
- Warner, Charles, New York, N. Y. Dress ensemble. 109,748; May 17.
- Warner, Henry T., Chicago, Ill. Potato masher. 109,993; June 7.
- Warner, Marian J. (See Warner, Matilda F. and M. J.)
- Warner, Matilda F. and M. J., Oakland, Calif. School symbol. 111,799; Oct. 18.
- Warren Telechron Company. (See Bruce, Leo I., assignor.)
- Warren Telechron Company. (See Teague, Walter D., assignor.)
- Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 109,087; Mar. 29.
- Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 110,041; June 7.
- Warshaw, Samuel, New York, N. Y. Dress. 107,980; Jan. 18.
- Wascher, Frank. (See Double, P. E., and Wascher.)
- Waterbury, John H., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting fixture. 107,888; Jan. 11.
- Waterfield, James, Philadelphia, Pa. Lace tablecloth. 107,833; Jan. 4.
- Watinsky, David, Mount Vernon, N. Y. Bathing suit or similar article. 108,609; Feb. 22.
- Watling, William, Chicago, Ill. Weighing scale. 112,685; Dec. 27.
- Watson, Frederick W., Brooklyn, N. Y. Shoe polishing device or similar article. 110,591; July 19.
- Watson, Pasher W., Jr., Selbyville, Del. Underground mausoleum. 108,724; Mar. 8.
- Watt, Cullen J., Carpinteria, Calif. Tie. 112,010; Nov. 1.
- Watts, Warren S., Montclair, assignor to Eskimo Pie Corporation, Bloomfield, N. J. Frozen confection. 110,379; July 5.
- Watts, Warren S., Montclair, assignor to Eskimo Pie Corporation, Bloomfield, N. J. Frozen confection. 110,380; July 5.
- Waxberg, Augusta, New York, N. Y. Dress. 110,769; Aug. 2.
- Waxelbaum, Sol J., Atlanta, Ga. Pump. 112,011; Nov. 1.
- Weber, Allen M., Chicago, Ill., assignor to The Galvin Manufacturing Corporation. Automobile radio aerial. 108,655; Mar. 1.
- Webster Electric Company. (See Reinecke, Jean O., assignor.)
- Webster, Evelyn, Gloversville, N. Y. Glove. 109,285; Apr. 12.
- Webster, Leslie S., New York, N. Y. Reflector. 112,541; Dec. 13.
- Webster, Walter L., Colorado Springs, Colo. Combined ash receiver and extinguisher. 108,631; Mar. 1.
- Wedgwood, Josiah, & Sons, Inc. (See Skellern, Victor, assignor.)



- Weeks, James R., Birmingham, and R. H. Helms, Melvindale, assignors to Whitehead & Kales Company, River Rouge, Mich. Automobile transport body. 109,926; May 31.
- Weidhaas, Francis E., Bronxville, N. Y. Doll. 112,441; Dec. 6.
- Weidlich Sterling Spoon Co. (See Flauder, Alfred J., assignor.)
- Weidner, Victor, Port Washington, and F. A. Vogel, New York, N. Y. Lamp. 107,810; Jan. 4.
- Weidner, Victor, Port Washington, assignor to The Western Union Telegraph Company, New York, N. Y. Teleprinter cabinet. 110,126; June 14.
- Weil, Lewis P. (See de Angelis, A. C., and Croasdale, assignors.)
- Weil, Lewis P. (See Goughnour, Gretchen, assignor.)
- Weill, Milton, New York, N. Y., assignor to Arrow Manufacturing Company, Inc., Hoboken, N. J. Display container for jewelry or similar article. 110,075; June 14.
- Weill, Paula, New York, N. Y. Dress. 108,990; Mar. 22.
- Weill, Paula, New York, N. Y. Dress. 109,003; Mar. 22.
- Weill, Pauline, New York, N. Y. Dress. 108,874; Mar. 15.
- Wein, Eleanor, Cincinnati, Ohio. Dress. 112,240; Nov. 15.
- Wein, Rae, New York, N. Y., assignor to I. E. and J. H. Levine, doing business as Lewis Levine & Sons, Cincinnati, Ohio. Dress ensemble. 110,942; Aug. 16.
- Weiner, Albert. (See Gaba, Lester, assignor.)
- Weiner, Albert, New York, N. Y. Blouse. 112,725; Dec. 27.
- Weiner, Ben, Brookline, Mass. Shoe. 110,381; July 5.
- Weiner, Ben, Brookline, Mass. Shoe. 110,449; July 12.
- Weiner, Ben, Brookline, Mass. Shoe. 111,096; Aug. 30.
- Weiner, George H., assignor of one-third to M. R. Alexander and one-third to S. Ross, Chicago, Ill. Combination lamp stand and remote radio control. 110,713; Aug. 2.
- Weiner, Samuel E., Chicago, Ill. Hat. 109,110; Mar. 29.
- Weingartner, George A., Fort Thomas, Ky., assignor to The United States Electrical Tool Company, Cincinnati, Ohio. Power driven hand tool unit. 112,728; Dec. 27.
- Weinstat, Samuel, New York, N. Y., assignor to Bancroft Walker Company, Waltham, Mass. Shoe. 108,134; Jan. 25.
- Weinstein, Benjamin, New York, N. Y. Dress. 110,320; June 28.
- Weinstein, Bertha, and J. Pine, New York, N. Y. Coat. 109,098; Mar. 29.
- Weinstein, Philip, Brooklyn, N. Y. Shoe. 108,486; Feb. 15.
- Weirich, Clarence L., assignor to The C. B. Dolge Company, Westport, Conn. Foot bath tray. 108,352; Feb. 8.
- Weis, Albert M., Milwaukee, Wis. Skillet. 110,117; June 14.
- Weisberger, Irving, New York, N. Y. Elastic textile fabric. 109,286; Apr. 12.
- Weisberger, Irving, New York, N. Y. Elastic textile fabric. 109,287; Apr. 12.
- Weisberger, Irving, New York, N. Y. Elastic textile fabric. 109,864; May 24.
- Weisberger, Irving, New York, N. Y. Elastic textile fabric. 112,556; Dec. 13.
- Weisberger, Samuel, New York, N. Y. Hat. 109,574; May 3.
- Weisman, Ralph, Detroit, Mich. Arm rest for a glider or similar article. 109,749; May 17.
- Weiss, Harry, Newark, N. J. Display dental model. 109,631; May 10.
- Weiss, Samuel L., Brooklyn, N. Y. Faucet connection. 112,012; Nov. 1.
- Weiss, Sidney, University City, Mo. Musical toy. 110,740; Aug. 2.
- Weissenborn, Raymond A., Montclair, N. J. Pencil. 107,813; Jan. 4.
- Weisser, Murry, New York, N. Y. Skating dress. 112,672; Dec. 20.
- Weissman, Samuel, New York, N. Y. Display container for watches. 107,981; Jan. 18.
- Weissmueller, Henry, Milwaukee, Wis. Game table. 109,927; May 31.
- Weltzel, Frederick W. (See Partridge, M. H., and Weltzel.)
- Weikel, Harry, Brooklyn, assignor to Atlas & Blum Inc., New York, N. Y. Textile fabric. 112,581; Dec. 13.
- Welanetz, Ludolph P., North Plainfield, assignor to Kohlenoor Pencil Factory L. & C. Hardtmuth, Inc., Bloombury, N. J. Wrapping paper or similar article. 112,223; Nov. 15.
- Welch, Herman B., assignor to Amity Leather Products Co., West Bend, Wis. Billfold. 108,135; Jan. 25.
- Welch, Herman B., assignor to Amity Leather Products Co., West Bend, Wis. Billfold. 108,148; Jan. 25.
- Welch, Irene, New York, N. Y. Dress. 107,811; Jan. 4.
- Welch's Candy, Limited. (See Ross, David G., assignor.)
- Welles, Elizabeth G., Lexington, Va. Soap dish. 107,889; Jan. 11.
- Welling, William M., New York, N. Y. Combined watch and pencil or the like. 109,238; Apr. 12.
- Welman, Herman B., New York, N. Y. Shoe. 109,313; Apr. 19.
- Wells, William H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Device for investigating atomic structure. 111,690; Oct. 11.
- Wendt, Charles A., Milwaukee, Wis. Billiard table. 109,825; May 24.
- Wenett, Philip, New York, N. Y. Dress. 107,915; Jan. 11.
- Wengard, Ben, Waterloo, Iowa. Screen for an automobile radiator. 109,525; May 3.
- Wenzel, Fred J., Chicago, Ill. Motion picture projector bracket. 111,340; Sept. 20.
- Werber, Samuel M., University City, Mo. Dress. 108,169; Jan. 25.
- Werner, Leo J., Arlington, N. J. Adjustable V-block. 110,202; June 21.
- Werner, Louie F., assignor to The New Delphos Manufacturing Company, Delphos, Ohio. Pouring spout cap. 112,649; Dec. 20.
- Werner, Stanton E., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Drinking vessel for animals or the like. 109,750; May 17.
- Wershing, Nicholas L., New York, N. Y. Textile fabric or similar article. 112,311; Nov. 22.
- Wertheim, Adolph, New York, N. Y. Shoe or similar article. 107,812; Jan. 4.
- Wertheim, Adolph, Brooklyn, N. Y. Shoe or similar article. 110,076; June 14.
- Wertheim, Adolph, Brooklyn, N. Y. Shoe or similar article. 110,450; July 12.
- Wertheimer, Joseph M. (See Fletcher, John, assignor.)
- Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Sun chaise. 111,501; Sept. 27.
- West Coast-Manchester Mills Inc. (See Fellegi, Margit, assignor.)
- West, Frank R., Detroit, Mich. Fruit and vegetable conditioner cabinet. 110,842; Aug. 9.
- West, John W., Maplewood, N. J., assignor to Joe Lowe Corporation, New York, N. Y. Handle stick. 108,025; Jan. 18.
- Western Molded Products, Inc. (See Le Clercq, Raymond, assignor.)
- Western Union Telegraph Company, The. (See Weldner, Victor, assignor.)
- Westfield Manufacturing Company, The. (See Fogarty, Charles J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hadley, Donald L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Koch, Gustav H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kruck, Ralph E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wells, William H., assignor.)
- Westinghouse X-Ray Company. (See Simon, Alfred.)
- Westmoreland, Earl L., Chicago, Ill. Good luck charm. 112,748; Dec. 27.
- Weston Electrical Instrument Corporation. (See Guild, Lurette, assignor.)
- Wetherbee, Charles F., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Cover for a measuring instrument case. 112,264; Nov. 22.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 107,897; Jan. 11.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 107,898; Jan. 11.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 111,528; Sept. 27.
- Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 111,529; Sept. 27.
- Wexler, Anna, New York, N. Y. Dress. 110,829; Aug. 9.
- Weyman, James P., San Antonio, Tex. Fruit juice extractor. 110,913; Aug. 16.
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Hand luggage case. 108,254; Feb. 1.
- Wheary Trunk Company. (See Wheary, George H., assignor.)
- Wheeling Stamping Company. (See Paull, A. D., and Kelly, assignors.)
- Whitaker, Harris, Bloomfield, N. J., assignor to Bourjols, Inc., New York, N. Y. Bottle or similar article. 109,352; Apr. 19.
- Whitcomb, Charles E., Bayside, Long Island, N. Y. Combined writing table and cabinet or similar article. 110,914; Aug. 16.
- White Cap Company. (See White, William P., assignor.)
- White Castle System, Inc. (See Ray, L. W., and White, assignor.)
- White, Clarence J., Peoria, Ill. Support for floral displays. 108,093; Jan. 25.
- White Motor Company, The. (See de Sakhnoffsky, Alexis, assignor.)
- White, Murray, Brookline, Mass. Dress. 108,529; Feb. 15.
- White, Murray, Brookline, Mass. Dress. 108,530; Feb. 15.
- White, Murray, Brookline, Mass. Dress. 108,598; Feb. 22.
- White, Murray, Brookline, Mass. Dress. 112,073; Dec. 20.
- White, S. S., Dental Manufacturing Company, The. (See Dreyfuss, Henry, assignor.)
- White, S. S., Dental Manufacturing Company, The. (See Farnum, L. M., and Teamer, assignors.)



- White, William C., Pittsburgh, assignor to Kensington, Incorporated, New Kensington, Pa. Cigarette box or similar article. 108,632; Mar. 1.
- White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Closure cap for a jar or the like. 111,097; Aug. 30.
- Whitehead, Della H., Del Rio, Tex. Bedstead. 108,633; Mar. 1.
- Whitehead, Della H., Del Rio, Tex. Chest of drawers. 108,634; Mar. 1.
- Whitehead, Della H., Del Rio, Tex. Chair. 108,665; Mar. 1.
- Whitehead, Della H., Del Rio, Tex. Mirror. 109,169; Apr. 5.
- Whitehead & Kales Company. (See Baker, William E., assignor.)
- Whitehead & Kales Company. (See Knapp, Leo J., assignor.)
- Whitehead & Kales Company. (See Weeks, J. R., and Helms, assignors.)
- Whitehouse, Herbert G., Newark, N. J. Shoe ornament. 109,632; May 10.
- Whitman, John F., Jr., Brooklyn, N. Y. Film viewer. 112,013; Nov. 1.
- Whyte, Daniel D., assignor to Injection Moulding Corp., New York, N. Y. Curling comb. 111,122; Aug. 30.
- Whyte, Daniel D., and S. F. Kayn, assignors to Injection Moulding Corporation, New York, N. Y. Barrette. 110,127; June 14.
- Whyte, Daniel D., and S. F. Kayn, assignors to Injection Moulding Corporation, New York, N. Y. Barrette. 110,128; June 14.
- Whyte, Ruth L., Chicago, Ill., assignor to Electrical Testing Laboratories, New York, N. Y. Lamp base. 112,542; Dec. 13.
- Whyte, Ruth L., Chicago, Ill., assignor to Electrical Testing Laboratories, New York, N. Y. Lamp base. 112,543; Dec. 13.
- Wicha, Sarah, New York, N. Y. Dress. 112,325; Nov. 22.
- Wichmann, William, and A. Koppel, New York, N. Y. Textile fabric or similar article. 110,101; June 14.
- Wickstrum, Cecil M., Omaha, Nebr. Drape for chapel tent. 112,414; Nov. 29.
- Wideman, Mervin, New York, N. Y. Hair waving device. 111,098; Aug. 30.
- Wieder, Sam, assignor to Barbizon Coats, Inc., Morristown, N. J. Coat. 112,726; Dec. 27.
- Wieder, Sam, assignor to Barbizon Coats, Inc., Morristown, N. J. Suit. 112,727; Dec. 27.
- Wiener, Jerome L., assignor to Beau Peep Products, Chicago, Ill. Bottle. 111,821; Oct. 18.
- Wieselthier, Vally, assignor to V. and J. Silberfeld, New York, N. Y., doing business as Silson Company. Brooch. 108,902; Mar. 22.
- West, Bryant, Elizabethville, Pa. Game apparatus. 110,741; Aug. 2.
- Wilcox, Jane, Chicago, Ill., assignor to Electrical Testing Laboratories, New York, N. Y. Lamp base. 112,224; Nov. 15.
- Wilcox, Jane, Chicago, Ill., assignor to Electrical Testing Laboratories, New York, N. Y. Combined base and pedestal for table lamps. 112,265; Nov. 22.
- Wilczynski, Anthony J., Lyndhurst, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 109,432; Apr. 26.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 107,899; Jan. 11.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 108,309; Feb. 1.
- Wildroot Co. (See Ritchie, Albert E., assignor.)
- Wiley, Ray M., Springfield, Mass. Telephone stand. 112,544; Dec. 13.
- Wilkie, Leighton A., Minneapolis, Minn. Combined metal band filing and sawing machine. 110,915; Aug. 16.
- Wilkins, E. J., Co. (See St. Thomas, William, assignor.)
- Wilkinson, Gladys M., executrix. (See Wilkinson, James W.)
- Wilkinson, James W., deceased, Kansas City, by G. M. Wilkinson, executrix, Johnson, Kans. Electric welding apparatus. 108,045; Jan. 18.
- Willard Storage Battery Company. (See Dunzweiler, Carl J., assignor.)
- Willey, Richard W. (See Richardson, B. E., and Willey.)
- Willey, Walter E., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Air circulator. 110,042; June 7.
- Williams, Charles A., Winthrop, assignor to C. M. Kimball Company, Everett, Mass. Bottle. 109,928; May 31.
- Williams, Harry E., and L. A. Durant, Chicago, Ill. Amusement machine cabinet top. 112,686; Dec. 27.
- Williams, Josh F., assignor of one-third to W. R. Ellis and J. W. Latham, Lexington, Miss. Vehicle license plate. 111,884; Oct. 25.
- Williams, Othneil G., assignor to William L. Gilbert Clock Corporation, Winsted, Conn. Combination clock and weather and temperature indicator. 108,007; Jan. 18.
- Williams, Robert G., assignor to The Usona Manufacturing Company, Toledo, Ohio. Flashlight. 110,298; June 28.
- Williams, Ruth, assignor to S. Reich, Chicago, Ill. Dress ensemble. 110,062; June 7.
- Williams Sealing Corporation. (See McQuinn, Carl assignor.)
- Willman, Carlton H. (See Allenby, W. F., and Willman.)
- Willys-Overland Motors, Inc. (See Merillat, Harold E., assignor.)
- Wilmet, Georges, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Dry shaver casing. 109,903; May 31.
- Wilmet, Georges, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Dry shaver casing. 109,904; May 31.
- Wilmet, Georges, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Dry shaver casing. 109,905; May 31.
- Wilmet, Georges, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Dry shaver casing. 109,906; May 31.
- Wilmet, Georges, Roslyn, N. Y., assignor to Motor Wheel Corporation, Lansing, Mich. Heater. 110,509; July 12.
- Wilmet, Georges, Roslyn, assignor to The Revlon Nall Enamel Corporation, New York, N. Y. Bottle. 110,830; Aug. 9.
- Wilmet, Georges, Roslyn, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. 111,099; Aug. 30.
- Wilmsen, Bernard. (See Kranz, P., and Schmid, assignors.)
- Wilsey, Irven H., Chicago, Ill. Corn popping machine. 111,869; Oct. 25.
- Wilson, Fred G., Brooklyn, N. Y. Combined beverage cooler and dispenser. 108,094; Jan. 25.
- Wilson, J. G., Corporation, The. (See Winn, John F., Jr., assignor.)
- Wilson, Roscoe C., Fairfield, and L. R. Koepnick, Dayton, Ohio. Monoplane pursuit airplane. 110,406; July 5.
- Winchenbaugh, Roy A. (See Levin, B. E., and Winchenbaugh.)
- Winchester Repeating Arms Company. (See Pugsley, Edwin, assignor.)
- Windbiel, Joseph C., assignor to Mead Johnson & Company, Evansville, Ind. Closure cap. 111,450; Sept. 20.
- Wingfoot Corporation. (See Brunner, Elmer F., assignor.)
- Wingfoot Corporation. (See Darrow, Burgess, assignor.)
- Wingfoot Corporation. (See Kavenagh, William E., assignor.)
- Winkel, Mabel, New York, N. Y. Shoe or similar article. 109,882; May 31.
- Winn, John F., Jr., Norfolk, Va., assignor to The J. G. Wilson Corporation, New York, N. Y. Window grille or similar article. 110,510; July 12.
- Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 109,111; Mar. 29.
- Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 109,112; Mar. 29.
- Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 109,113; Mar. 29.
- Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 109,114; Mar. 29.
- Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 109,115; Mar. 29.
- Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 109,116; Mar. 29.
- Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 109,117; Mar. 29.
- Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 109,970; May 31.
- Winstrom, Enoch R., Long Beach, Calif. File tray. 108,273; Feb. 1.
- Winter & Co. (See Heller, Henry R., assignor.)
- Winter, Irving A., Woodmere, N. Y. Dress. 109,575; May 3.
- Wirtz, Frank H. (See Ray, L. W., and Wirtz.)
- Wise, Lawrence, Brooklyn, N. Y. Alphabet for monograms. 111,052; Aug. 23.
- Wiseman, Adolph D., San Francisco, Calif. Dental applicator. 110,936; Aug. 16.
- Wishbow, Nathan, New York, N. Y. Textile fabric. 108,531; Feb. 15.
- Witherell, Edward J., Springfield, assignor to C. F. Church Mfg. Co., Williamansett, Mass. Toilet hinge. 109,170; Apr. 5.
- Witlin & Schneider. (See Ellenbogen, Margaret, assignor.)
- Wittcoff, Edward, University City, Mo. Hat. 111,674; Oct. 11.
- Wolf, Harold, New York, N. Y. Shirt box. 110,742; Aug. 2.
- Wolf, William, assignor to Quaker Lace Company, Incorporated, Philadelphia, Pa. Lace tablecloth. 110,161; June 21.
- Wolfe, Helen, Chicago, Ill., assignor to Maurice L. Rothschild, Incorporated. Pajama ensemble. 109,191; Apr. 5.
- Wolfe, Robert E. (See Kneisley, R. F., and Wolfe.)
- Wolfer, Paul J. C., Wellesley, Mass. Shoe or similar article. 112,014; Nov. 1.
- Wolfsheim & Sachs, Inc. (See Hiscock, William J., assignor.)
- Wolfsheim & Sachs, Inc. (See Wolfsheim, Sylvan M., assignor.)
- Wolfsheim, Sylvan M., assignor to Wolfsheim & Sachs, Inc., Buffalo, N. Y. Display box or similar article. 109,775; May 17.



- Wolfsheim, Sylvan M., assignor to Wolfsheim & Sashes, Inc., Buffalo, N. Y. Display box or similar article. 109,776; May 17.
- Wolfsheim, Sylvan M., assignor to Wolfsheim & Sashes, Inc., Buffalo, N. Y. Display box or similar article. 109,777; May 17.
- Wolpin, Irving, Lakewood, N. J. Lawn-chair or similar article. 109,239; Apr. 12.
- Wolsfeld, Albert H., Philadelphia, Pa. Combined clock face and metronome. 108,274; Feb. 1.
- Women's International Bowling Congress, Incorporated. (See Theleman, Fred J., assignor.)
- Wood, Gisela, San Francisco, Calif. Saucer. 109,508; May 3.
- Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair or similar article. 110,556; July 19.
- Wood, J. R. & Sons, Inc. (See Klecka, John J., assignor.)
- Wood, John, Manufacturing Company. (See Bradley, Eric H., assignor.)
- Wood, John, Manufacturing Company. (See Woodford, Joseph C., assignor.)
- Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight. 108,472; Feb. 15.
- Wood, Robert G., New York, N. Y. Clothespin. 112,390; Nov. 29.
- Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 108,855; Mar. 15.
- Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 108,856; Mar. 15.
- Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 110,077; June 14.
- Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 110,078; June 14.
- Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 110,079; June 14.
- Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 111,691; Oct. 11.
- Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 111,692; Oct. 11.
- Woodford, Joseph C., Wayne, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Compressed air dispensing casing. 110,043; June 7.
- Woods, Robert J., Buffalo, N. Y. Airplane. 111,885; Oct. 25.
- Woodward Governor Company. (See Thorell, Helmer W., assignor.)
- Woodward, Lee L., Owosso, Mich. Shelved table. 107,982; Jan. 18.
- Woodworth, Ernest F., Fort Collins, Colo. Vehicle direction signal. 111,100; Aug. 30.
- Wooga, Itsuo, Tokyo, Japan. Portable lamp. 109,353; Apr. 19.
- Wooga, Itsuo, Tokyo, Japan. Lamp. 109,633; May 10.
- Worrall, Fred C., Oswego, Oreg. Lid for a cooking pot or similar article. 109,994; June 7.
- Worrall, John H., assignor to Liberty Lace and Netting Works, New York, N. Y. Lace. 108,310; Feb. 1.
- Worthington, Everett, New York, N. Y. Bottle inspection machine. 112,097; Nov. 8.
- Worthington, Everett, New York, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Beverage cooler cabinet. 110,743; Aug. 2.
- Worthington, Everett, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill. Grand piano. 110,943; Aug. 16.
- Worthington, Everett, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill. Grand piano. 110,944; Aug. 16.
- Worthington, Everett, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill. Grand piano. 110,945; Aug. 16.
- Worthington, Everett, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill. Grand piano. 110,946; Aug. 16.
- Worthington, Everett, Scarsdale, assignor to Steinway & Sons, New York, N. Y. Upright piano. 111,101; Aug. 30.
- Worthington, Everett, Scarsdale, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Casing for shaving implements. 111,232; Sept. 13.
- Worthington, Everett, Scarsdale, assignor to American Can Company, New York, N. Y. Lunch box or similar article. 112,729; Dec. 27.
- Worthington, Everett, Scarsdale, assignor to American Can Company, New York, N. Y. Lunch box or similar article. 112,730; Dec. 27.
- Worthington Pump and Machinery Corporation et al. (See Voorhees, E., and Nickamp, assignors.)
- Wortman, Arthur, West New York, N. J., assignor to Sterling Textile Printers, Inc., New York, N. Y. Textile fabric or similar article. 111,502; Sept. 27.
- Wright, Frank L., Spring Green, Wis. Chair. 108,473; Feb. 15.
- Wright, William B., & Sons Co. (See Wright, William B., assignor.)
- Wright, William B., assignor to William B. Wright & Sons Co., West Warren, Mass. Display rack. 111,913; Oct. 25.
- Writzmann, Alex A. (See Millermeister, R. A., and Writzmann.)
- Wronke, Louis J., Chicago, Ill., assignor to Belmont Radio Corporation. Radio receiver cabinet. 112,225; Nov. 15.
- Wronke, Louis J., and R. C. Marholz, assignors to Belmont Radio Corporation, Chicago, Ill. Radio cabinet. 109,171; Apr. 5.
- Wuischpard, Alphonse, Plandome, N. Y. Wrist watch case. 111,530; Sept. 27.
- Wurlitzer, Rudolph, Company, The. (See Farny, Cyril, assignor.)
- Wurlitzer, Rudolph, Company, The. (See Fuller, Paul M., assignor.)
- Wurlitzer Rudolph Company, The. (See Zaiser, William, assignor.)
- Wusits, Olga, New York, N. Y. Dress. 111,735; Oct. 11.
- Wusits, Olga, New York, N. Y. Dress. 111,822; Oct. 18.
- Wyner, Theres, New York, N. Y. Head covering. 110,162; June 21.
- Yale Fabrics Corp. (See Christen, Marcel, assignor.)
- Yale Fabrics Corp. (See Fatherley, Robert E., assignor.)
- Yale Fabrics Corp. (See Roberson, Willard D., assignor.)
- Yamen, Michael J. (See Balough, E., and Yamen.)
- Yankee Metal Products Corp. (See Reed, Daniel E., assignor.)
- "Yard-Man," Inc. (See Funk, Truman B., assignor.)
- Yelm, Charles W., assignor to The Gates Rubber Company, Denver, Colo. Tire. 112,687; Dec. 27.
- Yevick, William E. (See Kende, G., and Yevick.)
- Yonofsky, Harry, and H. Thorstensen, Brooklyn, N. Y. Advertising clock. 112,627; Dec. 20.
- Yost, Frederick R., York, Pa. Collar clasp. 110,990; Aug. 23.
- Young, Bonnie, assignor to J. Swedin, Inc., New York, N. Y. Toy figure. 110,744; Aug. 2.
- Young, Curley. (See Milton, J. K., and Young.)
- Young, Douglas, Inc. (See Young, Lewis D., assignor.)
- Young Engineering Laboratories, Inc. (See Young, Serenus H. A., assignor.)
- Young, Fred M., Racine, Wis. Radiator front. 110,761; Aug. 2.
- Young, Hallie M. C., Oklahoma City, Okla. Street traffic signal. 112,473; Dec. 6.
- Young, Lewis D., Providence, R. I., assignor to Douglas Young, Inc. Display box. 108,186; Jan. 25.
- Young, Lloyd W., Scotch Plains, N. J., assignor to Oxweld Acetylene Company, Blowpipe. 111,800; Oct. 18.
- Young, Muriel A., Grosse Pointe Park, Mich. Popcorn vending machine. 110,511; July 12.
- Young, Serenus H. A., St. Paul, assignor to Young Engineering Laboratories, Inc., Minneapolis, Minn. Bottle cap. 108,353; Feb. 8.
- Younghusband, James L., Chicago, Ill. Perfume bottle or similar container. 112,545; Dec. 13.
- Zacharias, James L., Chicago, Ill. Miniature religious shrine. 112,015; Nov. 1.
- Zack, Samuel E., assignor to Gulbrandsen Company, Chicago, Ill. Piano case. 112,352; Nov. 29.
- Zack, Samuel E., assignor to Gulbrandsen Company, Chicago, Ill. Piano case. 112,353; Nov. 29.
- Zagel, Samuel J., Chicago, Ill. Combined lamp and supporting bracket. 111,886; Oct. 25.
- Zahn, Philip, New York, N. Y. Dress. 111,168; Sept. 6.
- Zahn, Philip, New York, N. Y. Dress. 112,506; Dec. 6.
- Zahn, Samuel, New York, N. Y. Dress. 107,834; Jan. 4.
- Zahn, Samuel, New York, N. Y. Dress. 107,935; Jan. 11.
- Zahn, Samuel, New York, N. Y. Dress. 107,936; Jan. 11.
- Zahn, Samuel, New York, N. Y. Dress ensemble. 108,061; Jan. 18.
- Zahn, Samuel, New York, N. Y. Dress. 108,410; Feb. 8.
- Zahn, Samuel, New York, N. Y. Dress. 108,411; Feb. 8.
- Zahn, Samuel, New York, N. Y. Dress. 108,688; Mar. 1.
- Zahn, Samuel, New York, N. Y. Dress. 109,379; Apr. 19.
- Zahn, Samuel, New York, N. Y. Dress. 111,039; Aug. 23.
- Zahn, Samuel, New York, N. Y. Dress. 111,925; Oct. 25.
- Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, De Kalb, Ill. Piano. 110,264; June 28.
- Zapf, John A., Ottawa Hills, Ohio, assignor to Gerlitz Adrian Manufacturing Corporation, Adrian, Mich. Soap holder or similar article. 112,227; Nov. 15.
- Zaretzky, Oscar, New York, N. Y. Combination dress. 108,511; Feb. 1.
- Zaun, Harry C., Atlantic Beach, N. Y. Electric glow lamp. 112,391; Nov. 29.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 108,170; Jan. 25.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 109,751; May 17.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 109,953; May 31.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 109,954; May 31.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 109,955; May 31.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 109,956; May 31.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 109,957; May 31.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 110,063; June 7.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 110,102; June 14.



- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 110,382; July 5.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 110,654; July 26.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 110,655; July 26.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 110,947; Aug. 16.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 111,053; Aug. 23.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 111,102; Aug. 30.
- Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 111,192; Sept. 6.
- Zelinka, David, New York, N. Y. Coat. 111,823; Oct. 18.
- Zell, David H., Brooklyn, N. Y. Vanity case or similar article. 108,590; Feb. 22.
- Zell, David H., Brooklyn, N. Y. Coin bank. 111,193; Sept. 6.
- Zellweger, Gustav, Palsades, N. J. Lace insert or similar article. 107,916; Jan. 11.
- Zellweger, Gustav, Palsades, N. J. Lace fabric or similar article. 108,095; Jan. 25.
- Zellweger, Gustav, Palsades, N. J. Lace insert or similar article. 108,096; Jan. 25.
- Zellweger, Walter, Flushing, N. Y. Shoe or similar article. 107,814; Jan. 4.
- Zeman, Bernard R., Providence, R. I., assignor to Swank Products, Inc. Cravat holder. 110,299; June 28.
- Zendman, Isaac, Jr., New York, N. Y. Lace. 110,232; June 21.
- Zendman, Isaac, Jr., New York, N. Y. Lace. 110,233; June 21.
- Zendman, Isaac, Jr., New York, N. Y. Lace. 110,234; June 21.
- Zendman, Isaac, Jr., New York, N. Y. Lace. 110,425; July 5.
- Zenith Radio Corporation. (See Noguchi, Isamu, assignor.)
- Zeus Corporation. (See Cippico, Giuseppe, assignor.)
- Zidek, Stephen. (See Krueger, Arthur W., assignor.)
- Zim Manufacturing Company. (See Berkman, Herbert A., assignor.)
- Zimmer, Myron J., Chicago, Ill. Can opener. 112,628; Dec. 20.
- Zinn, Harry, New York, N. Y. Dress. 108,772; Mar. 8.
- Zinn, Harry, New York, N. Y. Dress. 109,585; May 3.
- Zinn, Harry, New York, N. Y. Dress. 110,682; July 26.
- Zinn, Harry, New York, N. Y. Dress. 110,683; July 26.
- Zinn, Harry, New York, N. Y. Dress. 112,507; Dec. 6.
- Zinn, Harry, New York, N. Y. Dress. 112,763; Dec. 27.
- Zinn, Joseph, New York, N. Y. Dress. 109,584; May 3.
- Zinn, Joseph, New York, N. Y. Dress. 110,407; July 5.
- Zinn, Joseph, New York, N. Y. Dress. 112,241; Nov. 15.
- Zinn, Joseph, New York, N. Y. Dress. 112,508; Dec. 6.
- Zohman, Charles, New York, N. Y. Adjustable vamp sandal. 112,629; Dec. 20.
- Zoppi, Mario. (See Bernardi, A., Logli, and Zoppi.)
- Zucker, Lillian, and H. Feigenbaum, New York, N. Y. Evening wrap. 111,824; Oct. 18.
- Zuckerman, Harry, New York, N. Y. Coat. 110,666; July 26.
- Zuckerman, Lena, New York, N. Y. Dress. 109,576; May 3.
- Zumft, George, Stony Brook, N. Y. Photo frame book. 112,415; Nov. 29.

## LIST OF DISCLAIMERS

- Abrams, Allen, and Charley L. Wagner, Wausau, Wis. (Two cases.) Disclaimers filed by the assignee, Marathon Paper Mills Company. Nos. 2,054,112 and 2,054,113; disclaimers filed Feb. 7, 1938; v. 488; p. 7.
- Abrams, Allen, Charley L. Wagner, and George W. Forcey, Wausau, Wis. Disclaimer filed by the assignee, Marathon Paper Mills Company. No. 2,054,116; disclaimer filed May 20, 1938; v. 491; p. 240.
- Altner, Joseph G., Chicago, Ill. Disclaimer filed by the patentee; the assignee, Universal Oil Products Company, approving and concurring. No. 2,005,527; disclaimer filed June 29, 1938; v. 492; p. 693.
- Altorfer, Alpheus W., Peoria, Ill. Disclaimer filed by the patentee. No. 1,868,343; disclaimer filed Nov. 14, 1938; v. 497; p. 24.
- Amberg, Walter E., Chicago, Ill. Disclaimer filed by the assignee, Universal Paper Products Company; the patentee approving. No. 2,139,614; disclaimer filed Dec. 8, 1938; v. 497; p. 761.
- Andres, William J., South Bend, Ind. (Two cases.) Disclaimers filed by the assignee, Bendix Brake Company. Nos. 1,708,167 and 1,708,168; disclaimers filed Sept. 24, 1938, and Oct. 17, 1938; v. 495; p. 490; and v. 496; p. 267.
- Arentzen, Einar M., Franklin, Pa. Disclaimer filed by the assignee, Joy Manufacturing Company. No. 1,785,402; disclaimer filed Oct. 29, 1938; v. 496; p. 849.
- Bale, Lester S., Shaker Heights, Ohio. Disclaimer filed by the assignee, The Standard Oil Company (Ohio). No. 2,103,927; disclaimer filed Mar. 22, 1938; v. 489; p. 458.
- Balle, Gerhard, and Kurt Eisfeld, Frankfort-on-the-Main, Germany. Disclaimer filed Aug. 4, 1938. No. 2,087,565; disclaimer filed Aug. 4, 1938; v. 493; p. 953.
- Barnack, Oskar, Wetzlar, Germany. Disclaimer filed by the assignee, Ernst Leitz, G. m. b. H. No. 1,931,313; disclaimer filed May 19, 1938; v. 491; p. 240.
- Barrett, Edward L., Chicago, Ill. Disclaimer filed by the assignee, Utah Radio Products Company; the patentee assenting. No. 1,924,082; disclaimer filed Aug. 4, 1938; v. 493; p. 712.
- Bazeley, Arthur J., Shaker Heights, Ohio. Disclaimer filed by the assignee, National Malleable and Steel Castings Company. No. 2,097,173; disclaimer filed Dec. 31, 1937; v. 486; p. 677.
- Beattie, William P., Norwood, Ohio. Disclaimer filed by the assignee, The American Laundry Machinery Company. No. 2,072,937; disclaimer filed June 24, 1938; v. 492; p. 477.
- Bechtold, Reuben E., Fort Wayne, Ind. Disclaimer filed by the assignee, S. F. Bowser Company, Incorporated. No. 1,826,340; disclaimer filed Nov. 10, 1938; v. 497; p. 24.
- Bedford, Burnice D., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,918,173; disclaimer filed September 28, 1938; v. 495; p. 705.
- Belshaw, Charles F., and William J. La Casse, Duluth, Minn. Disclaimer filed by the assignee, The Coolerator Company. No. 2,030,735; disclaimer filed Nov. 8, 1938; v. 497; p. 24.
- Benedict, Frank, Rutherford, N. J., and Paul E. Carter, Bronxville, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,037,875; disclaimer filed Jan. 17, 1938; v. 487; p. 189.
- Billing Noel Pemberton, London, England. Disclaimer filed by the patentee. No. 2,093,399; disclaimer filed Jan. 8, 1938; v. 487; p. 1.
- Blevins, Herman G., Sewickley, Pa. Disclaimer filed by the assignee, Republic Steel Corporation. No. 1,982,415; disclaimer filed June 8, 1938; v. 492; p. 1.
- Bradley, Eric H., Cincinnati, Ohio. Disclaimer filed by the assignee, National Pumps Corporation. No. 2,026,959; disclaimer filed Jan. 26, 1938; v. 487; p. 429.
- Britton, Edgar C., Wesley C. Stoesser, and Gerald G. Goergen, Midland, Mich. Disclaimer filed by the assignee, The Dow Chemical Company. No. 2,022,634; disclaimer filed Mar. 25, 1938; v. 489; p. 458.
- Brizzolara, Robert T., New Dorp, N. Y. Disclaimer filed by the assignee, Joseph A. Martocello. No. 1,709,709; disclaimer filed Oct. 1, 1938; v. 495; p. 490.
- Brown, Walter John, Brooklands, England. Disclaimer filed by the patentee. No. 1,750,386; disclaimer filed May 28, 1938; v. 491; p. 470.
- Brubaker, Walter S., and Armas J. Saarinen, San Francisco, Calif. Disclaimer filed by the assignee, Granberg Meter Corporation; disclaimer filed Apr. 13, 1938; v. 490; p. 736.
- Bryce, James W., Bloomfield, N. J. Disclaimer filed by the assignee, International Business Machines Corporation. No. 1,908,112; disclaimer filed May 19, 1938; v. 491; p. 240.
- Burstyn, Walther, and Walter Tausig, Berlin, Germany. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,923,254; disclaimer filed May 11, 1938; v. 491; p. 240.
- Bushnell, Charles S., and Winfred T. Powell, Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,060,413; disclaimer filed Apr. 4, 1938; v. 489; p. 673.
- Busse, Warren F., Cuyahoga Falls, Ohio. Disclaimer filed by the assignee, The B. F. Goodrich Company. No. 2,136,373; disclaimer filed Nov. 25, 1938; v. 497; p. 564.
- Campbell, John and Robert G. Quinn, Glens Falls, N. Y. Disclaimer filed by the assignee, International Paper Company. No. 2,026,865; disclaimer filed Apr. 22, 1938; v. 490; p. 736.
- Castles, Eugene F., Glen Ridge, N. J. (Two cases.) Disclaimers filed by the assignee, Collins & Aikman Corporation. Nos. 2,110,866 and 2,110,867; disclaimers filed June 15, 1938; v. 492; p. 1.
- Chapman, Frank D., Berlin, Wis. Disclaimer filed by the assignee, Berlin Chapman Company. No. 2,049,639; disclaimer filed Oct. 27, 1938; v. 496; p. 580.
- Crossley, Alfred, and Charles C. Neighbors, Chicago, Ill. Disclaimer filed by the assignee, Johnson Laboratories, Inc. No. 1,978,568; disclaimer filed Aug. 27, 1938; v. 494; p. 478.
- Culbertson, Albert B., Jr., St. Louis, Mo. Disclaimer filed by the assignee, Standard Oil Company (Indiana). No. 2,099,434; disclaimer filed June 16, 1938; v. 492; p. 256.



- Curtis, Leslie F., Springfield, Mass. Disclaimer filed by the patentee; the assignee, Hazeltine Corporation, assenting. No. 2,033,330; disclaimer filed Mar. 8, 1938; v. 488; p. 885.
- Daimler, Karl, and Carl Platz, Frankfurt-on-the-Main, Germany. Disclaimer filed by the assignee, General Aniline Works, Inc. No. 2,082,275; disclaimer filed Aug. 4, 1938; v. 493; p. 953.
- Dalmer, Otto, Claus Diehl, and Hartmann Pieper, Darmstadt, Germany. Disclaimer filed by the patentees; the assignee, Merck & Co., Inc., concurring. No. 2,098,954; disclaimer filed Apr. 11, 1938; v. 490; p. 254.
- Davis, Arthur Byron, Springfield, Ohio. Disclaimer filed by the patentee. No. 1,594,356; disclaimer filed July 2, 1938; v. 493; p. 1.
- De Boer, Rudolph F., Grand Rapids, Mich. Disclaimer filed by the assignee, Applied Arts Corporation. No. 2,000,275; disclaimer filed Aug. 31, 1938; v. 494; p. 723.
- De Forest, Lee, Los Angeles, Calif. Disclaimer filed by the assignee, American Television Laboratories, Inc. No. 2,045,570; disclaimer filed Oct. 14, 1938; v. 496; p. 267.
- Dicke, Oscar H., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,045,900; disclaimer filed May 5, 1938; v. 490; p. 974.
- Dickieson, Edward F., Jr., Detroit, Mich. Disclaimer filed by the assignee, Bendix Products Corporation. No. 2,084,387; disclaimer filed Mar. 2, 1938; v. 488; p. 885.
- Dierker, Hugh E., Ocean Park, Calif. Disclaimer filed by the patentee. No. 1,910,756; disclaimer filed Oct. 31, 1938; v. 497; p. 761.
- Dirkes, Robert F., Jamaica, and George I. Roberts, New York, N. Y. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 1,968,818; disclaimer filed Aug. 3, 1938; v. 493; p. 953.
- Douglas, James K., Milwaukee, Wis. Disclaimer filed by the assignee, The Oilgear Company. No. 2,056,896; disclaimer filed Jan. 22, 1938; v. 487; p. 429.
- Dunmore, Francis W., Washington, D. C. Disclaimer filed by the patentee and the exclusive licensee, Dubilier Condenser Corporation. No. 1,635,117; disclaimer filed Aug. 16, 1938; v. 494; p. 241.
- Dunmore, Francis W., and Percival D. Lowell, Washington, D. C. Disclaimer filed by the patentees and the exclusive licensee, Dubilier Condenser Corporation. No. 1,606,212; disclaimer filed Aug. 16, 1938; v. 494; p. 10.
- Dunn, William G., Clarinda, Iowa. Disclaimer filed by the patentee. No. 2,102,309; disclaimer filed Nov. 3, 1938; v. 496; p. 1103.
- Dunning, Orville M., Glen Ridge, and Richard M. Somers, Orange, N. J. Disclaimer filed by the assignee, Thomas A. Edison, Incorporated. No. 2,075,978; disclaimer filed Feb. 19, 1938; v. 488; p. 444.
- Erickson, Carl P., Connerville, Ind. Disclaimer filed by the assignee, Servel, Inc. No. 2,079,608; disclaimer filed Nov. 29, 1938; v. 497; p. 564.
- Evans, Drue M., and William C. Dorsett, Texas City, Tex. Disclaimer filed by the assignee, Petroleum Conversion Corporation. No. 1,957,449; disclaimer filed July 8, 1938; v. 493; p. 208.
- Fenske, Merrell R., and Wilbert B. McCluer, State College, Pa. Disclaimer filed by the assignee, Pennsylvania Petroleum Research Corporation. No. 2,064,422; disclaimer filed Oct. 20, 1938; v. 496; p. 580.
- Fleld, John, Fairfield, Conn. Disclaimer filed by the assignee, United States Rubber Products, Inc.; The Warner Brothers Company, former assignee, consenting. No. 1,919,292; disclaimer filed Dec. 27, 1937; v. 486; p. 677.
- Finley, Walter H., and Charles H. Hamilton, Nashville, Tenn. Disclaimer filed by the patentees; the assignee, Finley & Hamilton, Inc., affirming, concurring, and consenting. No. 2,064,343; disclaimer filed Mar. 14, 1938; v. 489; p. 229.
- Firth, David, Flint, Mich. Disclaimer filed by the assignee, Borg-Warner Corporation. No. 1,966,201; disclaimer filed Mar. 28, 1938; v. 489; p. 673.
- Fiske, Augustus H., Warren, R. I. Disclaimer filed by the assignee, Rumford Chemical Works. No. 2,092,913; disclaimer filed Oct. 22, 1938; v. 496; p. 849.
- Floss, Carl W., Detroit, Mich. Disclaimer filed by the patentee. No. 1,968,288; disclaimer filed June 13, 1938; v. 492; p. 1.
- Foltz, Raymond D., East Orange, N. J. Disclaimer filed by the assignee, M. H. Detrick Company. No. 1,747,822; disclaimer filed May 21, 1938; v. 491; p. 240.
- Foulds, William C., Philadelphia, Pa. Disclaimer filed by the assignee, Allis-Chalmers Manufacturing Company. No. 1,927,027; disclaimer filed Feb. 7, 1938; v. 488; p. 211.
- Freedlander, Abraham L., and Joseph Rockoff, Dayton, Ohio. Disclaimer filed by the assignee, The Dayton Rubber Manufacturing Company; the patentee, joining and concurring. No. 2,113,724; disclaimer filed July 26, 1938; v. 493; p. 712.
- Frey, Frederick B., Bartlesville, Okla. Disclaimer filed by the assignee, Phillips Petroleum Company. No. 1,847,240; disclaimer filed Aug. 10, 1938; v. 494; p. 10.
- Fullman, James M. G., Sewickley, Pa. Disclaimer filed by the assignee, National Electric Products Corporation, and the exclusive licensee, The Thomas & Betts Co. No. 1,769,947; disclaimer filed Aug. 19, 1938; v. 494; p. 10.
- Fyler, George W., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,065,369; disclaimer filed Jan. 8, 1938; v. 487; p. 1.
- Garvey, Edmond Peter, Springfield, Mass. Disclaimer filed by the assignee, United American Bosch Corporation. No. 2,055,431; disclaimer filed Apr. 4, 1938; v. 489; p. 673.
- Gehres, Hewitt A., Mount Vernon, N. Y. Disclaimer filed by the assignee, The Cooper-Bessemer Corporation. No. 1,969,507; disclaimer filed June 25, 1938; v. 492; p. 477.
- Gotwals, Jr., William L., Norristown, Pa. Disclaimer filed by the assignee, John Wood Manufacturing Company, Inc. No. 2,067,152; disclaimer filed May 18, 1938; v. 491; p. 240.
- Griffin, Norval Burris, Portsmouth, Ohio. Disclaimer filed by the assignee, The Selby Shoe Co. No. 2,050,210; disclaimer filed Jan. 27, 1938; v. 487; p. 671.
- Groene, William F., and George W. Luning, Cincinnati, Ohio. Disclaimer filed July 27, 1938. Re. No. 19,905; disclaimer filed July 27, 1938; v. 493; p. 953.
- Hagan, Hugh L., Oakland, Calif. Disclaimer filed by the assignee, Frank C. Brady. No. 1,584,531; disclaimer filed June 22, 1938; v. 492; p. 477.
- Handler, Alfred A., Cleveland, Ohio. Disclaimer filed by the assignee, Aluminum Company of America. No. 1,995,451; disclaimer filed Mar. 1, 1938; v. 488; p. 885.
- Handy, James Otis, Larchmont, N. Y. Disclaimer filed by the assignee, Albert M. Austin, as trustee. No. 2,062,903; disclaimer filed July 7, 1938; v. 493; p. 1.
- Hayes, Carl I., Providence, R. I. Disclaimer filed Apr. 19, 1938. No. 1,808,721; disclaimer filed Apr. 19, 1938; v. 490; p. 736.
- Herbst, John A., Rivervale, N. J. Disclaimer filed by the assignee, The Teleregister Corporation. No. 2,074,392; disclaimer filed Apr. 8, 1938; v. 490; p. 254.
- Hines, Francis J., Brooklyn, N. Y. (Three cases.) Disclaimers filed by the assignee, Hines Electrical Specialties, Inc. Nos. 1,645,950, 1,823,143, and 1,852,459; disclaimers filed May 3, 1938; v. 490; p. 736 and 974.
- Hobart, Floyd B., Columbus, Ohio. Disclaimer filed by the assignee, The Battelle Development Corporation. No. 1,944,008; disclaimer filed Apr. 29, 1938; v. 490; p. 736.
- Hobson, Roy C., Willoughby Township, Ohio. Disclaimer filed by the assignee, National Malleable and Steel Castings Company. No. 2,061,767; disclaimer filed Jan. 11, 1938; v. 487; p. 1.
- Hopkinson, Ernest, New York, N. Y., and Daniel F. Dalton, Waterbury, Conn. Disclaimer filed by the assignee, Talon, Inc. No. 1,960,010; disclaimer filed June 2, 1938; v. 492; p. 1.
- Howard, William R., Washington, D. C. Disclaimer filed by the patentee; the assignee Universal Oil Products Company, approving and concurring. Re. No. 18,357; disclaimer filed July 22, 1938; v. 493; p. 449.
- Hund, William J., and Ludwig Rosenstein, San Francisco, Calif. Disclaimer filed by the assignee, Shell Development Company. No. 1,990,453; disclaimer filed July 22, 1938; v. 493; p. 449.
- Hunt, Scott F., South Bend, Ind. Disclaimer filed by the assignee, Bendix Aviation Corporation. No. 1,996,245; disclaimer filed May 26, 1938; v. 491; p. 470.
- Hunt, Wilber V., North Acton, Mass. Disclaimer filed by the patentee. No. 2,103,288; disclaimer filed Sept. 30, 1938; v. 495; p. 705.
- Johnson, John A., Woodhaven, N. Y. Disclaimer filed by the assignee, Crown Cork & Seal Company, Inc. No. 1,852,578; disclaimer filed Dec. 1, 1938; v. 497; p. 564.
- Johnson, Theodore, Erie, Pa. (Two cases.) Disclaimers filed by the assignee, Johnson Metal Products Co., and the licensee, Detroit Steel Products Company. Re. No. 20,540 and No. 1,841,187; disclaimers filed Oct. 17 and Nov. 3, 1938; v. 496; p. 18; and v. 496; p. 1103.
- Karr, Alfred D., Newark, N. J., and Karl D. Perkins, New York, N. Y. Disclaimer filed by the assignee, Auditorium Conditioning Corporation. No. 1,846,875; disclaimer filed Jan. 13, 1938; v. 487; p. 189.
- Kemmer, Frank R., Larchmont, N. Y. Disclaimer filed by the assignee, Magnesium Products, Incorporated. No. 1,964,853; disclaimer filed May 21, 1938; v. 491; p. 240.
- Kingsley, George A., Jackson, Mich. Disclaimer filed by the assignee, Hayes Industries, Inc. No. 2,088,296; disclaimer filed July 30, 1938; v. 493; p. 953.
- Klammann, Emil, Jersey City, N. J. Disclaimer filed Apr. 27, 1938. No. 1,960,801; disclaimer filed Apr. 27, 1938; v. 490; p. 736.
- Klocke, William, Woodhaven, N. Y., and Lee H. Carter, Cleveland, Ohio. Disclaimer filed by the patentees. No. 2,023,507; disclaimer filed Mar. 12, 1938; v. 489; p. 229.
- Köster, Werner, Dortmund, Germany. Disclaimer filed by the assignee, Deutsche Edelstahlwerke A. G. No. 1,928,382; disclaimer filed Aug. 2, 1938; v. 491; p. 10.
- Kroesen, Jay Clebs, Belleville, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,776,123; disclaimer filed Feb. 1, 1938; v. 487; p. 671.



- Kroll, Harry David, Los Angeles, Calif. Disclaimer filed Mar. 30, 1938; No. 2,071,544; disclaimer filed Mar. 30, 1938; v. 490; p. 736.
- Kuyper, Peter H., Pella, Iowa. (Three cases.) Disclaimers filed by the assignee, Rolscreen Company. Re. No. 20,133 and Nos. 1,993,173 and 1,634,367; disclaimers filed Oct. 28, 1938; v. 496; p. 849.
- La Brie, Ludger E., South Bend, Ind. (Two cases.) Disclaimers filed by the assignee, Bendix Brake Company. Nos. 1,634,367 and 1,727,994; disclaimers filed Sept. 24 and Oct. 17, 1938; v. 495; p. 490; and v. 496; p. 267.
- Langford, George, Joliet, Ill. Disclaimer filed by the assignee, McKenna Process Company of Illinois. Re. No. 19,638; disclaimer filed Mar. 5, 1938; v. 488; p. 885.
- Lansing, Raymond P., Montclair, N. J. Disclaimer filed by the assignee, Eclipse Machine Company. No. 1,994,614; disclaimer filed Aug. 26, 1938; v. 494; p. 478.
- Laudensack, Albert F., New Haven, Conn. Disclaimer filed by the patentee; the assignee, Winchester Repeating Arms Company, concurring. No. 2,069,887; disclaimer filed Sept. 2, 1938; v. 494; p. 725.
- Leibing, William E., Sausalito, Calif. (Two cases.) Disclaimers filed by the assignee, Leibing Automotive Device, Inc. Nos. 2,026,947 and 2,068,298; disclaimers filed Oct. 20, 1938; v. 496; p. 580.
- Leishman, Le Roy J., Los Angeles, Calif. Disclaimer filed by the patentee. No. 2,084,854; disclaimer filed Feb. 14, 1938; v. 488; p. 444.
- Leonard, Edward A., Chicago, Ill. Disclaimer filed by the assignee, The Lehon Company. No. 2,037,802; disclaimer filed Feb. 14, 1938; v. 488; p. 444.
- Lindsey, Ernest E., San Francisco, Calif. Disclaimer filed by the patentee; the assignee, Insta-Freeze Corporation, consenting and approving. No. 2,025,757; disclaimer filed Apr. 2, 1938; v. 489; p. 673.
- MacChesney, Chester M., Ralph H. Norton, and John Ekern Ott, Chicago, Ill. Disclaimer filed by the assignee, Acme Steel Company. No. 1,885,742; disclaimer filed Apr. 21, 1938; v. 490; p. 483.
- MacCubbin, Alexander A., Montclair, and Joseph Zavertnik, Jr., Harrington Park, N. J. Disclaimer filed by the assignee, Warren W. Grimm. No. 1,907,328; disclaimer filed Dec. 29, 1937; v. 486; p. 677.
- Mackay, Malcolm S., Englewood, N. J. Disclaimer filed by the assignee, Bendix Aviation Corporation. No. 2,112,704; disclaimer filed Nov. 2, 1938; v. 496; p. 1103.
- MacLaren, Frederick H., Calumet City, Ill. Disclaimer filed by the assignee, Standard Oil Company. No. 2,030,307; disclaimer filed Aug. 8, 1938; v. 494; p. 10.
- Magness, Laurence F., Baltimore, Md. Disclaimer filed by the assignee, The American Oil Company. No. 1,954,939; disclaimer filed Oct. 20, 1938; v. 496; p. 580.
- Malm, Carl J., and Gale F. Nadeau, Rochester, N. Y. Disclaimer filed by the assignee, Eastman Kodak Company. No. 2,036,423; disclaimer filed May 5, 1938; v. 490; p. 974.
- Mandelbaum, Malvin R., Elizabeth, N. J. Disclaimer filed by the assignee, The Gray Processes Corporation. No. 1,868,474; disclaimer filed Mar. 16, 1938; v. 489; p. 458.
- Mandell, Ambrose J., Westfield, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,103,267; disclaimer filed June 11, 1938; v. 492; p. 1.
- Mayer, Josef, Karlsbad, Czechoslovakia. Disclaimer filed by the assignee, The Philad Company. Re. No. 18,841; disclaimer filed May 20, 1938; v. 491; p. 240.
- McCabe, John J., Cleveland, Ohio. Disclaimer filed by the assignee, The Apex Electrical Manufacturing Company. No. 2,067,719; disclaimer filed Mar. 28, 1938; v. 489; p. 458.
- McFadden, Ross M., Los Angeles, Calif. Disclaimer filed by the patentee. No. 2,106,326; disclaimer filed Sept. 16, 1938; v. 495; p. 213.
- McFarlane, Maynard Leslie Deedes, New York, N. Y., and Harry Guy Bartholomew, London, England. Disclaimer filed by the patentees. No. 1,910,556; disclaimer filed Apr. 5, 1938; v. 489; p. 673.
- McLennan, Miles A., Riverton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,035,176; disclaimer filed Dec. 15, 1937; v. 486; p. 6.
- Mensch, Leopold J., Kenilworth, Ill. Disclaimer filed by the patentee; the assignee, Unit Dowel Join Company, consenting. No. 2,063,552; disclaimer filed June 18, 1938; v. 492; p. 256.
- Mershon, Ralph D., New York, N. Y. Disclaimer filed by the patentee. No. 1,784,674; disclaimer filed May 17, 1938; v. 491; p. 240.
- Miller, Christian, New York, N. Y. Disclaimer filed by the patentee; the assignee, Edwards and Company, Inc., assenting and concurring. No. 1,699,491; disclaimer filed Dec. 15, 1937; v. 486; p. 459.
- Minton, Paul, Chatham, N. J. Disclaimer filed by the assignee, Minton Manufacturing Company. No. 1,991,959; disclaimer filed Jan. 8, 1938; v. 487; p. 189.
- Miserez, Constant A., Montreal, Quebec, Canada. Disclaimer filed by the assignee, Talon, Inc. No. 2,080,984; disclaimer filed Dec. 22, 1937; v. 486; p. 459.
- Mittag, Albert H., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,902,460; disclaimer filed Dec. 8, 1937; v. 486; p. 6.
- Morrison, Willard L., Lake Forest, Ill. (Three cases.) Disclaimers filed by the patentee. Nos. 2,002,234 and 2,002,235; disclaimers filed Jan. 8 and May 2, 1938; v. 487; p. 189; and v. 490; p. 736.
- Orthner, Ludwig, Leverkusen-I. G.-Werk und Wilhelm Becker, Cologne-Mulheim, Germany. Disclaimer filed by the assignee, I. G. Farbenindustrie Aktiengesellschaft. No. 2,050,370; disclaimer filed Feb. 12, 1938; v. 488; p. 211.
- Ostrander, Robert F., New Haven, Conn. Disclaimer filed by the patentee; the assignee, Modine Manufacturing Company, consenting. No. 2,049,545; disclaimer filed June 29, 1938; v. 493; p. 1.
- Pacz, Aladar, Cleveland, Ohio. Disclaimer filed by the assignee, General Electric Company. No. 1,410,499; disclaimer filed June 16, 1938; v. 492; p. 255.
- Pennington, Harry, Houston, Tex. Disclaimer filed by the patentee. No. 1,822,710; disclaimer filed June 16, 1938; v. 492; p. 256.
- Petersen, Axel Carl Georg, Copenhagen, Denmark. Disclaimer filed by the inventor. No. 1,997,976; disclaimer filed Dec. 27, 1937; v. 487; p. 1.
- Peterson, Harold Olaf, and De Witt Rugg Goddard, Riverhead, N. Y. (Two cases.) Disclaimers filed by the assignee, Radio Corporation of America. No. 1,987,867; disclaimers filed June 18, and July 1, 1938; v. 492; p. 256; and v. 493; p. 1.
- Pike, Harry Loyd, Hampton, Va. Disclaimer filed by the assignee, Bendix Products Corporation. No. 2,086,364; disclaimer filed Nov. 7, 1938; v. 497; p. 24.
- Pipes, Pliny P., Mansfield, Ohio. Disclaimer filed by the assignee, The Ohio Brass Company. No. 2,045,333; disclaimer filed Feb. 17, 1938; v. 488; p. 444.
- Pollard, John D., Baltimore, Md. Disclaimer filed by the assignee, Veader Leonard. No. 2,048,168; disclaimer filed June 25, 1938; v. 492; p. 693.
- Pollard, John D., Baltimore, Md. Disclaimer filed by the assignee, The Dow Chemical Company. No. 2,048,168; disclaimer filed Dec. 3, 1938; v. 497; p. 761.
- Polydoroff, Wladimir J., Chicago, Ill. Disclaimer filed by the assignee, Johnson Laboratories, Inc. No. 1,982,689; disclaimer filed Aug. 27, 1938; v. 494; p. 478.
- Popper, Max, Brooklyn, N. Y. Disclaimer filed by the assignee, Topstitch Machine Corp. No. 2,055,728; disclaimer filed June 11, 1938; v. 492; p. 1.
- Posthumus, Klaas, Eindhoven, Netherlands. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,996,830; disclaimer filed Jan. 19, 1937; v. 487; p. 189.
- Potts, Peter T., Chicago, Ill. Disclaimer filed by the assignee, Dixie-Vortex Company. No. 1,495,039; disclaimer filed Feb. 16, 1938; v. 488; p. 655.
- Prescott, Frank H., Anderson, Ind. Disclaimer filed by the patentee; the assignee, General Motors Corporation, consenting. 2,017,074; disclaimer filed Oct. 27, 1938; v. 496; p. 849.
- Prue, Walter W., Auburn, Maine. Disclaimer filed by the assignee, United Shoe Machinery Corporation. No. 2,073,025; disclaimer filed Feb. 17, 1938; v. 488; p. 444.
- Randolph, Alan F., Montclair, N. J. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,059,394; disclaimer filed Feb. 10, 1938; v. 488; p. 211.
- Rapp, Howard B., and Ralph E. Ablott, Santa Ana, Calif. Disclaimer filed by the assignee, Towner Manufacturing Company. No. 2,007,062; disclaimer filed July 29, 1938; v. 494; p. 10.
- Robinson, Lewis T., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,854,159; disclaimer filed Aug. 13, 1938; v. 494; p. 10.
- Rosenberg, Abraham, Brooklyn, N. Y. Disclaimer filed by the patentee and the assignee, Lillian Rosenberg. No. 2,024,704; disclaimer filed Mar. 1, 1938; v. 489; p. 6.
- Ruthven, Alfred L., Buffalo, N. Y. Disclaimer filed by the assignee, Edward W. Parlee. No. 1,470,107; disclaimer filed Feb. 28, 1938; v. 489; p. 229.
- Sabbah, Camil A., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,998,943; disclaimer filed Mar. 22, 1938; v. 489; p. 458.
- Samuel, Arthur L., Orange, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,063,342; disclaimer filed Feb. 5, 1938; v. 488; p. 211.
- Sauer, Albert H., Jr., Cincinnati, Ohio. Disclaimer filed by the patentee. No. 2,035,671; disclaimer filed Mar. 7, 1938; v. 488; p. 885.
- Schletter, Richard E., Philadelphia, Pa. (Two cases.) Disclaimers filed by the assignee, Textile Machine Works. No. 1,713,628; disclaimers filed Jan. 31, and Mar. 5, 1938; v. 487; p. 671; and v. 488; p. 885.
- Schofield, Stanley T., Wilkinsburg, and Samuel H. Boden, Turtle Creek, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,100,753; disclaimer filed Aug. 26, 1938; v. 494; p. 241.
- Searle, Arthur M., George L. Hunt, and Robert J. M. Andrews, Aldwych, London, England. Disclaimer filed by the assignee, Western Electric Company, Incorporated. No. 2,060,250; disclaimer filed June 2, 1938; v. 491; p. 720.



- Seely, Thomas H., Melrose, Mass. Disclaimer filed by the assignee, United Shoe Machinery Corporation. No. 1,939,321; disclaimer filed Apr. 8, 1938; v. 490; p. 254.
- Sekyra, Charles Joseph, Troy, Ohio. Disclaimer filed by the patentee and the assignee, Kelvinator Corporation. No. 2,040,634; disclaimer filed Mar. 14, 1938; v. 489; p. 229.
- Serrurier, Iwan, Los Angeles, Calif. Disclaimer filed by the patentee. No. 2,062,016; disclaimer filed June 6, 1938; v. 491; p. 720.
- Shaw, Harold N., Erie, Pa. Disclaimer filed by the inventor. No. 2,001,219; disclaimer filed Mar. 7, 1938; v. 488; p. 885.
- Sinden, James W., State College, Pa. Disclaimer filed by the assignee, The Pennsylvania Research Corporation. No. 1,869,517; disclaimer filed Dec. 2, 1938; v. 497; p. 564.
- Smith, Alva T., Milwaukee, Wis. Disclaimer filed by the assignee, National Enameling and Stamping Company. No. 2,048,572; disclaimer filed Sept. 21, 1938; v. 495; p. 213.
- Smith, Lawrence E., Rochester, N. Y. Disclaimer filed by the assignee, Taylor Instrument Companies. No. 2,053,974; disclaimer filed Feb. 9, 1938; v. 488; p. 211.
- Smith, Robert W., Aldan, Pa. Disclaimer filed by the assignee, General Electric Company. No. 2,067,797; disclaimer filed Feb. 17, 1938; v. 488; p. 444.
- Snead, William Scott, Montclair, N. J. Disclaimer filed by the assignee, Snead & Company. No. 1,951,778; disclaimer filed Feb. 18, 1938; v. 488; p. 655.
- Sonneborn, John R., Willow Grove, Pa. Disclaimer filed by the assignee, Auto-Kraft Box Corporation. No. 1,646,563; disclaimer filed Apr. 2, 1938; v. 489; p. 673.
- Sparks, Robert L., Clayton, Mo. Disclaimer filed by the assignee, Alco Valve Company. No. 2,100,494; disclaimer filed Sept. 15, 1938; v. 495; p. 213.
- Stadfeld, Jacob A., San Francisco, Calif. Disclaimer filed by the assignee, Williams-Wallace Company. No. 2,013,193; disclaimer filed Feb. 25, 1938; v. 488; p. 444.
- Stalcup, Ernest F., Rutledge, and Millard A. Nelson, Prospect Park, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,093,216; disclaimer filed Mar. 16, 1938; v. 489; p. 229.
- Stoody, Winston F., Shelley M. Stoody, and Norman W. Cole, Whittier, Calif. Disclaimer filed by the assignee, Stoody Company. No. 1,757,601. Disclaimer filed June 27, 1938; v. 492; p. 693.
- Suydam, Clinton H., East Orange, N. J. Disclaimer filed by the assignee, International Standard Electric Corporation. No. 2,008,996; disclaimer filed Feb. 23, 1938; v. 488; p. 655.
- Swenson, Carl E., Rockford, Ill. Disclaimer filed by the assignee, Borg-Warner Corporation. No. 2,113,998; disclaimer filed Dec. 2, 1938; v. 497; p. 564.
- Taylor, Elbert A., Arlington Heights, Ill., Millard D. Pence, New York, N. Y., and Clayton A. Dunham, Glencoe, Ill. Disclaimer filed by the assignee, C. A. Dunham Company. Re. No. 20,310; disclaimer filed Mar. 24, 1938; v. 489; p. 457.
- Thompson, Edward S., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,088,623; disclaimer filed Mar. 22, 1938; v. 489; p. 458.
- Towner, Heber F., Santa Ana, Calif. Disclaimer filed by the assignees, Howard B. Rapp and Truman C. Rapp. Sally Rapp, guardian of said Truman C. Rapp. No. 1,627,356; disclaimer filed Feb. 1, 1938; v. 487; p. 671.
- Ulrich, Heinrich, and Karl Saurwein, Ludwigshafen-on-the-Rhine, Germany. Disclaimer filed by the assignee, I. G. Farbenindustrie Aktiengesellschaft. No. 1,897,741; disclaimer filed May 4, 1938; v. 490; p. 974.
- Van Wormer, George, Hamilton, Ohio. Disclaimer filed by the patentee. No. 1,947,748; disclaimer filed Sept. 26, 1938; v. 495; p. 490.
- Vogel, Fred J., Sharon, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,066,917; disclaimer filed Jan. 14, 1938; v. 487; p. 671.
- Vogt, Clarence W., Louisville, Ky. (Two cases.) Disclaimers filed by the assignee, The Girdler Corporation. Nos. 2,063,066 and 1,783,867; disclaimers filed Apr. 30 and Nov. 22, 1938; v. 490; p. 736; and v. 497; p. 267.
- Wean, Raymond J., Warren, Ohio. Disclaimer filed by the assignee, The Wean Engineering Company, Inc. No. 2,036,615; disclaimer filed Oct. 6, 1938; v. 496; p. 18.
- Wessman, Edwin G., Easton, Pa., and Henry A. Stone, Bogota, N. J. Disclaimer filed by the assignee, Dixie-Vortex Company. No. 1,766,420; disclaimer filed Apr. 7, 1938; v. 490; p. 254.
- Wheeler, Harold A., Great Neck, N. Y. Disclaimer filed by the patentee; the assignee, Hazeltine Corporation, assenting. No. 2,099,156; disclaimer filed Sept. 10, 1938; v. 495; p. 213.
- White, John William, Buffalo, N. Y. Disclaimer filed by the assignee, Bendix Products Corporation. No. 1,963,479; disclaimer filed Nov. 25, 1938; v. 497; p. 267.
- Whitehouse, Irving P., Erie, Pa. Disclaimer filed by the assignee, Hugh C. Lord. Re. No. 19,017; disclaimer filed June 6, 1938; v. 491; p. 720.
- Whittington, Ralph S., Oak Park, Ill. Disclaimer filed by the assignee, Bendix Products Corporation. No. 2,103,284; disclaimer filed Nov. 7, 1938; v. 497; p. 24.
- Wiegand, Edwin L., Dormont Borough, Pa. (Two cases.) Disclaimers filed by the patentee and the licensee, Edwin L. Wiegand Company. Nos. 1,614,330 and 1,614,331; disclaimers filed Nov. 2, 1938; v. 497; p. 23.
- Wiegand, Edwin L., Pittsburgh, Pa. Disclaimer filed by the patentee and the licensee, Edwin L. Wiegand Company. No. 1,613,426; disclaimer filed Nov. 2, 1938; v. 497; p. 22.
- Wiegand, Edwin L., Youngstown, Ohio. Disclaimer filed by the patentee and the licensee, Edwin L. Wiegand Company. No. 1,312,657; disclaimer filed Nov. 2, 1938; v. 497; p. 22.
- Wilcox, Isaac, Fulton, N. Y. Disclaimer filed by the assignee, Oswego Falls Corporation. No. 2,050,028; disclaimer filed Nov. 8, 1938; v. 497; p. 24.
- Willgoos, Andrew V. D., West Hartford, Conn. Disclaimer filed by the assignee, United Aircraft Corporation. No. 1,708,458; disclaimer filed Oct. 1, 1938; v. 495; p. 705.
- Williams, Fred D., Jr., New Rochelle, N. Y. Disclaimer filed by the assignee, Ruben Rectifier Corporation. No. 2,084,117; disclaimer filed Nov. 8, 1938; v. 497; p. 24.
- Williams, John J., Wheeling, W. Va. Disclaimer filed by the assignee, Hazel-Atlas Glass Company. No. 2,089,518; disclaimer filed Dec. 1, 1937; v. 486; p. 6.
- Winans, David M., Binghamton, N. Y. Disclaimer filed by the patentee. No. 2,031,519; disclaimer filed Apr. 4, 1938; v. 489; p. 673.
- Wolf, Frank F., Cattaraugus, N. Y. Disclaimer filed by the assignee, Oakes & Burger Company, Inc. No. 2,085,936; disclaimer filed Feb. 8, 1938; v. 488; p. 8.
- Youker, Malcolm P., Bartlesville, Okla. Disclaimer filed by the assignee, Phillips Petroleum Company. No. 2,076,013; disclaimer filed Apr. 21, 1938; v. 490; p. 736.



# LIST OF PLANT INVENTIONS

Carnation. A. F. J. Baur. 273-4; Apr. 19.  
 Carnation. R. Engle. 275; Apr. 19.  
 Gladiolus. C. Salbach. 280; June 21.  
 Hydrangea. J. H. Kluis. 276; Apr. 19.  
 Lily, Water. M. E. Randig. 294; Oct. 11.  
 Rose. D. Aicardi. 304; Nov. 8.  
 Rose. H. B. Brookins. 272; Apr. 12.  
 Rose. L. Burbank. 266; Jan. 4.  
 Rose. L. Burbank. 267; Jan. 4.  
 Rose. L. Burbank. 269; Feb. 1.  
 Rose. R. L. Byrum. 305; Nov. 29.  
 Rose. G. de Ruyter. 270; Feb. 1.  
 Rose. E. R. Dramm. 301; Nov. 1.  
 Rose. H. Hofmann. 286; Aug. 30.  
 Rose. M. H. Horvath. 287-8; Aug. 30.  
 Rose. M. H. Horvath. 296-9; Oct. 25.  
 Rose. F. H. Howard. 268; Jan. 18.  
 Rose. F. Meiland. 303; Nov. 8.

Rose. J. H. Nicolas. 279; May 17.  
 Rose. J. H. Nicolas. 285; Aug. 23.  
 Rose. I. Ringdahl. 295; Oct. 18.  
 Rose. F. C. Stielow. 292; Sept. 20.  
 Rose. E. Towill. 282; Aug. 16.  
 Rose plant. J. Gaujard. 284; Aug. 23.  
 Rose plant. J. N. Meadowcroft. 289; Aug. 30.  
 Rose plant. M. Tantau. 300; Nov. 1.  
 Rose, White. F. C. Stielow. 277; Apr. 26.  
 Snapdragon. C. H. Lothrop. 302; Nov. 1.  
 Snapdragon. L. A. Michler. 281; June 21.  
 Tree, Apple. T. E. Graham. 278; May 17.  
 Tree, Apple. T. E. Graham. 293; Oct. 4.  
 Tree, Peach. L. Burbank. 290-1; Sept. 6.  
 Tree, Peach. R. W. Fair. 283; Aug. 23.  
 Tree, Peach. M. Harpole. 271; Feb. 15.  
 Tree, Peach. L. Maillochon and E. Marlaud. 306; Nov. 29.



# LIST OF INVENTIONS

- A,B-dihalogenethylketones. O. Bayer and J. Nelles. 2,137,664; Nov. 22.
- Abietinyl-amino-anthrapyrimidines. K. Koeberle and O. Schlichting. 2,123,246; July 12.
- Abietyl compounds and products produced thereby. Treatment of. E. R. Littmann. 2,130,997; Sept. 20.
- Abietyl compounds and products produced thereby. Treatment of. E. R. Littmann. 2,137,576; Nov. 22.
- Abietyl derivatives and producing. Sulphonated hydrogenated. A. L. Rummelsburg. 2,107,508; Feb. 8.
- Abradant. F. G. Pellett. 2,123,062; July 5.
- Abrading and cutting apparatus. H. L. Brump and A. R. Lambert. 2,120,928; June 14.
- Abrading apparatus. K. H. Bowen. 2,113,106; Apr. 5.
- Abrading apparatus. H. W. Dempsey. 2,119,738; June 7.
- Abrading apparatus. E. O. Hamren. 2,119,812; June 7.
- Abrading apparatus. W. F. Keefer. 2,116,152-3; May 3.
- Abrading apparatus. W. L. Keefer. 2,108,005-6; Feb. 8.
- Abrading apparatus. W. L. Keefer. 2,119,813; June 7.
- Abrading apparatus. L. D. Peik. 2,104,055; Jan. 4.
- Abrading apparatus. W. A. Rosenberger. 2,103,210; Feb. 15.
- Abrading apparatus. W. A. Rosenberger and W. L. Keefer. 2,116,160; May 3.
- Abrading appliance. K. H. Bowen. 2,131,309; Sept. 27.
- Abrading device. R. T. Ecklund and P. C. Neilsen. 2,140,831; Dec. 20.
- Abrading device. F. Postma. 2,127,528; Aug. 23.
- Abrading device. Centrifugal. A. V. Hollingsworth. 2,135,510; Nov. 8.
- Abrading element, Unit. K. W. Connor. 2,106,205; Jan. 25.
- Abrading instrument. J. W. Gallo. 2,137,610; Nov. 22.
- Abrading liner. F. Postma. 2,141,823; Dec. 27.
- Abrading machine. P. H. Hutchinson. 2,122,942; July 5.
- Abrading machine. V. Kadri. 2,120,252; June 14.
- Abrading machine. W. A. Rosenberger and W. L. Keefer. 2,108,211; Feb. 15.
- Abrading roll. W. J. Maddox. Re. 20,817; Aug. 2.
- Abrading roller. P. G. Aulson. 2,130,409; Sept. 20.
- Abrasive. N. P. Robie. 2,138,882; Dec. 6.
- Abrasive and polishing machine, Surface. V. R. Pallas. 2,105,612; Jan. 18.
- Abrasive article. R. P. Carlton. Re. 20,946; Dec. 13.
- Abrasive article. R. P. Courtney. 2,123,055; July 19.
- Abrasive article. J. N. Kuzmick and L. S. Hilton. 2,122,691; July 5.
- Abrasive article. C. E. Wooddell, C. S. Nelson, and R. Lincoln. 2,115,897; May 3.
- Abrasive article and its manufacture. J. A. Boyer. 2,137,200-1; Nov. 15.
- Abrasive article and its manufacture. J. A. Boyer. 2,137,329; Nov. 22.
- Abrasive article and making same, Preformed. E. S. Merriam. Re. 20,868; Sept. 27.
- Abrasive article and manufacturing the same. N. P. Robie. 2,135,626; Nov. 8.
- Abrasive articles, Making. R. C. Benner and G. J. Easter. 2,136,931; Nov. 15.
- Abrasive articles, Making. W. D. Rossow. 2,136,022; Nov. 8.
- Abrasive articles, Making composite. A. L. Ball and A. G. Scutt. 2,110,143; Mar. 8.
- Abrasive articles, Manufacture of bonded. R. C. Benner and P. de Leeuw. 2,138,829; Dec. 6.
- Abrasive articles, Manufacture of flexible. R. C. Bryant. 2,108,645; Feb. 15.
- Abrasive articles, Manufacturing coated. H. C. Martin, P. A. Upper, and J. B. Aust. 2,129,954; Sept. 13.
- Abrasive articles, Producing. E. S. Merriam. 2,141,155; Dec. 20.
- Abrasive articles, Production of. R. C. Benner and P. de Leeuw. 2,138,830; Dec. 6.
- Abrasive articles, Shellac bonded. R. H. Martin. 2,110,630; Mar. 8.
- Abrasive assembly. J. E. Loewy. 2,118,409; May 24.
- Abrasive blast system, Low pressure. V. E. Minich. 2,108,545; Feb. 15.
- Abrasive body and making the same. E. D. Novotny. 2,111,248; Mar. 15.
- Abrasive coated material, Making. R. C. Benner and R. L. Melton. 2,128,907; Sept. 6.
- Abrasive device. F. O. Albertson. 2,132,917; Oct. 11.
- Abrasive device. J. L. Ballash. 2,137,009; Oct. 11.
- Abrasive device. A. W. Walker. 2,114,410; Apr. 10.
- Abrasive device for truing spherical surfaces. G. W. Person and S. F. Prescott. 2,130,987; Sept. 20.
- Abrasive drum for leather surfacing machines and the like. E. H. Van Valkenburgh. 2,141,962; Dec. 27.
- Abrasive elements, Making. J. E. Powell. 2,139,206; Dec. 6.
- Abrasive materials, Production of. N. P. Robie. 2,130,194; Sept. 13.
- Abrasive member and making the same. D. S. Hubbell. 2,113,729; Apr. 12.
- Abrasive, polishing, and like materials. R. S. Edwards. 2,115,197; Apr. 26.
- Abrasive product and making the same, Noncurling coated. N. E. Oglesby. 2,136,150; Nov. 8.
- Abrasive product and manufacturing the same, Coated. R. C. Benner and R. L. Melton. 2,128,905; Sept. 6.
- Abrasive product, Flexible coated. H. O. Anderson. 2,123,581; July 12.
- Abrasive products and making the same. N. P. Robie. 2,111,006; Mar. 15.
- Abrasive projecting apparatus. N. J. Quinn. 2,131,143; Sept. 27.
- Abrasive sheet, Composite. A. L. Ball. 2,129,661; Sept. 13.
- Abrasive sleeve and forming the same. D. E. Mulholland. 2,106,186; Jan. 25.
- Abrasive treater. G. C. Beck. 2,132,600; Oct. 11.
- Abrasive wheel. A. W. Mall. 2,116,272; May 3.
- Abrasive wheel. D. E. Mulholland. 2,115,210; Apr. 26.
- Abrasive wheel. E. Van der Pyl. 2,124,279; July 19.
- Absorbent solution for dehydrating air, Stabilized. W. Rosett. 2,133,334; Oct. 18.
- Absorbents for hydrogen sulphide. J. C. Goshorn and P. O. Rockwell. 2,121,793; June 28.
- Absorber and rebreathing mechanism for anesthetizing machines. J. A. Heidbrink. 2,136,244; Nov. 8.
- Absorption refrigerating apparatus. P. Scholl and C. Kühnel. Re. 20,921; Nov. 15.
- Abutment device, Hydraulic. J. F. Joy. 2,136,080; Nov. 8.
- Abutment, Hydraulic. P. Riley. 2,111,734; Mar. 22.
- Accelerating blasting plug. A. F. Dietz. 2,112,906; Apr. 5.
- Accelerating pump. J. Schweiss. 2,139,387; Dec. 6.
- Acceleration and brake control means, Combined. W. J. Smith. 2,119,299; May 31.
- Acceleration and deceleration controller. J. C. McCune. 2,140,640; Dec. 20.
- Acceleration control system. G. W. Baughman. 2,106,474; Jan. 25.
- Acceleration controller. E. E. Hewitt. 2,140,641; Dec. 20.
- Accelerator, Foot. E. B. Tripp. 2,137,596; Nov. 22.
- Accelerator for the vulcanization of rubber. W. Baird and J. S. H. Davies. 2,131,210; Sept. 27.
- Accelerator of vulcanization. W. Scott. 2,126,670; Aug. 9.
- Accelerators. A. M. Clifford. 2,129,525; Sept. 6.
- Accelerators. A. M. Clifford. 2,140,258; Dec. 13.
- Accelerators of vulcanization. H. I. Cramer. 2,123,845; July 12.
- Accessory for suction cleaners, Demonstration. F. M. Rhed. 2,112,304; Mar. 29.
- Accordion. E. Demianenko. 2,134,176; Oct. 25.
- Accordion. R. Pancotti. 2,105,365; Jan. 11.
- Accordion. F. Pollina. 2,114,085; Apr. 12.
- Accordion. N. Turturro. 2,111,953; Mar. 22.
- Accordion, Piano. C. E. Barber. 2,118,545; May 24.
- Accordion reed block construction. O. Schmidt. 2,113,564; Apr. 12.
- Accordion shift mechanism. C. Lindeberg. 2,136,112; Nov. 8.
- Accordions, Resounding-board for. A. Frontalini. 2,122,094; June 28.
- Accordions, Selective shift for. V. E. Morrison. 2,133,107; Oct. 11.
- Accounting machine. J. W. Bryce. 2,106,476-7; Jan. 25.
- Accounting machine. J. W. Bryce. 2,120,228; June 14.
- Accounting machine. J. W. Bryce and G. F. Daly. 2,138,337; Nov. 20.
- Accounting machine. C. Campbell. 2,126,615; Aug. 9.
- Accounting machine. J. T. Davidson. 2,138,482; Nov. 29.
- Accounting machine. G. V. Malmros. 2,138,641; Nov. 29.
- Accounting machine. R. L. Muller. 2,110,399; Mar. 8.
- Accounting machine. B. M. Shipley, P. Sbrulino, and E. H. Placke. 2,113,412; Apr. 5.
- Accounting means, Slip. A. M. Martin. 2,140,206-7; Dec. 13.
- Accounting, recording, and filing system, Visible. F. W. Salley. 2,122,956; July 5.
- Accumulator, Electric. E. W. L. Ramakers. 2,132,186; Oct. 4.
- Accuracy regulator. C. P. Bergman. 2,111,547; Mar. 22.
- Acetal, Cyclic. K. Rühig. 2,131,998; Oct. 4.
- Acetaldehyde, Manufacture of. H. Dreyfus. 2,114,208; Mar. 15.
- Acetals, Manufacture of pure and raw. A. Contardi and B. Clocca. 2,114,670; Apr. 10.
- Acetamide, Manufacture of. W. P. Munro, F. H. Northey, and H. Z. Lecher. 2,106,697; Jan. 25.
- Acetic acid and other lower fatty acids, Partial dehydration of. T. O. Wentworth. 2,114,825; Apr. 19.
- Acetic acid, Purification and decolorization of. E. C. Britton. 2,120,611; Aug. 9.



- Acetone-soluble cellulose acetate, Preparation of. G. A. Richter. 2,106,811; Feb. 1.
- Acetylene, Chlorination of. J. H. Reilly. 2,140,551; Dec. 20.
- Acetylene generator. G. M. Deming. 2,141,380; Dec. 27.
- Acetylene generator. M. P. De Motte. 2,106,971-2; Feb. 1.
- Acetylene generator. M. P. De Motte and C. H. Baker. 2,106,970; Feb. 1.
- Acetylene generator. J. G. Marshall. 2,126,902; Aug. 16.
- Acetylene generator. R. C. Sabins. 2,104,471; Jan. 4.
- Acetylene, Production of. O. Mues. 2,122,889; July 5.
- Acid and anhydride, Making maleic. H. B. Foster. 2,114,798; Apr. 19.
- Acid and caustic alkali, Apparatus for the electrolytic production of chromic. J. W. Boss. 2,116,138; May 3.
- Acid and concentrated nitric acid, Production of phosphoric. B. A. Bull. 2,130,483; Sept. 20.
- Acid and homologues thereof, Alkyl aromatic acetic. A. Steindorff, C. Platz, and J. Rosenbach. 2,111,820; Mar. 22.
- Acid and sodium sulphate, Manufacture of hydrochloric. H. Oehlert. 2,135,674; Nov. 8.
- Acid anhydride, Manufacture of a lower fatty. H. Dreyfus. 2,116,656; May 10.
- Acid, Apparatus for concentrating sulphuric. D. W. Bransky. 2,140,070; Dec. 13.
- Acid, Apparatus for the recovery of sulphuric. H. W. Sheldon. 2,108,870; Feb. 22.
- Acid by oxidizing impurities, Regenerating waste sulphuric. J. C. De Nooij, D. J. Gerritsen, and A. A. Jucker. 2,134,909; Nov. 1.
- Acid by the contact process, Manufacture of sulphuric. F. Carl. 2,112,689; Mar. 29.
- Acid by the contact process, Manufacture of sulphuric. C. F. R. Harrison, A. M. Clark, and C. L. Hilton. 2,136,298; Nov. 8.
- Acid calcium tetraphosphate and making the same. A. H. Fiske. 2,133,286; Oct. 13.
- Acid compounds, Preparing picric. J. C. Bird. 2,139,400; Dec. 6.
- Acid, Concentrating acetic. C. Coutor. 2,111,140; Mar. 16.
- Acid, Concentration of nitric. F. Carl. 2,139,721; Dec. 13.
- Acid, Dehydration of aqueous acetic. T. O. Wentworth. 2,123,348; July 12.
- Acid derivatives, Meta-xenyl phosphoric. E. C. Britton and S. L. Bass. 2,117,290; May 17.
- Acid derivatives of fatty acid diesters of glycols, Sulphuric. L. H. Flett. 2,136,379; Nov. 15.
- Acid derivatives of higher molecular organic amines, Sulphuric. O. Schenck. 2,114,256; Apr. 12.
- Acid derivatives of hydrocarbon oils and products thereof, Preparing. S. C. Fulton and H. G. Vesterdal. 2,111,911; Mar. 22.
- Acid derivatives of organic acid amides, Sulphuric. E. Rosenhauer. 2,120,512; June 14.
- Acid derivatives of organic acid amides, Sulphuric. E. Rosenhauer. 2,139,037; Dec. 6.
- Acid derivatives, Para-xenyl phosphoric. E. C. Britton and S. L. Bass. 2,117,291; May 17.
- Acid derivatives, Salicylic. R. A. Hall. 2,113,374; Apr. 5.
- Acid diamide of long chain aliphatic diamines and making the same, Aliphatic. G. J. Berchet. 2,132,388; Oct. 11.
- Acid diamides, Pyridine-ortho-dicarboxylic. M. Hartmann and H. Ensslin. 2,136,502; Nov. 15.
- Acid ester salts of leuco-vat-dyestuffs in dry state, Producing stable sulphuric. R. Ratti. 2,122,113; June 28.
- Acid esters, Alpha-salicylo-aliphatic. E. F. Grether and R. B. Du Vall. 2,116,347; May 3.
- Acid esters of aromatic orthohydroxy carboxylic acids, Furoic. W. Hlomez and L. Freedman. 2,140,052; Dec. 13.
- Acid esters of halogen-aminoanthraquinones, Sulphuric. O. Stallmann. 2,117,772; May 17.
- Acid esters of hydroxyalkylamino anthraquinones, Phosphorous. F. Baumann. 2,104,286; Jan. 4.
- Acid esters of hydroxyalkyl isalloxazines, Preparing phosphoric. R. Kuhn and H. Rudy. 2,111,491; Mar. 15.
- Acid esters of long chain alcohols, Hydroxy carboxylic. G. D. Graves. 2,122,716; July 5.
- Acid esters of methylene glycol, Polycarboxylic. H. Dreyfus. 2,115,709; May 3.
- Acid esters, Pseudo-azimido-benzene-amino-acyloctic. H. Johnner and G. Bonhöte. 2,136,135; Nov. 8.
- Acid esters, Tetraphosphoric. M. B. Katzman. 2,128,946; Sept. 6.
- Acid fluorides, Sulphamic. G. Schrader and O. Bayer. 2,130,038; Sept. 13.
- Acid from hot gas mixtures containing sulphur oxides, Recovering sulphuric. F. C. Zeisberg. 2,125,143; July 26.
- Acid from nitrated starch, Removal of. J. Helle and A. Kunz. 2,127,360; Aug. 16.
- Acid from waste materials, Making sulphuric. P. J. Harrington and H. G. Burks, Jr. 2,110,267; Mar. 8.
- Acid in liquids, Absorption of hydrochloric. F. W. Pardee, Jr. 2,127,571; Aug. 23.
- Acidity in mineral oils, Reducing organic. W. H. Sowers. 2,112,313; Mar. 29.
- Acid manufacture, Nitric. R. S. Richardson. 2,135,733; Nov. 8.
- Acid, Manufacture of boric. W. E. Burke and H. de Ropp. 2,104,009; Jan. 4.
- Acid, Manufacture of bromonaphthoic. D. A. W. Fairweather. 2,129,917; Sept. 13.
- Acid, Manufacture of Di-J. W. V. Wirth. 2,120,660; June 14.
- Acid, Manufacture of laeoascorbic. F. Elger. 2,129,317; Sept. 6.
- Acid, Manufacture of sulphuric. R. B. Ferguson. 2,104,858; Jan. 11.
- Acid, Manufacture of sulphuric. D. Tyrer and A. M. Clark. 2,128,108; Aug. 23.
- Acid manufacture, Phthalic. D. A. Rogers and E. W. Bowen. 2,128,323; Aug. 30.
- Acid of the dioxazine series, Dyestuff-sulphonic. H. Greune, M. Thiele, and G. Langhein. 2,139,617; Dec. 6.
- Acidophylis product and making it. S. M. Farr. 2,119,739; June 7.
- Acid, polybasic aliphatic acid resin, Producing oil-soluble phthalic. I. Rosenblum. 2,116,125; May 3.
- Acid, Preparation of guanyl-urea sulphonic. H. Z. Lecher and A. E. Pierce. 2,139,621; Dec. 6.
- Acid, Preparing aminosulphonic. M. Wyler. 2,109,952; Mar. 1.
- Acid process, Sulphuric. C. B. von Girsewald, W. Siecke, and M. Wohlwill. 2,115,091; Apr. 26.
- Acid, Production of citric. J. Zender. 2,121,064; June 21.
- Acid, Production of highly concentrated nitric. T. Hobler. 2,123,467; July 12.
- Acid, Production of succinic. E. E. Reid. 2,141,406; Dec. 27.
- Acid, Purification of lactic. A. D. McCallum. 2,125,383; Aug. 2.
- Acid, Purifying boric. F. F. Berg. 2,113,248; Apr. 5.
- Acid, Purifying tetraphosphoric. A. H. Fiske. 2,127,182; Aug. 23.
- Acid, Recovery of hydrocyanic. F. W. Sperr, Jr. 2,140,605; Dec. 20.
- Acid resistant and metal adherent compositions of matter and making same. L. C. Brunstrum and F. H. MacLaren. 2,119,522; June 7.
- Acid resisting alloy. R. B. McCauley. 2,117,191; May 10.
- Acid solution, Producing hypochlorous. P. Sanchez. 2,111,194; Mar. 15.
- Acid solutions, Concentrating. J. B. Castner and R. F. Peterson. 2,124,729; July 26.
- Acid substance, Sulphamic. F. Guenther and H. Holsten. 2,108,886-7; Feb. 22.
- Acid synthesis, Organic. D. J. Loder. 2,135,448; Nov. 1.
- Acid synthesis, Organic. D. J. Loder. 2,135,451; Nov. 1.
- Acid to remove fluorine, Treatment of phosphoric. C. F. Booth. 2,132,349; Oct. 4.
- Acids, Amino. L. Orther. 2,117,207; May 10.
- Acids, Amino azobenzene arsonic. A. E. Jurist. 2,112,244; Mar. 29.
- Acids and esters, Synthesis of aliphatic organic. D. J. Loder. 2,135,452; Nov. 1.
- Acids and esters thereof, Manufacturing substituted succinic. E. B. Towne. 2,120,688; June 14.
- Acids and making same, Polyamino carboxylic. F. Münz. 2,130,505; Sept. 20.
- Acids and manufacture, Sulpho. R. Kern. 2,125,072; July 26.
- Acids and new compounds obtainable thereby, Preparation of aminoanthraquinone sulphonic. H. R. Lee and D. X. Klein. 2,135,346; Nov. 1.
- Acids and preparing the same, Dicarboxylic. A. W. Ralston and S. T. Bauer. 2,133,008; Oct. 11.
- Acids and preparing the same, Hydroxylated fish oil fatty. A. W. Ralston and S. T. Bauer. 2,107,062; Feb. 1.
- Acids and preparing them, Chrysene carboxylic. H. Vollmann and H. Becker. 2,128,684; Aug. 30.
- Acids and preparing them, Methyl-aminoanthralene-sulphonic. A. Sieglitz. 2,124,863; July 26.
- Acids and preparing them, Quinophthalonemonosulphonic. G. Kränzlein, H. Schlichenmayer and L. Schörnig. 2,121,320; June 21.
- Acids and preparing them, Trifluoromethyl-aryl-sulphonic. A. Zitscher and H. Kehlen. 2,141,893; Dec. 27.
- Acids and their esters, Acryloxy carboxylic. D. E. Strain. 2,141,546; Dec. 27.
- Acids and their manufacture, 2-Naphtholsulphonic. A. Krebsner and F. Vannotti. 2,124,070; July 19.
- Acids and their salts and the preparation thereof, Mercurized halogen methane sulphonic. A. Binz and B. Hughes. 2,129,988; Sept. 13.
- Acids, Barbituric. G. Heilner. 2,139,583; Dec. 6.
- Acids, Catalytically hydrogenating high-molecular non-aromatic carboxylic. G. Schiller. 2,121,367; June 21.
- Acids, Concentrating organic. T. Evans and K. R. Edlund. 2,107,527; Feb. 8.
- Acids, Cyclic biguanyl sulphonic. H. Z. Lecher. 2,120,808; June 14.
- Acids, Dioxazine sulphonic. H. Greune, E. Sturm, and M. Reuter. 2,139,119; Dec. 6.
- Acids from gases containing the same, Removal of gaseous weak. H. Baehr and W. Wenzel. 2,106,446; Jan. 25.
- Acids from gases containing the same, Washing out of weak gaseous. H. Baehr, H. Mengdehl, and W. Wenzel. 2,137,602; Nov. 22.



- Acids from nitrohydrocarbons, Making carboxylic. S. B. Lippincott. 2,113,814; Apr. 12.
- Acids from nitrohydrocarbons, Producing carboxylic. S. B. Lippincott. 2,113,813; Apr. 12.
- Acids from nitrohydrocarbons, Production of carboxylic. S. B. Lippincott. 2,113,812; Apr. 12.
- Acids from olefines and carbon monoxide, Preparation of organic. D. J. Loder. 2,135,459; Nov. 1.
- Acids from SO<sub>2</sub> extract of light mineral oil distillates Sulphonic. O. H. Dawson. 2,115,843; May 3.
- Acids, Hydrogenating fatty. O. Brücke. 2,127,716; Aug. 23.
- Acids, Hydrogenation of higher fatty. W. Normann and G. von Schuckmann. 2,127,367; Aug. 16.
- Acids, Hydroxy-sulphonic. W. Kern. 2,134,446; Oct. 25.
- Acids, Manufacture of wax. R. J. Butz and R. C. Cantelo. 2,118,915; May 31.
- Acids of aliphatic ethers of high molecular weight, Preparing sulphonic. E. Waldmann and A. Chwala. 2,118,995; May 31.
- Acids of capillary action containing isocyclic ring-systems and a process of preparing them, Carboxylic. K. Schimmelschmidt. 2,130,989; Sept. 20.
- Acids of carboxylic acid amides and the production thereof, Sulphonic. H. Haussmann. 2,120,557; June 14.
- Acids of pyrazoloneamines and preparing them, Free methane-sulphonic. M. Bockmühl and L. Stein. 2,128,512; Aug. 30.
- Acids of the dioxazine series and preparing them, Dyestuff-sulphonic. A. Brunner, H. Greune, M. Thiele, and K. Thiess. 2,134,505; Oct. 25.
- Acids of the dioxazine series and preparing them, Dyestuff sulphonic. H. Greune and M. Thiele. 2,115,508; Apr. 26.
- Acids or anhydrides, Preparation of polybasic. W. M. Billing. 2,126,944; Aug. 16.
- Acids, Preparation of alkylated aromatic sulphonic. A. A. Cook and S. V. Valjavee. 2,133,282; Oct. 18.
- Acids, Preparation of amino. G. W. Rigby. 2,109,929; Mar. 1.
- Acids, Preparation of aromatic dihydro dicarboxylic. J. F. Walker. 2,135,062; Nov. 1.
- Acids, Preparation of hexolic. W. J. Toussaint. 2,115,892; May 3.
- Acids, Preparing substantially pure free mahogany sulphonic. G. A. Kessler and L. Salzmann. 2,125,300; Aug. 2.
- Acids, Preparing thymonucleic. H. L. Keil. 2,122,651; July 5.
- Acids, Purification and separation of aryl sulphonic. W. M. Lofton, Jr., J. H. Jones, A. K. Pyle, and A. A. Hoffmann. 2,125,189; July 26.
- Acids, Purification of naphthenic. F. J. Ewing. 2,133,766; Oct. 18.
- Acids, Purification of naphthenic. J. T. Rutherford. 2,108,448; Feb. 15.
- Acids, Purifying naphthenic. F. J. Ewing. 2,133,765; Oct. 18.
- Acids, Recovery of lower aliphatic. P. Knapp. 2,138,582; Nov. 29.
- Acids, Recovery of naphthenic. A. L. Blount. 2,136,608; Nov. 15.
- Acids, Refining of naphthenic. H. J. Donker. 2,131,938; Oct. 4.
- Acids, their esters and anhydrides, Catalytic hydrogenation of carboxylic. H. R. Arnold and W. A. Lazler. 2,116,552; May 10.
- Acids, Utilization of naphthenic. J. A. Wunsch. 2,120,537; June 14.
- Acoustic apparatus. C. C. Fisher. 2,115,924; May 3.
- Acoustic apparatus, Damping. C. A. Hartmann. 2,110,908; Mar. 15.
- Acoustic device. N. Blount. 2,123,177; July 12.
- Acoustic device. H. R. Clarke. 2,110,200; Mar. 8.
- Acoustic device. C. L. Farrand. 2,127,110; Aug. 16.
- Acoustic device. J. C. Karnes. 2,124,575; July 26.
- Acoustic device. T. G. Kinsley. 2,107,757; Feb. 8.
- Acoustic device. R. N. Marshall. 2,104,433; Jan. 4.
- Acoustic device. R. N. Marshall. 2,126,566; Aug. 9.
- Acoustic device. R. N. Marshall. 2,131,593; Sept. 27.
- Acoustic device. A. S. Ringel. 2,122,587; July 5.
- Acoustic device. F. F. Romanow. 2,106,813; Feb. 1.
- Acoustic device. A. E. Swickard. 2,141,420; Dec. 27.
- Acoustic device. J. O. Tiedje. 2,124,597; July 26.
- Acoustic device, Making an. R. J. Emmert. 2,116,106; May 3.
- Acoustic diaphragm and making same. M. W. Scheldorf. 2,106,815; Feb. 1.
- Acoustic element for sound studios. F. L. Hunt. 2,120,979; June 21.
- Acoustic receiver, Electric. E. L. Bowles. 2,130,414; Sept. 20.
- Acoustic rectifying device. S. C. Hight. 2,126,886; Aug. 16.
- Acoustic structure. E. Schenk. 2,140,210; Dec. 13.
- Acoustic translating device. P. H. Blhuber. 2,121,008; June 21.
- Acoustical apparatus. A. L. W. Williams. 2,126,436; Aug. 9.
- Acoustical device. A. E. N. Lawrence. 2,109,012; Feb. 22.
- Acoustical energy into electrical energy, Device for transforming. H. F. Olson. 2,106,224; Jan. 25.
- Acoustical reverberation system, Variable. A. Pilster. 2,104,811; Jan. 11.
- Acoustical tile clip. L. F. Urbain. 2,129,975; Sept. 13.
- Acoustics of a room, Modifying the. B. Roux, R. Gamzon, and M. Sollima. 2,107,804; Feb. 8.
- Acridine compounds, Basically substituted. F. Mletzach and H. Mauss. 2,121,207; June 21.
- Actuating means for knitting mechanism. P. Schmidt. 2,105,444; Jan. 11.
- Actuating mechanism for doffing mechanism. J. K. Anderson. 2,104,474; Jan. 4.
- Actuating mechanism for hydraulic brakes. R. E. McGee. 2,106,304; Jan. 25.
- Actuating mechanism for stop motions. L. A. Runton. 2,128,476; Aug. 30.
- Actuator. W. R. Ray. 2,127,961; Aug. 23.
- Actuator for hinged closures. J. S. Gullborg. 2,122,570; July 5.
- Actuator for mercury switches. Selective. J. H. Staley. 2,127,760; Aug. 23.
- Actuator for rotating signals, Solenoid. A. Bostick. 2,110,033; Mar. 1.
- Acyllamino phthalocyanine. B. Bienert. 2,133,340; Oct. 18.
- Acylyl aryl compounds. M. A. Dahlen, N. M. Bigelow, and F. Zwilgmeyer. 2,115,413; Apr. 26.
- Acylyl compounds of cyanhydrins of the etio-cholane and etio-allo-cholane series and producing the same. L. Strassberger. 2,136,401; Nov. 15.
- Acylylated condensation products and making them. O. M. Reiff and D. E. Badertscher. 2,138,809; Nov. 29.
- Acylylmethylene derivatives of arylothiazolines and arylo-selenazolines. L. G. S. Brooker and F. L. White. 2,112,139; Mar. 22.
- Adapter for practicing firing. E. von Latscher-Latka and A. Schmidt. 2,110,509; Mar. 8.
- Adapter for typewriters. L. Jensen. 2,109,293; Feb. 22.
- Adding machine. P. Duby. 2,129,265; Sept. 6.
- Adding machine, Listing. L. P. Crosman. 2,107,142; Feb. 1.
- Addition products of acetylene and alcohol and producing them. J. A. Nieuwland, G. F. Hennlon, and D. B. Killian. 2,140,713; Dec. 20.
- Addition products of glycidic. L. Orthner and C. Heuck. 2,131,142; Sept. 27.
- Addressing and tabulating machine. H. P. Elliott. 2,134,814; Nov. 1.
- Address system, Public. I. F. Durst, S. J. Begun, and H. Barnett. 2,139,006; Dec. 6.
- Adenotome. C. R. Storz. 2,131,780; Oct. 4.
- Adhesive. W. D. Bowlby. 2,138,137; Nov. 29.
- Adhesive. R. G. Drew. 2,109,471; Mar. 1.
- Adhesive. C. Iddings. 2,133,098; Oct. 11.
- Adhesive. R. S. McKinney. 2,104,491; Jan. 4.
- Adhesive. H. C. Roller. 2,134,006; Oct. 25.
- Adhesive. F. S. Smith. 2,127,540; Aug. 23.
- Adhesive and coating composition. A. D. Macdonald. 2,105,697; Jan. 18.
- Adhesive applicator. D. Daneke. 2,140,470; Dec. 13.
- Adhesive applying means. G. W. von Hofe. 2,131,606; Sept. 27.
- Adhesive applying mechanism. H. F. Affelder. 2,141,634; Dec. 27.
- Adhesive applying mechanism. E. G. Rider. 2,108,613; Feb. 15.
- Adhesive composition. W. E. Glancy. 2,129,126; Sept. 6.
- Adhesive composition and a covering structure having an adhesive coating. W. B. Coleman. 2,116,341; May 3.
- Adhesive composition, Vulcanizing. H. A. Winkelmann and E. W. Moffett. 2,139,992; Dec. 13.
- Adhesive for insecticides and making same. L. D. Goodhue. 2,129,517; Sept. 6.
- Adhesive for labels and making same. L. K. Wakeman. 2,126,520; Aug. 9.
- Adhesive, Metal backed pressure-sensitive. M. A. Goldman. 2,106,133; Jan. 18.
- Adhesive on flat surfaces, Gumming and drying. E. G. Staude. 2,130,605; Sept. 20.
- Adhesive spraying attachment. J. P. Shevlin. 2,113,244; Apr. 5.
- Adhesive strip dispenser. T. R. Gautier. 2,126,680; Aug. 9.
- Adhesive strip serving apparatus. T. R. Gautier. 2,138,471; Nov. 29.
- Adhesive, Waterproof starch base. G. H. Osgood and R. G. Peterson. 2,141,313; Dec. 27.
- Adhesives from starchy vegetable matter, Preparation of. H. S. Paine and K. Ward, Jr. 2,124,994; July 26.
- Adhesives, Sodium silicate. A. S. Weygandt. 2,111,131; Mar. 16.
- Adjustable back chair. W. A. Duvall and C. A. Van Derwee. 2,124,307; July 9.
- Adjustable back support. F. Brightman and G. C. Stewart. 2,122,223; Oct. 11.
- Adjustable boring bar. F. C. Jearum. 2,114,384; Apr. 19.
- Adjustable bracket. S. De Rosa. 2,110,037; Mar. 1.
- Adjustable chair. E. F. Knauth. 2,136,832; Nov. 15.
- Adjustable chair. O. F. Opperman. 2,123,171; Oct. 18.
- Adjustable chair, Portable. H. Burchall. 2,132,525; Oct. 11.
- Adjustable clamping tool. D. C. Smith. 2,138,315; Nov. 29.
- Adjustable cord lock. J. Newman. 2,119,607; Sept. 6.
- Adjustable electric lamp. C. Birdseye. 2,108,180; Nov. 29.
- Adjustable film gate. R. H. Pinner. 2,113,580; Apr. 12.



- Adjustable finger ring. R. A. Russell. 2,105,796; Jan. 18.  
Adjustable handle. O. Crutchfield. 2,111,965; Mar. 22.  
Adjustable lamp. R. W. Johnson. 2,128,461; Aug. 30.  
Adjustable means for attaching quilts, blankets, etc., to cribs. A. Bleier. 2,129,487; Sept. 6.  
Adjustable screen. N. Volpe. 2,129,541; Sept. 6.  
Adjustable seat. A. F. Ball. 2,132,009; Oct. 4.  
Adjustable seat. C. Bittner. 2,139,253; Dec. 6.  
Adjustable seat. W. R. Lustig. 2,129,952; Sept. 13.  
Adjustable stand. J. Markert. 2,107,124; Feb. 1.  
Adjustable stretcher frame. W. A. Davis. 2,117,055; May 10.  
Adjustable table. A. Orsenigo. 2,118,620; May 24.  
Adjustable table. E. J. Ouellette. 2,107,579; Feb. 8.  
Adjustable vehicle seat. R. C. Jacobs. 2,122,645; July 5.  
Adjustable wrench. S. Hare. 2,112,565; Mar. 29.  
Adjusting and operating mechanism for enclosed ink fountains. A. Weiss. 2,115,376; Apr. 26.  
Adjusting brake, Automatically. J. J. Denham. 2,119,384; May 31.  
Adjusting device. G. O. Conner. 2,130,679; Sept. 20.  
Adjusting device for ophthalmic mountings. S. E. Bouchard. 2,112,647; Mar. 29.  
Adjusting device for taking X-ray pictures. M. Rona. 2,111,903; Mar. 22.  
Adjusting device, in particular electrical condenser. K. Hengel. 2,104,160; Jan. 4.  
Adjusting indicating system for measuring instruments. H. J. Sang. 2,112,252; Mar. 29.  
Adjusting mechanism for firearms. M. Rolčík. 2,107,803; Feb. 8.  
Adjusting mechanism for transmissions. W. A. Garratt. 2,116,624; May 10.  
Adjustment for optical systems. P. Haas. 2,131,280; Sept. 27.  
Adjustment means for steering gears. C. F. Hammond, Jr., and K. B. Hokanson. 2,115,164; Apr. 26.  
Admiralty condenser tube. H. C. Jennison. 2,131,437; Sept. 27.  
Adobe and other porous material, Preserving. F. T. Martus. 2,137,247; Nov. 22.  
Adsorbents, Production of polar. E. B. Higgins. 2,136,167; Nov. 8.  
Adsorption apparatus. L. A. Logan. 2,111,218; Mar. 15.  
Adsorption apparatus. E. R. Sutcliffe. 2,108,730; Feb. 15.  
Advertising, Aerial. N. N. Shorb. 2,134,987; Nov. 1.  
Advertising and amusement device. J. A. Mangold. 2,114,657; Apr. 19.  
Advertising and apparatus for use in connection therewith. J. Oliveri. 2,139,281; Dec. 6.  
Advertising apparatus. J. R. Allen. 2,106,335; Jan. 25.  
Advertising apparatus. L. P. Linden. 2,140,678; Dec. 20.  
Advertising demonstrator. H. A. Troxel. 2,118,906; May 31.  
Advertising device. E. L. Ballew. 2,129,368; Sept. 6.  
Advertising device. J. R. Burcham. 2,104,636; Jan. 4.  
Advertising device. F. Cargill. 2,135,483; Nov. 8.  
Advertising device. W. F. Currie. 2,110,646; Mar. 8.  
Advertising device. D. Doolittle. 2,135,331; Nov. 1.  
Advertising device. G. H. Forsyth. 2,136,429; Nov. 15.  
Advertising device. E. E. Locke. 2,129,585; Sept. 6.  
Advertising device. F. C. B. Page. 2,122,153; June 28.  
Advertising device. S. J. Phillipson. 2,116,411; May 3.  
Advertising device. L. Prins. 2,116,638; May 10.  
Advertising device. F. W. Quidas. 2,108,828; Feb. 22.  
Advertising device. N. Raizner. 2,123,801; July 12.  
Advertising device. W. Rydberg. 2,135,914; Nov. 8.  
Advertising device. N. Sandor. 2,122,782; July 5.  
Advertising device. J. E. Sayre. 2,116,542; May 10.  
Advertising device. C. G. Spandau. 2,112,314; Mar. 29.  
Advertising device. C. W. Stevens. 2,133,155; Oct. 11.  
Advertising device and mailing tube. F. H. Rasmussen. 2,108,349; Feb. 15.  
Advertising device, Changeable light. W. W. Shigley. 2,138,888; Dec. 6.  
Advertising device for taxicabs. W. O. Dano. 2,131,586; Sept. 27.  
Advertising device, Illuminated. F. J. Cargill. 2,135,484; Nov. 8.  
Advertising device, Outdoor. C. Doering. 2,125,994; Aug. 9.  
Advertising device, Portable. C. Gubaran. 2,134,300; Oct. 25.  
Advertising display apparatus. C. E. McCallum. 2,126,567; Aug. 9.  
Advertising display device, Motional. V. M. Green and C. E. Gurtler. 2,131,029; Sept. 27.  
Advertising display for bottles, Flow dispensing. A. C. Gaynor. 2,109,567; Mar. 1.  
Advertising display or hanger for bottles. J. M. Greene. 2,132,236; Oct. 4.  
Advertising, educational, or amusement device, Magnetically controlled. G. E. Spicer. 2,122,116; June 28.  
Advertising, indicating, and displaying device. N. and F. E. L. Sandor. 2,132,085; Oct. 4.  
Advertising insert. B. Lowen. 2,131,448; Sept. 27.  
Advertising machine. A. D. Eltzen. 2,131,168; Sept. 27.  
Advertising medium. L. J. Burke. 2,133,914; Oct. 18.  
Advertising novelty. E. W. Finch. 2,107,693; Feb. 8.  
Advertising novelty. M. Gold. 2,107,892; Feb. 8.  
Advertising or display apparatus. J. R. Dramer. 2,135,207; Nov. 1.  
Advertising or display device. W. J. French. 2,117,088; May 10.  
Advertising sign. R. A. Bennett and M. A. Sneed. 2,105,209; Jan. 11.  
Advertising sign. R. H. Seaman and C. A. Schwenden. 2,121,829; June 28.  
Advertising sign. F. E. Schmidt. 2,104,105; Jan. 4.  
Advertising structure, Full vision outdoor. W. Stevens. 2,116,128; May 3.  
Aerating apparatus. E. W. Bacharach. 2,130,577; Sept. 20.  
Aerating device. J. Lockey. 2,104,330; Jan. 4.  
Aerating device for minnow buckets. J. F. Haldeman. 2,137,397; Nov. 22.  
Aerating device for use in the production of acetic acid from alcohol. M. Williams. 2,128,445; Aug. 30.  
Aerator. S. J. Gwidt. 2,116,023; May 3.  
Aerial, Automobile radio. L. M. Davis. 2,111,090; Mar. 15.  
Aerial cable support. E. C. Vrooman. 2,136,258; Nov. 8.  
Aerial feeder arrangement. C. S. Franklin. 2,130,387; Sept. 20.  
Aerial system. A. D. Blumlein, E. C. Cork, and J. L. Pawsey. 2,111,743; Mar. 22.  
Aerial system, Directional wireless. A. D. Blumlein. 2,115,761; May 3.  
Aerial system, Directional wireless. E. L. C. White and W. S. Percival. 2,105,569; Jan. 18.  
Aerial systems for use on short waves, Construction of. N. E. Davis and F. J. Ainsley. 2,118,396; May 24.  
Aerial traveling device. R. R. Rand, Jr. 2,132,187; Oct. 4.  
Aero-electric generation system. P. C. Putnam. 2,106,557; Jan. 25.  
Aerofoil. A. Craigon. 2,130,582; Sept. 20.  
Aerofoil. C. M. Houston. 2,120,250; June 14.  
Aerofoil structure. A. S. Barkley. 2,122,709; July 5.  
Aeroplane. J. F. G. M. L. Charpentier. 2,123,096; July 5.  
Aeroplane. W. Colvin, Jr. 2,108,041; Feb. 15.  
Aeroplane. B. J. Droz. 2,111,318; Mar. 15.  
Aeroplane. A. Lutschg. 2,112,107; Mar. 22.  
Aeroplane. J. H. Percival. 2,111,988; Mar. 22.  
Aeroplane. W. W. Rothenhofer. 2,133,043; Oct. 11.  
Aeroplane and the like. P. P. Nazir. 2,120,568; June 14.  
Aeroplane construction. J. H. Nickerson. 2,134,260; Oct. 25.  
Aeroplane control mechanism. C. T. Kenyon. 2,108,861; Feb. 22.  
Aeroplane mounting. E. L. Dale. 2,131,222; Sept. 27.  
Aeroplane propeller. R. P., M., and C. Cable. 2,117,788; May 17.  
Aeroplane structure. R. R. Rand, Jr. 2,117,360; May 17.  
Aeroplanes, Safety device for. G. A. Wood. 2,123,295; July 12.  
Aeroplanes when in flight, Controlling. H. L. Pitt. 2,111,481; Mar. 15.  
Agent for and process of sizing textile fibers. K. Jochum and H. Geier. 2,132,901; Oct. 11.  
Agent for sizing textile fibers and applying it. A. Voss, E. Dickhäuser, W. Starck, and K. Jochum. 2,133,125; Oct. 11.  
Agent for the treatment of mucous surfaces. F. J. Bickenheuser. 2,114,370; Apr. 19.  
Agglomerate, Concretionary. H. K. Najarian. 2,127,632; Aug. 23.  
Agglutinant. I. Chesler. 2,105,310; Jan. 11.  
Aggregate coating apparatus. K. E. McConaughay. 2,139,027; Dec. 6.  
Aggregate handling apparatus. H. O. Curtis. 2,119,780; June 7.  
Aggregates, Apparatus for pulverizing mineral. R. S. Dean and J. Gross. 2,139,808; Dec. 13.  
Aggregates, Manufacturing. C. M. Price. 2,112,380; Mar. 29.  
Aging device for the contents of barrels, casks, or the like. C. D. Nagle. 2,135,622; Nov. 8.  
Agitating apparatus. W. N. Heath. 2,130,545; Sept. 20.  
Agitating means for washing machines. M. M. Jackson. 2,139,501; Dec. 6.  
Agitating mechanism. J. F. Reedy. 2,140,970; Dec. 20.  
Agitating or mixing apparatus. R. A. Webster. 2,104,283; Jan. 4.  
Agitator. J. Martin. 2,124,983; July 26.  
Agitator, Curd. W. H. Malueg. 2,111,247; Mar. 15.  
Agitator, Curd. C. R. Stoelting. 2,139,338; Dec. 6.  
Agitator for mash tanks. A. R. Keller. 2,106,529; Jan. 25.  
Agitator for paint drums and the like. R. M. Wilson and J. H. Ingraham. 2,137,432; Nov. 22.  
Agitator for washing machines. E. Faber. 2,110,661; Mar. 8.  
Agitator for washing machines. P. E. Geldhof. 2,111,144; Mar. 15.  
Agitator for washing machines. J. C. Nelson. 2,105,774; Jan. 18.  
Agitator for washing machines. J. C. Nelson. 2,111,152; Mar. 15.  
Agitator for washing machines. J. C. Nelson. 2,121,471; June 21.  
Agitator, Separable base. A. W. Altorfer. 2,139,925; Dec. 13.  
Agitator, Suction cleaner. H. B. White. 2,114,119; Apr. 12.



- Agricultural implement. L. L. Godwin. 2,136,129; Nov. 8.
- Agricultural implement. G. Q. Heppner. 2,124,919; July 26.
- Agricultural implement. W. H. Silver. 2,140,144; Dec. 13.
- Agricultural implement. J. I. Wilcoxon, Sr., and J. I. Wilcoxon, Jr. 2,131,546; Sept. 27.
- Agricultural machine. W. K. Mote. 2,111,030; Mar. 15.
- Agricultural machine. C. E. Phillips. 2,120,040; June 7.
- Aileron control for airplanes. E. Fischel. 2,137,974; Nov. 22.
- Air agitator for bench machine operators. J. Macaluso. 2,139,761; Dec. 13.
- Air and gas, Mixing. S. P. Jones. 2,134,253; Oct. 25.
- Air and oil preheater. C. E. H. Sengstaken. 2,110,742; Mar. 8.
- Air and other separators. G. H. Fraser. 2,113,586; Apr. 12.
- Air, Apparatus for compressing. C. H. Taylor. 2,138,248; Nov. 29.
- Air, Apparatus for conditioning. L. T. Avery and H. Lenane. 2,107,268; Feb. 8.
- Air, Apparatus for conditioning. B. E. Mills. 2,119,338; May 31.
- Air, Apparatus for conditioning. E. S. Pearce. 2,125,581; Aug. 2.
- Air, Apparatus for conditioning. F. F. von Wilmowsky. 2,109,019; Feb. 22.
- Air, Apparatus for conditioning and circulating. R. C. Sorsolell. 2,126,931; Aug. 16.
- Air brake. C. A. Campbell. 2,130,713-14; Sept. 20.
- Air brake. C. A. Campbell. 2,136,573-4; Nov. 15.
- Air brake. C. A. Campbell. 2,136,581-2; Nov. 15.
- Air brake release valve, Automatic. S. Bogut. 2,123,164; July 12.
- Air breezing apparatus. H. Abrams. 2,137,661; Nov. 22.
- Airbrush. J. A. Paasche. 2,139,133; Dec. 6.
- Air by liquefaction and rectification, Decomposition of. R. Linde and H. Hausen. 2,141,997; Dec. 27.
- Air chamber Diesel engine. F. Lang. 2,105,662; Jan. 18.
- Air change means for window glass insulation systems. S. A. Stoneback. 2,117,581; May 17.
- Air chuck. J. C. Crowley. 2,141,033; Dec. 20.
- Air circulating heater, Fireplace contained. P. H. Sroat. 2,131,763; Oct. 4.
- Air-circulating means for motor-driven vehicles. D. C. Woodhams. 2,107,193; Feb. 1.
- Air circulating method and apparatus. H. H. Robson. 2,111,938; Mar. 22.
- Air circulating system. L. M. Persons. 2,127,046; Aug. 16.
- Air circulator. M. Weber. 2,123,448; July 12.
- Air circulatory system. W. E. S. Strong. 2,127,095; Aug. 16.
- Air cleaner. H. E. Altgelt. 2,133,316; Oct. 18.
- Air cleaner. W. W. Lowther. 2,130,142; Sept. 13.
- Air cleaner. A. Marshall. 2,134,978; Nov. 1.
- Air compressing apparatus. L. H. Browne. 2,136,098; Nov. 8.
- Air compressing machine. W. J. Brightwell. 2,108,958; Feb. 22.
- Air compressor. L. S. Boone. 2,127,152; Aug. 16.
- Air compressor. F. H. Stroup, B. Dick, and C. B. Fites. 2,136,475; Nov. 15.
- Air compressor unit. A. Hallett. 2,117,479; May 17.
- Air condition indicator. A. F. Spilhaus. 2,107,017; Feb. 1.
- Air conditioner. E. W. Babcock. 2,121,278; June 21.
- Air conditioner. R. W. Church and T. H. Ware. 2,137,905; Nov. 22.
- Air conditioner. E. Hambleton. 2,132,263; Oct. 4.
- Air conditioner. C. E. Lewis. 2,116,839; May 10.
- Air conditioner. L. Lyons. 2,117,033; May 10.
- Air conditioner. J. E. Peoples. 2,136,634; Nov. 15.
- Air conditioner. C. W. Pierson. 2,104,209; Jan. 4.
- Air conditioner. S. Slutsky. 2,111,104; Mar. 15.
- Air conditioner. A. Tonkin. 2,120,166; June 7.
- Air conditioner and furnace, Combined. W. L. Hager. 2,128,245; Aug. 30.
- Air conditioner for fans. W. Van De Vanter. 2,132,288; Oct. 4.
- Air conditioner for motor vehicles. P. E. Rice. 2,108,391; Feb. 15.
- Air conditioner, Portable. F. R. Erbach and E. H. Swart. 2,117,410; May 17.
- Air conditioner, Portable. E. W. Kummer. 2,106,325; Jan. 25.
- Air conditioner, Unit. A. Gudmundsen. 2,118,044; May 24.
- Air conditioning. I. C. Baker. Re. 20,944; Dec. 13.
- Air conditioning. F. R. Bichowsky. 2,112,392; Mar. 29.
- Air conditioning. T. Chester. Re. 20,650; Feb. 8.
- Air conditioning. L. W. Child. 2,140,829; Dec. 20.
- Air conditioning. R. Ericson. 2,124,289; July 19.
- Air conditioning. W. L. Fleisher. 2,124,291; July 19.
- Air conditioning. W. G. Laird. 2,126,266; Aug. 9.
- Air conditioning. L. D. McDonald. 2,110,161; Mar. 8.
- Air conditioning. B. Offen. 2,123,742; July 12.
- Air conditioning. A. J. Otto. 2,107,383; Feb. 8.
- Air conditioning. E. Wammaker. 2,130,604; Sept. 20.
- Air conditioning apparatus. R. D. Anderberg. 2,128,890; Sept. 6.
- Air conditioning apparatus. C. M. Ashley and S. F. Shawhan. 2,140,305; Dec. 13.
- Air conditioning apparatus. M. Baruch and R. E. Phillips. 2,127,581; Aug. 23.
- Air conditioning apparatus. G. W. Coin. 2,137,567; Nov. 22.
- Air conditioning apparatus. R. D. Delamere. 2,120,601; June 14.
- Air conditioning apparatus. F. R. Erbach. 2,111,618; Mar. 22.
- Air conditioning apparatus. W. L. Fleisher. 2,139,675; Dec. 13.
- Air conditioning apparatus. H. L. Galson. 2,130,327; Sept. 13.
- Air conditioning apparatus. N. H. Gay. 2,107,243; Feb. 1.
- Air conditioning apparatus. J. H. Gibbs. 2,119,207; May 31.
- Air conditioning apparatus. W. D. Harper. 2,134,121; Oct. 25.
- Air conditioning apparatus. G. D. Harris. 2,110,268; Mar. 8.
- Air conditioning apparatus. R. E. Holmes. 2,115,720; May 3.
- Air conditioning apparatus. C. C. Hunlicke. 2,105,692; Jan. 18.
- Air conditioning apparatus. M. Kalischer. 2,012,601; Mar. 29.
- Air conditioning apparatus. M. Kalischer. 2,115,715; May 3.
- Air conditioning apparatus. M. Kalischer. 2,125,727; Aug. 2.
- Air conditioning apparatus. A. M. Kolstad. 2,130,630; Sept. 20.
- Air conditioning apparatus. G. W. Langford. 2,105,887; Jan. 18.
- Air conditioning apparatus. A. S. Locke. 2,132,372; Oct. 4.
- Air conditioning apparatus. G. M. and A. P. Marr. 2,122,482; July 5.
- Air conditioning apparatus. L. C. Smith. 2,115,288; Apr. 26.
- Air conditioning apparatus. H. K. Steinfeld. 2,121,837; June 28.
- Air conditioning apparatus. H. K. Steinfeld, H. L. Galson, and A. S. Locke. 2,105,205; Jan. 11.
- Air conditioning apparatus. H. S. Woodruff. 2,115,294-5; Apr. 26.
- Air conditioning apparatus for passenger cars. W. J. Madden. 2,123,076; July 5.
- Air conditioning apparatus for railway cars. W. B. Whitsitt. 2,133,067; Oct. 11.
- Air conditioning device. E. P. Brus. 2,133,343; Oct. 18.
- Air conditioning device. A. W. Conley. 2,140,618; Dec. 20.
- Air conditioning device. R. L. Drew and S. A. Reed. 2,108,283; Feb. 15.
- Air conditioning device. J. Mitchell. 2,134,881; Nov. 1.
- Air conditioning device. F. B. Rentz. 2,134,802; Nov. 1.
- Air conditioning equipment. W. I. Christian. 2,124,137; July 19.
- Air conditioning evaporator unit. R. F. Peo. 2,116,981; May 10.
- Air conditioning for vehicles. A. E. Dempsey, Jr. 2,134,107; Oct. 25.
- Air conditioning machine. J. F. Carlson. 2,111,750; Mar. 22.
- Air conditioning machine. G. Paschal. 2,120,208; June 7.
- Air conditioning means, Automobile. J. A. Sargent. 2,115,472; Apr. 26.
- Air conditioning method. M. Baruch and R. E. Phillips. 2,127,582; Aug. 23.
- Air conditioning process. C. E. Wautelet. 2,133,677; Oct. 18.
- Air conditioning room unit, Self-contained. A. Welland and C. R. Neeson. 2,112,870; Apr. 5.
- Air conditioning system. S. M. Anderson. 2,130,479; Sept. 20.
- Air conditioning system. E. A. Bailey. 2,110,693; Mar. 8.
- Air conditioning system. K. P. Brace and R. B. P. Crawford. 2,120,883; June 14.
- Air conditioning system. R. R. Chappell, D. McCormack, and R. B. Colt. 2,135,101; Nov. 1.
- Air conditioning system. L. W. Child. 2,123,693; July 12.
- Air conditioning system. R. B. P. Crawford. 2,104,851; Jan. 11.
- Air conditioning system. R. B. P. Crawford. 2,110,203; Mar. 8.
- Air conditioning system. R. B. P. Crawford. 2,112,520; Mar. 29.
- Air conditioning system. R. B. P. Crawford. 2,137,569; Nov. 22.
- Air conditioning system. R. B. P. Crawford. 2,137,926; Nov. 22.
- Air conditioning system. A. Y. Dodge. 2,138,144; Nov. 29.
- Air conditioning system. A. Y. Dodge. 2,141,501; Dec. 27.
- Air conditioning system. M. K. Drew. 2,107,243; Sept. 6.
- Air conditioning system. F. B. Fites. 2,126,482; Aug. 9.
- Air conditioning system. W. L. Fleisher. 2,139,675; Jan. 18.



- Air conditioning system. W. L. Fleisher. 2,124,290; July 19.
- Air conditioning system. R. C. Jepertinger. 2,129,427; Sept. 6.
- Air conditioning system. I. J. Knudson. 2,110,367; Mar. 8.
- Air conditioning system. R. S. Kopp. 2,115,226; Apr. 26.
- Air conditioning system. O. A. Labus and R. B. P. Crawford. 2,106,101; Jan. 18.
- Air conditioning system. M. F. May. 2,134,338; Oct. 25.
- Air conditioning system. D. W. McLenegan. 2,112,038-9; Mar. 22.
- Air conditioning system. H. J. Moloney. 2,113,896; Apr. 12.
- Air conditioning system. W. H. Mussey, F. L. Murphy, and H. F. Peterson. 2,116,538; May 10.
- Air conditioning system. L. A. Philipp. 2,111,675; Mar. 22.
- Air conditioning system. L. A. Philipp. 2,133,039; Oct. 11.
- Air conditioning system. E. W. Roessler. 2,112,049; Mar. 22.
- Air conditioning system. W. S. Rugg and H. D. James. 2,130,157; Sept. 13.
- Air conditioning system. C. J. Schlafman. 2,123,440; July 12.
- Air conditioning system. W. E. Stark and J. C. Patterson. 2,124,932; July 26.
- Air conditioning system. E. Wanamaker. 2,106,515; Jan. 25.
- Air conditioning system, Adsorption. C. M. Ashley. 2,134,544; Oct. 25.
- Air conditioning system, Automobile. R. F. Peo. 2,115,785; May 3.
- Air conditioning system for aeroplanes or the like. R. B. P. Crawford. 2,127,993; Aug. 23.
- Air conditioning system, Railway car. H. L. Smith, Jr. 2,110,581; Mar. 8.
- Air conditioning system, Railway car. H. L. Smith, Jr., and L. N. Jones. 2,111,905; Mar. 22.
- Air conditioning system, Reversible flow. H. D. Euwer. 2,139,262; Dec. 6.
- Air conditioning system, Summer-winter. G. D. Kingsland. 2,123,428; July 12.
- Air conditioning system utilizing refrigeration. S. M. Anderson and F. J. Hamilton. 2,116,093; May 3.
- Air conditioning system utilizing refrigeration. C. E. Blanchard. 2,123,352; July 12.
- Air conditioning system with regenerative localized cooling. R. H. Folsom. 2,124,107; July 19.
- Air conditioning system, Year-round. J. M. Lednum. 2,136,513; Nov. 15.
- Air conditioning system, Zone. A. C. Grant. 2,136,336; Nov. 8.
- Air conditioning systems. C. W. Nessell. 2,125,646; Aug. 2.
- Air conditioning unit. A. F. L. Anderson. 2,115,567; Apr. 26.
- Air conditioning unit. H. D. Euwer. 2,112,277; Mar. 29.
- Air conditioning unit. J. Roland. 2,118,328; May 24.
- Air-conditioning unit, Self-contained. B. S. Williams. 2,116,873; May 10.
- Air control device. R. B. Funk. 2,115,909-10; May 3.
- Air control for furnaces, Secondary. P. O. Henderson. 2,133,026; Oct. 11.
- Air control for stokers, Automatic. C. G. Brenner. 2,111,611; Mar. 22.
- Air control for stokers, Retard. F. W. Stuart. 2,122,050; June 28.
- Air control means, Automatic. B. M. Guthrie. 2,141,711; Dec. 27.
- Air control means for combustion apparatus. C. Scholl. 2,109,239-40; Feb. 22.
- Air controller for internal combustion engines, Auxiliary. A. H. and P. A. R. Wiertz. 2,126,071; Aug. 9.
- Air cooled condenser. C. Steenstrup. 2,127,438; Aug. 16.
- Air cooled die-holder. W. J. Schuster. 2,119,516; June 7.
- Air-cooled surface condenser. O. Happel. 2,107,478; Feb. 8.
- Air cooler. A. D. Forbush. 2,104,119; Jan. 4.
- Air cooling and circulating device and process. W. L. Morrison. 2,134,003; Oct. 25.
- Air cooling apparatus. J. R. Ballard. 2,107,280; Feb. 8.
- Air cooling apparatus. J. Q. Sherman. Re. 20,804; July 19.
- Air cooling, conditioning, and circulating apparatus. W. M. Bell. 2,119,038; May 31.
- Air cooling device. W. C. Nelson. 2,109,926; Mar. 1.
- Air cooling device for compressors. F. M. Young. 2,108,223; Feb. 15.
- Air cooling device, Portable. L. R. Kubias. 2,111,070; Mar. 15.
- Air cooling system for railway cars. J. F. Frese. 2,135,125; Nov. 1.
- Air cooling unit. R. T. Brizzolara. 2,120,830; June 14.
- Aircraft. W. E. Back. 2,112,755; Mar. 29.
- Aircraft. A. Dandini. 2,133,283; Oct. 18.
- Aircraft. J. M. Gwinn, Jr. Re. 20,901; Nov. 1.
- Aircraft. A. C. Loedding. 2,118,254; May 24.
- Aircraft. S. R. Puffer. 2,119,402; May 31.
- Aircraft. A. A. Reid. 2,122,214; June 28.
- Aircraft. A. Rohrbach. 2,123,916; July 19.
- Aircraft. R. Saulnier. 2,119,181; May 31.
- Aircraft. G. G. Spratt. 2,128,060; Aug. 23.
- Aircraft. C. W. Waller. 2,131,155; Sept. 27.
- Aircraft. E. B. Wilford and E. Daland. 2,108,839; Feb. 22.
- Aircraft. C. H. Zimmerman. 2,108,093; Feb. 15.
- Aircraft, Amphibian. W. K. Burgess. 2,110,685; Mar. 15.
- Aircraft and engine therefor. H. M. Rockwell. 2,108,411; Feb. 15.
- Aircraft blind landing beam system. F. W. Dunmore. 2,104,028; Jan. 4.
- Aircraft construction. H. A. Berliner. 2,125,882; Aug. 9.
- Aircraft construction. H. G. Klemm and B. C. Boulton. 2,134,447; Oct. 25.
- Aircraft construction. J. S. McDonnell, Jr., and D. M. Helwig. 2,124,003; July 19.
- Aircraft control. H. Baer and M. J. Finnegan. 2,115,701; May 3.
- Aircraft control. E. B. Wilford and E. Daland. 2,123,392; July 12.
- Aircraft control system. A. G. Butler. 2,137,385; Nov. 22.
- Aircraft, Folding structural arrangement of. R. J. H. Hudson. 2,141,534; Dec. 27.
- Aircraft frame structure. B. N. Wallis. 2,115,504; Apr. 26.
- Aircraft having rotative sustaining wings. J. A. J. Bennett and F. L. Hodgess. 2,105,682; Jan. 18.
- Aircraft instrument, Gyroscopic. G. H. Reid. 2,141,555; Dec. 27.
- Aircraft in the air, Apparatus for refueling. A. J. Cobham. 2,123,648; July 12.
- Aircraft, Interior trim for. M. Alnutt. 2,118,998; May 31.
- Aircraft landing sails, Apparatus for manipulating. R. Weichardt, W. Freistadt, and J. Hicke. 2,118,909; May 31.
- Aircraft landing system. F. J. Hooven. 2,134,126; Oct. 25.
- Aircraft, Laterally controlling. G. B. Fenton. 2,136,845; Nov. 15.
- Aircraft, Launching and beaching of. W. G. Glover. 2,108,747; Feb. 15.
- Aircraft machinery. R. Anxionnaz. 2,128,789; Aug. 30.
- Aircraft, Method and apparatus for sustaining and lifting. I. Ruderman. 2,115,283; Apr. 26.
- Aircraft navigating instrument. C. H. Colvin. 2,116,508; May 10.
- Aircraft of the autogyro type. A. Thaon. 2,110,563; Mar. 8.
- Aircraft, Parachute equipped. S. W. Hailey. 2,118,603; May 24.
- Aircraft power plant control. W. J. Blanchard. 2,128,983; Sept. 6.
- Aircraft, Roadable autorotative-winged. H. S. Campbell. 2,135,699; Nov. 8.
- Aircraft, Rotary wing. E. Daland. 2,136,165; Nov. 8.
- Aircraft, Rotary-winged. A. E. Larsen. 2,122,428; July 5.
- Aircraft, Rotating wing. R. Hafner. 2,131,348; Sept. 27.
- Aircraft, Rotative wing. R. Hafner. 2,121,345; June 21.
- Aircraft, Rotative-winged. A. E. Larsen and P. H. Stanley. 2,111,975; Mar. 22.
- Aircraft structure. J. L. McClane. 2,130,504; Sept. 20.
- Aircraft structure. A. P. de Seversky. 2,129,824; Sept. 13.
- Aircraft, Testing apparatus for. R. W. Case. 2,115,841; May 3.
- Aircraft undercarriage. P. Krekel. 2,139,192; Dec. 6.
- Aircraft wing, Monospar cantilever. H. Klemm. 2,123,429; July 12.
- Aircraft wing structure. A. P. de Seversky. 2,135,464; Nov. 1.
- Aircraft with autorotatable sustaining rotors. K. P. Synnestvedt. 2,110,638; Mar. 8.
- Aircraft with rotatable sustaining means. H. S. Campbell. 2,122,450; July 5.
- Air currents of the earth, Device for depicting prevailing. B. O. Smith. 2,105,619; Jan. 18.
- Air cut-off for burners, Automatic. J. C. Woodson. 2,111,484; Mar. 15.
- Air deflecting device. S. Hart. 2,140,935; Dec. 20.
- Air dehumidification. H. Smith. 2,114,787; Apr. 19.
- Air, Dehumidification of. E. Altenkirch. 2,138,690; Nov. 29.
- Air, Device for conditioning and cooling. P. Crosley, Jr. 2,105,108; Jan. 11.
- Air discharge and vacuum valve, Combination. C. F. Hudson. 2,111,473; Mar. 15.
- Air distributing device. F. J. Kurth. 2,106,458; Jan. 25.
- Air distributing means. P. F. Sperry. 2,104,279; Jan. 4.
- Air distributing means. P. F. Sperry. 2,124,716; July 26.
- Air distributing system. A. E. Voigt. 2,113,670; Apr. 12.
- Air distributing system, Railroad car. A. E. Stacey, Jr. 2,134,588; Oct. 25.
- Air, draft and smoke consumer. W. B. Hickman. 2,104,127; Jan. 4.
- Airdrome. J. G. De Faria. 2,110,325; Mar. 8.
- Air filter. C. A. Campbell. 2,134,601; Oct. 25.
- Air filter. A. J. J. Poelman and R. Schneider. 2,122,111; June 28.



- Air filter. R. S. Walker. 2,135,863; Nov. 8.  
 Air filter. H. Wolthuis and C. A. Fourness. 2,119,978; June 7.  
 Air filter for railroad cars. J. D. Strobell. 2,107,653; Feb. 8.  
 Air filtering and circulating device, Adjustable. F. H. Schlunz. 2,115,541; Apr. 26.  
 Air filtering apparatus. R. S. Walker and W. S. Moore. 2,133,931; Oct. 19.  
 Air filtering material. E. C. Crocker and H. J. Billings. 2,122,514; July 5.  
 Airfoil. F. A. Redlinger. 2,126,502; Aug. 9.  
 Airfoil. W. K. Rose. 2,125,738; Aug. 2.  
 Airfoil. E. F. Zaparka. 2,113,910; Apr. 12.  
 Air heater. E. Hurford and R. Johnson. 2,135,235; Nov. 1.  
 Air heater. P. J. Timberlake. 2,120,583; June 14.  
 Air heating and conditioning device, Automobile. H. J. Findley. 2,116,145; May 3.  
 Air heating and conditioning unit. G. Herbster and J. Becvar. 2,129,059; Sept. 6.  
 Air heating apparatus. G. B. Burnside. 2,119,379; May 31.  
 Air heating assembly. C. M. Woolley. 2,122,168; June 28.  
 Air humidifier for a combustion engine. W. G. Hardt. 2,108,556; Feb. 15.  
 Air-inflating device. T. A. Hammond. 2,126,770; Aug. 16.  
 Air inflation and gauge device. W. H. Longstreet. 2,112,106; Mar. 22.  
 Air injector for internal combustion engines. A. J. Loebis. 2,112,602; Mar. 29.  
 Air inlet arrangement for two-cycle internal combustion engines. F. Sass. 2,123,065; July 5.  
 Air inlet device for internal combustion engines. M. Boettcher. 2,124,228; July 19.  
 Air inlet means for incinerators and furnaces. H. W. Ewing. 2,119,322; May 31.  
 Air, Method and apparatus for conditioning. E. Altenkirch. 2,138,691; Nov. 29.  
 Air, Method and apparatus for conditioning. R. T. Smith. 2,116,480; May 3.  
 Air, Method and apparatus for separating. W. L. DeBaufre. 2,128,692; Aug. 30.  
 Air mixer for internal combustion engines, Supplementary. E. D. Peerstone. 2,113,925; Apr. 12.  
 Air or gas, Conditioning. F. R. Bichowsky. 2,108,248; Feb. 15.  
 Air or gas controlling valve. J. Jensen. 2,140,292; Dec. 13.  
 Air or gases, for drying and other convenient purposes, Process and apparatus for the continuous production of warm. H. Lösche. 2,139,760; Dec. 13.  
 Air or other fluids, Method and system for treating. T. Chester. 2,131,725; Oct. 4.  
 Air or other gas, or for cooling a liquid, Apparatus for purifying or washing. R. M. Drummond. 2,120,490; June 14.  
 Air or the like, Apparatus and process for conditioning. E. Altenkirch. Re. 20,933; Nov. 29.  
 Air or watercraft propulsion. C. M. Lee. 2,106,928; Feb. 1.  
 Air outlet and current equalizer. J. H. Van Alsborg. 2,124,801; July 26.  
 Airplane. J. M. Ballou. 2,104,006; Jan. 4.  
 Airplane. G. M. Bellanca. 2,135,096; Nov. 1.  
 Airplane. H. L. Grimes. 2,137,486; Nov. 22.  
 Airplane. R. F. Hall. 2,112,154; Mar. 22.  
 Airplane. R. F. Hall. 2,118,705; May 24.  
 Airplane. S. Hilmy. 2,141,984; Dec. 27.  
 Airplane. J. J. O'Neill. 2,114,606; Apr. 19.  
 Airplane. D. Roberts and F. W. Peel. 2,106,761; Feb. 1.  
 Airplane. W. W. Rothenbocker. 2,137,952; Nov. 22.  
 Airplane. C. Twining. 2,119,369; May 31.  
 Airplane. F. E. Weick. 2,110,516; Mar. 8.  
 Airplane catapult. H. C. Richardson and W. M. Fellers. 2,127,531; Aug. 23.  
 Airplane construction. F. M. Bellanca. 2,140,783; Dec. 20.  
 Airplane construction. W. B. Firner. 2,132,529; Oct. 11.  
 Airplane device. P. M. Wood. 2,135,119; Nov. 1.  
 Airplane fabric attachment. K. Schmidt. 2,140,558; Dec. 20.  
 Airplane flotation device. V. J. Hill, Jr., and H. E. Helgis. 2,134,653; Oct. 25.  
 Airplane having a variable lifting surface. J. Gerin. 2,136,128; Nov. 8.  
 Airplane launching. F. T. Courtney. 2,134,033; Nov. 1.  
 Airplane propeller. M. Löff. 2,128,780; Aug. 30.  
 Airplane refueling system. K. Arndt. 2,131,610; Sept. 27.  
 Airplane running light. F. C. Breckenridge. 2,121,783; June 28.  
 Airplane structure. A. Sambraus. 2,116,953; May 10.  
 Airplane terminal. S. H. Seidman. 2,133,721; Oct. 18.  
 Airplane wing, Extensible. M. Gihwa. 2,137,047; Nov. 15.  
 Airplane wing, Gyrotory. T. Ash, Jr. 2,108,245; Feb. 15.  
 Airplane wing structure. N. A. Dralm. 2,111,557; Mar. 22.  
 Airplane wing structure. P. E. Mercier. 2,138,352; Nov. 20.  
 Airplane with floating wings. J. Akerman. 2,105,307; Jan. 11.  
 Airplanes, Tail skid for. W. Blume. 2,117,786; May 17.  
 Air preheater. C. J. Herbeck. 2,122,176; June 28.  
 Air pump. G. W. Bayers. 2,109,718; Mar. 1.  
 Air register. G. P. Haynes. 2,125,022; July 26.  
 Air regulator for incubators, Automatic. J. L. Warner. 2,107,809; Feb. 8.  
 Air release means and combination in railway air-brake system. J. Ham. 2,121,774; June 28.  
 Air resistance of fibrous articles, Apparatus for predicting. E. K. Long. 2,104,047; Jan. 4.  
 Airscrew having a variable pitch. L. E. Chauvière. 2,138,339; Nov. 29.  
 Airscrew, Variable or controllable pitch. H. L. Milner. 2,117,674; May 17.  
 Airscrew, Variable pitch. P. P. Ratié. 2,141,552; Dec. 27.  
 Air separation plants, Method and apparatus for defrosting. W. L. DeBaufre. 2,113,680; Apr. 12.  
 Air separator. R. M. Gay. 2,109,477-8; Mar. 1.  
 Airship. A. Goetz. 2,126,188; Aug. 9.  
 Airships, Flight retarder for. F. Weidman. 2,138,949; Dec. 6.  
 Air, Time controlled means for distributing. S. E. Lyman. 2,104,088; Jan. 4.  
 Air to carburetors, Device for conditioning the intake. P. W. Noble. 2,105,433; Jan. 11.  
 Air treating apparatus. T. G. Crider. 2,114,761; Apr. 19.  
 Air valve. J. F. Stanwich. 2,119,723; June 7.  
 Air-vapor mixtures, Making. G. D. Peet. 2,141,875; Dec. 27.  
 Air venting valve. J. A. Parks, Jr. 2,112,211; Mar. 22.  
 Airway, Expandable respiratory. J. T. Gwathmey. 2,127,215; Aug. 16.  
 Air with liquids, Apparatus to laden the. W. F. Jones. 2,108,587; Feb. 15.  
 Alarm. M. B. Fulton. 2,108,851; Feb. 22.  
 Alarm. G. Kratz. 2,104,202; Jan. 4.  
 Alarm and extinguisher, Fire. J. Grison. 2,119,103; May 31.  
 Alarm apparatus for temperature control. M. O. Snediker. 2,119,605; June 7.  
 Alarm, Burglar. J. A. Wall. 2,138,316; Nov. 29.  
 Alarm, Burglar and fire. E. F. Taylor. 2,139,703; Dec. 13.  
 Alarm, Compass. J. H. Hammond, Jr. 2,118,082; May 24.  
 Alarm device. F. Riley, Jr. 2,110,340; Mar. 8.  
 Alarm device. D. Sands. 2,122,921; July 5.  
 Alarm, Electric. B. J. Anderson. 2,130,991; Sept. 20.  
 Alarm, Fire. A. K. Helmersen. 2,136,740; Nov. 15.  
 Alarm, Hold-up. H. O. Rugh. 2,135,476; Nov. 1.  
 Alarm interval timer. F. Lux. 2,113,274; Apr. 5.  
 Alarm, Liquid level. E. R. Wolfert. 2,120,825; June 14.  
 Alarm mat, Electric. A. D. Shaw. 2,128,058; Aug. 23.  
 Alarm mechanism for shear-pin couplings. A. C. Lind. 2,124,965; July 26.  
 Alarm, Rotary speed. O. Stankey. 2,138,648; Nov. 29.  
 Alarm, Shear pin. R. W. Suman. 2,113,666; Apr. 12.  
 Alarm signaling system. C. F. Ffolliott. 2,122,460; July 5.  
 Alarm signaling system, Fire. P. G. Brack. 2,111,237; Mar. 15.  
 Alarm system. E. D. Cook. 2,112,826; Apr. 5.  
 Alarm system. A. J. Rakos. 2,106,658; Jan. 25.  
 Alarm system, Burglar. L. H. Chase and C. L. London. 2,129,261; Sept. 6.  
 Alarm water column. W. J. Kinderman. 2,118,311; May 24.  
 Alcohol acrylates, Amino. G. D. Graves. 2,138,031; Nov. 29.  
 Alcohol and acetone by fermentation, Production of butyl. E. F. McCoy. 2,110,109; Mar. 1.  
 Alcohol burner. M. B. Solomon. 2,130,434; Sept. 20.  
 Alcohol by fermentation, Production of butyl. C. F. Arzberger. 2,139,108; Dec. 6.  
 Alcohol by fermentation, Production of butyl. E. H. Carnarius and W. N. McCutchan. 2,139,111; Dec. 6.  
 Alcohol by the catalytic hydrogenation of esters of carboxylic acids, Producing. L. W. Covert and C. E. Andrews. 2,118,007; May 17.  
 Alcohol, Device for detecting ethyl. C. Ferguson. 2,141,646; Dec. 27.  
 Alcohol, Drying. R. B. Derr. 2,137,605; Nov. 22.  
 Alcohol esters of dibasic acids and method of producing. Terpene. J. N. Borghin. 2,136,000; Nov. 8.  
 Alcohol esters of the alpha-substituted acyclic acids. Amino. G. D. Graves. 2,138,763; Nov. 29.  
 Alcohol fermentation, Butyl. D. A. Legg and M. T. Walton. 2,132,358; Oct. 4.  
 Alcohol fermentation process, Butyl. D. A. Legg and H. R. Stiles. 2,122,884; July 5.  
 Alcohol from Indian corn, Manufacture of ethyl. T. B. Wagner. 2,132,250; Oct. 4.  
 Alcohol, Manufacture of aromatic. H. S. Davis. 2,125,490; Aug. 2.  
 Alcohol, Manufacture of ethyl. F. J. Metzger. Re. 20,739; May 24.  
 Alcohol, Producing Isopropyl. F. J. Metzger. Re. 20,738; May 24.  
 Alcohol, Production of aliphatic. N. D. Scott and V. L. Hunsley. 2,113,243; Apr. 5.  
 Alcohol, Production of polymerized vinyl. W. O. Herrmann, W. Hachuel, and H. Berg. 2,109,883; Mar. 1.



- Alcohol production, Secondary. F. M. Archibald and H. G. Schneider. 2,109,004; Feb. 22.
- Alcohol, Purifying beta-phenylethyl. J. W. Britton. 2,114,286; Apr. 19.
- Alcohol, Treatment of polyvinyl. W. W. Watkins. 2,130,212; Sept. 13.
- Alcoholic liquids adapted for human consumption, Ameliorating. C. G. Lehr. 2,118,049; May 24.
- Alcoholic spirits, Aging distilled. C. K. Reiman. 2,132,435; Oct. 11.
- Alcohols and making same. H. A. Bruson. 2,114,122; Apr. 12.
- Alcohols and preparing them, Halogen-substituted. W. Fitzky. 2,124,851; July 26.
- Alcohols and the products produced thereby, Treatment of sulphonated fatty. J. Hirschberger. 2,141,245; Dec. 27.
- Alcohols by removing the oily impurities, Purifying. F. M. Archibald. 2,107,265; Feb. 8.
- Alcohols, Dehydrating aqueous. G. L. Cunningham. 2,121,954; June 28.
- Alcohols for aqueous emulsions, Separating higher aliphatic. C. O. Henke and H. M. Parmelee. 2,104,803; Jan. 11.
- Alcohols from alkyl sulphuric acids, Producing. W. H. Shiffer, M. M. Holm, and M. F. Miller. 2,106,877; Feb. 1.
- Alcohols from hydrocarbon polymers, Process and products relating to recovery of. A. J. van Peski. 2,107,065; Feb. 1.
- Alcohols from olefines. D. J. Loder. 2,135,455; Nov. 1.
- Alcohols from olefines, Manufacture of. R. E. Burk and H. P. Lankelma. 2,109,462; Mar. 1.
- Alcohols from olefines, Producing. B. T. Brooks. 2,114,463; Apr. 19.
- Alcohols from petroleum, Production of. J. J. Pelc. 2,110,816; Mar. 8.
- Alcohols from the corresponding ketones, Producing high molecular. F. J. McCall. 2,108,133; Feb. 15.
- Alcohols, Halogenation of aliphatic. J. F. Olin and G. E. Hinds. 2,122,110; June 28.
- Alcohols, Higher molecular. H. Bertsch. 2,132,348; Oct. 4.
- Alcohols, Manufacture of. A. W. Francis. 2,118,881-2; May 31.
- Alcohols, Manufacture of. V. Ipatieff and V. Komarewsky. 2,107,794; Feb. 8.
- Alcohols, Manufacture of aromatic. E. T. Theimer. 2,125,968; Aug. 9.
- Alcohols, Manufacture of high molecular aliphatic. A. Guyer. 2,110,483; Mar. 8.
- Alcohols of high molecular weight, Producing aliphatic. H. Zorn, F. Vogel, and H. Wolter. 2,119,899; June 7.
- Alcohols, Producing unsaturated. W. Engs, H. W. de Jong, and M. W. Tamele. 2,139,115; Dec. 6.
- Alcohols, Production of polyhydric. H. P. A. Groll and G. Hearne. 2,122,813; July 5.
- Alcohols, Purification of. A. J. Tulleners. 2,139,179; Dec. 6.
- Alcohols, Recovery of polyhydric. K. R. Brown. 2,116,665; May 10.
- Aldehydes and carboxylic acids and preparing them, Polycyclic aromatic. H. Vollmann and H. Becker. 2,127,096; Aug. 16.
- Aldehydes, Making. D. F. Babcock and J. H. Werntz. 2,123,520; July 12.
- Alcohol condensation process. S. H. McAllister and E. F. Bullard. 2,130,592; Sept. 20.
- Aligner. G. Mafera. 2,123,484; July 12.
- Aligner and holder for screw spiking machines. J. C. W. Mathias. 2,135,087; Nov. 1.
- Aligner for manifolding sheaves. R. V. Potteliger. 2,137,588; Nov. 22.
- Aligning device. L. H. Strayer. 2,117,376; May 17.
- Aligning device for cold roll forming machines and the like. D. A. Johnston. 2,122,615; July 5.
- Alignment of dirigible vehicle wheels, Determining the. J. W. Morse. 2,108,383; Feb. 15.
- Alimentary product, Making an. A. D. Barbour. 2,125,215; July 26.
- Aliphatic acid anhydrides and aldehydes, Making lower. H. Dreyfus. 2,106,798; Feb. 1.
- Aliphatic compounds, Sulphated. F. W. Muncie. 2,127,567; Aug. 23.
- Alkali metal acetylides with alkylene oxides and products thereby produced, Preparing. O. R. Krelmeier. 2,106,182; Jan. 25.
- Alkali metal amides, Producing substituted. K. Ziegler. 2,141,058; Dec. 20.
- Alkali metal and ammonium nitrates. W. Wild and F. Lieseberg. 2,140,726; Dec. 20.
- Alkali metal hydroxides, Purification of. H. M. Spittle. 2,132,585; Oct. 11.
- Alkali-metal metaphosphate from water-insoluble alkali-metal metaphosphates, Preparing a solution of calcium-repressing. C. J. Munter. 2,130,557; Sept. 20.
- Alkali metal nitrates, Production of. A. S. Denny. 2,106,168; Jan. 25.
- Alkali metal nitrates, Recovery of. H. A. Beekhuis, Jr. 2,124,536; July 26.
- Alkali metal salts of 2-benzoylbenzoic acid compounds, Preparation of. O. Stallmann. 2,107,652; Feb. 8.
- Alkali metal sulphides, Producing anhydrous. H. T. J. König. 2,106,952; Feb. 1.
- Alkali metal titanates. J. Rockstroh. 2,111,460; Mar. 15.
- Alkali metals with aromatic hydrocarbons, Reacting. N. D. Scott. 2,125,401; Aug. 2.
- Alkali process for reclaiming rubber waste. E. Bemelmans. 2,131,685; Sept. 27.
- Alkaline earth carbonate, Production of. H. S. Booth. 2,112,903; Apr. 5.
- Alkaline surfaces, Coating. P. L. Magill. 2,125,386; Aug. 2.
- Alkaloid compound. R. S. McKinney. 2,139,839; Dec. 13.
- Alkoxy alkanol esters, Long chain. G. D. Graves. 2,118,506; May 24.
- Alkoxy derivatives of methacrylic acid esters and producing them. R. A. Jacobson. 2,128,208; Aug. 23.
- Alkyl-aryloxy-alkylols, Sulphonated. H. A. Bruson. 2,106,716; Feb. 1.
- Alkyl benzenes, Hydrogenation of mono nitrated. C. O. Henke and R. G. Benner. 2,131,734; Oct. 4.
- Alkyl chlorides. E. W. Bousquet. 2,124,605; July 26.
- Alkyl derivatives of phenols, Production of nuclear. L. H. Flett. 2,134,711; Nov. 1.
- Alkyl ethers, Production of saturated morpholine alkanol. A. L. Wilson. 2,128,887; Aug. 30.
- Alkyl formates, Preparation of. J. L. Brill and R. W. Plummer. 2,117,600; May 17.
- Alkyl halides, Making. T. Kane. 2,119,167; May 31.
- Alkyl halides, Manufacture of. T. Kane. 2,119,079; May 31.
- Alkyl phenol sulphonates, Production of. L. H. Flett. 2,134,712; Nov. 1.
- Alkyl phenols. H. E. Buc. 2,104,412; Jan. 4.
- Alkyl-phenyloxy-ethers of 2:4 dinitrobenzene, Manufacture of. T. L. Cantrell and J. O. Turner. 2,134,434; Oct. 25.
- Alkyl sulphates, Production of. C. J. Stehman. 2,105,512; Jan. 18.
- Alkylaniline monosulphonic acids and their manufacture. S. Conney and N. H. Haddock. 2,118,495; May 24.
- Alkylidene diesters, Manufacture of. H. Dreyfus. 2,121,342; June 21.
- Alkylphenols and producing the same, Substituted. F. F. Blicke. Re. 20,683; Mar. 29.
- Alloy: See—
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| Acid resisting alloy.                    | Ferromagnetic alloy.       |
| Aluminum alloy.                          | Ferrous alloy.             |
| Aluminum base alloy.                     | Hard alloy.                |
| Arsenic iron alloy.                      | Hard substance alloy.      |
| Bearing alloy.                           | Magnesium alloy.           |
| Bearing metal alloy.                     | Magnesium base alloy.      |
| Boron alloy.                             | Magnesium-boron alloy.     |
| Brass pipe alloy.                        | Magnetic alloy.            |
| Brazing alloy.                           | Manganese alloy.           |
| Bronze alloy.                            | Metal alloy.               |
| Copper alloy.                            | Nontarnish alloy.          |
| Copper base alloy.                       | Palladium alloy.           |
| Copper-cobalt-zinc alloy.                | Tin alloy.                 |
| Copper-silicon-iron-lead-alloy.          | Titanium iron alloy.       |
| Copper-silver-beryllium-manganese alloy. | Welding and brazing alloy. |
- Alloy. W. R. Breeler. 2,127,245; Aug. 16.
- Alloy. M. H. Brown. 2,109,285; Feb. 22.
- Alloy. A. G. de Golyer. 2,126,742; Aug. 16.
- Alloy. A. G. de Golyer. 2,126,744-50; Aug. 16.
- Alloy. A. G. de Golyer. 2,129,346; Sept. 6.
- Alloy. A. G. de Golyer. 2,135,494-5; Nov. 8.
- Alloy. B. Egeberg and R. W. Tindula. 2,108,048; Feb. 15.
- Alloy. F. R. Hensel and E. I. Larsen. 2,123,629; July 12.
- Alloy. F. R. Hensel and E. I. Larsen. 2,127,596; Aug. 23.
- Alloy. H. R. Kiepe. 2,132,116; Oct. 4.
- Alloy. R. H. Leach. Re. 20,638; Jan. 25.
- Alloy. E. F. Lowry. 2,121,759; June 21.
- Alloy. A. R. MacGregor. 2,125,680; Aug. 2.
- Alloy. J. V. O. Palm and C. E. Swartz. 2,124,589; July 26.
- Alloy. A. W. Peterson. 2,141,156; Dec. 20.
- Alloy. E. M. Prosen. 2,128,847; Aug. 30.
- Alloy. H. H. Schwarzkopf. 2,119,965; June 7.
- Alloy. J. Tausz. 2,141,201; Dec. 27.
- Alloy. E. G. Touceda. 2,134,423; Oct. 25.
- Alloy. M. J. Udy. 2,117,263; May 10.
- Alloy. S. Umbreit. 2,131,909; Oct. 4.
- Alloy. H. L. Whitman. 2,123,449; July 12.
- Alloy and making the same, Boron carbide. R. R. Ridgway. 2,141,617; Dec. 27.
- Alloy and making the same, Hard metal. H. N. Padowicz. 2,119,487; May 31.
- Alloy and manufactures. V. N. Krivobok. 2,115,732-3; May 3.
- Alloy and manufactures. V. N. Krivobok. 2,125,299; Aug. 2.
- Alloy and manufactures. V. N. Krivobok. 2,125,929; Aug. 9.
- Alloy and method, Deoxidizing. J. Strauss and G. L. Norris. 2,137,863; Nov. 22.
- Alloy and producing the same, Cast iron. W. J. Sparling. 2,119,833; June 7.
- Alloy and welding rod, Copper base. A. R. Lytle. 2,112,373; Mar. 29.
- Alloy article for brazing and preparing it, Copper base. H. F. Silliman. 2,123,384; July 12.



- Alloy articles and making same, Noncorrodible. W. B. Arness. 2,121,391; June 21.
- Alloy, especially for tools, Hard metal. P. Schwarzkopf. 2,122,157; June 28.
- Alloy, Ferrous. R. S. Dean. Re. 20,800; July 19.
- Alloy for permanent magnets. K. Honda. 2,105,657; Jan. 18.
- Alloy of nickel, titanium cobalt, iron, and aluminum for permanent magnets. K. Honda. 2,105,655; Jan. 18.
- Alloy steel, Boron. A. G. de Golyer. 2,137,109-10; Nov. 15.
- Alloy steel, High speed. A. J. Herzig. 2,109,746; Mar. 1.
- Alloy steel tool. J. P. Gill. 2,105,114; Jan. 11.
- Alloys. E. S. Bunn. 2,123,840; July 12.
- Alloys. B. Egeberg and R. W. Tindula. 2,108,050; Feb. 15.
- Alloys. R. H. Leach. 2,138,637-8; Nov. 29.
- Alloys. J. S. Streicher. 2,107,310; Feb. 8.
- Alloys and making same. H. N. Padowicz. 2,119,488; May 31.
- Alloys and making same, Refractory metal. W. J. Beer. 2,119,489; May 31.
- Alloys containing cerium and other elements, Magnesium. J. L. Haughton and W. E. Prytherch. 2,121,292; June 21.
- Alloys, Copper. F. R. Hensel. 2,127,117; Aug. 16.
- Alloys, Copper. F. R. Hensel and E. I. Larsen. 2,135,254; Nov. 1.
- Alloys, Copper. F. R. Hensel and E. I. Larsen. 2,136,212; Nov. 8.
- Alloys, Copper. F. R. Hensel and E. I. Larsen. 2,136,918; Nov. 15.
- Alloys, Copper. F. R. Hensel and E. I. Larsen. 2,137,281-5; Nov. 22.
- Alloys, Copper base. F. R. Hensel and E. I. Larsen. 2,123,628; July 12.
- Alloys, Copper-silver. F. R. Hensel and E. I. Larsen. 2,126,633; Aug. 9.
- Alloys, Copper-thorium. F. R. Hensel and E. I. Larsen. 2,136,548; Nov. 15.
- Alloys, Copper-uranium. F. R. Hensel and E. I. Larsen. 2,136,549; Nov. 15.
- Alloys, Corrosion resisting ferrous. J. A. Parsons, Jr. 2,134,670; Oct. 25.
- Alloys, Electrolytic preparation of alkaline-earth. R. A. Gadeau. 2,111,470; Mar. 15.
- Alloys for addition to iron and steel. G. L. Norris. 2,139,515-6; Dec. 6.
- Alloys for electrical contacts and electrodes. H. H. Schwarzkopf. 2,116,252; May 3.
- Alloys, Hard. C. W. Balke. 2,106,161-2; Jan. 25.
- Alloys, Heat resistant. W. Gödecke and W. Guertler. 2,105,283; Jan. 11.
- Alloys, Heat-treating. J. W. Bolton. 2,116,923; May 10.
- Alloys, Making aluminum. C. T. Greenidge and S. L. Hoyt. 2,113,021; Apr. 5.
- Alloys, Making aluminum base. P. T. Stroup. 2,107,085; Feb. 15.
- Alloys, Making steel and iron. D. M. Crist. 2,108,043; Feb. 15.
- Alloys, Manufacturing hard metal. R. Kieffer. 2,134,305; Oct. 25.
- Alloys, Manufacture of. L. B. Pfeil. 2,138,459; Nov. 29.
- Alloys, Nontarnish. B. Egeberg and R. W. Tindula. 2,108,049; Feb. 15.
- Alloys of improved characteristics, Copper. F. R. Hensel and E. I. Larsen. 2,136,919; Nov. 15.
- Alloys of lead and tin, Refining. J. O. Betterton and Y. E. Lebedeff. 2,119,197; May 31.
- Alloys of magnesium and aluminum, Making. A. Luchenowsky. 2,112,703; Mar. 29.
- Alloys, Palladium-silver-platinum. E. M. Wise. 2,129,721; Sept. 13.
- Alloys, Preparation of lead-sodium. L. S. Bake. 2,109,005; Feb. 22.
- Alloys, Producing beryllium. M. Merlub-Sobel. 2,135,983; Nov. 8.
- Alloys, Producing lead. F. W. Willard. 2,104,444; Jan. 4.
- Alloys, Producing molybdenum. A. Linz. 2,135,189; Nov. 1.
- Alloys, Silver. K. L. Emmert. 2,136,915; Nov. 15.
- Alloys, Sintered hard metal. J. Hinnüber. 2,123,046; July 5.
- Alloys, Sintered hard metal. J. Hinnüber. 2,128,146; Aug. 23.
- Alloys, Treating austenitic chrome-nickel steel. J. P. Sachse. 2,107,014; Feb. 1.
- Alloys with high initial permeability, Magnetic. K. Honda and T. Nishina. 2,114,100; Apr. 12.
- Alloys, Working. B. L. Robinson. 2,128,054; Aug. 23.
- Alpha-nitronaphthalene, Hydrogenation of. C. O. Henke and R. G. Bonner. 2,105,321; Jan. 11.
- Alpha substituted glycerol nitrates. H. P. A. Groff. 2,139,264; Dec. 6.
- Alternating current machine, Self-exciting. T. E. McDowell and J. G. Howard. 2,134,880; Nov. 1.
- Alternating current measurement, Heavy. H. W. Lord. 2,132,267; Oct. 4.
- Alternating current motor, Synchronizing. J. A. Balmford. 2,108,038; Feb. 15.
- Alternating current system of distribution. G. A. Matthews. 2,104,131; Jan. 4.
- Altimeter. C. H. H. Rodmet. 2,135,950; Nov. 8.
- Altimeter, Quick reading. P. Kollsman. Re. 20,948; Dec. 13.
- Altitude control means for aircraft. P. E. Köster. 2,137,942; Nov. 22.
- Alum solution for paper sizing, Preparation of. J. A. De Cew. 2,138,840; Dec. 6.
- Alumina and potash from aluminous ores, Recovering. R. M. Moffat. 2,134,793; Nov. 1.
- Alumina and potassium sulphate, Making. F. B. McCarthy. 2,119,551; June 7.
- Alumina, Manufacturing. J. C. Séailles. 2,140,883; Dec. 20.
- Alumina production. R. B. Derr and H. B. Stere. 2,127,504; Aug. 23.
- Aluminium alloy. Y. Matuenaga. 2,116,273-5; May 3.
- Aluminous materials, Purifying. M. E. Nordberg. 2,141,444; Dec. 27.
- Aluminium alloy. R. H. Brown. 2,106,827; Feb. 1.
- Aluminium alloy. Y. Matuenaga. 2,109,117; Feb. 22.
- Aluminium alloy. J. A. Nock, Jr. 2,131,520; Sept. 27.
- Aluminium alloy. H. Steudel and H. Wiechell. 2,118,686; May 24.
- Aluminium alloy and making the same, piston and piston ring formed from said alloy. H. G. Schwarz. 2,131,076; Sept. 27.
- Aluminium and alloys thereof, Extrusion of tubular shapes of. W. S. Underhill. 2,135,194; Nov. 1.
- Aluminium base alloy. N. V. Hybinette. 2,136,053; Nov. 8.
- Aluminium base alloy, Heat treated. E. F. Fischer. 2,123,886; July 19.
- Aluminium bronze powder. F. C. Arthur and J. B. Barnitt. 2,125,870; Aug. 9.
- Aluminium chloride, Preparing. W. S. Calcott. 2,123,766; July 12.
- Aluminium, Coating. F. A. Wales. 2,111,377; Mar. 15.
- Aluminium compound, Adherent. C. H. Hempel. 2,137,988; Nov. 22.
- Aluminium compounds from aluminiferous minerals, Recovery of. W. Fulda, E. Wiedbrauck, and K. Büche. 2,123,650; July 12.
- Aluminium product, Coated. O. Stockmar. 2,106,259; Jan. 25.
- Aluminium reflecting surfaces, Production of. R. B. Mason. 2,108,603; Feb. 15.
- Aluminium salts of lower aliphatic acids, Preparing. J. Lösch. 2,141,477; Dec. 27.
- Aluminium surfaces, Coloring oxide-coated. R. E. Pettit. 2,127,885; Aug. 23.
- Alunite, Cyclic process for treating. W. E. McCullough. 2,120,840; June 14.
- Amalgamating machine. G. C. Anderson. 2,122,400; July 5.
- Amalgamator. H. D. Christensen, W. C. La Rue, and V. E. Zackerson. 2,120,965; June 21.
- Amalgamator. W. S. De Lisle. 2,120,859; June 14.
- Amalgamator. W. A. Grant and E. F. Roach. 2,134,120; Oct. 25.
- Amalgamator. A. B. Hill. 2,134,445; Oct. 25.
- Amalgamator. H. W. Moir. 2,124,205; July 19.
- Amalgamator. J. D. Niles. 2,127,418; Aug. 16.
- Amalgamator. W. J. Scott. 2,140,142; Dec. 13.
- Amalgamator and concentrator. M. W. Kroll. 2,115,726; May 3.
- Amide derivatives of isoxazole carboxylic acids. M. Hoffer. 2,126,329; Aug. 9.
- Amides of aromatic dicarboxylic acids, Anthraquinonyl. W. Mieg and F. Wieners. 2,123,375; July 12.
- Amides of isoxazole carboxylic acids, Dialkyl substituted. M. Hoffer. 2,115,681; Apr. 26.
- Amides, Preparation of. G. F. D'Alelio and E. E. Reid. 2,109,941; Mar. 1.
- Amidines, Therapeutically active. K. Miescher and E. Urech. 2,131,141; Sept. 27.
- Amido derivatives, Metallo. S. Shappirio. 2,134,025; Oct. 25.
- Amine condensation products, Naphthazarine intermediate-aromatic. J. M. Tinker, L. Spiegel, and D. N. Klein. 2,135,366; Nov. 1.
- Amine hydriodides. F. B. Flisk. 2,128,741; Aug. 30.
- Amine salts of cevitic acid, Aliphatic. E. H. Vowdler and M. B. Moore. 2,132,662; Oct. 11.
- Amines and preparing the same, Unsaturated. W. H. Carothers and G. J. Berchel. 2,136,177; Nov. 8.
- Amines and producing same, Tertiary nonaromatic. W. H. Carothers. 2,110,199; Mar. 8.
- Amines as antioxidants for deteriorable compositions, Substituted secondary. A. M. Clifford. 2,105,806; Jan. 18.
- Amines of high molecular weight, Production of. A. Grün. 2,104,421; Jan. 4.
- Amines of high molecular weight, which are rich in nitrogen, Manufacture of. P. Schläpfer. 2,126,928; Nov. 15.
- Amines, Preparation of polynuclear hydroaromatic. C. Say. 2,127,377; Aug. 16.
- Amines, Preparing high molecular weight primary. J. Harwood. 2,137,644; July 5.
- Amines, Production of. W. Speer. 2,108,147; Feb. 15.
- Amines, Production of diaryl. M. F. Aiken. 2,120,968-9; June 24.
- Amines, Secondary. M. M. Levine. 2,111,863; Mar. 22.
- Amines, Synthesis of. P. E. McMillan. 2,112,970; Apr. 6.



- Amines with emulsions, Continuous process of manufacturing. C. Barbieri and J. R. Heard. 2,113,640; Apr. 12.
- Amino-acid derivatives and their manufacture. M. Iselin and J. Bindler. 2,139,190; Dec. 6.
- Amino-acridine derivatives, Basically substituted. F. Mietzsch and H. Mauss. 2,113,357; Apr. 5.
- Aminoalcohol. H. B. Hass and B. M. Vanderbilt. 2,139,123; Dec. 6.
- Aminoalcohols. H. B. Hass and B. M. Vanderbilt. 2,139,124; Dec. 6.
- Aminoalcohols, Aliphatic. H. B. Hass and B. M. Vanderbilt. 2,139,122; Dec. 6.
- Aminoalkyl-sulphonic acids and preparing them. O. Nicodemus and W. Schmidt. 2,109,401; Feb. 22.
- Amino-antraquinone compounds. G. Kränzlein, E. Diefenbach, and F. Eggert. 2,129,141; Sept. 6.
- Amino-antraquinone compounds, Chlorination of. W. Dettwyler. 2,128,178; Aug. 23.
- Amino-antraquinone compounds, Preparation of. R. S. Wilder. 2,112,258; Mar. 29.
- Amino-antraquinones, Anthraquinonoyl. J. Deinet. 2,129,993; Sept. 13.
- Amino bodies, Preparation of. J. A. Bertsch. 2,132,389; Oct. 11.
- Aminocellulose derivatives. J. F. Haskins. 2,136,299; Nov. 8.
- Amino-chlorodiphenyl derivatives. M. Harris. 2,126,009; Aug. 9.
- Amino compounds, Manufacture of hydroxy. H. H. Bassford, Jr. 2,132,454; Oct. 11.
- Amino derivatives of anthraquinone, Manufacture of. G. Lord and G. Reeves. 2,128,307; Aug. 30.
- Aminoguanidine salts, Preparation of. J. A. Wyler. 2,123,032; July 5.
- Amino-nitro-cyclohexyl-phenols. F. B. Smith. 2,128,195; Aug. 23.
- Aminophenyl-oxazolines. R. Adams and M. T. Leffler. 2,114,326; Apr. 19.
- Aminotrifluoromethyl-aryl-sulphonic acids and preparing them. H. Kracker and F. Herrlein. 2,119,882; June 7.
- Ammonia, Synthesis of. O. E. Roberts, Jr. 2,138,122; Nov. 29.
- Ammonium bases, Production of quaternary. H. Ulrich and E. Ploetz. 2,127,476; Aug. 16.
- Ammonium chloride crystals, Production of. C. H. Heimbach. 2,108,377; Feb. 15.
- Ammonium chloride, Making. W. Hirschkind. 2,133,513; Oct. 18.
- Ammonium compounds, Producing quaternary. H. Ulrich and E. Ploetz. 2,137,314; Nov. 22.
- Ammonium compounds, Quaternary. F. Münz, K. Keller, and O. Trösken. 2,104,092; Jan. 4.
- Ammonium compounds, Quaternary. L. Taub and F. Leuchs. 2,113,606; Apr. 12.
- Ammonium dithiocarbamate, Manufacture of. R. A. Mathes. 2,117,619; May 17.
- Ammonium dithiocarbamate, Manufacture of. R. A. Mathes. 2,123,370; July 12.
- Ammonium dithiocarbamate, Manufacturing of. R. A. Mathes. 2,123,371-3; July 12.
- Ammonium nitrate of low weight per unit of volume, Preparing. I. Petersen and A. Zehetmayr. 2,123,661; July 12.
- Ammonium nitrate, Producing. S. L. Handforth and K. C. Simon. 2,115,851; May 3.
- Ammonium nitrate to form nitrous oxide, Reacting. J. B. Castner and W. E. Kilst. 2,111,277; Mar. 15.
- Ammonium perphosphate in solid form, Electrolytic production of. W. Voelkel. 2,135,545; Nov. 8.
- Ammonium salts of mercapto-arylenethiazoles, Quaternary. W. Baird. 2,104,068; Jan. 4.
- Ammonium sulphate, Apparatus for the manufacture of. E. Schellenburg. 2,137,729; Nov. 22.
- Ammonolysis of halogeno-aromatic compounds to produce amines. R. Frye. 2,104,983; Jan. 11.
- Ammunition. W. Brün. 2,111,203; Mar. 15.
- Ammunition. W. Brun and J. E. Burns. 2,116,878; May 10.
- Ammunition. E. G. Whipple. 2,123,981; July 19.
- Ammunition and firearm. H. Rost. 2,129,875; Sept. 13.
- Ammunition and to an igniter mixture for tracer compositions, Tracer. T. Stevenson and E. R. Rechel. 2,115,047; Apr. 26.
- Ammunition container. C. A. Larsson. 2,110,160; Mar. 8.
- Ammunition tank. C. F. Lambert. 2,127,263; Aug. 16.
- Ampere-squared-hour meter. T. A. Rich. 2,129,537; Sept. 6.
- Amplification and tuning controls, Combined. W. V. Roberts. 2,124,211; July 19.
- Amplifier. H. W. Bode. 2,123,178; July 12.
- Amplifier. C. W. Hansell. 2,118,845; May 31.
- Amplifier. F. G. Holst. 2,111,589; Mar. 22.
- Amplifier. N. E. Lindblad. 2,131,566; Sept. 27.
- Amplifier. B. J. Thompson. 2,122,850; July 5.
- Amplifier. R. Weber. 2,113,148; Apr. 5.
- Amplifier. W. Wehnert. 2,116,719; May 10.
- Amplifier and circuit therefor, High frequency. A. Zillger. 2,120,122; June 7.
- Amplifier, Audio-frequency. R. A. Bierwirth. 2,113,393; Apr. 5.
- Amplifier, Audio frequency. L. D. Norton. 2,132,830; Oct. 11.
- Amplifier, Cascaded secondary electron emitter. H. C. Thompson. 2,141,322; Dec. 27.
- Amplifier circuit. F. H. Shepard, Jr. 2,137,419; Nov. 22.
- Amplifier circuit, Balanced. A. Zillger. 2,120,794; June 14.
- Amplifier circuit scheme with push-pull output. R. Urtel. 2,109,760; Mar. 1.
- Amplifier, Direct-current. M. Artzt. 2,123,924; July 19.
- Amplifier, Electric wave. J. B. Harley. 2,123,241; July 12.
- Amplifier, High frequency. R. A. Braden. 2,112,065; Mar. 22.
- Amplifier, High frequency. R. S. Holmes. 2,111,397; Mar. 15.
- Amplifier, High frequency magnetron. E. G. Linder. 2,134,038; Nov. 1.
- Amplifier, Intermediate frequency. L. E. Barton. 2,133,795; Oct. 18.
- Amplifier, Intermediate-frequency. T. J. Weyers. 2,115,377; Apr. 26.
- Amplifier, Mixing. E. A. Laport. 2,124,805; July 26.
- Amplifier neutralizing system. G. W. Fyler. 2,117,949; May 17.
- Amplifier of space displacements. J. M. Pestarini. 2,122,917; July 5.
- Amplifier, Push-pull. H. Bartels. 2,138,898; Dec. 6.
- Amplifier, Push-pull. R. Hofer. 2,115,854; May 3.
- Amplifier, Reflection. L. W. Blau and R. W. Gemmer. 2,133,418; Oct. 18.
- Amplifier system. R. H. George and H. J. Heim. 2,137,278; Nov. 22.
- Amplifier system, Short wave radio frequency. M. G. Clay. 2,122,558; July 5.
- Amplifier, Television. K. Schlesinger. 2,141,411; Dec. 27.
- Amplifier, Thermionic. V. M. Cousins. 2,135,562; Nov. 8.
- Amplifier, Thermionic. E. Green. 2,122,772; July 5.
- Amplifier, Thermionic. D. L. Plaistowe. 2,137,413; Nov. 22.
- Amplifier tube. E. H. Yonkers, Jr. 2,107,811; Feb. 8.
- Amplifier, Tuned radio frequency. R. A. Braden. 2,115,694; Apr. 26.
- Amplifier, Vacuum tube. S. Ballantine. 2,134,747; Nov. 1.
- Amplifier, Variable. H. Bartels. 2,128,553; Aug. 30.
- Amplifier with oscillation producing adjustment. M. S. Klinedinst, O. B. Gunby and H. Belar. 2,121,434; June 21.
- Amplifiers, Building up of highly sensitive cascade. K. Schlesinger. 2,141,413; Dec. 27.
- Amplifiers, Electronically coupled regenerative. J. L. Hathaway. 2,127,334; Aug. 16.
- Amplifying and reproducing system. B. F. Miessner. 2,107,125; Feb. 1.
- Amplifying arrangement. A. van de Riet. 2,120,995; June 21.
- Amplifying arrangement comprising thermionic tubes having more than one grid. K. Posthumus. 2,119,514; June 7.
- Amplifying device. K. Posthumus. 2,119,351; May 31.
- Amplifying means, Change. J. W. Dawson. 2,137,043; Nov. 15.
- Amplifying relay system. W. Soller. 2,129,710; Sept. 13.
- Amplifying system. L. K. Swart. 2,121,935; June 28.
- Amplifying system. A. L. Timmer. 2,123,639; July 12.
- Amplifying system. B. van der Pol and K. Posthumus. 2,118,122; May 24.
- Amplitude and phase modulation. R. Schienemann. 2,140,769; Dec. 20.
- Amplitude modulation system. A. J. Rack. 2,129,870; Sept. 13.
- Ampule. A. Brand. 2,127,203; Aug. 16.
- Ampule. D. F. Pincock. 2,134,145; Oct. 25.
- Amusement apparatus. J. N. Bartlett. 2,107,196; Feb. 1.
- Amusement apparatus. J. N. Bartlett. 2,109,041; Feb. 22.
- Amusement apparatus. L. De Marco. 2,116,014; May 3.
- Amusement apparatus. L. G. Helleisen. 2,129,470; Sept. 6.
- Amusement apparatus. H. S. Hopkins. 2,137,976; Nov. 22.
- Amusement apparatus. R. B. McCutcheon. 2,137,345; Nov. 22.
- Amusement apparatus. B. E. Mills. 2,119,340; May 31.
- Amusement apparatus. A. W. Swenson. 2,112,255; Mar. 29.
- Amusement apparatus. W. A. Tratsch. 2,111,952; Mar. 22.
- Amusement apparatus, Coin controlled. B. S. Watling. 2,124,838; July 26.
- Amusement apparatus, Railway. J. F. Courtney. 2,135,230; Nov. 1.
- Amusement device. F. Alva. 2,129,981; Sept. 13.
- Amusement device. J. E. Bailey. 2,126,082; Aug. 9.
- Amusement device. C. F. Cookson. 2,108,430; Feb. 15.
- Amusement device. A. Dahlstrom and P. N. Nelson. 2,109,860; Mar. 1.
- Amusement device. J. L. Dillard. 2,111,179; Mar. 15.
- Amusement device. I. W. Eisenberg and F. W. Falck. 2,133,165; Oct. 11.
- Amusement device. E. F. Erhardt and O. A. Danomeyer. 2,111,848; Mar. 22.
- Amusement device. G. D. Fleak. 2,135,176; Nov. 1.



- Amusement device. W. Fuhrmann and W. G. Sand. 2,121,223; June 21.
- Amusement device. M. Goldman. 2,141,430-1; Dec. 27.
- Amusement device. H. W. Hanna. 2,137,839; Nov. 22.
- Amusement device. H. C. Hubbard and E. G. Davis. 2,138,859; Dec. 6.
- Amusement device. A. S. Jones. 2,138,008; Nov. 29.
- Amusement device. M. H. Kelly. 2,134,082; Nov. 1.
- Amusement device. S. A. Kornsweet. 2,109,539; Mar. 1.
- Amusement device. C. W. Lamb. 2,124,199; July 19.
- Amusement device. P. F. Meyer. 2,109,972; Mar. 1.
- Amusement device. A. C. Patey. 2,126,806; Aug. 16.
- Amusement device. C. A. Phelps. 2,130,289; Sept. 13.
- Amusement device. F. Pocell. 2,134,292; Nov. 1.
- Amusement device. L. H. Smith. 2,105,379; Jan. 11.
- Amusement device. A. Spillman. 2,109,555; Mar. 1.
- Amusement device. E. A. Zebulski. 2,124,939; July 26.
- Amusement device. Aquatic. J. G. Johnson. 2,139,022; Dec. 6.
- Amusement device, Force measuring. J. R. Sacher. 2,109,551; Mar. 1.
- Amusement device in which weights are projected upwardly. A. B. Smeal and W. K. Jull. 2,132,444; Oct. 11.
- Amusement device, Rotating. L. U. Eyerly. 2,113,131; Apr. 5.
- Amylase and protease, Separation of. E. Waldschmidt-Leitz and F. Ziegler. 2,121,459; June 21.
- Anaesthetic solutions and mixtures for preparing same. D. Curtis. 2,110,826; Mar. 8.
- Analyzer. H. Frötschner. 2,125,908; Aug. 9.
- Anamorphosers, Afocal opposed plane cylindrical. H. S. Newcomer. 2,121,567; June 21.
- Anatomical specimens and the like. Fixing and preserving gross. J. A. Weidemann. 2,106,261; Jan. 25.
- Anchor. R. T. Windle. 2,111,443; Mar. 15.
- Anchor, Aircraft. A. F. de Sèvresky. Re. 20,870; Oct. 4.
- Anchor, Bolt. G. O. Hiers. 2,120,279; June 14.
- Anchor, Bolt. G. W. Marshall. 2,139,167; Dec. 6.
- Anchor, Bolt. J. C. Mushet. 2,140,919; Dec. 20.
- Anchor, Cable. F. J. McHugh. 2,132,269; Oct. 4.
- Anchor, Earth. T. K. Cummins. 2,141,034; Dec. 20.
- Anchor, Earth. W. A. Heinrich and C. R. Pieper. 2,121,757; June 21.
- Anchor, Link-mat. A. Boedeker. 2,126,307; Aug. 9.
- Anchor, Packing. R. E. Fulkerson. 2,136,047; Nov. 8.
- Anchor, Rail. R. A. Blair. 2,126,983; Aug. 16.
- Anchor, Rail. F. W. Cooper. 2,106,548; Jan. 25.
- Anchor, Rail. J. M. Fair. 2,138,447; Nov. 29.
- Anchor, Rail. J. E. Lindeman. 2,136,554; Nov. 15.
- Anchor, Rail. A. T. Palmer. 2,139,847; Dec. 13.
- Anchor, Rail. L. Spencer. 2,116,955; May 10.
- Anchor, Rail. D. P. Wolhaupter. 2,132,367; Oct. 4.
- Anchor, Seat spring cover. J. M. Oldham. 2,125,519; Aug. 2.
- Anchor, Stockless. E. Duerr. 2,130,120; Sept. 13.
- Anchor, Stovepipe. C. B. Williams. 2,139,053; Dec. 6.
- Anchor, Structural. A. F. Arand. 2,130,531; Sept. 20.
- Anchor, Whip stock. E. K. Lane. 2,119,746; June 7.
- Anchorage for suspension bridge cables. H. D. Robinson. 2,127,235; Aug. 16.
- Anchored heel protector. C. H. Daniels. 2,122,809; July 5.
- Anchoring device. S. A. Guiberson, III. 2,106,392; Jan. 25.
- Anchoring device. J. W. Isett. 2,127,973; Aug. 23.
- Anchoring means. W. Noble. 2,129,439; Sept. 6.
- Anchoring means for false teeth. P. B. Adams. 2,112,007; Mar. 22.
- Anchoring means for window shades and the like. C. H. Suckel. 2,115,049; Apr. 26.
- Anemometer. F. Waller. 2,125,365; Aug. 2.
- Anesthetic. F. E. Guntrip. 2,126,463; Aug. 9.
- Anesthetic base and solution and their manufacture. Local. S. D. Goldberg. 2,139,818; Dec. 13.
- Anesthetic. Local. R. T. Major and A. B. Boese. 2,104,753; Jan. 11.
- Anesthetics, Apparatus for administering. G. King. 2,141,794; Dec. 27.
- Anesthetics, Device for administering. G. King. 2,141,793; Dec. 27.
- Anesthetics, Self-administration of gaseous. J. G. Sholes. 2,119,446; May 31.
- Anesthetizing apparatus. J. A. Heidbrink. 2,121,196; June 21.
- Anesthetizing machine. J. A. Heidbrink. 2,104,988; Jan. 11.
- Angle cutter. C. G. Gase. 2,113,178; Apr. 5.
- Angle hand piece. C. L. Stolte and P. Brong. 2,138,945; Dec. 6.
- Angle plate. S. Koller. 2,126,896; Aug. 16.
- Angle value transmitting device. R. Lang. 2,113,197; Apr. 5.
- Angler's implement. H. A. Cope. 2,109,859; Mar. 1.
- Angular position of unbalance in rotatable bodies, Apparatus to automatically determine the. J. Silvertson. 2,116,221; May 3.
- Anhydride, Acetylpyruvic. G. D. Graves. 2,135,709; Nov. 8.
- Anhydride, Manufacture of a lower aliphatic. H. Dreyfus. 2,116,657; May 10.
- Anhydride, Purification of phthalic. H. B. Foster and E. B. Punnett. 2,118,918; May 31.
- Anhydride reaction product and making it, Dipentene-maleic. I. W. Humphrey. 2,118,925; May 31.
- Anhydrides, Manufacture of organic. W. J. Hale. 2,117,554; May 17.
- Aniline derivatives, Manufacture of. S. Coffey and N. H. Haddock. 2,118,493; May 24.
- Animal feeder. J. A. Nasman. 2,116,361; May 3.
- Animal feeder. J. M. Ramsey. 2,121,407; June 21.
- Animal fibers, Printing. M. Kerth. 2,126,964; Aug. 16.
- Animal, Mechanical. J. Kurelic. 2,120,102; June 7.
- Animal membrane and sutures and making same, Absorbable insulating. H. L. Johnson. 2,135,399; Nov. 1.
- Animal restrainer. F. Sacker. 2,121,828; June 28.
- Animal snare trap. J. Oberle. 2,123,955; July 19.
- Animal tail wagging device. H. Rubenstein. 2,128,326; Aug. 30.
- Animal trap. V. Bailey. 2,110,389; Mar. 8.
- Animal trap. F. W. Corey. 2,128,579; Aug. 30.
- Animal trap. C. E. Evans. 2,138,092; Nov. 29.
- Animal trap. A. Fabian. 2,128,808; Aug. 30.
- Animal trap. M. W. Gatch. 2,137,739; Nov. 22.
- Animal trap. R. W. Miller. 2,123,789; July 12.
- Animal trap. J. M. Mitchell. 2,107,080; Feb. 1.
- Animal trap. E. S. Rinaldy and A. Schaefer. 2,120,812; June 14.
- Animal trap. G. C. Robbins. 2,110,678; Mar. 8.
- Animal trap. T. Shimamoto. 2,129,504; Sept. 6.
- Animal trap. W. D. Williams. 2,107,683; Feb. 8.
- Animal trap. L. J. Wilson. 2,110,517; Mar. 8.
- Animal trap. J. D. Zahm. 2,104,687; Jan. 4.
- Animated sign. F. Hotchner. 2,137,289; Nov. 22.
- Animated sign. G. A. Rogers. 2,119,558; June 7.
- Anklet, Angora. F. Avondoglio. 2,114,097; Apr. 12.
- Annealing. L. Wilson. 2,120,319; June 14.
- Annealing, Apparatus for. W. N. McCutcheon. 2,141,192; Dec. 27.
- Annealing box. K. J. Deahl. 2,115,416; Apr. 28.
- Annealing cover. E. N. Millan. 2,105,750; Jan. 13.
- Annealing furnace. J. C. Woodson. 2,125,661; Aug. 2.
- Annealing furnace, Electrically heated. W. Rohm. 2,104,886; Jan. 11.
- Announcer. Radio program. H. O. N. Evans, Jr. 2,105,527; Jan. 18.
- Annular automatic valve. A. Hoerbiger. 2,127,688; Aug. 23.
- Annunciator. A. D. Rollins. 2,139,466; Dec. 6.
- Annunciator system. M. F. Ketay. 2,116,947; May 10.
- Annunciator system. A. Parlett. 2,127,343; Aug. 16.
- Anode. C. F. Ott. 2,109,975; Mar. 1.
- Anode, Electrodeposition. W. J. Harshaw. 2,116,929; May 10.
- Anode support. W. W. Watrous, Jr. 2,129,392; Sept. 6.
- Anode unit, Electroplating. W. A. Crowder. 2,112,691; Mar. 29.
- Anodes for rectifiers provided with control electrodes, Arrangement of two or more. M. Demontvignier. 2,140,736; Dec. 20.
- Antenna. P. S. Carter. 2,126,531; Aug. 9.
- Antenna. W. S. Dutera. 2,118,429; May 24.
- Antenna. A. Gothe. 2,130,889; Sept. 20.
- Antenna. C. W. Hansell and N. E. Lindenblad. 2,112,287; Mar. 29.
- Antenna. C. W. Hansell and N. E. Lindenblad. 2,113,136; Apr. 5.
- Antenna. N. E. Lindenblad. Re. 20,922; Nov. 22.
- Antenna. N. E. Lindenblad. 2,111,636; Mar. 22.
- Antenna. C. A. Nickle. 2,125,804; Aug. 2.
- Antenna. W. Runge. 2,115,787; May 3.
- Antenna accessory. P. H. Smith. 2,140,174; Dec. 13.
- Antenna and coupler system. R. B. Dome. 2,104,610; Jan. 4.
- Antenna and coupler system, All-wave. R. B. Dome. 2,117,154; May 10.
- Antenna, Automobile radio. G. G. Wareing. 2,123,389; July 12.
- Antenna bracket and antenna. J. L. Gilmore. 2,123,414; July 12.
- Antenna counterpoise system. K. Vogt. 2,112,547; Mar. 29.
- Antenna coupling circuit. M. L. Thompson. 2,115,655; Apr. 26.
- Antenna coupling device for five meter receivers. P. De F. McKeel. 2,109,219; Feb. 22.
- Antenna coupling system. H. Vogt. 2,141,873; Dec. 27.
- Antenna device. A. B. Barnes. 2,128,554; Aug. 30.
- Antenna device. H. Klippenberg. 2,111,898; Mar. 15.
- Antenna, Directional. P. S. Carter. 2,112,269; Mar. 29.
- Antenna fair lead. A. A. Green. 2,137,450; Nov. 22.
- Antenna for an airplane with a metallic body. A. Lebl. 2,129,852; Sept. 13.
- Antenna for moving vehicles. W. G. Dunn. 2,139,938; Oct. 11.
- Antenna for short waves. Rod. W. Voigt. 2,119,692; June 7.
- Antenna selector system. A. P. King and R. S. Ohl. 2,136,621; Nov. 15.
- Antenna, Short wave. J. L. Reinartz. 2,116,734; May 10.
- Antenna support. H. O. Peterson. 2,126,030; Aug. 9.
- Antenna system. A. Alford. 2,127,908; Aug. 16.
- Antenna system. V. D. Landon. 2,135,037; Nov. 1.
- Antenna system. V. D. Landon and J. D. Reid. 2,110,150; Mar. 8.
- Antenna system. L. M. Leeds. 2,124,424; July 19.



- Antenna system. F. F. Merriam. 2,105,925; Jan. 18.  
 Antenna system. H. O. Peterson. 2,130,675; Sept. 20.  
 Antenna system. J. A. Pool. 2,110,715; Mar. 8.  
 Antenna system. E. J. Sterba. 2,140,145; Dec. 13.  
 Antenna system. W. H. Warren. 2,126,295; Aug. 9.  
 Antenna system, Directional. K. Schmid. 2,115,789; May 3.  
 Antenna system for motor vehicles. G. W. Fyler. 2,110,016; Mar. 1.  
 Antenna system for motor vehicles. G. W. Fyler. 2,133,855; Oct. 18.  
 Antenna system, Motor vehicle. H. C. Forbes. 2,138,961; Dec. 6.  
 Antenna system, Short wave. W. Berndt and A. Gothe. 2,138,900; Dec. 6.  
 Antenna system, Tuned. J. R. Rigandi. 2,132,881; Oct. 11.  
 Antenna tensioning device. H. Brüche. 2,134,027; Oct. 25.  
 Antenna unit. S. W. Carter. 2,119,380; May 31.  
 Antenna with reduced zenith radiation. H. Chireix. 2,109,835; Mar. 1.  
 Anthelmintics, Liquid. M. Bockmühl and G. Ehrhart. 2,111,504; Mar. 15.  
 Anthraquinone compounds. W. Dettwyler. 2,111,091; Mar. 15.  
 Anthraquinone compounds and their preparation. W. A. Herrett. 2,122,882; July 5.  
 Anthraquinone compounds in concentrated form, Insoluble. W. A. Herrett. 2,131,419; Sept. 27.  
 Anthraquinone derivatives. F. Lodge. 2,113,054; Apr. 5.  
 Anthraquinone derivatives. W. Mieg. 2,117,813; May 17.  
 Anthraquinonylguanidines and substituted anthraquinonylguanidines, Preparation of. M. Battegay. 2,112,724; Mar. 29.  
 Antiaircraft fire control device, Nocturnal. F. R. House. 2,139,636; Dec. 6.  
 Antiaircraft sight, Universal. F. R. House. 2,139,635; Dec. 6.  
 Anticorrosion process for zinc base castings. J. T. Ford. 2,128,550; Aug. 30.  
 Anticreeper, Railroad. J. Clark. 2,134,750; Nov. 1.  
 Anticryptogamic composition. A. D'Amico. 2,138,733; Nov. 29.  
 Antiflooding attachment for carburetors. F. E. Michael. 2,109,179; Feb. 22.  
 Antiflutter device. D. C. Rowe. 2,113,000; Apr. 5.  
 Antifoaming and antifreezing mixtures. M. T. Flaxman. 2,127,490; Aug. 16.  
 Antifogging composition. J. T. Benton. 2,107,361; Feb. 8.  
 Antifreeze compositions. C. E. Watts. 2,119,506; May 31.  
 Antifreeze liquid, Noncorrosive. L. J. Clapsadle and A. H. Tenney. 2,126,173; Aug. 9.  
 Antifriction bearing. D. E. Batesole. 2,110,864; Mar. 15.  
 Antifriction bearing. R. Chilton. 2,130,379; Sept. 20.  
 Antifriction bearing. F. G. Hughes. 2,118,885; May 31.  
 Antifriction bearing. S. R. Large. 2,136,819; Nov. 15.  
 Antifriction bearing. S. F. Marino. 2,118,891; May 31.  
 Antifriction bearing. R. A. Schultz. 2,124,753; July 26.  
 Antifriction bearing. L. H. Stein. 2,140,818; Dec. 20.  
 Antiroth discharging means for centrifugal separators. H. O. Lindgren. 2,125,453; Aug. 2.  
 Antigen preparations. F. H. Eggert. 2,110,208; Mar. 8.  
 Antiglare device. S. Itzison. 2,125,232; July 26.  
 Antiglare device. D. H. Lamar. 2,117,181; May 10.  
 Antioxidants. P. C. Jones. 2,133,297; Oct. 18.  
 Antioxidant. P. C. Jones. 2,138,924; Dec. 6.  
 Antioxidants. W. L. Semon. 2,115,473; Apr. 26.  
 Antiparasitic compositions. B. R. Harris. 2,134,917; Nov. 1.  
 Antirachitic products, Apparatus for producing. C. C. Whittier. 2,106,781; Feb. 1.  
 Antirattle device for locks. A. R. MacLagan. 2,110,995; Mar. 15.  
 Antirattle device for windows and the like. E. V. Francescon. 2,105,414; Jan. 11.  
 Antirattling device and lock for windows. C. Pearson. 2,129,957; Sept. 13.  
 Antitrust material. F. H. MacLaren and L. C. Brunstrum. 2,119,553; June 7.  
 Antitrust material and plug valve lubricant. F. H. MacLaren and L. C. Brunstrum. 2,119,552; June 7.  
 Antisag device for doors. G. H. Rundle. 2,133,719; Oct. 18.  
 Antiseptic products. J. S. Pierce. 2,118,225; May 24.  
 Antiseptics. L. J. Figg, Jr. 2,117,796; May 17.  
 Antiseptics for internal use, Preparation of. E. T. Tisza. 2,124,321; July 19.  
 Antiskid attachment. B. Granger. 2,128,458; Aug. 30.  
 Antiskid chain. J. C. Bishop. 2,107,517; Feb. 8.  
 Antiskid device. J. Grayina. 2,134,040; Oct. 25.  
 Antiskid cross chain. F. E. Stahl. 2,131,713; Sept. 27.  
 Antiskid cross chain. E. W. Taylor. 2,107,431; Feb. 8.  
 Antiskid device. B. T. Kinnear. 2,109,068; Feb. 22.  
 Antiskid device. F. A. Olmstead. 2,107,545; Feb. 8.  
 Antiskid device. A. F. Roth. 2,127,532; Aug. 23.  
 Antiskid device. P. E. Wimmenauer. 2,137,935; Nov. 22.  
 Antiskid device. F. H. Workman. 2,136,872; Nov. 15.  
 Antiskid device and emergency wheel. J. Lisov. 2,112,781; Mar. 29.  
 Antiskid device, Emergency. F. E. Stahl and R. J. Kieffer. 2,119,447; May 31.  
 Antiskid device for shoes. R. W. Hart. 2,118,778; May 24.  
 Antiskid mechanism, Automatic. W. F. Doriot. 2,133,659; Oct. 18.  
 Antiskid unit and making the same. H. H. Rinehart. 2,131,571; Sept. 27.  
 Antislip device. C. B. Johnson. 2,138,171; Nov. 29.  
 Antislip device for footwear. F. Marziani. 2,122,867; July 5.  
 Antislip device for footwear. W. Vorwerk. 2,116,956; May 10.  
 Antislip means for wrist watch chains. B. Fletcher. 2,114,466; Apr. 19.  
 Antislipping device. G. A. Moriarty. 2,132,860; Oct. 11.  
 Antistreptococci agents and making them. E. C. Kleiderer and H. A. Shonle. 2,117,251; May 10.  
 Antisyphilitic preparation and process of manufacture. P. J. Hanzlik. 2,125,561; Aug. 2.  
 Antitheft device. K. L. Carter. 2,136,673; Nov. 15.  
 Antitheft device for gasoline tanks. F. E. McGillicuddy and M. P. Mockler. 2,104,132; Jan. 4.  
 Antitoxins and the like, Treatment of. I. A. Parfentjev. 2,123,198; July 12.  
 Anvil for stapling devices. W. G. Pankonin. 2,112,926; Apr. 5.  
 Anvil for stapling machines. R. Mitchell. 2,123,609; July 12.  
 Apparatus and process for determining the position of a moving object. J. Marique. 2,127,415; Aug. 16.  
 Apparatus control system. W. M. Hill. 2,122,468; July 5.  
 Apparatus designed for the successive exhibition of dioramas. P. A. J. and J. L. A. M. Carré. 2,141,514; Dec. 27.  
 Apparatus designed to illustrate the laws of economics by physical analogies. J. D. Mooney. 2,132,514; Oct. 11.  
 Apparatus for aligning the side seams of traveling can bodies. J. H. O'Neil. 2,140,246; Dec. 13.  
 Apparatus for altering the position of fishway portals. G. W. Shoemaker. 2,125,962; Aug. 9.  
 Apparatus for applying a plurality of articles to a backboard. A. A. Massini. 2,121,484; June 21.  
 Apparatus for applying sealing material to containers. J. D. Reifsnnyder. 2,119,729; June 7.  
 Apparatus for assembling shoe parts. J. M. Whelton. 2,133,314; Oct. 18.  
 Apparatus for automatically delivering predetermined quantities of pulverulent or granular substance or material. S. Eaton. 2,116,105; May 3.  
 Apparatus for calculating the spacing of type for printed matter. J. D. Bolongaro. 2,133,802; Oct. 18.  
 Apparatus for calorimetry of combustible fluids. E. X. Schmidt. 2,141,453; Dec. 27.  
 Apparatus for cleaning and degreasing articles. H. Höllerer. 2,104,991; Jan. 11.  
 Apparatus for cleaning matrices and magazines. H. G. Guire and A. L. Chalfonte. 2,112,365; Mar. 29.  
 Apparatus for closing a bottle or a similar container with a capsule. N. J. O. J. Ebbedal. 2,136,287; Nov. 8.  
 Apparatus for coating internal surfaces of tubular structures. S. P. Miller. 2,140,298; Dec. 13.  
 Apparatus for controlling speed of winding machinery. H. A. Satterlee. 2,140,555; Dec. 20.  
 Apparatus for controlling the concentration of boiling solutions. A. L. Holven. 2,135,513; Nov. 8.  
 Apparatus for converting dry ice into carbon dioxide gas. W. C. Merrill. 2,120,057; June 7.  
 Apparatus for conveying objects treated in continuously operating furnaces. M. Fourment. 2,122,200; June 28.  
 Apparatus for cooling or heating and mixing. Z. Sochor. 2,111,010; Mar. 15.  
 Apparatus for cutting metals with liquid oxygen. G. M. Deming. 2,138,400; Nov. 29.  
 Apparatus for determining the resistance of the ground. C. P. J. M. Vander Meer. 2,130,751; Sept. 20.  
 Apparatus for direct observation of picture strips and the like, Automatic. M. C. Blondin. 2,136,486; Nov. 15.  
 Apparatus for disintegrating solids. E. B. Myers. 2,119,887; June 7.  
 Apparatus for display or advertising purposes. A. W. Wood. 2,104,314; Jan. 4.  
 Apparatus for drying and impregnating. F. A. Waldron. 2,125,364; Aug. 2.  
 Apparatus for effecting simultaneous functioning of a plurality of alternating current electromagnets. K. Heinrich. 2,138,275; Nov. 29.  
 Apparatus for effecting the escape of persons from sunken vessels. J. H. Hermanson. 2,116,200; May 3.  
 Apparatus for electric signaling systems. L. D. White-lock. 2,129,313; Sept. 6.  
 Apparatus for electrostatic separation. E. Oppen and G. Grave. 2,127,307; Aug. 16.  
 Apparatus for elevated temperature service. H. D. Newell. 2,123,144; July 5.  
 Apparatus for feeding pen point tips. K. K. Ledlg. 2,111,400; Mar. 15.  
 Apparatus for feeding receptacle closure caps. J. A. Johnson. 2,133,353; Oct. 18.  
 Apparatus for forming blind stitched facings. C. Seaman. 2,130,198; Sept. 13.



- Apparatus for handling material in mines. T. F. McCarthy. 2,139,129; Dec. 6.
- Apparatus for indicating the variation of one quantity relatively to another quantity. E. M. Dodds. 2,133,437; Oct. 18.
- Apparatus for inhalations. L. P. Séné. 2,127,802; Aug. 23.
- Apparatus for integrating variable quantities. H. Dallmann. 2,137,133; Nov. 15.
- Apparatus for lubrication, as applied in particular to the lubrication of automatic casting machines. H. O. Hoffmann. 2,111,287; Mar. 15.
- Apparatus for making casing and formation tests in wells. C. E. Van Stone. 2,107,457; Feb. 8.
- Apparatus for making cores. F. G. Schultz. 2,112,310; Mar. 29.
- Apparatus for making wire mesh. H. E. White. 2,140,488; Dec. 13.
- Apparatus for mixing and reacting purposes. O. B. Brown. 2,122,173-4; June 28.
- Apparatus for operating movable members. G. Efron. 2,122,682; July 5.
- Apparatus for play and sport. R. Heimers. 2,114,562; Apr. 19.
- Apparatus for producing permanent waves. S. Kallmann. 2,120,148; June 7.
- Apparatus for producing screen structures. D. F. Newman. 2,119,791; June 7.
- Apparatus for purifying rubber latex and like dispersions. H. P. Stevens and J. W. W. Dyer. 2,127,791; Aug. 23.
- Apparatus for receiving delivered commodities and preventing theft thereof. A. Sutcliffe. 2,137,367; Nov. 22.
- Apparatus for reducing resistance. A. Huet. 2,122,422; July 5.
- Apparatus for regulating. W. C. McBain. 2,114,603; Apr. 19.
- Apparatus for regulating the duration of the fuel injection in explosion chambers. H. Holzwarth. 2,129,691; Sept. 13.
- Apparatus for rolling strip. J. A. Smitmans. 2,123,291; July 12.
- Apparatus for sorting and feeding receptacle closure caps. J. A. Johnson. 2,124,618; July 26.
- Apparatus for sterilizing grapefruit juice. L. E. Holloway. 2,126,552; Aug. 9.
- Apparatus for stopping internal combustion engines or the like employing oil lubrication. H. Burschkies. 2,123,460; July 12.
- Apparatus for switching on the starter of an internal combustion engine. A. Callsen. 2,123,133; July 5.
- Apparatus for testing projection lamps. V. J. Roper. 2,120,869; June 14.
- Apparatus for the delivery of a fluid or semifluid material, fluid operated. C. Reinhold. 2,134,735; Nov. 1.
- Apparatus for the intermittent production of rolled glass plates. F. E. Slocombe. 2,120,912; June 14.
- Apparatus for the training of the muscles. S. G. Svensson. 2,135,018; Nov. 1.
- Apparatus for timing of periodic events. D. G. C. Luck and L. E. Norton. 2,121,359; June 21.
- Apparatus for transferring containers. W. P. Kellett. 2,123,424; July 12.
- Apparatus for transferring demountable bodies. R. A. Norbom. 2,126,800-1; Aug. 16.
- Apparatus for transferring loads, Portable. E. G. Amesbury. 2,135,631; Nov. 8.
- Apparatus for trapping dust arising in bore holes. J. N. Hunter. 2,107,864; Feb. 8.
- Apparatus for treating material including solids and vaporizable material. W. Ralsch. 2,104,526; Jan. 4.
- Apparatus for treating myopia. B. Tsumura. 2,114,407; Apr. 19.
- Apparatus for treating textile goods and more particularly stockings which are mounted on moving forms. F. Schuster. 2,114,432; Apr. 19.
- Apparatus for treating things with volatile solvents. C. F. Dinley. 2,107,369; Feb. 8.
- Apparatus for treatment with solvents. C. F. Dinley. 2,110,862; May 10.
- Apparatus for use in connection with bottles containing a gaseous fluid under pressure. J. G. Méjean. 2,124,493; July 19.
- Apparatus for use in connection with the making of bags. A. Potdevin. 2,115,282; Apr. 26.
- Apparatus for use in facsimile transmitting systems. H. R. Van Deventer. 2,129,483; Sept. 6.
- Apparatus for use in stripping wool cards. E. Clark. 2,136,935; Nov. 15.
- Apparatus for use in the cutting of plastic sheeting. H. O. Kranich and H. M. Dodge. 2,122,254; June 28.
- Apparatus for washing, rinsing, and drying crockery, laundry, and the like. O. M. Seaman. 2,134,043; Nov. 1.
- Apparatus for weighing material flowing in a continuous stream, Automatic. A. E. Page. 2,134,669; Oct. 25.
- Apparel and making same, Wearing. A. J. Steinberger. 2,126,832; Aug. 16.
- Apparel apparatus. M. Lazow. 2,129,147; Sept. 6.
- Apparel garment. M. G. Carey and J. L. Blachof. 2,119,040; May 31.
- Apparel supporting device. H. C. Guyer. 2,104,368; Jan. 4.
- Apparel, Wearing. S. Friedman. 2,138,230; Nov. 29.
- Apparel, Wearing. J. R. Hishman. 2,121,168; June 21.
- Apparel, Wearing. H. A. Horton and L. A. Rose. 2,131,177; Sept. 27.
- Apparel, Wearing. M. M. Koppel. 2,113,732; Apr. 12.
- Apparel, Wearing. H. Lemoine. 2,130,690; Sept. 20.
- Apparel, Wearing. E. F. and H. H. Smith. 2,138,822; Dec. 6.
- Apparel, Wearing. A. J. Steinberger. 2,121,836; June 28.
- Apple butter, Dry. P. S. Brubaker. 2,115,191; Apr. 26.
- Apple paring and trimming machine. J. W. Pease. 2,107,339; Feb. 8.
- Appliance for dispensing dental cotton. P. D. L'Hommédieu. 2,136,352; Nov. 8.
- Appliance for testing vehicle tires and road surfaces. E. Seidl. 2,131,979; Oct. 4.
- Appliance for the care of floors and stairs, Stick-handled. M. Plön. 2,127,886; Aug. 23.
- Applicator. W. Heidbrock. 2,124,065; July 19.
- Applicator. S. M. Lewis. 2,105,946; Jan. 18.
- Applicator. S. M. Lewis. 2,130,305; Sept. 13.
- Applicator. J. M. McAuliffe. 2,122,234; June 28.
- Applicator. A. N. Snyder. 2,131,077; Sept. 27.
- Applicator. G. E. Troeller. 2,127,946; Aug. 23.
- Applicator. C. T. Walter. 2,124,722; July 26.
- Applicator. Adhesive. C. S. Stephano. 2,141,032; Dec. 20.
- Applicator, Cosmetic. W. C. Hand. 2,140,009; Dec. 13.
- Applicator, Cosmetic. C. A. Mureau. 2,131,539; Sept. 27.
- Applicator for hair and scalp tonics or the like. F. H. Merrill. 2,139,904; Dec. 13.
- Applicator, Insecticide. N. Mansfield. 2,133,898; Oct. 18.
- Applicator, Insecticide. N. Mansfield and D. E. Clark. 2,133,899; Oct. 18.
- Applicator, Lip rouge. C. A. Mureau and M. Stratford. 2,136,979; Nov. 15.
- Applicator, Liquid cosmetic. W. C. Hand. 2,118,083; May 24.
- Applicator means for paper tube winders. J. K. M. Harrison. 2,132,239; Oct. 4.
- Applicator, Nail polish. C. C. Hoffman, Jr. 2,104,651; Jan. 4.
- Applicator, Perfume. J. T. Morris. 2,122,580; July 5.
- Applicator, Prostatic and vaginal medicine. B. A. Lewis. 2,120,367; June 14.
- Applicator, Tampon. P. B. Vallé. 2,141,026; Dec. 20.
- Applicator, Vertical dust. J. W. Foote. 2,132,727; Oct. 11.
- Applicator with electroscopic control, Radio-frequency. E. R. Hayford. 2,114,345; Apr. 19.
- Apron. F. F. Hort. 2,105,322; Jan. 11.
- Apron. A. Quinn. 2,115,396; Apr. 26.
- Apron. A. Quinn. 2,123,314; July 12.
- Apron. A. Quinn. 2,136,983; Nov. 15.
- Apron and play suit, Combination. J. Goldberg. 2,132,466; Oct. 11.
- Apron, Barber's. H. C. Bonsignore. 2,129,644; Sept. 13.
- Apron for flatwork ironers. C. D. Fleming. 2,139,544; Dec. 6.
- Apron for beauty parlors, Heat resisting. G. G. Glasmann. 2,114,922; Apr. 19.
- Apron, Shampoo. F. M. Waite. 2,123,447; July 12.
- Aqueous ammonia solutions, Concentrating. J. L. Bennett. 2,108,914; Feb. 22.
- Aqueous dispersions of cellulose derivatives, Production of. C. R. N. Strouts. 2,139,866; Dec. 13.
- Aqueous dispersions of rubber and similar rubber-like substances, Concentration of. H. D. G. von Schweinitz. 2,131,333; Sept. 27.
- Aqueous emulsion of waterproofing material. E. O. Groskopf. 2,104,077; Jan. 4.
- Aralkyl ethers of acyl phenols. S. L. Bass and E. M. Van Duzee. 2,109,458; Mar. 1.
- Aralkyl ethers of cellulose, Preparation of. E. J. Lorand. 2,119,171; May 31.
- Aralkyl ethers of dialkyl phenols. E. M. Van Duzee and S. L. Bass. 2,109,514; Mar. 1.
- Aralkyl ethers of substituted phenols. S. L. Bass and E. M. Van Duzee. 2,109,456-7; Mar. 1.
- Aralkyl halides, Production of. L. H. Fisher. 2,108,937; Feb. 22.
- Arbor attachment for lathes. H. Henwood. 2,120,782; June 14.
- Arch back suppression. M. M. Morack. 2,144,927; Dec. 27.
- Arch back suppressor for electric discharge devices. R. C. Grubbs. 2,116,393; May 3.
- Arch breaker, Electric. K. Utsunomiya. 2,115,436; Apr. 26.
- Arch control, Photoelectric cell. K. Brenkert. 2,136,670; Nov. 15.
- Arch converter. E. Marx and H. Bachwald. 2,128,824; Aug. 30.
- Arch detector and suppressor. A. H. Lamb. 2,129,143; Sept. 6.
- Arch device, Enclosed. R. F. Strickland. 2,104,680; Jan. 4.
- Arch discharge apparatus. C. Brabant. 2,128,117; Aug. 23.
- Arch extinguishing device. J. W. Huffstutter. 2,109,210; Feb. 22.
- Arch indicator system for projection lamps. N. Brenkert. 2,125,148; July 20.



- Arc lamp. A. F. Martin. 2,129,530; Sept. 6.  
 Arc lamp. A. Müller. 2,136,309; Nov. 8.  
 Arc, Magnetic high intensity. J. E. McAuley. 2,115,688; Apr. 26.  
 Arc rupturing device for electric switches. E. Lange. 2,106,032; Jan. 18.  
 Arc welding, Apparatus for. J. E. Trainer. 2,135,129; Nov. 1.  
 Arc welding system. C. J. Holslag. 2,105,079; Jan. 11.  
 Arc welding system, Automatic. C. J. Holslag. 2,132,479; Oct. 11.  
 Arcing gap, Multiple. H. L. Rorden. 2,135,352; Nov. 1.  
 Arch and wall construction. L. M. Beall. 2,105,804; Jan. 18.  
 Arch construction. G. P. Cryslar. 2,119,779; June 7.  
 Arch support. C. Ahronheim. 2,106,202; Jan. 25.  
 Arch support. G. Bauer. 2,119,850; June 7.  
 Arch support. W. E. Copithorn. 2,119,703; June 7.  
 Arch support. A. H. Gilman. 2,113,133; Apr. 5.  
 Arch support. N. W. Guerin. 2,129,321; Sept. 6.  
 Arch support. J. C. Howell. 2,140,013; Dec. 13.  
 Arch support. S. J. Jay. 2,129,424; Sept. 6.  
 Arch support. J. R. Pava. 2,139,971; Dec. 13.  
 Arch support. J. Peil. 2,124,496; July 19.  
 Arch nosing. G. P. Reintjes. 2,132,517; Oct. 11.  
 Arch support, Adjustable. F. B. Nehus. 2,113,898; Apr. 12.  
 Arch support and blank therefor. S. Quisling. 2,116,124; May 3.  
 Arch support, Flexible. T. Werkman. 2,138,823; Dec. 6.  
 Arch support, Foot. E. Stern. 2,141,699; Dec. 27.  
 Arch support for shoes. L. W. Chelmo. 2,128,402; Aug. 30.  
 Arch support, locator, and retainer. L. M. McCormick. 2,133,302; Oct. 18.  
 Arch supporting apparatus. A. E. Block. 2,123,176; July 12.  
 Arcronograph. B. Ronay. 2,106,190; Jan. 25.  
 Arm, Awning. S. H. Gibson. 2,123,828; July 12.  
 Arm, Check. J. H. Roethel. 2,125,247; July 26.  
 Arm for doors and the like, Releasable holding. D. R. Lasier. 2,131,564; Sept. 27.  
 Arm grip table. S. A. Brockway. 2,118,151; May 24.  
 Arm, Windshield cleaner. A. Rappl. 2,122,802; July 5.  
 Armamentarium, Cystoscopic. F. C. Wappler. 2,120,996; June 21.  
 Armchair, Collapsible. L. J. Garbaccio. 2,104,255; Jan. 4.  
 Armchair, Reclining. A. Ducrot. 2,126,098; Aug. 9.  
 Armor, Body protective. N. D. Helland. 2,108,336; Feb. 15.  
 Aromatic compounds of trivalent antimony and preparing the same. H. Schmidt. 2,127,371; Aug. 16.  
 Aromatic derivatives, Manufacture of. V. Ipatieff and A. V. Grosse. 2,104,424; Jan. 4.  
 Arrangement for avoiding the disturbances attendant on the transformer potential in alternating current collector motors. W. Dallenbach and G. Leischner. 2,138,417; Nov. 29.  
 Arrangement for determining the orientation and value of dip of the beds traversed by a bore hole. M. Schlumberger. 2,141,828; Dec. 27.  
 Arrangement relating to telephone, telegraph, and signal systems. S. D. Vigren and H. Rost. 2,118,279; May 24.  
 Arrow. A. J. Brochu. 2,137,014; Nov. 15.  
 Arsenic iron alloy. E. C. Smith and G. T. Motok. 2,121,057; June 21.  
 Arsenide and mixtures of arsenide and sulphide ores, Treating. P. D'Aragnon. 2,127,859; Aug. 23.  
 Article and making it, Decorative. C. C. Bolyard. 2,111,109; Mar. 15.  
 Article and making same. S. B. Devlin and J. Hulsmann. 2,129,731; Sept. 13.  
 Article and making same, Braided. J. De Francesco. 2,137,770; Nov. 22.  
 Article and making same, Decorated. H. F. Colvin. 2,133,081; Oct. 11.  
 Article and making same, Multi-ply. M. Sperber. 2,132,907; Oct. 11.  
 Article and making the same, Coated abrasive. N. P. Robie. 2,128,966; Sept. 6.  
 Article and making the same, Decorative laminated. G. M. Soule. 2,115,433; Apr. 26.  
 Article and making the same, Plaited rubber. M. Hajoway. 2,117,418; May 17.  
 Article and manufacturing the same, Abrasive. H. C. Martin and F. A. Upper. 2,114,229; Apr. 12.  
 Article and material containing organic derivatives of cellulose. J. H. Brown. 2,121,013; June 21.  
 Article and producing, Coated. N. E. Tillotson. 2,120,722; June 14.  
 Article and producing same, Chromium plated. P. J. Ritzenthaler and P. J. Sheehan. 2,124,657; July 26.  
 Article and producing same, Die rolled. T. N. Sloan. 2,137,008; Nov. 15.  
 Article and producing the same. W. Wade and H. H. Replogle. 2,137,707; Nov. 22.  
 Article and producing the same, Marked. R. T. K. Cornwell. 2,121,022; June 21.  
 Article, Brazed. H. F. Silliman. 2,117,106; May 10.  
 Article, Composite cementitious. D. S. Hubbell. 2,126,191; Aug. 9.  
 Article, Composite sheet. J. B. Catlin. 2,111,205; Mar. 15.  
 Article, Corded edge. E. G. Overly. 2,138,610; Nov. 29.  
 Article counting and stacking mechanism. J. T. Dalton. 2,133,189; Oct. 11.  
 Article dispensing apparatus. F. W. Hoban. 2,142,033; Dec. 27.  
 Article-dispensing mechanism. A. Hakanson. 2,129,322; Sept. 6.  
 Article dividing and packaging machine. A. S. Heineman. 2,107,036; Feb. 1.  
 Article feeding and packaging mechanism. J. N. Francis. 2,106,975; Feb. 1.  
 Article feeding device. A. M. Smith and L. H. Strayer. 2,108,694; Feb. 15.  
 Article for breaking in tobacco pipes. H. W. Stull. 2,128,170; Aug. 23.  
 Article for coating, Metal. J. J. Canfield and G. W. McGohan. 2,127,388; Aug. 16.  
 Article for plant nutrition. L. H. Jones. 2,117,808; May 17.  
 Article formed of sheet material, Three-dimensional. W. Wolfson. 2,110,784; Mar. 8.  
 Article forming apparatus. F. P. Tikalsky. 2,121,997; June 28.  
 Article forming machine. C. S. Rider. 2,111,640; Mar. 22.  
 Article from molds, Method and apparatus for removing deformable. R. D. Hulslander. 2,120,558; June 14.  
 Articles from synthetic polymers, Making shaped. W. E. Catlin. 2,141,169; Dec. 27.  
 Article handling and crack-off means particularly for use in the manufacture of paste-mold type glassware. G. E. Rowe. 2,112,118; Mar. 22.  
 Article handling apparatus. R. C. Kivley and G. Stuhlfauth. 2,105,084; Jan. 11.  
 Article handling device. B. L. Keeney. 2,140,427; Dec. 13.  
 Article handling device. C. McNeillie. 2,133,557; Oct. 18.  
 Article handling means. G. E. Rowe. 2,112,119; Mar. 22.  
 Article, Hollow. J. E. Snyder. 2,112,717; Mar. 29.  
 Article inspection machine. W. Makenny. 2,116,398; May 3.  
 Article, Laminated. B. C. Bren. 2,115,514; Apr. 26.  
 Article, Laminated. H. D. Rice. 2,112,544; Mar. 29.  
 Article made from perforated cellulose sheets. W. A. Heyman. 2,137,243; Nov. 22.  
 Article manufacture, Tubular. G. S. McLay. 2,134,620; Oct. 25.  
 Article, Metallic. L. S. Deitz, Jr., and H. H. Weiser. 2,126,246; Aug. 9.  
 Article, Moistureproof. W. H. Charch, M. M. Brubaker, and F. M. Meigs. Re. 20,845; Sept. 6.  
 Article, Molded. H. R. Moyer. 2,117,902; May 17.  
 Article of ceramic bonded abrasive material and making the same. L. H. Milligan and R. H. Lombard. 2,132,005; Oct. 4.  
 Article of furniture, Convertible. L. I. Cohn and A. J. Brinkman. 2,105,408; Jan. 11.  
 Article of jewelry. L. Garfinkel. 2,113,786; Apr. 12.  
 Article of manufacture. J. Binder. 2,129,399; Sept. 6.  
 Article of manufacture. D. C. Ellsworth. 2,123,883; July 19.  
 Article of manufacture. F. R. Hensel and E. I. Larsen. 2,128,089; Aug. 23.  
 Article of manufacture. A. N. Spanel. 2,119,300; May 31.  
 Article of manufacture. R. E. Thomas. 2,137,969; Nov. 22.  
 Article of manufacture. R. Weingand. 2,138,392; Nov. 29.  
 Article of manufacture and forming the same. J. R. Amsel. 2,110,282; Mar. 8.  
 Article of manufacture and producing same. A. S. Hunter. 2,129,132; Sept. 6.  
 Article of manufacture and producing the same. F. H. Driggs and H. W. Highriter. 2,125,896; Aug. 9.  
 Article of manufacture from fibers of bast or leaf origin. J. H. Estes. 2,128,929; Sept. 6.  
 Article of sheet iron, Producing a deep drawn. J. L. Young and C. Jephson. 2,128,389; Aug. 30.  
 Article or machine part, Soldered. W. Struk, and H. Schroeder. 2,124,438; July 19.  
 Article package and method, Multiple. A. S. Heineman. 2,106,276; Jan. 25.  
 Article, Plaited. M. Koppelman. 2,135,236; Nov. 1.  
 Article, Resin bonded. R. S. Daniels. 2,125,893; Aug. 9.  
 Article, Rubber coated. E. C. Domm. 2,120,738; June 14.  
 Article, Sheet formed. H. B. Richards. 2,136,889; Nov. 15.  
 Article, Smoker's. R. Hirsch. 2,111,588; Mar. 22.  
 Article supporting apparatus. A. M. Wagner. 2,118,957; May 31.  
 Article supporting means, Quick detachable. W. H. Beehler. 2,114,519; Apr. 19.  
 Article transfer and loading device. W. A. Morton, H. A. Moore, and H. A. Roth. 2,135,986; Nov. 8.  
 Article with a facing of sheet metal, Producing a cast. R. D. Sansome. 2,108,996; Feb. 22.  
 Articles and compositions therefor, Manufacture of rubber. J. H. Coffey. 2,139,724; Dec. 13.  
 Articles, Apparatus for coating. R. R. Putt. 2,135,601; Nov. 8.



- Articles, Apparatus for covering. H. Z. Cobb. 2,117,400; May 17.
- Articles, Apparatus for die casting. R. E. McIntosh. 2,137,539; Nov. 22.
- Articles, Apparatus for forming pulp. E. Huff and A. Keiding. 2,128,745; Aug. 30.
- Articles, Apparatus for marking. D. Denelsbeck. 2,113,576; Apr. 12.
- Articles, Apparatus for marking or decorating. D. Denelsbeck. 2,111,207; Mar. 15.
- Articles, Apparatus for production of molded. P. Kopp. 2,117,179; May 10.
- Articles, Assembling. J. Peyser. 2,125,357; Aug. 2.
- Articles, Coating. V. H. Turkington. 2,125,827; Aug. 2.
- Articles, Coating ferrous. M. M. Rubin. 2,115,749; May 3.
- Articles, Coloring molded. A. M. Howald. 2,128,533; Aug. 30.
- Articles, Decorating plastic. L. J. Most. 2,127,043; Aug. 16.
- Articles, Device for molding complex long draw. O. O. Rieser. 2,119,291; May 31.
- Articles, Dyeing artificial shaped. P. Schlack. 2,127,236; Aug. 16.
- Articles for manipulating and containing materials, Forming. J. R. Morris. 2,123,543; July 12.
- Articles, Forming commercial. J. C. Bowman. 2,115,249; Apr. 26.
- Articles, Forming rubber. S. R. Ogilby. 2,115,560-1; Apr. 26.
- Articles from fibroin solutions, Manufacture of artificial. E. Rosner, K. Borner, H. Mahn, and W. Iron. 2,107,959; Feb. 8.
- Articles from forms, Method and apparatus for removing. R. Van Hyning. 2,116,916; May 10.
- Articles from latex, Manufacturing. H. L. Welker. 2,121,721; June 21.
- Articles from molds, Method and apparatus for removing. A. E. Erickson. 2,124,613; July 26.
- Articles from plastics, Manufacture of. E. Hazell and A. W. Keen. 2,121,872; June 28.
- Articles from polymeric materials, Shaped. W. H. Carothers. 2,137,235; Nov. 22.
- Articles from powdered materials, Manufacture of. G. J. Comstock. 2,126,737; Aug. 16.
- Articles from pulverulent or granular masses, Manufacturing plastic. B. Buxbaum. 2,111,418; Mar. 15.
- Articles from sheet material, Apparatus for cutting or stamping. O. C. Kayle. 2,113,843; Apr. 12.
- Articles from steel alloys, Manufacture of. F. K. Naumann. 2,109,118-9; Feb. 22.
- Articles from steel alloys, Manufacture of. F. K. Naumann. 2,132,877; Oct. 11.
- Articles in cellulose tubes, Machine for press sealing. L. Scharf. 2,119,358; May 31.
- Articles, Making abrasive. R. C. Benner and R. L. Melton. 2,124,666; July 26.
- Articles, Making fabricated. C. F. Barothy. 2,116,555; May 10.
- Articles, Making fibrous. J. B. Hawley. 2,116,198; May 3.
- Articles, Making fringed woven. K. Habib. 2,141,386; Dec. 27.
- Articles, Making hollow rubber. R. H. Guinzburg. 2,124,854; July 26.
- Articles, Making preformed abrasive. E. S. Merriam. 2,117,970; May 17.
- Articles, Making rubber. J. F. Schott. 2,129,607; Sept. 6.
- Articles, Manufacture of bonded. M. L. Whitacre. 2,114,160; Apr. 12.
- Articles, Manufacture of bonded and coated metallic. C. E. Swartz and J. E. Wilkey. 2,137,464; Nov. 22.
- Articles, Manufacture of formed. M. D. Helfrick. 2,140,131; Dec. 13.
- Articles, Manufacture of molded binder-reinforced, air-laid fiber. M. O. Schur. 2,136,827; Nov. 15.
- Articles, Manufacture of shaped. M. Hagedorn. 2,132,160; Oct. 4.
- Articles, Manufacturing folded paper. S. J. Campbell. 2,114,415; Apr. 19.
- Articles, Manufacturing formed or molded. J. A. Babor. 2,135,554; Nov. 8.
- Articles, Means for identifying. T. F. Murphy. 2,138,705; Nov. 29.
- Articles, Method and apparatus for accelerating the production of frozen. F. R. West. 2,114,642; Apr. 19.
- Articles, Method and apparatus for decorating. D. Denelsbeck. 2,132,868; Oct. 11.
- Articles, Method and apparatus for felting fibrous. J. J. Blum. 2,124,103; July 19.
- Articles, Method and apparatus for grading. F. W. Thorold. 2,122,075; June 28.
- Articles, Method and apparatus for manufacturing thin rubber. F. I. Kilham. 2,128,827; Aug. 30.
- Articles, Method and apparatus for molding. C. L. Beal. 2,124,871; July 26.
- Articles, Method and apparatus for molding. P. H. Sanborn. 2,129,240; Sept. 6.
- Articles, Method and apparatus for rolling bimetallic. F. A. Whitehead. 2,134,014; Oct. 25.
- Articles, Method and apparatus for stenciling. E. Killy. 2,117,427; May 17.
- Articles of cellulose plastic material. B. Andersen and W. D. Palst. 2,120,714; Aug. 10.
- Articles of ceramic bonded granular material, Making. C. H. Quick and M. F. Beecher. 2,140,650; Dec. 20.
- Articles of copper-zinc alloys, Bright-pickling. F. Ostermann. 2,125,458; Aug. 2.
- Articles of hard metal compositions, Fabricating. E. W. Engle. 2,122,459; July 5.
- Articles of intricate design and a product thereof, Casting. T. G. Jungersen. 2,118,468; May 24.
- Articles of organic fibrous materials, Manufacturing non-inflammable. B. Müller. 2,128,782; Aug. 30.
- Articles of pliant character, Manufacture of molded binder-reinforced fiber. M. O. Schur. 2,136,826; Nov. 15.
- Articles of polymeric acrylic acid nitrile, Manufacture of shaped. H. Rein. 2,117,210; May 10.
- Articles of vitreous material, Making. G. Slayter. 2,119,259; May 31.
- Articles or containers from paper pulp, Apparatus for producing hollow. R. Marguerat and E. M. Chevrier. 2,131,813; Oct. 4.
- Articles, Ornamentation and decoration of sheet metal. K. and T. Ginter. 2,125,107; July 26.
- Articles, Preparing perforated metal. L. R. Beynen, B. M. van Dorp, and W. van de Pol. 2,123,297; July 12.
- Articles, Process and apparatus for drying. F. H. Reichel and A. E. Craver. 2,127,466; Aug. 16.
- Articles, Process and apparatus for the manufacture of patterned. K. Gullich. 2,127,404; Aug. 16.
- Articles produced directly from paper pulp, Apparatus for finishing hollow. R. Marguerat and E. M. Chevrier. 2,135,825; Nov. 8.
- Articles, Producing coated sheet metal. E. C. Pfeffer, Jr. 2,122,537; July 5.
- Articles, Production of flexible abrasive. R. C. Benner and R. L. Melton. 2,128,906; Sept. 6.
- Articles, such as barrels, tubs, plates, and the like, Apparatus for the forming of thick paper. E. R. Smith. 2,106,440; Jan. 25.
- Articles such as silk stockings, Manufacture of knitted. P. H. E. Flescher. 2,111,850; Mar. 22.
- Articles through apparatus for electroplating, Conveying metallic. J. Kronsbein. 2,112,164; Mar. 22.
- Articles with derivatives of cellulose, Covering. B. Andersen. 2,125,874; Aug. 9.
- Articulator. W. E. Van Dorn and W. H. Terrell. 2,119,896; June 7.
- Artificial compositions, Manufacturing. S. J. B. ten Cate. 2,131,022; Sept. 27.
- Artificial substance. O. Röhm and W. Bauer. 2,104,168; Jan. 4.
- Artillery wheel. C. L. Eksergian and P. W. Gaenssle. 2,116,599; May 10.
- Artillery wheel, Reinforced spoke. C. L. Eksergian and P. W. Gaenssle. 2,123,099; July 5.
- Artillery wheel, Single stamping. C. L. Eksergian. 2,122,810; July 5.
- Artillery wheel, Single stamping. C. L. Eksergian. 2,123,100; July 5.
- Aryl amines, Manufacture of. C. L. Thomas. 2,104,407; Jan. 4.
- Arylaminonaphthalene derivatives, Manufacture of. P. Virck and M. Schulze. 2,113,146; Apr. 5.
- Arylides of hydroxy-ortho-carboxy-benzocridones. M. Lange and T. Jacobs. 2,124,336; July 19.
- Arylides of the higher fatty acids, Sulphonated alkoxy substituted. A. W. Baldwin. 2,115,758; May 3.
- Aryl mercury compounds of ureid and purine bases and making the same. C. N. Andersen. Re 20,880; Oct. 11.
- Aryl mercury oxygenated compounds of arsenic, antimony or bismuth. C. N. Andersen. 2,113,567; Apr. 12.
- Aryl-methyl ethers of B-methylcholine salts and their production. R. T. Major. 2,133,999; Oct. 25.
- Aryl phosphates, Apparatus for the production of. R. L. Shuman. 2,133,311; Oct. 18.
- Aryl phosphates, Producing. R. L. Shuman. 2,133,310; Oct. 18.
- Asbestos-cement products, Producing colored. M. Vogel-Jorgensen. 2,123,028; July 5.
- Asbestos-cement sheet, Manufacture of. N. A. Hull. 2,109,532; Mar. 1.
- Asbestos rings, Manufacture of. T. Krasselt. 2,106,119; Jan. 18.
- Ash and cigarette butt receiver. V. M. Pyatt. 2,113,745; Apr. 12.
- Ashean and garbage can, Sanitary. M. Glowka. 2,114,800; Apr. 19.
- Ash receiver. C. Hardy. 2,108,436; Feb. 15.
- Ash receiver. F. Whitbeck. 2,111,180; Mar. 15.
- Ash receiver and cigarette holder, Combination. C. A. Anderson. 2,124,481; July 19.
- Ash receiver, Pocket. R. C. Caples. 2,111,783; Dec. 27.
- Ash receptacle. C. Albert. 2,107,845; Feb. 8.
- Ash receptacle. R. R. Klenke. 2,111,360; Mar. 15.
- Ash remover. E. C. Lunda. 2,112,170; Mar. 29.
- Ash remover. S. Steinitz. 2,118,575; May 21.
- Ash remover for underfeed stokers. T. H. Bandfield. 2,110,937; June 7.
- Ash remover for underfeed stokers, Bituminous. H. C. Carter. 2,122,807; July 5.
- Ash removing device. L. M. Henning. 2,110,798; Mar. 8.
- Ash separation, Centrifugal. W. M. Keenan. 2,109,234; Feb. 22.



- Ash spraying device, Shielded. E. Weber. 2,117,865; May 17.
- Ashtray. J. L. Dillon. 2,121,122; June 21.
- Ash tray. A. Sebek. 2,114,034; Apr. 12.
- Ashtray and coaster. T. R. Moss. 2,105,157; Jan. 11.
- Ashtray and extinguisher. R. P. Harshberger. 2,116,659; May 10.
- Ash tray, Automobile. C. B. Coleman. 2,119,267; May 31.
- Asphalt, Apparatus for producing. C. C. Webb. 2,106,583; Jan. 25.
- Asphalt, Depropanizing. E. B. Tucker and E. W. Thiele. 2,116,772; May 10.
- Asphalt distributor. W. M. Jagoe. 2,123,156; July 5.
- Asphalt emulsion. W. J. Sweeney and K. C. Laughlin. 2,141,230; Dec. 27.
- Asphalt emulsions, Producing. R. J. Garofalo. 2,137,975; Nov. 22.
- Asphalt from asphalt base oils, Removing. D. G. Brandt. 2,121,517; June 21.
- Asphalt in solvent refinement of petroleum substances, Producing. J. W. Poole. 2,128,885; Aug. 30.
- Asphalt machine, Collapsible. J. M. Spears. 2,136,869; Nov. 15.
- Asphalt, Making. E. B. McConnell. 2,121,437; June 21.
- Asphalt mixing plant, Portable. R. Berner. 2,112,326; Mar. 29.
- Asphalt, Production of blown. J. S. Wallis and H. R. Swanson. 2,122,764; July 5.
- Asphalts and the like, Transporting. W. H. Hampton. 2,119,538; June 7.
- Asphalts, Manufacture of. V. L. Shipp and A. H. Boenau. 2,120,376; June 14.
- Asphalts, Manufacture of. V. L. Shipp, A. H. Boenau, and J. W. Ramsay. 2,120,377; June 14.
- Asphalts, Modifying properties of. A. A. Wells and J. O. Collins. 2,131,205; Sept. 27.
- Assembler mechanism of typographical composing machines. A. S. Hayward. 2,117,555; May 17.
- Assemblies for lamps, Manufacturing filament supporting. L. S. Greenmun. 2,139,891; Dec. 13.
- Assembling apparatus. C. V. Lundeen. 2,132,242; Oct. 4.
- Assembling device. J. Harrington, Jr.. 2,118,883; May 31.
- Assembling elevator lock. A. G. Sperry. 2,139,645; Dec. 6.
- Assembly for discharge devices. H. Gooskens. 2,116,429; May 3.
- Assembly for hulling peas and slicing beans. J. M. Majewski, Jr. 2,135,256; Nov. 1.
- Assembly rack. G. L. Hall. 2,108,122; Feb. 15.
- Assistant for the treatment of textiles. A. Rieche, K. Brodersen, M. Quaadvlieg, and H. Maier-Bode. 2,108,725; Feb. 15.
- Assistants for the textile and related industries, Production of. M. Pier and B. Engel. 2,108,901; Feb. 22.
- Atmosphere control, Enveloping. C. L. Hayes. 2,124,573; July 26.
- Atomizer. C. W. Beck. 2,120,948; June 14.
- Atomizer. H. E. Curry. 2,111,841; Mar. 22.
- Atomizer. A. Ehbrecht. 2,136,940; Nov. 15.
- Atomizer. I. D. Kelley, Jr. 2,125,573; Aug. 2.
- Atomizer for hydrocarbons. A. Bargeboer. 2,120,388; June 14.
- Atomizer for solid injection engines, Cooled. J. J. Broeze. 2,108,647; Feb. 15.
- Atomizer head. H. M. Marsh. 2,140,188; Dec. 13.
- Atomizer head. E. O. Schutte. 2,131,455; Sept. 27.
- Atomizer, Lubricant. B. E. Clough. 2,113,506; Apr. 5.
- Atomizer, Piston valve. P. L. Scott. 2,121,102; June 21.
- Atomizing, Apparatus for. L. Peycreu. 2,121,300; June 21.
- Atomizing device. W. R. Kuzelka. 2,139,506; Dec. 6.
- Atomizing valve. P. L. Scott. 2,119,966; June 7.
- Attaching and printing machine and method. C. A. Flood. 2,136,941; Nov. 15.
- Attaching clip, Resilient. P. E. Fenton. 2,113,132; Apr. 5.
- Attaching device. H. R. Ellis. 2,138,735; Nov. 29.
- Attaching device. C. A. Flood. 2,119,228; May 31.
- Attachment and wall plug. W. C. Morford. 2,118,857; May 31.
- Attachment between brassiere and girdle. M. Voss. 2,126,591; Aug. 9.
- Attachment for a disk carrying implement. C. R. Barnard. 2,112,902; Apr. 5.
- Attachment for a hay baler. M. Ambers. 2,135,379; Nov. 1.
- Attachment for air hammers. A. W. Nichols. 2,121,487; June 21.
- Attachment for alimentary forming machines. A. I. Schlichter. 2,126,416; Aug. 9.
- Attachment for animal traps. C. D. Briddell. 2,123,094; July 5.
- Attachment for apertures of check-controlled apparatus. O. H. Goetz. 2,141,745; Dec. 27.
- Attachment for apprehending motor vehicles. J. W. Thompson. 2,107,312; Feb. 8.
- Attachment for automobile frames. D. W. Sherman. 2,111,697; Mar. 22.
- Attachment for bird cages. F. Voss. 2,112,940; Apr. 5.
- Attachment for braider bobbins, Reclaimer. J. Winstanley. 2,117,126; May 10.
- Attachment for drinking vessels. W. W. Smithson. 2,116,418; May 3.
- Attachment for fastening license plates and the like. R. I. Meader. 2,111,796; Mar. 22.
- Attachment for floor tools or nozzles of air-method cleaners, Electrical. D. B. Replogle. 2,120,260; June 14.
- Attachment for internal combustion engines. L. H. Mesinger, Jr. 2,123,515; July 12.
- Attachment for lawn mowers. J. P. Hoerner. 2,116,829; May 10.
- Attachment for lineman's grip. E. R. Harry. 2,140,837; Dec. 20.
- Attachment for lister disk furrow openers. C. W. Wurtele. 2,129,977; Sept. 13.
- Attachment for machine tools. B. Granberg and J. B. Sinderson. 2,116,262; May 3.
- Attachment for machine tools, Hydraulic contouring. L. W. Wright. 2,120,196; June 7.
- Attachment for motor vehicles. A. A. Gould. 2,116,757; May 10.
- Attachment for photographic development trays. C. F. Cunningham. 2,110,356; Mar. 8.
- Attachment for smoking devices. J. G. Tarrant. 2,126,422; Aug. 9.
- Attachment for toe softening apparatus. J. B. Piotrowski. 2,126,345; Aug. 9.
- Attachment for tractor plows, Rotary. T. K. Russell. 2,108,078; Feb. 15.
- Attachment for unhairing machinery. J. Zabel. 2,120,847; June 14.
- Attachment for writing machines. J. Q. Sherman. 2,106,765; Feb. 1.
- Attachment, plug. M. W. Berger and P. Weinberg. 2,137,258; Nov. 22.
- Attachment plug. L. S. Brach. 2,112,137; Mar. 22.
- Attachment plug. N. Chirelstein. 2,110,035; Mar. 1.
- Attachment plug. A. E. Grant. 2,130,424; Sept. 20.
- Attachment plug. H. C. Karst. 2,136,193; Nov. 8.
- Attachment plug. T. McKee. 2,123,309; July 12.
- Attachment plug. E. J. Te Pas. 2,103,907; Feb. 22.
- Attachment to curling stones. E. S. Burrow. 2,133,423; Oct. 18.
- Attenuator. P. J. Herbst, R. H. Heacock, and P. G. Bindloss. 2,125,612; Aug. 2.
- Attrition devices, Manufacture of. G. Griffin. 2,105,915; Jan. 18.
- Audible electrical signal. A. C. Gaynor. 2,140,577; Dec. 20.
- Audible signalling handle. J. Ford. 2,107,981; Feb. 8.
- Audiphones, Method and apparatus for selecting and prescribing. S. F. Lybarger. 2,112,569; Mar. 29.
- Auditing and tabulating system, Automatic. M. L. Nelson. 2,129,743; Sept. 13.
- Auger. E. L. Pribyl. 2,107,958; Feb. 8.
- Auger shaft. H. E. Satre. 2,141,880; Dec. 27.
- Authentication device and making same. F. L. Simons and M. W. Weiss. 2,129,364; Sept. 6.
- Auto body heater. C. H. F. Whitlark and F. A. Weihe, Jr. 2,128,763; Aug. 30.
- Auto seat, Self-adjusting. W. S. Frees. 2,140,423; Dec. 23.
- Auto top, Movable. L. B. Pendleton. 2,118,520; May 24.
- Autoclave, Multiwall. J. S. Reid. 2,131,753; Oct. 4.
- Autographic register. W. C. Pfeiffer. 2,127,750; Aug. 23.
- Automatic brake latch. E. C. Morphet. 2,130,892; Sept. 20.
- Automatic chain lock. E. P. Beaumont. 2,113,104-5; Apr. 5.
- Automatic clutch. P. H. Brehm. 2,141,164; Dec. 27.
- Automatic clutch. K. E. Lyman. 2,107,075; Feb. 1.
- Automatic clutch. H. Nutt and H. V. Reed. 2,115,277; Apr. 26.
- Automatic clutch. H. L. Pike. 2,123,911; July 19.
- Automatic clutch coupling. E. L. Rieske. 2,140,255; Dec. 13.
- Automatic control switch. M. E. Henning. 2,114,739; Apr. 19.
- Automatic coupling. E. E. Baldwin. 2,111,956; Mar. 22.
- Automatic drier. D. Williams. 2,140,439; Dec. 13.
- Automatic feed drill. N. O. Grosser. 2,104,123; Jan. 4.
- Automatic hand signal. A. L. Chang. 2,116,694; May 10.
- Automatic hay hook. H. V. Daugherty. 2,138,694; Nov. 29.
- Automatic hydraulic clutch. W. S. Jones. 2,132,631; Oct. 11.
- Automatic indicator. D. D. Colee. 2,130,613; Sept. 20.
- Automatic loom. W. F. Bird and W. R. Hewton. 2,136,331; Nov. 8.
- Automatic loom. J. C. Brooks. 2,140,893; Dec. 20.
- Automatic loom. H. D. Johnson Jr., and W. T. Sullivan. 2,124,979; July 26.
- Automatic lubricator. R. A. Light and J. W. Price, Jr. 2,126,198; Aug. 9.
- Automatic paste dispenser. W. J. Grandman. 2,140,007; Dec. 13.
- Automatic rat trap. E. L. Harrison. 2,128,143; Aug. 23.
- Automatic releasing device. J. H. Strong. 2,121,413; June 21.
- Automatic resetting trap. S. J. Evans. 2,139,674; Dec. 13.
- Automatic rotor valve. V. D. Beehler and R. D. McIntosh. 2,106,942; Feb. 1.
- Automatic safety lock. R. Pearson. 2,113,084; Apr. 12.
- Automatic separator. C. W. Herrin. 2,127,256; Aug. 16.



- Automatic shut-off valve. A. E. Hutt. 2,106,351; Jan. 25.
- Automatic switch. R. Taylor and G. T. Baker. 2,137,422-3; Nov. 22.
- Automatic transmission control. W. T. Livermore. 2,120,104; June 7.
- Automatic valve. R. H. Lachmund. 2,130,687; Sept. 20.
- Automatically adjustable brake. E. J. Nachtwey. 2,132,576; Oct. 11.
- Automatically and manually operable valve. H. L. McQuiston. 2,119,084; May 31.
- Automaton, Sound actuated. J. W. Myers. 2,115,533; Apr. 26.
- Automobile. W. L. Morrison. 2,121,815; June 28.
- Automobile. E. T. Turner. 2,126,589; Aug. 9.
- Automobile. E. Wesnigk. 2,129,187; Sept. 6.
- Automobile bodies for shipment, Loading. N. M. Loney. 2,129,950; Sept. 13.
- Automobile bodies, Shipping. F. A. Isaacson. 2,123,362; July 12.
- Automobile body. W. L. Morrison. 2,111,434; Mar. 15.
- Automobile body. A. Paranzino. 2,140,968; Dec. 20.
- Automobile body. K. Stief and R. K. Evans. 2,108,215; Feb. 15.
- Automobile body. N. A. D. Thompson and J. W. Pagan. 2,108,456; Feb. 15.
- Automobile body. J. Tjaarda. 2,122,444-5; July 5.
- Automobile body construction. J. Galamb. 2,104,457; Jan. 4.
- Automobile body construction. H. A. Goalwin. 2,134,784; Nov. 1.
- Automobile body, Convertible. J. Garami. 2,117,059; May 10.
- Automobile body heater. L. M. Payne. 2,132,045; Oct. 4.
- Automobile body-work. J. E. F. Cambessédés. 2,111,885; Mar. 22.
- Automobile clutch. G. Hunt and W. S. Wolfram. 2,138,170; Nov. 29.
- Automobile clutch. W. S. Wolfram. 2,124,097; July 19.
- Automobile construction. J. Haltenberger. 2,125,441; Aug. 2.
- Automobile control mechanism. R. K. Lee. 2,129,851; Sept. 13.
- Automobile control, Vacuum actuated. G. A. Wood. 2,107,357; Feb. 8.
- Automobile cooler. J. E. and B. F. Hammers, and E. C. Buehler. 2,110,222; Mar. 8.
- Automobile decking device. L. H. Cooper. 2,137,979; Nov. 22.
- Automobile decking device. W. J. Nightingale. 2,137,980; Nov. 22.
- Automobile door lock. A. J. Leonard. 2,104,838; Jan. 11.
- Automobile door lock. W. McClung. 2,117,192; May 10.
- Automobile extractor. J. C. Coleman. 2,127,858; Aug. 23.
- Automobile fender cover. N. Cohen. 2,119,072; May 31.
- Automobile frame. E. Almdale. 2,141,635; Dec. 27.
- Automobile frame. N. T. Dietrich. 2,113,399; Apr. 5.
- Automobile frame. N. T. Dietrich. 2,127,553; Aug. 23.
- Automobile frame. O. B. Harmon. 2,113,403; Apr. 6.
- Automobile frame. O. B. Harmon and R. H. Maddock. 2,141,650; Dec. 27.
- Automobile frame. D. W. Sherman. 2,118,365; May 24.
- Automobile frame adjunct. D. W. Sherman. 2,107,191; Feb. 1.
- Automobile front end supporting mechanism. G. L. Schofield. 2,105,823; Jan. 18.
- Automobile fuel tank. C. L. Holm. 2,104,461; Jan. 4.
- Automobile head lamp. C. A. Michel and J. L. Koubek. 2,131,634; Sept. 27.
- Automobile headlining. J. H. Mackay. 2,118,563; May 24.
- Automobile heater. H. J. Findley. 2,114,050; Apr. 12.
- Automobile heater. A. W. Le Pevre. 2,133,103; Oct. 11.
- Automobile heater. M. J. Marty. 2,135,827; Nov. 8.
- Automobile heater. C. H. Will and H. W. Pink. 2,118,281; May 24.
- Automobile heater. C. H. Will and H. W. Pink. 2,134,648 9; Oct. 25.
- Automobile insulation. C. A. Upson. 2,110,492; Mar. 8.
- Automobile insulation. C. D. Wallach. 2,137,324; Nov. 22.
- Automobile jack. C. W. Johnson and G. M. Smith. 2,119,953; June 7.
- Automobile lamp. B. Putterman. 2,107,648; Feb. 8.
- Automobile lamp. A. B. Scott. 2,140,855; Dec. 20.
- Automobile loading device. W. J. Nightingale. 2,137,981; Nov. 22.
- Automobile lock. C. R. Duncan. 2,113,830; Apr. 12.
- Automobile lock. W. B. Grubb, Sr. 2,120,590; June 14.
- Automobile lock. R. A. Sandberg and C. R. Duncan. 2,113,503; Apr. 12.
- Automobile or highway signal. J. C. Nordgren. 2,134,313; Oct. 25.
- Automobile reverse control. L. H. Browne. 2,141,289; Dec. 27.
- Automobile safety switch. J. A. Barker and R. L. Dew. 2,104,689; Jan. 4.
- Automobile safety system. F. A. Watkins. 2,130,919; Dec. 13.
- Automobile seat. J. S. Dorsey. 2,117,409; May 17.
- Automobile seat. L. Humphrey. 2,126,331; Aug. 9.
- Automobile seat. L. S. Whedon and A. A. Grinnell. 2,118,689; May 24.
- Automobile signal. W. A. Hollingsworth. 2,107,533; Feb. 8.
- Automobile signal. R. Stone and H. Jackson. 2,124,016; July 19.
- Automobile signal switch. E. T. Condon. 2,112,331; Mar. 29.
- Automobile spring wheel. O. B. Olson. 2,136,311; Nov. 8.
- Automobile steering gear. F. D. Ammen and P. E. Schneider. 2,122,924; July 5.
- Automobile structure. F. C. Matthaef. 2,115,931; May 3.
- Automobile suspension system. I. Cabassa. 2,134,599; Oct. 25.
- Automobile suspension system. M. Olley. 2,130,288; Sept. 13.
- Automobile transmission. F. Kuehnel. 2,123,430; July 12.
- Automobile vehicle. Streamlined. J. E. Andreau. 2,128,686; Aug. 30.
- Automobile wheel. R. B. Miller. 2,110,808; Mar. 8.
- Automobiles, Device for washing. B. Cockcroft. 2,132,459; Oct. 11.
- Automobiles, Starting. C. Elder. 2,137,894; Nov. 22.
- Automotive control system. R. E. Cox. 2,128,916; Sept. 6.
- Automotive equipment. S. T. Montambo. 2,132,828; Oct. 11.
- Automotive trucking vehicle. E. H. Willetts. 2,113,778; Apr. 12.
- Automotive vehicle. D. F. Linsley. 2,110,994; Mar. 15.
- Automotive vehicle. E. C. Merry. 2,135,906; Nov. 8.
- Automotive vehicle, Unit section. F. R. and W. B. Fageol. 2,128,930; Sept. 6.
- Auto seat, Safety rear. I. Kovach. 2,109,728; Mar. 1.
- Auto-vent. W. L. Morrison. 2,105,891; Jan. 18.
- Auto window screen. A. M. Yurkovich. 2,109,160; Feb. 22.
- Autos, Preventing the back-rolling of. C. M. Jameson. 2,135,896; Nov. 8.
- Averaging device. H. E. Gray. 2,140,579; Dec. 20.
- Aviation trainer. E. A. Link, Jr. 2,119,083; May 31.
- Awning. W. F. Crawford. 2,105,409; Jan. 11.
- Awning. O. E. Hawley. 2,117,320; May 17.
- Awning. W. E. Metzger. 2,110,807; Mar. 8.
- Awning. F. Neumann. 2,107,676; Feb. 8.
- Awning. F. D. Welch. 2,139,611; Dec. 6.
- Awning and screen, Combination metal. J. M. Sullivan. 2,106,962; Feb. 1.
- Awning, Automatic visor. F. A. Anton. 2,129,555; Sept. 6.
- Awning, Automobile. A. L. Rubottom. 2,121,264; June 21.
- Awning, Collapsible. J. A. Thompson. 2,126,293; Aug. 9.
- Awning, Folding metal. J. T. Kitching. 2,127,062; Aug. 16.
- Awning mechanism. F. D. Frazee. 2,140,286; Dec. 13.
- Awning recess. E. H. Schane. 2,112,579; Mar. 29.
- Awning, Tensioned. O. C. Tabb. 2,138,219; Nov. 29.
- Awning, Venetian. G. J. Edmonds. 2,119,856; June 7.
- Axe. J. M. Williams. 2,104,250; Jan. 4.
- Axe. D. H. Davis. 2,132,725; Oct. 11.
- Axe and forming same. J. H. Gettig. 2,133,091; Oct. 11.
- Axe bearing, Lubricated. W. Peyinghaus. 2,116,748; May 3.
- Axe, Combined highway and rail vehicle. H. A. Soulls. 2,140,885; Dec. 20.
- Axe construction, Automotive. R. M. Riblet. 2,140,190; Dec. 13.
- Axe construction, Drive. E. J. Dunham. 2,134,687; Nov. 1.
- Axe construction, Driving. T. V. Buckwalter and J. Hektner. 2,126,612-13; Aug. 9.
- Axe for motor vehicles, Pivoted. H. Pinard. 2,135,291; Nov. 1.
- Axe for steel farm trucks, Pivotal. D. W. Voorhees, Jr. 2,114,133; Apr. 12.
- Axe gauge. B. Linn. 2,112,917; Apr. 5.
- Axe gear in motor vehicles, Arrangement and mounting of the. M. Klavik. 2,140,876; Dec. 20.
- Axe housing and forming same. G. Spatta. 2,121,106; July 19.
- Axe housing and making same. G. Spatta. 2,131,237; Sept. 27.
- Axe housing and wheel alignment gauge. M. W. Brady. 2,108,743; Feb. 15.
- Axe housing, Forming an. J. H. Gettig. 2,133,092; Oct. 11.
- Axe journals, Apparatus for cold rolling. O. J. Hanger and H. R. Nelfert. 2,111,978 9; Apr. 19.
- Axe lubricator sheave. C. H. H. Greece. 2,115,260; Apr. 26.
- Axe mounting, Mine car. C. E. Watts. 2,140,038; Dec. 13.
- Axe press. C. C. Bennett. 2,134,501; Oct. 25.
- Axe spring pad. G. A. Dougherty. 2,139,636; Sept. 13.
- Axe structure. C. E. Frode. 2,106,345; Jan. 25.
- Axe suspension for vehicles. P. M. Bourdon. 2,138,136; Nov. 20.
- Axe unit and suspension therefor, Tandem. S. F. Baker. 2,110,481; May 3.
- Axe unit, Dual. S. F. Baker. 2,110,480; May 3.
- Axes, Apparatus for making hollow pressed. L. Lantz. 2,138,867; Dec. 6.
- Axisminster loom. J. A. Coyle. 2,140,168; Dec. 13.
- Axisminster loom. E. J. Darcy. 2,135,133; Nov. 1.



- Azanthracene derivatives, Producing. K. Koeberle and E. Ploetz. 2,133,100; Oct. 11.
- Azo compounds and dyeing therewith. J. G. McNally and J. B. Dickey. 2,132,872; Oct. 11.
- Azo compound, Insoluble. M. A. Dahlen, F. Zwilmeyer, N. M. Bigelow, and R. F. Deese, Jr. 2,112,764; Mar. 29.
- Azo compounds. F. Mietzsch and J. Klarer. 2,113,597; Apr. 12.
- Azo compounds. F. Mietzsch and J. Klarer. 2,123,634; July 12.
- Azo compounds and coloring therewith. J. B. Dickey. 2,140,987; Dec. 20.
- Azo compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,115,030; Apr. 26.
- Azo compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,130,358; Sept. 20.
- Azo compounds and coloring therewith. J. C. McNally and J. B. Dickey. 2,140,539; Dec. 20.
- Azo compounds and dyeing therewith. J. G. McNally and J. B. Dickey. 2,107,898; Feb. 8.
- Azo compounds and dyeing therewith. J. G. McNally and J. B. Dickey. 2,108,824; Feb. 22.
- Azo compounds and dyeing therewith. J. G. McNally and J. B. Dickey. 2,121,811; June 28.
- Azo compounds and dyeing therewith. J. G. McNally and J. B. Dickey. 2,140,536; Dec. 20.
- Azo compounds and process for coloring therewith. J. G. McNally and J. B. Dickey. 2,140,537; Dec. 20.
- Azodyestuffs. T. Kollmann and E. Glietenberg. 2,117,731; May 17.
- Azodyestuffs. R. Stusser and F. Muth. 2,128,508; Aug. 30.
- Azo-dyestuffs and making same, Derivatives of. C. Graenacher and H. Bruegner. 2,120,743; June 14.
- Azo-dyestuffs and making same, Metalliferous. F. Straub and W. Widmer. 2,109,806; Mar. 1.
- Azo-dyestuffs and making same, Mordant. M. Müller and R. Ratti. 2,134,453; Oct. 25.
- Azo-dyestuffs and their manufacture, Red. O. Knecht and T. Wirth. 2,105,862; Jan. 18.
- Azo dyestuffs and their metalliferous derivatives. H. Schindhelm, C. T. Schultis, G. Schrader, and C. Taube. 2,109,552; Mar. 1.
- Azo-dyestuffs and their production, Basic. E. Schirm. 2,105,955; Jan. 18.
- Azo-dyestuffs of the anthraquinone series. E. Honold and C. Taube. 2,108,126; Feb. 15.
- Azodyestuffs, Water-insoluble. F. Ballauf and O. Bayer. 2,110,694; Mar. 8.
- Azodyestuffs, Water-insoluble. G. Bonhöte. 2,120,728; June 14.
- Azomethine compounds, Metal. K. Schmidt. 2,139,471; Dec. 6.
- B-halogenated vinyl ketones. J. Nelles and O. Bayer. 2,125,393; Aug. 2.
- B-methyl butyl cresols. G. W. Raiziss and L. W. Clemence. 2,106,760; Feb. 1.
- Baby nurser. L. A. Zohe. 2,133,411; Oct. 18.
- Baby walker convertible into high chair. B. Felsher. 2,115,257; Apr. 26.
- Baby walker, Staff-controlled. G. B. Sanders. 2,108,566; Feb. 15.
- Backfill for retaining walls. P. E. Doncaster. 2,115,009; Apr. 26.
- Backfiller and bulldozer. M. Wooldridge. 2,119,373; May 31.
- Backfire release for internal combustion engines. M. P. Ferguson. 2,125,370; Aug. 2.
- Back guard assembly and lamp for ranges. J. G. Hoff. 2,130,328; Sept. 13.
- Backlash eliminator mechanism. C. B. De Vlieg. 2,119,705; June 7.
- Back rest. D. S. Smith. 2,105,336; Jan. 11.
- Back rest or support of chairs, seats, and the like. A. H. Gabb. 2,114,920; Apr. 19.
- Back support for seats, Portable. H. H. Cooper. 2,131,219; Sept. 27.
- Backing for photographic film, Antihalation. G. F. Nadeau and C. B. Starek. 2,131,747; Oct. 4.
- Bacon rinder. L. J. Perrin. 2,129,234; Sept. 6.
- Bacon, Treating. H. H. McKee. 2,119,716; June 7.
- Bacteria, Carrying out certain oxidative fermentation processes by. P. A. Wells, L. B. Lockwood, and J. J. Stubbs. 2,121,533; June 21.
- Bacteria conveying mechanism. S. R. Rosenthal. 2,134,378; Oct. 25.
- Bacteria in liquids, Destroying. L. A. Chambers. 2,138,839; Dec. 6.
- Bacteria plate cabinet. M. C. Hoag. 2,124,250; July 19.
- Bacteria-yeast process of bread manufacture. W. L. Owen. 2,104,054; Jan. 4.
- Bactericidal action by the aid of chlorine, Effecting. W. M. Allison. 2,106,513; Jan. 25.
- Badge. S. C. Groeschei and A. G. Dawson. 2,107,698; Feb. 8.
- Baffle. E. H. Granville. 2,113,939; Apr. 12.
- Baffle arrangement for gyratory crushers, Oil. A. C. Young and A. J. Jorgensen. 2,134,903; Nov. 1.
- Baffle construction. G. Raymond and L. E. Young. 2,134,203; Oct. 25.
- Baffle for heaters. E. L. Bauer. 2,140,125; Dec. 13.
- Bag; See—
- Bank deposit bag. Open-mesh bag.
- Carrying bag. Paper bag.
- Clothing bag. School bag.
- Decorative bag. Seamed bag.
- Fruit-picking bag. Shoe bag.
- Garment bag. Sleeping bag.
- Golf bag. Suction cleaner bag.
- Hat and hand-bag. Traveling bag.
- Hat bag. Valve bag.
- Lunch bag. Water bag.
- Lock seal bag.
- Bag. P. M. Friedlander. 2,141,906; Dec. 27.
- Bag. C. L. Hedden and N. Cherkasoff. 2,105,319; Jan. 11.
- Bag. R. C. Hurrey and F. Toohey, Jr. 2,109,533; Mar. 1.
- Bag. W. J. Miskella. 2,126,203; Aug. 9.
- Bag. J. M. Munson. 2,114,855; Apr. 19.
- Bag. A. Potdevin. 2,119,216; May 31.
- Bag. A. Potdevin and G. E. Hampton. 2,138,119; Nov. 29.
- Bag and making it, Lined. C. L. Spangler and W. A. Morris. 2,127,012; Aug. 16.
- Bag and separate cover, Individual coffee or tea. S. E. Fritsche. 2,133,166; Oct. 11.
- Bag closing and fastening mechanism. G. Long. 2,139,111; Nov. 29.
- Bag closure. O. E. Cheatham. 2,140,104; Dec. 13.
- Bag, coffee bag, and the like, and making the same, Tea. R. N. Doble. 2,118,551; May 24.
- Bag distributor, Paper. G. A. Torgeson and V. E. Rogers. 2,123,592; July 12.
- Bag filling and closing machine. G. Long and E. B. Larsen. 2,134,567; Oct. 25.
- Bag filling machine. H. S. Gay. 2,130,005; Sept. 13.
- Bag for automobiles, Traveling. W. A. Rush. 2,105,989; Jan. 18.
- Bag for hot or cold packs. M. E. Carel. 2,122,001; June 28.
- Bag for paper or similar material, Multiwall. E. Hoppe. 2,122,061; June 28.
- Bag for pneumatic cleaners, Dust. T. E. Spence. 2,129,105; Sept. 6.
- Bag, Forming a valve. E. Hoppe. 2,122,062; June 28.
- Bag forming process. S. U. Boehmer. 2,135,132; Nov. 1.
- Bag frame. W. C. Hering. 2,116,242; May 3.
- Bag frame structure. J. F. Cox. 2,121,519; June 21.
- Bag frame structure. G. S. Merk. 2,121,528; June 21.
- Bag frames, Making. J. F. Cox. 2,123,842; July 12.
- Bag frames, Making fabric covered. W. C. Hering. 2,106,408; Jan. 25.
- Bag holder. N. A. Constantine. 2,140,199; Dec. 13.
- Bag holder. A. J. Geesaman. 2,116,784; May 10.
- Bag holder. G. Jonassen. 2,113,153; Apr. 5.
- Bag holder. C. T. Young and C. V. Brady. 2,126,163; Aug. 9.
- Bag holding device. W. M. O'Hare. 2,111,327; Mar. 15.
- Bag intucking machine. R. N. Pierson and L. W. Smith. 2,115,176; Apr. 26.
- Bag latch. A. T. Long. 2,116,949; May 10.
- Bag machine. W. H. Engel. 2,116,566; May 10.
- Bag machine. J. Koenig. 2,123,508; July 12.
- Bag making machine. A. Novick. 2,125,307; Aug. 2.
- Bag making machine. A. Potdevin. 2,126,920-21; Aug. 16.
- Bag making machine. A. Potdevin. 2,134,057; Oct. 25.
- Bag manufacture. I. Gurwick. 2,116,571; May 10.
- Bag opening device. R. F. Keppler, and S. M. Mackey. 2,124,780; July 26.
- Bag opening mechanism. G. Long. 2,106,463; Jan. 25.
- Bag or liner sealing device. R. M. Bergstein. 2,114,624; Apr. 19.
- Bag pressure indicator for suction cleaners. D. C. Gerber. 2,114,105; Apr. 12.
- Bag settling and shaping method and apparatus, Filled. M. A. Nicolas. 2,119,174; May 31.
- Bag-strap fastener. D. I. Reiter. 2,112,707; Mar. 29.
- Bag system, Breather. G. W. Chenicek. 2,111,839; Mar. 22.
- Bag tubes or bags, Manufacture of paper or like. A. J. Jones. 2,106,431; Jan. 25.
- Bagasse and like fuels, Apparatus for burning. G. P. Ward. 2,114,619; Apr. 19.
- Baggage carrier, Automobile. G. H. Le Boeuf. 2,109,571; Mar. 1.
- Baggage carrier, Automobile. G. H. Le Boeuf. 2,119,051; May 31.
- Baggage carrier, Automobile. G. H. Le Boeuf. 2,134,635; Oct. 25.
- Bagger, Pressed clothes. G. L. Whitley. 2,122,852; July 5.
- Bagger and loader, Automatic. W. L. O'Brien. 2,105,610; Jan. 18.
- Bagging device. H. E. Weinstein. 2,110,687; Mar. 8.
- Bags, Forming and filling. L. L. Salisberg. 2,139,039; Dec. 6.
- Bags and hermetically sealing same, Providing for internal atmospheric expansion of filled. R. M. Bergstein. 2,114,623; Apr. 19.
- Bags and the like, Method and apparatus for the formation of. A. O. Daller. 2,136,990; Nov. 15.
- Bags, Apparatus for and method of sealing. S. Moore. 2,126,908; Aug. 16.
- Bags, Making. A. Potdevin. 2,115,281; Apr. 26.



- Bags, Making handled shopping. H. K. Steen. 2,108,148; Feb. 15.
- Bags, Manufacture of satchel bottom. A. Novick. 2,125,306; Aug. 2.
- Bags, Process and apparatus for the production of flat. C. Holweg. 2,129,842; Sept. 13.
- Bags, Process and machine for making. G. W. Poppe. 2,124,209; July 19.
- Bags, Process and machine for making window. G. W. Poppe. 2,104,814; Jan. 11.
- Bags, Producing open mesh. W. E. Sackner and J. E. Millett. 2,123,438; July 12.
- Bags, Sealing tin-tie. H. I. Matchett. 2,138,066; Nov. 29.
- Bail. W. M. Moxley. 2,113,159; Apr. 5.
- Bail container. J. M. Hothersall. 2,106,175; Jan. 25.
- Bail ear for sheet metal vessels and making the same. I. E. Sexton. 2,107,428; Feb. 8.
- Bailer. P. Cavins. 2,118,458; May 24.
- Bailer. P. G. Gates. 2,139,075; Dec. 6.
- Bailer. C. C. Taylor. 2,141,672; Dec. 27.
- Bailer bottom. B. W. McCune. 2,125,643; Aug. 2.
- Bailer, Differential pressure. W. J. Flury. 2,109,008; Feb. 22.
- Bailer, Oil and gas saving. A. D. Purtle and J. R. Broadwater. 2,130,026; Sept. 13.
- Bailer, Pressure. E. L. Condra. 2,104,942; Jan. 11.
- Bailer, Timed dump. G. H. Ennis. 2,141,179; Dec. 27.
- Bait. A. G. Bowring. 2,121,474; June 21.
- Bait, Artificial. W. H. Steger. 2,124,378; July 19.
- Bait, Artificial fish. J. A. Arbogast. 2,111,020; Mar. 15.
- Bait, Artificial fishing. W. Reese. 2,134,841; Nov. 1.
- Bait, Artificial fishing. W. G. Schilling. 2,108,728; Feb. 15.
- Bait or lure, Artificial. G. W. Flanagan. 2,107,436; Feb. 8.
- Bait or lure, Fish. F. G. Simon. 2,139,424; Dec. 6.
- Baked article. K. D. Loose, C. W. Watkins, and J. W. Green. 2,121,128; June 21.
- Baked goods and making same. H. S. Coith, A. S. Richardson, and V. M. Votaw. 2,132,396-7; Oct. 11.
- Baker's mold. W. Kopmann. 2,139,830; Dec. 13.
- Bakery machinery. B. Rubel and C. Leab. 2,141,226; Dec. 27.
- Bakery products, Cooling. G. R. Fennema. 2,114,595; Apr. 19.
- Bakery products, Preserving. M. D. Coulter. 2,120,020-1; June 7.
- Bakery products, Sterilizing wrapped. L. W. Haas. 2,105,648; Jan. 18.
- Baking. R. L. Barton. 2,130,533; Sept. 20.
- Baking machine for textile materials. W. W. Sibson. 2,104,173; Jan. 4.
- Baking powder. A. H. Fiske. 2,138,029; Nov. 29.
- Baking powder and improving the keeping qualities of the same. A. H. Fiske. 2,131,433; Sept. 27.
- Balance adjustment for tennis rackets. L. R. Gleadall. 2,121,289; June 21.
- Balance corrector, Automatic duplex. R. J. Wise. 2,125,704; Aug. 2.
- Balance feeder and feeding molten glass, Hydrodynamic. F. L. O. Wadsworth. 2,131,242; Sept. 27.
- Balance or weighing scale. H. H. Grainger. 2,127,995; Aug. 23.
- Balance, Precision. A. Dahlberg and G. S. Clayson. 2,111,842; Mar. 22.
- Balance, Spring sash. A. F. Mantz. 2,117,896; May 17.
- Balance tester. J. W. Morse. 2,136,633; Nov. 15.
- Balance, Torsion. E. A. Ahndt and H. W. Söndag. 2,124,968; July 26.
- Balance, Torsion. E. Reeh. 2,114,769; Apr. 19.
- Balance, Torsion. E. Reeh. 2,131,357; Sept. 27.
- Balance wheel. H. Aegler. 2,116,257; May 3.
- Balanced double-seated valve. W. F. Mesinger. 2,119,471; May 31.
- Balanced pump. L. G. Brotzman and R. E. Teague. 2,133,655; Oct. 18.
- Balancer. E. C. Murphy. 2,110,809; Mar. 8.
- Balancer for machine tools, Automatic dynamic. H. Ernst and A. H. Dall. 2,142,021; Dec. 27.
- Balancing and center locating machine. N. R. Buckingham. 2,140,398; Dec. 13.
- Balancing apparatus. J. Lundgren. 2,122,391; June 28.
- Balancing device for flying machines. C. A. M. de Rougé. 2,120,065; June 7.
- Balancing machine. H. G. Dybvig. 2,130,122; Sept. 13.
- Balancing machine. J. L. Taylor. 2,123,443; July 12.
- Balancing machine with rocking axis adjustable at will. C. Ohly. 2,122,621; July 5.
- Balancing means for automobile wheels. C. F. Rubsam. 2,137,415; Nov. 22.
- Balancing means for modulators. H. M. Horsman. 2,122,097; June 28.
- Balancing system, Fluid-operated. F. H. and J. M. Towler. 2,122,809; July 5.
- Baler. F. D. Jones. 2,138,604; Nov. 29.
- Baling press. F. D. Jones. 2,104,199; Jan. 4.
- Ball amusement device. A. Brown. 2,129,189; Sept. 6.
- Ball and its manufacture, Inflated. J. T. Riddell. 2,129,238; Sept. 6.
- Ball and pebble mill. P. O. Abbé. 2,122,399; July 5.
- Ball and roller bearing. J. L. Hilton. 2,119,990; June 7.
- Ball and socket trailer coupling, Safety. H. C. Radehoff. 2,103,705; Sept. 20.
- Ball and the Ilce, Golf. H. S. Riddle. 2,108,321; Feb. 15.
- Ball bearing, Axial thrust. G. Schildgen and G. Wehr. 2,120,154; June 7.
- Ball bearing motor. C. L. Kennedy. 2,126,963; Aug. 16.
- Ball-bearing roll. E. E. Whitney and L. W. Hontoon. 2,127,149; Aug. 16.
- Ball, Blow. J. Klug. 2,118,609; May 24.
- Ball center, Playing. C. C. Davis and J. H. Gregory. 2,117,083; May 10.
- Ballcock. J. F. Duncan and E. H. Barlow. 2,105,314; Jan. 11.
- Ball construction. J. T. Riddell. 2,129,237; Sept. 6.
- Ball construction, Inflatable playing. H. Goldsmith. 2,134,634; Oct. 25.
- Ball control, Multiple. H. T. Backhouse. 2,135,206; Nov. 1.
- Ball driving device. H. A. Bodge. 2,106,625; Jan. 25.
- Ball equipped with an outer cover, Making an inflatable. M. Scudder. 2,126,220; Aug. 9.
- Ball, Golf. J. R. Farrar. 2,135,210; Nov. 1.
- Ball gyro horizon. E. E. Guilmer. Re. 20,701; Apr. 19.
- Ball, Inflatable. D. Levinson. 2,118,315; May 24.
- Ball, Inflatable. E. B. Peters. 2,118,325; May 24.
- Ball, Inflatable. I. I. Tubbs. 2,110,183; Mar. 8.
- Ball, Inflated. M. E. Reach. 2,116,479; May 3.
- Ball joint. G. H. Hufferd. 2,126,389; Aug. 9.
- Ball, Making a golf. A. W. Crane. 2,122,279; June 28.
- Ball making machine. R. L. Dowdell. 2,127,585; Aug. 23.
- Ball mill. F. E. Marcy. 2,115,820; May 3.
- Ball, Passing. J. Klecka. 2,105,861; Jan. 18.
- Ball, Playing. A. D. Macdonald. 2,105,746; Jan. 18.
- Ball races of ball bearings, Preventing axial separation of the. A. Bentzinger and W. Kick. 2,112,325; Mar. 29.
- Ball, Rubber. F. T. Roberts. 2,131,756; Oct. 4.
- Ball, Speaker baffle. J. A. Volk. 2,138,717; Nov. 29.
- Ball throwing device. H. I. Snippen. 2,112,611; Mar. 29.
- Ball winding machine. J. M. Oldham. 2,136,195; Nov. 8.
- Balls, Apparatus for printing tennis. C. S. McChesney and M. Lukacz, Jr. 2,138,350; Nov. 29.
- Balls, Making. W. J. Voit. 2,127,487; Aug. 16.
- Balls, Winding. F. Honig. 2,138,452; Nov. 29.
- Ballast, Apparatus for handling. J. B. McWilliams. 2,132,176; Oct. 4.
- Ballast, Trolling. G. Beck. 2,121,279; June 21.
- Ballast working implement. C. Jackson. 2,137,842; Nov. 22.
- Band. W. Kühn. 2,130,552; Sept. 20.
- Band and making same, Ornamental. H. I. Farnsworth. 2,139,541; Dec. 6.
- Band and multiple band strip, Facing. I. D. Wolfson. 2,123,620; July 12.
- Band and support, Body. E. Hoch. 2,120,330; June 14.
- Band attaching means for wrist watches, Wrist. J. Dinhofer. 2,129,494; Sept. 6.
- Band, Bird. J. Perry. 2,138,040; Nov. 29.
- Band carrier selector system. F. K. Vreeland. 2,134,677; Oct. 25.
- Band, Clamping. R. L. Boggs. 2,118,723; May 24.
- Band construction, Elastic. W. Forstner. 2,110,872; Mar. 15.
- Band, Elastic garment. L. W. Joyce. 2,138,453; Nov. 29.
- Band, Film reel. J. G. Kempton. 2,141,109; Dec. 20.
- Band for containers. H. A. Eggers. 2,113,443; Apr. 5.
- Band for garments. H. Hardie and J. F. Hargreaves. 2,112,892; Apr. 5.
- Band for garments, Elastic rubber holding. A. Schettlin. 2,113,201; Apr. 5.
- Band for hats, Adjustable sweat. W. C. Gray. 2,112,808; Mar. 29.
- Band for hats, Sweat. S. Adamson. 2,118,583; May 24.
- Band for hats, Sweat. G. S. Radford. 2,116,082; May 3.
- Band for headwear, Head. G. L. Tabley. 2,106,075; Jan. 18.
- Band forming apparatus, Neck. E. V. Tolen and C. B. Harbrett. 2,122,303; June 28.
- Band, Garment. H. Hardie. 2,132,616; Oct. 11.
- Band, Hat sweat. L. M. Page. 2,115,965; May 3.
- Band pass filter. W. Bler. 2,142,038; Dec. 27.
- Band strapping machine. H. E. Twomley. 2,125,528; Aug. 2.
- Band, Sweat. J. Cavanagh. 2,131,697; Sept. 27.
- Band, Tension. G. E. Apel and J. M. Patterson. 2,114,517; Apr. 19.
- Band, Wrist watch. H. K. Smith. 2,106,540; Jan. 25.
- Bandage binder clip. E. Froberg. 2,105,725; Jan. 18.
- Bandage machine. H. H. Dalley. 2,128,123; Aug. 23.
- Bandage, Plaster. H. M. Weber. 2,134,963; Nov. 1.
- Bandages, Apparatus for preparing. R. R. Boyer. 2,112,759; Mar. 20.
- Bandeau. J. Kahn. 2,109,569; Mar. 1.
- Banding machine. J. A. Fenton. 2,109,527; Mar. 1.
- Banding machine. H. R. Schütz. 2,134,739; Nov. 1.
- Bandit or burglar trap. C. L. Goldsmith and B. F. Wood. 2,130,301; Sept. 13.
- Bands from building drums, Method of and apparatus for removing. H. P. Schrank. 2,132,324; Oct. 4.
- Bands of artificial silk, and apparatus therefor, Preparation of sashette thread. G. Campbell. 2,133,525; Oct. 18.
- Bank, Coin. L. Kleigsfeld. 2,136,693; Nov. 15.
- Bank, Coin. D. H. Zell. 2,137,885; Nov. 22.
- Bank deposit bag. S. B. Klabin. 2,113,059; Apr. 5.
- Bank protective system. C. H. Rohrig. 2,110,177; Mar. 8.



- Bank, Relay stepping. T. J. Judge. 2,116,173; May 3.  
 Bank, Savings. F. L. Stephens. 2,120,514; June 14.  
 Bank vault ventilator. W. B. Goehring. 2,117,244; May 10.  
 Banner, Aerial. M. S. Du Pont. Re. 20,840; Aug. 30.  
 Banner, Aerial. E. G. Wiemer. 2,122,766; July 5.  
 Bar: See—  
   Adjustable boring bar. Dividing bar.  
   Beverage dispensing bar. Doorknob bar.  
   Boring bar. Glazing bar.  
   Collar bar. Grate or stoker bar.  
   Composite bus-bar. Handle bar.  
   Cutter bar. Locking bar.  
   Cutter chain and cutter bar. Refrigerated back bar.  
   Cutter or sickle bar. Reinforcing bar.  
   Topping bar.  
 Bar. Z. A. Petty. 2,125,807; Aug. 2.  
 Bar assembly, Bus. W. M. Scott, Jr. 2,122,298; June 28.  
 Bar cabinet. R. G. Hamaker. 2,141,468; Dec. 27.  
 Bar, Flattening end portions of. A. H. G. Warr and R. A. McLaughlin. 2,141,576; Dec. 27.  
 Bar soap dispenser. J. E. Wheatley. 2,108,092; Feb. 15.  
 Bar stock, Apparatus for cutting. L. A. Frayer and C. L. Harvey. 2,106,274; Jan. 25.  
 Bar structure for Venetian blinds, Tilt. H. K. Lorentzen. 2,120,284; June 14.  
 Bar support, Drop wire. I. W. Noyes. 2,139,456; Dec. 6.  
 Bar traveler. L. W. Schaaff. 2,112,710; Mar. 29.  
 Barbecue furnace. H. J. Hirschenfeld. 2,109,796; Mar. 1.  
 Barbecue machine. K. E. Bemis. 2,138,813; Dec. 6.  
 Barber pole. W. R. Severson. 2,120,192; June 7.  
 Barbituric compound, Methallyl-substituted. H. A. Shonle. 2,106,138-9; Jan. 18.  
 Barge. W. S. MacDonald. 2,120,286; June 14.  
 Barking and washing drum, Combined. H. W. Guettler. 2,140,287; Dec. 13.  
 Barium and sulphate by means of tetrahydroxyquinone, Determination of. W. C. Schroeder. 2,120,529; June 14.  
 Barium compounds, Manufacture of. E. E. Fisher. 2,105,940; Jan. 18.  
 Barium from black ash residues, Recovery of. R. W. Ball. 2,111,236; Mar. 15.  
 Barley polisher or pearler. J. E. Johnson. 2,118,309; May 24.  
 Barometric condenser. F. K. Fischer. 2,127,908; Aug. 23.  
 Barometric device. C. B. Watson. 2,116,991; May 10.  
 Barrel. S. S. Battles and H. L. Ahrbecker. 2,133,796; Oct. 18.  
 Barrel. E. G. Cook. 2,105,939; Jan. 18.  
 Barrel. B. T. Lindell. 2,131,632; Sept. 27.  
 Barrel and drum cleaning device. J. R. Alexander. 2,119,192; May 31.  
 Barrel and means for clamping closures thereon, Metallic. H. G. Woehler. 2,111,830; Mar. 22.  
 Barrel construction. R. C. Ingersoll. 2,128,297; Aug. 30.  
 Barrel construction for firearms, Detachable. M. A. Browning. 2,131,716; Sept. 27.  
 Barrel, Double walled. E. F. Lee. 2,116,795; May 10.  
 Barrel drier. J. W. Leonard, W. R. Butterworth, Jr., and W. L. Wellford, Jr. 2,140,841; Dec. 20.  
 Barrel, Electroplating. P. L. Amundsen. 2,120,478; June 14.  
 Barrel fastening means. R. Laloux. 2,121,171; June 21.  
 Barrel-holding device for automatic pistols. E. Altenburger. 2,107,359; Feb. 8.  
 Barrel measuring device. J. A. Bauer. 2,119,037; May 31.  
 Barrel, Metal. W. H. D'Ardenne. 2,109,836; Mar. 1.  
 Barrel, Metal. W. F. Schulz. 2,107,992; Feb. 8.  
 Barrel, Nonrefillable. H. L. Newton and H. Merker. 2,134,199; Oct. 25.  
 Barrel plating apparatus. J. M. Hosdowich. 2,133,324; Oct. 18.  
 Barrel, Shipping and dispensing. C. M. Valentine. 2,112,317; Mar. 29.  
 Barrel stacker and dispenser, Automatic. W. E. Ross. 2,115,647; Apr. 26.  
 Barrel-treating machine, Automatic. W. A. Strohl. 2,117,523; May 17.  
 Barrel washing machine. C. J. Schroeder. 2,133,481; Oct. 18.  
 Barrels for air guns, Removable inner. W. R. and T. S. Benjamin. 2,117,935; May 17.  
 Barrette. D. D. Schneewels. 2,116,799; May 10.  
 Barrette. N. L. Solomon. 2,141,368; Dec. 27.  
 Barrier, Beach protecting. J. J. O'Rourke. 2,128,012; Aug. 23.  
 Barrier for vehicular traffic. A. S. Jones. 2,127,690; Aug. 23.  
 Barrier, Meter insulation and protective. F. H. Willes. 2,142,013; Dec. 27.  
 Barrier, Race track. M. J. Corrigan. 2,119,073; May 31.  
 Barrier, Safety. S. L. McRoberts. 2,125,304; Aug. 2.  
 Bars, Making embedded. B. F. Friberg. 2,137,718; Nov. 22.  
 Bars, Making rail joint. G. Langford. Re. 20,874; Oct. 4.  
 Base and cover, Meter. J. S. Martin. 2,127,041; Aug. 16.  
 Base and insulating unit, Composite plaster. C. R. Pemberton. 2,141,821; Dec. 27.  
 Base, Attachment plug. F. S. Regis. 2,134,204; Oct. 25.  
 Baseball base. P. C. Goodrick. 2,138,273; Nov. 29.  
 Baseball bats, Apparatus for treating. C. R. and G. L. Beck. 2,105,466; Jan. 18.  
 Baseball card game and score device. P. B. Bochiechio. 2,113,369; Apr. 5.  
 Baseball game apparatus. J. W. Balley. 2,110,902; Mar. 15.  
 Baseball head protector. E. Larkin. 2,121,702; June 21.  
 Baseboard for plaster and the like. C. S. Gardaile. 2,136,481; Nov. 15.  
 Base, Bobbin. W. B. Cooper. 2,136,073; Nov. 8.  
 Base, Cam-type reversible car-seat. A. B. Bell. 2,123,927; July 19.  
 Base, Cement and iron combined post. C. M. Dempsey. 2,135,389; Nov. 1.  
 Base, Coin collector. J. J. Kuhn. 2,136,624; Nov. 15.  
 Base, Electrical instrument. A. B. Rypinski. 2,115,429; Apr. 26.  
 Base feeder. J. J. Malloy. 2,137,173; Nov. 15.  
 Base for a cordless electric iron, Energized. R. Roller. 2,129,286; Sept. 6.  
 Base for incandescent lamps, Cementless. M. E. McGowan. 2,119,681; June 7.  
 Base for lamps, tubes, and the like, Contactor. R. M. Zabel. 2,141,146; Dec. 20.  
 Base for powered apparatus. J. L. Hamilton. 2,134,819; Nov. 1.  
 Base, Incandescent electric lamp. G. N. Criger and L. R. Dehler. 2,134,472; Oct. 25.  
 Base or support for dolls or the like. E. S. Harris. 2,139,822; Dec. 13.  
 Base plate for baseball diamonds. J. O. Seys. 2,122,266; June 28.  
 Base, Portable. W. C. Stregre. 2,131,647; Sept. 27.  
 Base, Supporting. V. McCabe. 2,115,274; Apr. 26.  
 Base, Vault. R. E. Smith. Re. 20,889; Oct. 18.  
 Basing machine for electric lamps and similar articles. V. T. Uber. 2,120,877; June 14.  
 Basin and the like, Sanitary. A. Ehrhardt. 2,116,015; May 3.  
 Basin attachment. I. Standley. 2,124,717; July 26.  
 Basin lister damping machine. W. H. Doonan. 2,118,462; May 24.  
 Basket. F. Cipar. 2,131,425; Sept. 27.  
 Basket. J. W. Grant. 2,113,688; Apr. 12.  
 Basket. A. R. Lofstrand. 2,112,404; Mar. 29.  
 Basket. G. H. Smith. 2,128,174; Aug. 23.  
 Basket, Asparagus. F. H. All. 2,115,451; Apr. 26.  
 Basket, Berry. F. K. and E. Shimizu. 2,106,816; Feb. 1.  
 Basket carrier. M. B. Sheldon. 2,133,834; Oct. 18.  
 Basket, Cement. R. C. Baker. 2,117,538; May 17.  
 Basket, Centrifugal. J. F. Tholl. 2,130,205; Sept. 13.  
 Basket, Collapsible cardboard counter. J. V. Horr. 2,114,492; Apr. 19.  
 Basket construction, Centrifugal. E. Roberts. Re. 20,829; Aug. 16.  
 Basket, Cooking. R. T. Harris. 2,138,967; Dec. 6.  
 Basket cover. C. G. Leigh. 2,104,262; Jan. 4.  
 Basket cover. A. H. Schmidtko. 2,106,328; Jan. 25.  
 Basket cover fastener. A. H. Schmidtko. 2,126,582; Aug. 9.  
 Basket display. N. Snelling. 2,138,360; Nov. 29.  
 Basket, Double wall handle. E. E. Mohler. 2,132,638; Oct. 11.  
 Basket liner. D. O. Lane. 2,128,653; Aug. 30.  
 Basket, Lubricating oil salvaging. F. F. Winfree. 2,111,715; Mar. 22.  
 Basket, Refrigerator car ice. E. Zane. 2,139,536; Dec. 6.  
 Basket-tipping apparatus. T. F. Allen. 2,129,394; Sept. 6.  
 Bat assembly. E. E. Moore. 2,109,799; Mar. 1.  
 Batch-measuring device for feeding materials to curb presses. H. F. MacMillin. 2,111,915; Mar. 22.  
 Batch, batch charging, and transfer system. C. and C. H. Johnson. 2,127,120; Aug. 16.  
 Batching apparatus. C. S. Johnson. 2,138,172; Nov. 29.  
 Bath and pan, Shower. A. Cheney. 2,106,516; Jan. 25.  
 Bath and shower diverter valve, Automatic. J. J. Fredericks. 2,115,628; Apr. 26.  
 Bath appliance. L. T. Bowers. 2,123,398; July 12.  
 Bath curtain. J. W. Shera. 2,120,155; June 7.  
 Bath, Electrothermo. I. M. Petersime. 2,108,268; Feb. 15.  
 Bath for and method of coating magnesium and its alloys. R. W. Buzzard. 2,114,734; Apr. 19.  
 Bath, High temperature and low pressure. B. Tsumura. 2,114,408; Apr. 19.  
 Bath, Portable sitz. C. D. Gaston and W. D. Moore. 2,139,951; Dec. 13.  
 Bathroom structure, Unitary. O. Smith. 2,131,124; Sept. 27.  
 Bathtub. J. A. Callahan. 2,122,245; June 28.  
 Bathtub. M. Fellipone. 2,139,942; Dec. 13.  
 Bathtub. E. W. Marshall. 2,128,424; Aug. 30.  
 Bathtub. B. E. Prince. 2,112,409; Mar. 29.  
 Bathtub and dressing table, Combination. W. C. Baxter. 2,140,685; Dec. 20.  
 Bathtub receptacle. W. H. Ehrhorn. 2,113,043; Apr. 5.  
 Bathtub safety device. G. L. Heckert. 2,120,179; June 7.  
 Bathtub seat. G. B. Bentz. 2,112,662; Mar. 29.



- Bathtub, Sheet metal. H. G. Coordes. 2,122,247; June 28.
- Bathtub steam eliminator. A. E. Robinson. 2,116,281; May 3.
- Bathtub support. R. B. Clark. 2,117,233; May 10.
- Bathtubs and like fixtures, Nonskid device for. J. F. Gutmann. 2,141,467; Dec. 27.
- Bathing accessory. H. Shoglow. 2,106,664; Jan. 25.
- Bathing beach accessory. D. Goldberg. 2,109,881; Mar. 1.
- Bathing cap. C. J. Crowley. 2,131,344; Sept. 27.
- Bathing cap. R. Suthers. 2,132,864; Oct. 11.
- Baths used in the manufacture of cellulose products from viscose, Treatment of acid settling. J. L. Costa. 2,105,684; Jan. 18.
- Baton. L. F. Dorsey. 2,108,802; Feb. 22.
- Batten. R. Boyd. 2,130,788; Sept. 20.
- Batteries, Apparatus for charging storage. N. F. Agnew. 2,104,632; Jan. 4.
- Batteries, Apparatus for testing. K. S. Brooks and L. G. Henel. 2,125,840; Aug. 2.
- Batteries, Charging storage. E. W. Smith. 2,141,624; Dec. 27.
- Batteries, Maintaining the fluid level of storage. W. L. Wolford. 2,135,158; Nov. 1.
- Battery; *See* Storage battery.
- Battery box. G. E. Atkins. 2,117,692; May 17.
- Battery box and the like, Lined or composite. C. L. Keller. 2,119,278; May 31.
- Battery carrier. V. B. Dawson. 2,105,349; Jan. 11.
- Battery charge indicating means, Storage. E. W. Smith. 2,141,625; Dec. 27.
- Battery charge indicating means, Storage. J. L. Woodbridge. 2,124,174; July 19.
- Battery charging apparatus. R. M. Gilson. 2,139,330; Dec. 6.
- Battery charging regulator. C. V. Aggers. 2,114,827; Apr. 19.
- Battery-charging system. F. Conrad and G. C. Goode. 2,117,018; May 10.
- Battery clamp. A. C. Johnson and R. J. Porche. 2,114,225; Apr. 12.
- Battery clamp. W. Pierpoint. 2,128,888; Aug. 30.
- Battery condition indicator. J. A. Vincent. 2,124,266; July 19.
- Battery connector. A. A. Flynn. 2,136,814; Nov. 15.
- Battery connector. L. O'Brien. 2,125,579; Aug. 2.
- Battery connection. G. W. Reed. 2,124,631; July 26.
- Battery construction, Storage. G. L. Kyle. 2,132,793; Oct. 11.
- Battery container. F. M. Martino. 2,136,749; Nov. 15.
- Battery dumper. F. Altmayer. 2,122,272; June 28.
- Battery, Electric storage. A. Setzer. 2,119,967; June 7.
- Battery, Electric storage. A. Setzer. 2,141,621; Dec. 27.
- Battery electrode and making the same, Storage. J. A. Schaeffer and H. R. Harner. 2,130,105; Sept. 13.
- Battery filler. A. W. Bortz. 2,140,951; Dec. 20.
- Battery filling device. A. H. Mosher. Re. 20,627; Jan. 18.
- Battery filling device, Automatic. T. T. Townsend. 2,139,476-7; Dec. 6.
- Battery filling device, Storage. C. M. Bolich. 2,141,079; Dec. 20.
- Battery, Galvanic. A. Dassler. 2,104,973; Jan. 11.
- Battery grid casting machine. A. H. Lührman. 2,107,041; Feb. 1.
- Battery hand lamp. J. S. Zook. 2,118,997; May 31.
- Battery installation. W. S. Saunders. 2,104,765; Jan. 11.
- Battery installation. W. S. Saunders. 2,133,577; Oct. 18.
- Battery installation for motor vehicles. J. O. Black. 2,106,883; Feb. 1.
- Battery installation, Storage. W. S. Saunders. 2,104,766-73; Jan. 11.
- Battery lifting and carrying device. H. C. Moen. 2,112,923; Apr. 5.
- Battery lifting device. V. S. Beery. 2,126,605; Aug. 9.
- Battery, particularly secondary battery, and operating the same, Electric. A. E. Lance, E. Languth, E. Breunling, and A. Dassler. 2,131,592; Sept. 27.
- Battery plate and composition thereof, Storage. J. A. Schaeffer and H. R. Harner. 2,130,103; Sept. 13.
- Battery plate and making the same, Storage. J. A. Schaeffer and H. R. Harner. 2,130,101; Sept. 13.
- Battery plate powders into litharge, Conversion of spent. R. M. Cole. 2,139,069; Dec. 6.
- Battery plates from their cases, Removing storage. W. F. Eppensteiner. 2,119,857; June 7.
- Battery plates, Making storage. C. A. Hall. 2,107,937; Feb. 8.
- Battery post clamp. O. L. Schanbacher. 2,125,203; July 26.
- Battery-post connector. T. J. Mayes. 2,129,333; Sept. 6.
- Battery protecting control scheme. W. M. Hutchison and R. C. Jones. 2,125,071; July 26.
- Battery separator plate. G. Slayter. 2,117,371; May 17.
- Battery, Storage. T. Matthew. 2,106,222; Jan. 25.
- Battery, Storage. G. Wheat. 2,120,822; June 14.
- Battery stripper, Storage. W. F. Eppensteiner. 2,119,858-9; June 7.
- Battery terminal. C. E. R. Nelson. 2,135,910; Nov. 8.
- Battery terminal. A. H. Walde. 2,111,712; Mar. 22.
- Battery terminal and post. H. A. Hess. 2,109,424; Feb. 22.
- Battery terminal clamp. A. Gladstone. 2,121,629; June 21.
- Battery terminal clamp. J. K. Schaefer. 2,119,294; May 31.
- Battery terminal connector. H. A. Recen. 2,125,521; Aug. 2.
- Battery terminal connector. R. J. Roberts. 2,110,918; Mar. 15.
- Battery terminal connector. R. E. Rowe. 2,134,623; Oct. 25.
- Battery terminals, Removing. C. H. Ballard. 2,133,371; Oct. 18.
- Battery testing device, Storage. C. G. Reetz. 2,106,687; Jan. 25.
- Battery vending machine. A. C. Wagner. 2,119,063; May 31.
- Battery vent plug, Storage. M. A. Hopkins. 2,124,455; July 19.
- Beacon light. P. Saracco. 2,127,757; Aug. 23.
- Beacon, Slip-way. E. Kramar. 2,118,929; May 31.
- Beacon system, Ultrahigh frequency marker. C. D. Barbulesco. 2,124,533; July 26.
- Bead-building apparatus. F. J. Shook. 2,115,450; Apr. 26.
- Bead, Flexible corner. J. F. Burt. 2,127,806; Aug. 23.
- Bead runner. M. F. Prangley. 2,110,401; Mar. 8.
- Bead wire die. J. T. Gordon and R. W. Snyder. 2,105,812; Jan. 18.
- Beading for motor car fenders, Protective. H. L. Fletcher. 2,119,429; May 31.
- Beading machine. S. S. Millen. 2,116,906; May 10.
- Beam and joint therefor, Metallic truss. E. A. Braden. 2,136,071; Nov. 8.
- Beam and method of making, Warp. O. V. Payne. 2,141,665; Dec. 27.
- Beam hanger. C. L. Beckard. 2,125,861; Aug. 2.
- Beam head, Ribless. F. Mossberg. 2,126,970; Aug. 16.
- Beam lock. C. D. Brown. 2,117,142; May 10.
- Beam lock. M. E. Tanner. 2,130,203; Sept. 13.
- Beam mechanism, Lifting. L. E. Knerr. 2,119,547; June 7.
- Beam members, Making structural. H. T. Woolson. 2,139,788; Dec. 13.
- Beam, Multiple unit. G. G. Greulich. 2,130,797; Sept. 20.
- Beam saddle, Walking. A. N. Porter. 2,116,932; May 10.
- Beam scanning dissector. P. T. Farnsworth. 2,124,057; July 19.
- Beam, sheet metal. E. J. W. Ragsdale and A. G. Dean. 2,125,691; Aug. 2.
- Beam structure. E. J. W. Ragsdale and A. G. Dean. 2,125,692; Aug. 2.
- Beams and the like for building construction. A. Rafter. 2,122,698; July 5.
- Bean and clover seed drier. W. Laggett. 2,130,961; Sept. 20.
- Bean flakes, Producing soy. F. F. Hasbrouck. 2,130,087; Sept. 13.
- Bean snipping machine. F. P. Ryder. 2,108,179; Feb. 15.
- Bean snipping machine. F. P. Ryder. 2,110,242; Mar. 8.
- Beans, Process and machine for drying. C. E. Wilson. 2,118,334; May 24.
- Beans, Treating soy. F. Güssel. 2,117,315; May 17.
- Bearing; *See*—
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| Antifriction bearing.       | Roller thrust bearing.      |
| Axle bearing.               | Sealed bearing.             |
| Ball and roller bearing.    | Segmental bearing.          |
| Ball bearing.               | Self-aligning bearing.      |
| Cooled bearing.             | Self-lubricating bearing.   |
| Lubricated axle bearing.    | Shaft bearing.              |
| Packless bearing.           | Side bearing.               |
| Pitman pin bearing.         | Slipper bearing.            |
| Plain bearing.              | Spindle bearing.            |
| Precision bearing.          | Thrust bearing.             |
| Rectilinear-motion bearing. | Vertical labyrinth bearing. |
| Roller bearing.             |                             |
- Bearing. K. Albrecht and H. Böhle. 2,121,277; June 21.
- Bearing. R. G. N. Evans. 2,131,170; Sept. 27.
- Bearing. N. H. Gilman. 2,130,162; Sept. 20.
- Bearing. E. S. Hall. 2,137,487; Nov. 22.
- Bearing. W. T. Hurtt. 2,125,446; Aug. 2.
- Bearing. J. U. Langlois. 2,105,976; Jan. 18.
- Bearing. P. Leister. 2,135,062; Nov. 8.
- Bearing. F. Pesaresi. 2,131,621; Oct. 25.
- Bearing. J. Schenck. 2,126,046; Aug. 9.
- Bearing. O. R. Schenck. 2,140,333; Dec. 13.
- Bearing. R. R. Seattles. 2,109,043; Feb. 22.
- Bearing. J. W. Smith. 2,114,480; Apr. 19.
- Bearing. J. W. Smith. 2,121,237; June 21.
- Bearing. W. G. O. Stöcher. 2,140,433; Dec. 13.
- Bearing. M. Tibbitts. 2,106,860; Feb. 1.
- Bearing. A. G. P. Wallgren. 2,113,343; Apr. 5.
- Bearing. A. G. P. Wallgren. 2,131,713; Oct. 4.
- Bearing. A. G. P. Wallgren and C. G. Jansen. 2,113,871; May 10.
- Bearing. C. A. Whitaker. 2,121,179; July 19.
- Bearing alloy. J. G. Ryan. 2,118,851; May 10.
- Bearing alloy. J. G. Ryan. 2,118,853; Nov. 13.
- Bearing and closure. S. M. Weckstein. 2,132,848; Oct. 11.
- Bearing and socket material, Making. B. P. Kiefer. 2,120,844; Sept. 13.



- Bearing and its manufacture, Antifriction. W. T. Murden. 2,126,912; Aug. 16.
- Bearing and making same, Antifriction. S. R. Large. 2,133,030; Oct. 11.
- Bearing and method. A. L. Boegehold and A. W. Schlachter. 2,108,590; Jan. 25.
- Bearing and mounting, Cushioned roller. E. Wooler and J. B. Baker. 2,141,145; Dec. 20.
- Bearing and seal, Antifriction. W. T. Murden. 2,140,091; Dec. 13.
- Bearing and support. E. L. Wood. 2,137,434; Nov. 22.
- Bearing assembly, Deflection compensating roll. H. H. Talbot. 2,123,754; July 12.
- Bearing assembly for wheels and axles, Antifriction. H. W. Sanford. 2,113,497; Apr. 5.
- Bearing assembly, Journal. E. H. Piron. 2,137,543; Nov. 22.
- Bearing assembly, Resilient side. A. Stucki. 2,104,840; Jan. 11.
- Bearing cage, Roller. C. S. Brown. 2,130,295; Sept. 13.
- Bearing cap. W. W. Slaght. 2,114,861; Apr. 19.
- Bearing center for boring mills, Antifriction. J. Burt. 2,114,911; Apr. 19.
- Bearing for aircraft control surfaces, Friction. J. Calvy. 2,119,151; May 31.
- Bearing for articulated cars, Side. S. F. Udstad. 2,108,733; Feb. 15.
- Bearing for car trucks, Side. E. W. Webb. 2,108,220; Feb. 15.
- Bearing for connecting rods and the like, Self-aligning. H. A. Hoke and H. A. Brenaman. 2,126,388; Aug. 9.
- Bearing for electric meters and the like, Jewel. F. C. Holtz. 2,111,629; Mar. 22.
- Bearing for one-way rotation, Baffle gate. A. Law. 2,106,220; Jan. 25.
- Bearing for pitmans, Stirrup. A. N. Porter. 2,107,499; Feb. 8.
- Bearing for trucks, Differential. C. O. Heslep. 2,129,580; Sept. 6.
- Bearing having a nonmetallic fabric lining and making the same. H. D. Geyer. 2,129,125; Sept. 6.
- Bearing members and rolled blanks therefor, Making roller. P. Klamp. 2,126,893; Aug. 16.
- Bearing metal alloy. E. P. Langworthy. 2,121,204; June 21.
- Bearing metal alloy. C. E. Swartz. 2,107,223; Feb. 1.
- Bearing parts, Apparatus for use in effecting adjustments of roller. H. A. Bergert. 2,118,756; May 24.
- Bearing puller. H. A. Bergert. 2,118,754; May 24.
- Bearing reamer. J. Sunnen. 2,120,080; June 7.
- Bearing remover. B. W. Jones. 2,115,109; Apr. 26.
- Bearing seal for mulling machines. H. S. Simpson. Re. 20,747; May 31.
- Bearing structure. O. C. Willis. 2,127,796; Aug. 23.
- Bearing structures, Making. F. T. McCurdy. 2,136,946; Nov. 15.
- Bearing system. W. Bobrzyk. 2,141,505; Dec. 27.
- Bearing unit for freight cars, Roller. W. C. Hedgecock. 2,115,989; May 3.
- Bearing washer. F. G. Welke. 2,137,660; Nov. 22.
- Bearings, Making. J. H. Davis. 2,132,867; Oct. 11.
- Bearings, Making. N. H. Gilman. 2,130,461; Sept. 20.
- Bearings, Making. D. McKercher and G. F. Yager. 2,139,555; Dec. 6.
- Bearings, Making. R. D. Pike. 2,123,659-60; July 12.
- Bearings, Making. R. D. Pike. 2,127,937; Aug. 23.
- Bearings, Making bronze faced. N. H. Gilman. 2,124,060; July 19.
- Bearings, Making railway car axle journal. W. W. Pattison and F. J. Sandner. 2,109,890; Mar. 1.
- Bearings, Making roller. V. E. Tillson. 2,120,533; June 14.
- Bearings, Manufacture of. J. Bate. 2,113,073-4; Apr. 5.
- Bearings, Manufacture of. J. Bate. 2,119,900; June 7.
- Bearings, Manufacture of. J. Bate and M. Melhuish. 2,124,132; July 19.
- Bearings, Manufacturing ball and roller. R. Annen. 2,112,754; Mar. 29.
- Bearings, new composition of matter and producing the same. M. P. Kirk and I. H. Grancell. 2,108,339; Feb. 15.
- Beater. E. H. Leighty. 2,121,918; June 28.
- Beater, Bass drum. W. Hueckstead. 2,132,211; Oct. 4.
- Beater for paper stock. C. R. Seaborne. 2,129,789; Sept. 13.
- Beater, High speed. N. A. Gray. 2,138,632; Nov. 29.
- Beater, Mixing machine. W. F. Dehuff. 2,109,614; Mar. 1.
- Beater, Trap drum, cymbal and triangle. J. M. Sewell. 2,108,693; Feb. 15.
- Beauty appliance. R. Merkin. 2,134,640; Oct. 25.
- Bed. W. F. Loibl. 2,112,702; Mar. 29.
- Bed. R. L. McLendon. 2,107,205; Feb. 1.
- Bed. H. C. Schilling. 2,132,131; Oct. 4.
- Bed. C. A. Wylie and W. H. Atwood. 2,130,703; Sept. 20.
- Bed, Adjustable work. C. J. Hertlein. 2,141,751; Dec. 27.
- Bed and accessory therefor. L. J. Wiener. 2,133,369; Oct. 18.
- Bed and cabinet, Portable folding. L. W. Skobel. 2,105,236; Jan. 11.
- Bed attachment. R. M. Stevens. 2,136,088; Nov. 8.
- Bed bottom, bed spring, or the like, Spring. C. J. Elder. 2,135,804; Nov. 8.
- Bed, Collapsible. B. M. Graham. 2,127,025; Aug. 16.
- Bed construction. U. Lobb. 2,115,111; Apr. 26.
- Bed, Couch. J. Martin. 2,125,940; Aug. 9.
- Bed couch. H. W. Neunherz. 2,129,532; Sept. 6.
- Bed couch, Convertible. J. M. Vallone. 2,136,830; Nov. 15.
- Bed, Davenport. M. Thum. 2,126,588; Aug. 9.
- Bed, Disappearing wall. H. H. Hall. 2,116,698; May 10.
- Bed, Divan. O. Wessel. 2,132,664; Oct. 11.
- Bed end. C. A. Stuart and J. Hofbauer. 2,115,434; Apr. 26.
- Bed, Foldable. T. B. Bardaji. 2,124,602; July 26.
- Bed, Foldable. G. Isbell and E. J. C. Rogers. 2,135,517; Nov. 8.
- Bed, Folding. I. E. Skidmore. 2,128,018; Aug. 23.
- Bed, Hospital. J. White. 2,113,286; Apr. 5.
- Bed, Hospital or invalid. A. L. Hurst. 2,105,040; Jan. 11.
- Bed lamp. V. Nemeroff. 2,138,744; Nov. 29.
- Bed, Metallic. S. Raduns. 2,106,657; Jan. 25.
- Bed motion. J. R. Wood. 2,112,215; Mar. 22.
- Bed motion for flat bed presses, Reciprocating. F. R. Molitor. 2,105,328; Jan. 11.
- Bed, Obstetrical or similar. A. Comper and M. T. MacEachern. 2,120,732; June 14.
- Bed or the like, Hospital. J. A. Bäwer. 2,108,913; Feb. 22.
- Bedpan. L. Hause. 2,110,440; Mar. 8.
- Bedpan. F. E. Jones and F. C. Wachs. 2,139,273; Dec. 6.
- Bedpan. H. A. Schack. 2,132,651; Oct. 11.
- Bed pan container, Sanitary. C. W. Beamer. 2,128,669; Aug. 30.
- Bedrail. L. and G. Michl. 2,114,397; Apr. 19.
- Bed, Rocking hospital. H. H. Howell, R. E. Rutledge, and C. E. Sanders. 2,104,745; Jan. 11.
- Bedspring. D. C. Travis. 2,116,588; May 10.
- Bedspring. D. C. Travis. 2,119,368; May 31.
- Bedspring. D. C. Travis. 2,135,607; Nov. 8.
- Bedspring. G. F. Venzke. 2,129,251; Sept. 6.
- Bedspring construction. S. Raduns. 2,131,071; Sept. 27.
- Bedspring display rack. H. J. Du Devoire. 2,127,555; Aug. 23.
- Bed structure. J. Basile. 2,123,326; July 12.
- Bed structure for trailers, Convertible. E. E. Hills. 2,128,415; Aug. 30.
- Bed, Wagon or trailer body wagon. L. B. Patrick. 2,133,902; Oct. 18.
- Bed, Wall. M. Thum. 2,114,581; Apr. 19.
- Beds, Appliance for. N. Sullivan. 2,112,122; Mar. 22.
- Beds, Attachment for. C. J. Ewald. 2,106,834; Feb. 1.
- Beds, Attachment for invalid. E. Marzano. 2,118,261; May 24.
- Bedstead. G. M. Harris. 2,105,785; Jan. 18.
- Bedstead, Lift. G. F. Archer. 2,112,355; Mar. 29.
- Beehive. O. A. King. 2,128,000; Aug. 23.
- Beehive frontal enclosure. R. R. Meyer. 2,140,964; Dec. 20.
- Bee-venom and obtaining the same. E. Bühler. 2,112,828; Apr. 5.
- Beeswax, Bleaching. D. J. Campbell and L. R. P. London. 2,108,282; Feb. 15.
- Beer and dispensing same, Device for instantaneously cooling. S. Mezzapesa. 2,124,308; July 19.
- Beer and other liquids, Clarifying and sterilizing. D. P. S. Fox. 2,131,885; Oct. 4.
- Beer coil cleaner. W. A. Douglass. 2,124,875; July 26.
- Beer cooler. W. Adams. 2,113,972; Apr. 12.
- Beer cooling and dispensing apparatus. S. R. Hirsch. 2,140,744; Dec. 20.
- Beer cooling and dispensing device. R. T. Cornelius. 2,119,383; May 31.
- Beer cooling and dispensing system. F. H. Stern. 2,125,261; July 26.
- Beer dispenser. D. C. Seltz. 2,140,816; Dec. 20.
- Beer dispensing apparatus. T. A. Hutsell. 2,110,043; Mar. 1.
- Beer dispensing device. R. T. Cornelius. 2,125,102; July 26.
- Beer drawing and cooling system. J. Panagopoulos. 2,141,221; Dec. 27.
- Beer, Joke. W. A. Mould. 2,140,327; Dec. 13.
- Beer, Manufacturing. R. Gull. 2,136,685; Nov. 15.
- Beer or the like, Making. J. F. Silhavy. 2,122,761; July 5.
- Beers and ales, Packaging. D. R. MacKenzie. 2,114,964; Apr. 19.
- Beet topper. W. A. Zieslesch. 2,141,806; Dec. 27.
- Bell. C. M. Miller. 2,116,320; May 3.
- Bell, Contactless. M. F. Ketay. 2,117,064; May 10.
- Bell ringing device for electric toy trains. A. N. Pefers. 2,129,233; Sept. 6.
- Bellows, Camera. W. L. Lawson. 2,108,717; Feb. 15.
- Bellows pockets, Method and apparatus for. A. H. Wels. 2,116,371; May 3.
- Belt. E. Blossfeld. 2,129,400; Sept. 6.
- Belt. R. S. Calnan. 2,134,600; Oct. 25.
- Belt. A. L. Freedlander. 2,113,561; Apr. 12.
- Belt. A. L. Freedlander. 2,121,222; June 21.
- Belt. A. L. Freedlander. 2,124,668; July 26.
- Belt. D. F. Morgan. 2,107,013; Feb. 1.
- Belt aligning idler, Automatic. L. E. Mitchell. 2,109,925; Mar. 1.
- Belt and band and their fastening, Waist and like. F. J. Bayliss. 2,137,796; Nov. 22.



- Belt and belt connector. A. L. Freedlander. 2,121,125; June 21.
- Belt and grader screen, Combination endless conveyer. N. H. Norris. 2,139,380; Dec. 6.
- Belt and making the same, Woven wire. N. W. Webb. 2,116,811; May 10.
- Belt and tape cutting machine. J. K. Diamond. 2,117,153; May 10.
- Belt, Apparel. L. Krantz. 2,136,796; Nov. 15.
- Belt applying and removing tool, Drive. M. K. Malone. 2,121,129; June 21.
- Belt centering device. E. P. Corbin. 2,109,956; Mar. 1.
- Belt connector. A. L. Freedlander and N. J. Ritzert. 2,120,698; June 14.
- Belt connector. G. I. Welsh. 2,118,750; May 24.
- Belt connector, Fiber bearing. A. L. Freedlander and N. J. Ritzert. 2,140,202; Dec. 13.
- Belt connector, Oil well. A. L. Freedlander and N. J. Ritzert. 2,140,201; Dec. 13.
- Belt, Conveyer. C. R. Bell. 2,122,052; June 28.
- Belt, Conveyer. M. Berman and T. C. Zinter. 2,121,650; June 21.
- Belt, Conveyer. R. J. Guba. 2,114,180-2; Apr. 12.
- Belt, Conveyer. H. D. Hume and J. E. Love. 2,136,363; Nov. 15.
- Belt, Conveyer. A. Loges. 2,129,853; Sept. 13.
- Belt conveyer. J. R. Madeira. 2,105,889; Jan. 18.
- Belt conveyer, Tubular. H. S. Johns. 2,108,488; Feb. 15.
- Belt cradle for roving and spinning frames. G. West. 2,121,137; June 21.
- Belt, Derrickman's safety. C. T. Lewis. 2,130,724; Sept. 20.
- Belt, Drive. O. I. Judelshon. 2,113,790; Apr. 12.
- Belt drive, Variable speed. F. Nigra. 2,106,930; Feb. 1.
- Belt, Elastic power transmission. H. P. Arnold. 2,109,717; Mar. 1.
- Belt, Fabric and rubber. B. H. Foster. 2,112,525; Mar. 29.
- Belt fastener. G. A. Carlson. 2,137,564; Nov. 22.
- Belt fastener. J. C. Olsen. 2,113,855; Apr. 12.
- Belt for paper making machines, Woven wire. H. G. Specht. 2,122,592; July 5.
- Belt for paper making machines, Woven wire. L. N. Weber. 2,132,252; Oct. 4.
- Belt, Garment control. I. Bjornson. 2,113,911; Apr. 12.
- Belt hanger. C. R. Carr. 2,141,513; Dec. 27.
- Belt, Health. L. Horowitz. 2,104,560; Jan. 4.
- Belt idler, Self-aligning. A. W. Lemmon. 2,109,923; Mar. 1.
- Belt joiner. G. A. Schieren. 2,133,720; Oct. 18.
- Belt, Lineman safety. F. Kabat. 2,127,034; Aug. 16.
- Belt loop. A. E. Hook. 2,112,897; Apr. 5.
- Belt or corset, Health. W. R. Greenfield. 2,137,838; Nov. 22.
- Belt or tube turner. B. B. Chester. 2,119,266; May 31.
- Belt package. R. E. S. Geare. 2,107,695; Feb. 8.
- Belt, Safety. E. L. Hoffman. 2,105,480; Jan. 18.
- Belt shifting apparatus. C. A. Rich. 2,132,880; Oct. 11.
- Belt, Sprocket-driven. J. D. Karle. 2,117,611; May 17.
- Belt structure, Wire fabric. R. J. Guba. 2,139,495; Dec. 6.
- Belt support. L. A. Fritsch. 2,117,309; May 17.
- Belt tightener. J. J. and M. W. O'Brien. 2,138,117; Nov. 20.
- Belt tightener. J. B. Picard. 2,111,514; Mar. 15.
- Belt tightener base. W. J. Morrill. 2,119,397; May 31.
- Belting, Fabric. G. Slayter and J. L. Tucker. 2,135,057; Nov. 1.
- Belts, chains, and the like, Tensioning driving. E. C. Hatcher. 2,112,157; Mar. 22.
- Belts, Making abrasive. J. H. Baker. 2,130,753; Sept. 20.
- Bench. L. C. Upton. 2,139,248; Dec. 6.
- Bench, Exhibition. C. A. Gehret. 2,121,658; June 21.
- Bench, Folding newspaper and sales. H. J. Bocker. 2,119,569; June 7.
- Bench or trestle, Table. M. Westwang. 2,127,899; Aug. 23.
- Bench, Plano. G. W. Smith. 2,136,325; Nov. 8.
- Bench, Pipe cutter's collapsible. A. J. Shiley. 2,110,718; Mar. 8.
- Bench, Tube push. K. Korbuly. 2,105,150; Jan. 11.
- Bench, Means for driving tube drawing. F. Kocks. 2,140,633; Dec. 20.
- Bending brake. S. Goodman. 2,128,295; Aug. 30.
- Bending brake. T. J. Kelleher. 2,132,569; Oct. 11.
- Bending machine. D. A. Lyons. 2,128,620; Aug. 30.
- Bending rolls machine. P. Parcells. 2,106,534; Jan. 25.
- Benzanthraquinone series, Compounds of the. W. L. Rintelman. 2,141,877; Dec. 27.
- Benzene and its homologues from gases containing ammonia, Extraction of. A. Schmalenbach. 2,135,356; Nov. 1.
- Benzene, Chlorination of. J. R. Mares. 2,111,860; Mar. 22.
- Benzene, Chlorination of. J. H. Reilly. 2,140,550; Dec. 20.
- Benzene compounds useful as film-strengthening agents for lubricants and producing them, Chlorinated. W. J. Marsh and J. A. Spina. 2,118,214; May 24.
- Benzene derivatives containing halogenated methyl groups and preparing them. O. Scherer, W. Schumacher, and F. Müller. 2,121,330; June 21.
- Benzenes, useful for improving the fastness of dyeings, Onium-methyl. F. Münz, K. Keller, and O. Tröskén. 2,138,113; Nov. 29.
- Benzine products from hydrogen and the oxides of carbon, Treating synthetic. F. Fischer and H. Koch. 2,128,994; Sept. 6.
- Benzoic ester plasticized composition, Benzoyl. H. A. Winkelmann. 2,140,868; Dec. 20.
- Benzol and naphthalene from gases, Removal and recovery of. A. Schmalenbach. 2,129,787; Sept. 13.
- Berry and fruit picking apparatus. J. A. Rich. 2,131,672; Sept. 27.
- Berth, Automobile collapsible. J. Knudson. 2,105,740; Jan. 18.
- Berthing device, Shock absorbing marine. E. J. Buckton. 2,120,545; June 14.
- Beryllium compounds from aluminum compounds, Separating. C. E. White and P. A. Parent. 2,110,010; Mar. 1.
- Beryllium, Production of. O. Kruh. 2,121,084; June 21.
- Revel. F. A. Weiskoff. 2,140,098; Dec. 13.
- Beverage, Carbonated. C. E. Beck. 2,107,559; Feb. 8.
- Beverage cooling and dispensing apparatus. G. S. Swem. 2,112,637; Mar. 29.
- Beverage cooling and dispensing bar. G. Christo. 2,118,724; May 24.
- Beverage container. B. H. Cooper. 2,121,118; June 21.
- Beverage dispenser. L. E. Peters and L. H. Handy. 2,127,615; Aug. 23.
- Beverage dispensing apparatus. V. R. Bennett and G. G. Budwig. 2,132,011; Oct. 4.
- Beverage dispensing bar. S. D. Levings. 2,135,821; Nov. 8.
- Beverage dispensing device. M. Kessler and J. Hader. 2,125,614; Aug. 2.
- Beverage, Method of and apparatus for dispensing. H. H. Harr. Re. 20,702; Apr. 19.
- Beverage preparation. H. C. Gore and C. N. Frey. 2,116,308; May 3.
- Beverage saving and pipe cleaning device. A. F. Kleman. 2,120,865; June 14.
- Beverages, Apparatus for dispensing. A. L. Koenig. 2,138,454; Nov. 29.
- Beverages, Manufacturing yeast fermented. H. Heuser. 2,139,408; Dec. 6.
- Beverages, Mechanism for dispensing. J. W. Cunningham. 2,137,527; Nov. 22.
- Beverages, Method and apparatus for carbonating. E. and G. G. Zahm. 2,116,939; May 10.
- Beverages, Method and apparatus for dispensing. J. Kann. 2,110,840; Mar. 8.
- Beverages, Method of and apparatus for preparing. T. L. Hartman. 2,134,787; Nov. 1.
- Beverages of reduced inebriating capacity, Alcoholic. L. Lilienfeld. 2,113,596; Apr. 12.
- Beverages, Purification of. W. D. Ramage. 2,105,700-1; Jan. 18.
- Bias cutting and wind-up apparatus. P. Gardner, F. and H. Gerstein. 2,110,856; Mar. 15.
- Bias cutting and wind-up apparatus. F. and H. Gerstein. 2,128,481; Aug. 30.
- Bibb. G. O. Breck. 2,114,589; Apr. 19.
- Bibb. M. M. Doty. 2,105,029; Jan. 11.
- Bibb seating tool. R. G. Hawker. 2,106,173; Jan. 25.
- Bicycle. J. S. Manton. 2,135,257; Nov. 1.
- Bicycle. H. W. Peace. 2,107,251; Feb. 1.
- Bicycle frame or the like. E. E. Pease. 2,132,317; Oct. 4.
- Bicycle lamp. L. M. Wiley. 2,106,231; Jan. 25.
- Bicycle lamp. L. M. Wiley. 2,124,222; July 19.
- Bicycle lock. H. F. Nelson. 2,125,170; July 26.
- Bicycle luggage carrier. E. F. Pawsat. 2,130,928; Sept. 20.
- Bicycle mechanism. F. E. Woodard. 2,109,983; Mar. 1.
- Bidder, Visible. B. A. Alderman. 2,131,132; Sept. 27.
- Bidding indicator for card tables. K. B. Holland. 2,113,049; Apr. 5.
- Bilge drainer. C. S. Briant. 2,138,368-9; Nov. 29.
- Billboard. J. Asunger. 2,118,543; May 24.
- Billfold and the like. W. H. St. Thomas and O. D. Weydener. 2,113,037; Apr. 5.
- Billet surfacing process and machine. H. Ullmer. 2,125,178; July 26.
- Billets, Making round. I. Hatcher. 2,114,302; Apr. 19.
- Bimetal and circuit breaker employing the same. O. Maseng. 2,122,603; July 5.
- Bimetal, Heat treating. H. D. Dorfmann. 2,137,078; Nov. 15.
- Bimetallic elements, Making. T. J. Smulski. 2,137,309; Nov. 22.
- Bimetallic elements, Making compound. S. R. Hood and C. F. Alban. 2,125,858; Aug. 2.
- Bimetallic sealing device. O. W. Ellis. 2,118,209; May 24.
- Bin bottom for concrete structures. A. Clever. 2,104,896; Jan. 11.
- Bin gate. M. R. Hull. 2,112,698; Mar. 29.
- Bin, Rotary. M. Redlinger. 2,115,085; Apr. 26.
- Bin, Rotatable. A. W. Mueller. 2,118,444; May 24.
- Bin structure, Display. T. M. Dunham. 2,111,846; Mar. 22.
- Binder. C. C. Crum. 2,123,846; July 12.
- Binder. A. G. Lottner. 2,109,616; Mar. 1.
- Binder. F. D. Moore. 2,139,843; Dec. 13.



- Binder. C. D. Trussell. 2,124,277; July 19.  
 Binder and mounting structure for catalogues or the like. T. M. Dunham. 2,111,845; Mar. 22.  
 Binder, Core. C. M. Saeger, Jr. 2,127,535; Aug. 23.  
 Binder for loose leaf books. T. E. Heeter. 2,113,840; Apr. 12.  
 Binder, Grain. J. Olson and M. O. Smaaladen. 2,104,374; Jan. 4.  
 Binder, Loose leaf. G. H. J. Baule. 2,133,373; Oct. 18.  
 Binder, Loose leaf. R. S. Brown. 2,120,086; June 7.  
 Binder, Loose leaf. G. S. Emery. 2,129,318; Sept. 6.  
 Binder, Loose leaf. G. E. Hamlin. 2,125,048; July 26.  
 Binder, Loose leaf. C. B. Hammen. 2,139,159; Dec. 6.  
 Binder, Loose leaf. S. G. Johnson. 2,110,366; Mar. 8.  
 Binder, Loose leaf. E. L. Krag. 2,104,046; Jan. 4.  
 Binder, Loose leaf. H. C. Lenhart. 2,104,659; Jan. 4.  
 Binder, Loose leaf. A. G. Lotter. 2,119,639; June 7.  
 Binder, Loose leaf. A. G. Lotter. 2,134,230-2; Oct. 25.  
 Binder, Loose leaf. A. M. Martin. 2,129,223; Sept. 6.  
 Binder, Loose leaf. A. W. McClure. 2,104,568; Jan. 4.  
 Binder, Loose leaf. A. W. McClure. 2,107,868-9; Feb. 8.  
 Binder, Loose leaf. G. G. Mevl. 2,116,078; May 3.  
 Binder, Loose leaf. A. T. Newell. 2,124,312; July 19.  
 Binder, Loose leaf. R. Rosen. 2,120,648; June 14.  
 Binder, Loose leaf. J. Schade. 2,105,234; Jan. 11.  
 Binder, Loose leaf. J. Schade. 2,141,410; Dec. 27.  
 Binder, Loose leaf. J. H. Talmage. 2,109,241; Feb. 22.  
 Binder, Loose leaf. R. W. Thomas. 2,114,944; Apr. 19.  
 Binder, Loose leaf. P. O. Unger. 2,108,153; Feb. 15.  
 Binder, Loose leaf. P. O. Unger. 2,127,657; Aug. 23.  
 Binder, Loose leaf. P. O. Unger. 2,129,109; Sept. 6.  
 Binder, Loose leaf. P. O. Unger and F. D. Wedge. 2,116,989; May 10.  
 Binder, Loose leaf. A. E. Viens. 2,129,799; Sept. 13.  
 Binder, Loose leaf. F. D. Wedge. 2,120,659; June 14.  
 Binder, Loose leaf. M. I. Williamson. 2,133,069; Oct. 11.  
 Binder, Loose leaf. J. W. Young. 2,139,430; Dec. 6.  
 Binder, Loose leaf shift. W. E. Haskin. 2,134,122; Oct. 25.  
 Binder or loose sheet holder. L. L. Allyn. 2,117,265; May 17.  
 Binder or loose sheet holder, Temporary. L. L. Allyn. 2,130,830; Sept. 20.  
 Binder material and producing the same, Bituminous. W. S. Smith. 2,126,419; Aug. 9.  
 Binder, Ring. C. D. Trussell. 2,124,278; July 19.  
 Binder, Spiral. G. L. Smith. 2,127,434; Aug. 16.  
 Binder, Temporary. L. Picard. 2,108,508; Feb. 15.  
 Binder, Tree ball. J. Simeone. 2,122,663; July 5.  
 Binder, Visible shift. J. H. O. Kornahrens. 2,135,943; Nov. 8.  
 Binder, Waterproof and oilproof. B. L. Postlethwaite. 2,131,750; Oct. 4.  
 Binders, Loose leaf book. E. E. H. Behnke. 2,124,282; July 19.  
 Binders, Manufacture of ring. C. D. Trussell. 2,117,262; May 10.  
 Binding construction and method. W. Grumbacher. 2,136,878; Nov. 15.  
 Binding device. C. E. Emmer. 2,123,625; July 12.  
 Binding device. C. E. Emmer. 2,141,523-4; Dec. 27.  
 Binding for shoe uppers, Edge. M. H. Moore, Jr. 2,112,706; Mar. 29.  
 Binding, Forming coil. D. Madden. 2,130,396; Sept. 20.  
 Binding, Loose leaf. A. L. Martin. 2,127,416; Aug. 16.  
 Binding machine. C. B. Nelson and I. Spinner. 2,108,136; Feb. 15.  
 Binding or binding element for books and the like. G. B. Dessart. 2,131,276; Sept. 27.  
 Binding post construction, Loose leaf. F. S. Schade. 2,105,231; Jan. 11.  
 Binding, Ski. S. Gerber. 2,108,167; Feb. 15.  
 Binding, Ski. E. Koller. 2,123,786; July 12.  
 Binding, Ski. M. S. Merrill. 2,140,757; Dec. 20.  
 Binding, Ski. L. Nashe and O. Overgaard. 2,130,693; Sept. 20.  
 Binding, Ski. G. S. Sprague. 2,116,985; May 10.  
 Binding, Spiral. W. Grumbacher. 2,123,149; July 5.  
 Binding, Spiral. W. Grumbacher. 2,134,400; Oct. 25.  
 Binocular, Rapid focusing. G. E. Chesnut, Jr. 2,105,348; Jan. 11.  
 Binocular vision, Correcting. K. N. Ogle. 2,131,232; Sept. 27.  
 Binocular vision, Testing. A. Ames, Jr., and G. H. Glendon. 2,126,713; Aug. 16.  
 Binoculars, Coin controlled. A. F. Casey. 2,131,163; Sept. 27.  
 Biologicals. H. M. Winegarden, F. W. Westfall, R. C. Hawes, and F. W. Wood. 2,125,533; Aug. 2.  
 Biscuit and the like, Apparatus for use in manufacturing. T. L. Green. 2,141,859; Dec. 27.  
 Bis-diazo-dilmino compounds. E. A. Markush, M. S. Mayzner, and J. Miller. 2,110,270; Mar. 8.  
 Bismuth alkyl phthalates. G. W. Raiziss and L. W. Clemence. 2,110,472; Mar. 8.  
 Bismuth allantoinate and making it. W. H. Engels and G. A. Stein. 2,104,738; Jan. 11.  
 Bismuth salts of a monoalkyl polycarboxylate and making them. P. L. Salzberg. 2,110,473; Mar. 8.  
 Bis (2,3-dihydroxy-naphthoyl-m-amino-phenyl) urea. S. Coffey and J. E. Schofield. 2,140,405; Dec. 20.  
 Bit; See—  
 Carving machine bit. Horse bit.  
 Core bit. Rock bit.  
 Cross roller bit. Rock or earth drill bit.  
 Deballing drill bit. Roller bit.  
 Diamond bit. Roller rock bit.  
 Disk bit. Rotary bit.  
 Drill bit. Rotary drag bit.  
 Earth boring bit. Rotatable drill bit.  
 Hole straightening or Well bit.  
 reaming bit. Well drilling bit.  
 Bit. J. T. Phipps. 2,132,493; Oct. 11.  
 Bit and holder therefor, Triple adjustment shankless tool. E. Reaney. 2,140,941; Dec. 20.  
 Bit casting means, method, and article. E. J. Bursell. 2,125,332; Aug. 2.  
 Bit construction, Well. A. C. Catland. 2,107,627; Feb. 8.  
 Bit for grading equipment, Cutting edge. T. P. Flynn and R. E. Neils. 2,138,150; Nov. 29.  
 Bit gauge and wrench, Combination mining. J. L. Knight. 2,106,749; Feb. 1.  
 Bit structure, Roller. R. R. Crum. 2,116,561; May 10.  
 Bits, Making mining machine chain cutter. F. L. Fulke. 2,137,215; Nov. 15.  
 Bitumen, Production of. K. Kell. 2,117,177; May 10.  
 Bituminous bodies, Method of and apparatus for making formed. W. Burchenal and A. J. Pfohl. 2,126,869; Aug. 16.  
 Bituminous compositions and making same. J. K. Hunt and J. H. Shipp. 2,115,775; May 3.  
 Bituminous emulsions. E. J. Bert. 2,136,667; Nov. 15.  
 Bituminous emulsions, Preparing. J. Ogden. 2,108,505; Feb. 15.  
 Bituminous emulsions, Producing. L. B. Beckwith and F. S. Scott. 2,119,732; June 7.  
 Bituminous surfacing, High tractive resistance. J. H. Conzelman. 2,134,357; Oct. 25.  
 Blackboard and easel, Collapsible. E. S. Gandrud. 2,109,723; Mar. 1.  
 Blackboard frame construction. A. M. Masters. 2,135,982; Nov. 8.  
 Blackboard instrument. C. F. Golden. 2,104,515; Jan. 4.  
 Blade adjustment mechanism. M. H. Tuft. 2,119,835; June 7.  
 Blade and packet, Protected. J. S. Currie. 2,136,939; Nov. 15.  
 Blade for airscrews and the like. C. R. Fairey. 2,135,887; Nov. 8.  
 Blade for rakes, Grubbing. B. W. Bayliss. 2,114,518; Apr. 19.  
 Blade for safety razors. B. O'Neill. 2,108,267; Feb. 15.  
 Blade haft. E. L. Lavery. 2,105,663; Jan. 18.  
 Blade holder. H. Huber. 2,107,736; Feb. 8.  
 Blade holder. G. Makaroff. 2,120,500; June 14.  
 Blade holder. H. A. Stilson. 2,141,565; Dec. 27.  
 Blade in axial direction, Automatically moving a rotating. B. Goldman. 2,115,809; May 3.  
 Blade magazine and razor. J. Muros. 2,132,798; Oct. 11.  
 Blade, Protected. J. M. Bowen. 2,119,983; June 7.  
 Blade, Protected. J. M. Bowen. 2,131,368; Sept. 27.  
 Blade, Protected. M. H. Pierce. 2,136,823; Nov. 15.  
 Blade, Protected. M. H. Pierce. 2,137,124; Nov. 15.  
 Blade sharpening machine. W. W. Hartman. 2,118,197; May 24.  
 Blade supporting means. G. Monnet. 2,128,259; Aug. 30.  
 Bladed implement. R. T. Hamel. 2,116,890; May 10.  
 Bladed structure, Rotary. R. M. Sherman and J. Carlberg. 2,111,818; Mar. 22.  
 Bladed structure, Rotary. R. M. Sherman, J. Carlberg, and G. R. Newmann. 2,111,817; Mar. 22.  
 Blades, Making helical. E. L. Bartholomew. 2,132,373; Oct. 4.  
 Blades of safety-razors, Apparatus for vibrating the. R. Jaffé. 2,112,402; Mar. 29.  
 Blank aligning mechanism and method. A. Novick. 2,107,043; Feb. 1.  
 Blank and forming press. J. H. Kindelberger. 2,127,820; Aug. 23.  
 Blank, Container. W. G. Reagan. 2,105,844; Jan. 18.  
 Blank feeder and ejector. W. W. Davidson. 2,108,799; Feb. 22.  
 Blank measuring and distributing machine. J. J. Donovan. 2,123,136; July 5.  
 Blank reversing and shaping mechanism. H. B. Jones. 2,128,186; Aug. 23.  
 Blanks for aluminum cooking vessels, Producing flat. A. F. Strack. 2,119,088; May 31.  
 Blanks for the manufacture of boxes and machine for the working of said process, Shaping and printing cardboard. H. Bobst. 2,133,801; Oct. 18.  
 Blanks from hot rolled wire stock, Apparatus for forming. W. W. Criley and F. W. Gaines. 2,126,453; Aug. 9.  
 Blanks having a lamination of varying thicknesses, Making laminated metal. R. C. Ingersoll. 2,107,330; Feb. 8.  
 Blanks, Making laminated metal. S. L. Ingersoll. 2,109,010; Feb. 22.  
 Blanks, Manufacture of headed. R. J. Cordes. 2,113,172; Apr. 5.  
 Blanks, Mechanism for controlling the feeding and advancing of. W. W. Davidson. 2,108,800; Feb. 22.  
 Blanket. A. H. Zayottl. 2,135,779; Nov. 8.  
 Blasting cap. R. F. B. Cox. 2,125,221; July 26.  
 Blasting cap, Delay electric. E. J. Hanley. 2,139,581; Dec. 6.



- Blasting cap, Electric. W. C. Hunt. 2,123,996; July 19.
- Blasting charges, Method of and device for flushing-in. K. Böll and A. Edelhoff. 2,137,261; Nov. 22.
- Bleaching and cleansing compositions. O. Lind. 2,141,189; Dec. 27.
- Bleaching and purifying process. J. L. Parsons and D. T. Jackson. 2,120,678; June 14.
- Bleaching composition. H. N. Gilbert and I. J. Wernert. 2,104,120; Jan. 4.
- Bleaching method. G. P. Vincent. 2,129,719; Sept. 13.
- Bleaching process. E. P. Sherman. 2,113,906; Apr. 12.
- Bleaching process, Continuous. E. Franz. 2,110,649; Mar. 8.
- Bleaching, washing, and cleansing compositions. H. Colonius and F. Weldes. 2,121,952; June 28.
- Blending agent and lubricant, Condensed. P. J. Wiezevich. 2,128,109; Aug. 23.
- Blending machine. F. J. Muench. 2,108,502; Feb. 15.
- Blind, Adjustable louver. P. Grau. 2,117,953; May 17.
- Blind and cylinder honing machine. F. A. Swanson. 2,108,354; Feb. 15.
- Blind construction. T. W. Holt and J. F. Levan. 2,119,011; May 31.
- Blind construction, Venetian. F. J. Burns. 2,135,795; Nov. 8.
- Blind construction, Venetian. H. K. Lorentzen. 2,114,057; Apr. 12.
- Blind head bar bracket, Venetian. J. Nisenson. 2,119,241; May 31.
- Blind head rail support, Venetian. W. J. Stuber. 2,106,074; Jan. 18.
- Blind mechanism, Venetian. H. W. Watts. 2,115,475; Apr. 26.
- Blind or screen, Adjustable. L. K. Loehr. 2,110,145; Mar. 8.
- Blind or shade, Collapsible. C. F. Allison. 2,118,134; May 24.
- Blind or shutter. E. B. Nottingham. 2,134,983; Nov. 1.
- Blind, Spring controlled Venetian. R. C. Pratt. 2,128,163; Aug. 23.
- Blind structure, Venetian. H. K. Lorentzen. 2,127,125; Aug. 16.
- Blind, Sun. A. L. Jones and D. K. Smith. 2,134,283; Oct. 25.
- Blind tilter, Venetian. H. K. Lorentzen. 2,110,710; Mar. 8.
- Blind tilting mechanism, Venetian. G. F. McKerie. 2,117,195; May 10.
- Blind, Venetian. D. J. Ajouelo. 2,141,502; Dec. 27.
- Blind, Venetian. H. G. Balthasar. 2,115,663; Apr. 26.
- Blind, Venetian. I. C. Barlow and R. A. Shields. 2,112,262; Mar. 29.
- Blind, Venetian. C. E. Clancy. 2,137,444; Nov. 22.
- Blind, Venetian. J. E. Johnson. 2,105,082; Jan. 11.
- Blind, Venetian. L. I. Kahn. 2,123,010; July 5.
- Blind, Venetian. R. Laborda and J. Carreras. 2,116,356-7; May 3.
- Blind, Venetian. L. Mintz. 2,132,991; Oct. 11.
- Blind, Venetian. D. Neumann. 2,104,907; Jan. 11.
- Blind, Venetian. J. Nisenson. 2,120,292; June 14.
- Blind, Venetian. E. M. Trammell. 2,139,781; Dec. 13.
- Blind, Venetian. W. Wade and E. North. 2,122,224; June 28.
- Blind, Window. R. C. Pratt. 2,133,113; Oct. 11.
- Blinds, Device for operating Venetian. G. Findell. 2,127,330; Aug. 16.
- Blinds, Wrapping Venetian. F. B. Reynolds. 2,120,593; June 14.
- Block: See—
- Brake block. High frequency reed block
  - Building block. Inflated hat block.
  - Butcher block. Pillow block.
  - Cleaning and polishing block. Riffle block.
  - Construction block. Roof and floor block.
  - Cutting block. Salt block.
  - Die block. Stoker grate block.
  - Electrical connection block. Tile block.
  - Flashing block. Toy building block.
  - Floor block. Tuyère block.
  - Glass building block. Ventilating building block.
  - Wall block.
- Block and construction, Building. N. Davidson. 2,104,152; Jan. 4.
- Block and jack assembly, Connecting. C. G. McCormick and P. W. Sheatsley. 2,104,434; Jan. 4.
- Block and structure formed therefrom. C. F. Sauerelsen. 2,124,084; July 19.
- Block and structure, Refractory. M. C. Neil. 2,120,000; June 7.
- Block and wall construction, Ventilated. S. Brozek. 2,137,153; Nov. 15.
- Block and wall made therefrom, Building. S. Brozek. 2,114,774; Apr. 19.
- Block floor section. B. P. Brien. 2,107,884; Feb. 8.
- Block for automobile lifts, Rear axle. R. G. Tully. 2,120,051; June 7.
- Block for illustrating chemical reactions, Valence. A. H. Bryan. 2,140,103; Dec. 13.
- Block for internal combustion engines, Built up cylinder. W. B. Brill. 2,129,906; Sept. 13.
- Block for magnetic chucks, Angle. J. Chanik. 2,113,874; Apr. 12.
- Block for pulley tackles. A. P. Schmit. 2,139,605; Dec. 6.
- Block forming machine and making hollow building blocks, Multiple cement. E. O. Blackwell. 2,133,737; Oct. 18.
- Block making apparatus. F. J. Straub. 2,111,701; Mar. 22.
- Block making machine. J. J. Holland, Jr. 2,136,009; Nov. 8.
- Block placing apparatus. A. W. Warner and R. F. Ballard. 2,128,172; Aug. 23.
- Block, rooftop, and the like, Building. L. W. Mulford. 2,111,569; Mar. 22.
- Block signaling system for railroads, Automatic. E. C. Larry and M. C. Twitchell. 2,125,243; July 26.
- Blocker, Adjustable and collapsible skirt. A. F. Maschke. 2,122,432; July 5.
- Blocker synchronizer. S. O. White. 2,134,384; Oct. 25.
- Blocking device for cash registers, bookkeeping machines, or the like. A. Klaar. 2,137,845; Nov. 22.
- Blocks, Drying wood. H. E. McKenzie. 2,120,368; June 14.
- Blocks, Joining glass. J. F. Hyde. 2,112,241; Mar. 29.
- Blocks of comestibles for freezing and product thereof, Packing. T. S. Gorton, Jr. 2,114,530; Apr. 19.
- Blood pressure testing apparatus. G. A. Snyder. 2,118,329; May 24.
- Blooms in spliced sound-on-film moving picture positive films, Apparatus for eliminating. T. J. Walsh and J. Antofilli. 2,135,684; Nov. 8.
- Blotter. F. E. Andrews. 2,120,479; June 14.
- Blotter, Roller. J. P. Owen. 2,118,939; May 31.
- Blowgun. W. S. Whittle. 2,124,937; July 26.
- Blow-out imitator and packaging the same. L. R. Hartman. 2,112,488; Mar. 29.
- Blow-out preventer. F. W. Hild. 2,113,529; Apr. 5.
- Blow-out preventer. J. W. MacClatchie. Re. 20,631; Jan. 18.
- Blow-out preventer. J. W. MacClatchie. 2,129,433; Sept. 6.
- Blow out preventer. J. W. MacClatchie. 2,132,037; Oct. 4.
- Blow-out preventer. O. C. Snell. 2,139,525-6; Dec. 6.
- Blow-out preventer. C. B. Wright. 2,138,719; Nov. 29.
- Blowpipe. J. H. Bucknam. 2,129,672; Sept. 13.
- Blowpipe. W. J. Jacobsson. 2,108,820; Feb. 22.
- Blowpipe. W. J. Jacobsson. 2,109,252; Feb. 22.
- Blowpipe. W. J. Jacobsson. 2,130,344; Sept. 20.
- Blowpipe, Flashback-resistant. W. J. Jacobsson. 2,108,819; Feb. 22.
- Blowtorch. P. C. Wright. 2,134,169; Oct. 25.
- Blowtorch and attachments. C. C. Boyd. 2,121,728; June 21.
- Blower. O. D. H. Bentley. 2,129,808; Sept. 13.
- Blower. J. G. Catranis. 2,139,112; Dec. 6.
- Blower. E. C. Fanning. 2,109,742; Mar. 1.
- Blower. W. H. Leinweber. 2,104,233; Jan. 4.
- Blower. J. E. Whitfield. 2,130,054; Sept. 13.
- Blower, Automatic fue. C. E. Iden. 2,110,364; Mar. 8.
- Blower drive and support. O. D. H. Bentley. 2,108,703; Feb. 15.
- Blower fan impeller. R. E. Bressler. 2,138,814; Dec. 6.
- Blower, gas meter, liquid meter, rotary compressor, and rotary pump, Rotary. R. Rummel. 2,122,352; June 28.
- Blower, Powder. W. B. Thompson. 2,125,251; July 26.
- Blower, Soot. N. L. Snow, W. P. Thomas, H. E. Brelsford, C. L. Howse, and F. Bowers. 2,110,532-5; Mar. 8.
- Blower structure. J. S. Losee. 2,133,460; Oct. 18.
- Blower with adjustable housing. R. L. Payne and B. B. Dunn. 2,116,539; May 10.
- Blowing device for powders. J. P. Hansen. 2,117,093; May 10.
- Bluing and souring composition, Laundry. H. B. Bishop. 2,141,589; Dec. 27.
- Board: See—
- Building board. Plaster board.
  - Bulletin board. Pulp board.
  - Cribbage board. Quotation board.
  - Display board. Reflection spotting board.
  - Diving board. Scoring board.
  - Drain board. Shirt board.
  - Drawing board. Solitaire board.
  - Electric panel board. Spelling board.
  - Folding ironing board. Splint stretcher board.
  - Game board. Spotting board.
  - Insulating board. Tabulating board.
  - Loading board. Wall cabinet board.
  - Pin board. Writing board.
- Board and bench for breakfast table, Combination ironing. I. J. Polson. 2,117,499; May 17.
- Board and crayon therefor, Marking. C. B. Chatfield. 2,112,762; Mar. 20.
- Board and drawing tool, Combination drawing. E. S. Schade. 2,139,177; Dec. 6.
- Board and the like, Drawing. A. H. Young. 2,107,049; Feb. 1.
- Board construction, Bulletin. C. F. Smith. 2,125,964; Aug. 9.
- Board for draftsmen or the like, Illuminated. D. J. Leeperance. 2,131,708; Sept. 27.
- Board for electrical devices, Detachable terminal. E. R. Fairbanks. 2,125,266; July 20.
- Board, Treating leather. J. F. Pollard. 2,121,068; June 21.



- Boards, System for laying. L. F. Urbain. 2,116,737; May 10.
- Boat. A. E. and A. A. Apel. 2,126,304; Aug. 9.
- Boat. C. S. Atwell. 2,108,574; Feb. 15.
- Boat. G. M. Hoffman. 2,134,042; Oct. 25.
- Boat. C. W. Pyle. 2,141,799; Dec. 27.
- Boat. J. A. Scruggs. 2,129,788; Sept. 13.
- Boat and similar vehicle. F. P. Smith, Jr., and H. B. Smith. 2,122,300; June 28.
- Boat, Collapsible. G. N. Raymer. 2,120,627; June 14.
- Boat construction. R. Kinte. 2,131,627; Sept. 27.
- Boat detaching apparatus. H. E. Rottmer. 2,120,923; June 14.
- Boat drive and steering mechanism, Motor. H. O. Hedges. 2,114,633; Apr. 19.
- Boat hull. J. E. Langstaff. 2,139,331; Dec. 13.
- Boat launching device, Life. J. F. Ryan. 2,120,265; June 14.
- Boat loading device. A. D. Sinden. 2,125,088; July 26.
- Boat or other vehicle. C. R. Livermon. 2,115,864; May 3.
- Boat, Pack. F. H. Jackson. 2,120,332; June 14.
- Boat propelling apparatus. H. E. Fromm. 2,130,125; Sept. 13.
- Boat propulsion. D. Roebling. 2,138,207; Nov. 29.
- Boat structure. I. Chase. 2,119,775; June 7.
- Bob for a fishing line. J. B. Gaede. 2,110,596; Mar. 8.
- Bobbin. J. L. Deters. 2,140,497; Dec. 20.
- Bobbin. G. B. Markle, Jr. 2,109,430; Feb. 22.
- Bobbin. W. J. McGeough. 2,132,990; Oct. 11.
- Bobbin and making the same. C. P. Park. 2,117,353; May 17.
- Bobbin-case controlling device. H. Pudelko. 2,138,939; Dec. 6.
- Bobbin changing loom. C. D. Brown. 2,107,466; Feb. 8.
- Bobbin enclosure for textile twisting machines. W. L. Schautz and A. L. Lewis. 2,116,543; May 10.
- Bobbin for sewing machines. C. F. Rubel. 2,116,982; May 10.
- Bobbin holder. W. H. Bahan. 2,107,847; Feb. 8.
- Bobbin holder. W. H. Bahan. 2,119,034; May 31.
- Bobbin producing machine, Thread. C. E. Boule. 2,140,046; Dec. 13.
- Bobbin stripper. L. Kleeb, Jr. 2,132,344; Oct. 4.
- Bobbin support. C. D. Brown. 2,130,062; Sept. 13.
- Bobbin supporting device. C. D. Brown. 2,130,315; Sept. 13.
- Bobbin winder for sewing machines. J. D. Karle. 2,133,921; Oct. 18.
- Bodies, Apparatus for the projection of molten pulverized. F. P. C. Benoit. 2,125,764; Aug. 2.
- Bodies, Apparatus for weighing cylindrical. E. U. Cave. 2,115,620; Apr. 26.
- Bodies, Composite metallic. C. A. Laise and J. Kurtz. 2,120,561; June 14.
- Bodies, Dense nonmetallic. J. A. Boyer and C. G. Rose. 2,109,246; Feb. 22.
- Bodies, Finishing grooved hollow metal. P. Cüppers. 2,127,809; Aug. 23.
- Bodies, Forming porous. A. M. Harvey. 2,127,867; Aug. 23.
- Bodies from cellulose products and other plastic masses, Process and apparatus for the production of hollow. K. Bratring. 2,114,794; Apr. 19.
- Bodies from hard substances, Making shaped. P. Marth. 2,116,399; May 3.
- Bodies, Guiding long flexible. W. G. Lea. 2,127,606; Aug. 23.
- Bodies in or on transparent vessels, Apparatus for detecting the presence of foreign. N. P. Stoaite. 2,137,187; Nov. 15.
- Bodies, Joining together metal. H. Bühler. 2,115,840; May 3.
- Bodies, Manufacturing, grinding, and polishing. R. Thilenius and J. Schneider. 2,113,185; Apr. 5.
- Bodies, Mechanism for fashioning hollow. B. Franghia. 2,114,596; Apr. 19.
- Bodies, Method of and apparatus for determining unbalance in rotatable. J. Sivertsen. 2,118,770; May 24.
- Bodies of glass, Molding hollow. B. Engels. 2,123,937; July 19.
- Bodies, Producing permeable. K. E. Hunt. 2,120,281; June 14.
- Body and chassis underframe, Combined. J. Ledwinka. 2,140,476; Dec. 13.
- Body and engine temperature control system for motor vehicles. W. and J. B. Lintern. 2,131,017; Sept. 20.
- Body and fender straightener. C. A. Arnholm. 2,126,526; Aug. 9.
- Body blanks for tearing strip containers, Preparing. J. M. Hothersall. 2,104,037; Jan. 4.
- Body fluids and contents, Method and apparatus for controlling the distribution and pressure of certain human. J. R. Poppen. 2,104,758; Jan. 11.
- Body for cars. R. S. Humburch. 2,108,557; Feb. 15.
- Body for vehicles, and particularly for motor vehicles, Convertible. G. A. Paulin. 2,105,293; Jan. 11.
- Body forming apparatus, Tubular. C. Butty. 2,121,901; June 28.
- Boiler. *See*—
- Double boiler. Steam boiler.
- Heating boiler. Superheater boiler.
- Humidifier boiler. Waste heat boiler.
- Range boiler. Water tube boiler.
- Boiler. C. W. Brabbée and B. Goerg. 2,141,123; Dec. 20.
- Boiler. F. R. Daly. 2,141,238; Dec. 27.
- Boiler. P. P. Frazer. 2,121,562; June 21.
- Boiler. C. J. Gaskell. 2,122,369; June 28.
- Boiler. J. F. Kelly. 2,104,229; Jan. 4.
- Boiler. H. E. Kleffel. 2,141,917; Dec. 27.
- Boiler. H. H. Peek, Sr. 2,116,211; May 3.
- Boiler. J. W. Putnam, Jr. 2,136,728; Nov. 15.
- Boiler. F. Shearer. 2,114,360; Apr. 19.
- Boiler. A. E. Watts. 2,105,801; Jan. 18.
- Boiler. W. Waudby. 2,136,175; Nov. 8.
- Boiler. W. W. Wise. 2,111,655; Mar. 22.
- Boiler and baker, Steam cooking. A. J. T. Holton. 2,107,480; Feb. 8.
- Boiler and furnace, Steam. D. Bumstead, Jr. 2,126,730; Aug. 16.
- Boiler and heat-exchanging apparatus, Rotary. J. Starziczny. 2,140,175; Dec. 13.
- Boiler and heating apparatus. A. H. and R. F. Thompson. 2,109,656; Mar. 1.
- Boiler cleaner. C. L. Howse and F. Bowers. 2,126,683; Aug. 9.
- Boiler cleaner. F. W. Linaker. 2,126,565; Aug. 9.
- Boiler cleaner. W. P. Thomas, F. Bowers, and S. F. Cox. 2,121,493; June 21.
- Boiler construction. B. D. Bruno. 2,115,614; Apr. 29.
- Boiler control for electric locomotives, Steam heating. W. S. H. Hamilton and K. B. Rowell. 2,116,943; May 10.
- Boiler drum. T. W. Bigger and F. L. Hargrove. 2,106,589; Jan. 25.
- Boiler furnace. R. M. E. O. Norguet. 2,110,422; Mar. 8.
- Boiler, furnace, or the like. J. E. Thibaudeau. 2,123,444; July 12.
- Boiler grid, Adjustable. J. E. Leonard. 2,135,309; Nov. 1.
- Boiler jacket. G. M. Maler. 2,110,841; Mar. 8.
- Boiler, more particularly oil burning sectional boiler. F. Irschik. 2,122,610; July 5.
- Boiler pressure regulator, Automatic. G. Roudanez. 2,138,941; Dec. 6.
- Boiler regulation. N. C. Price. 2,119,245; May 31.
- Boiler superheater. C. S. Turner. 2,104,937; Jan. 11.
- Boiler system. V. V. Veenschoten. 2,118,830; May 31.
- Boiler water composition. H. G. Venable. 2,111,684; Mar. 22.
- Boiler water level gauge, Illuminated. A. G. Blanchard. 2,109,348; Feb. 22.
- Boilers against caustic embrittlement, Protecting steam. H. H. Richardson. 2,104,528; Jan. 4.
- Boilers, Apparatus for the fireside cleaning of. B. M. Thompson. 2,137,253; Nov. 22.
- Boilers, Apparatus for washing and refilling. F. W. Miller. 2,135,407; Nov. 1.
- Boilers, etc., Construction of locomotive. E. H. Blunt. 2,115,407; Apr. 26.
- Boilers, Making range. P. L. Fowler. 2,123,169; July 12.
- Boilster. G. F. Albrecht. 2,104,216; Jan. 4.
- Bolster for railway cars, Truck. W. B. Stout and E. H. Wright. 2,119,062; May 31.
- Bolster spring unit. A. Lerch, Jr. 2,123,702; July 12.
- Bolt. R. E. Harmon. 2,117,717; May 17.
- Bolt actuating mechanism. C. J. Bates, Jr., and G. Del Grosso. 2,124,758; July 26.
- Bolt, Anchor. G. W. Welner. 2,117,832; May 17.
- Bolt and chain lock. F. R. West. 2,105,714; Jan. 18.
- Bolt construction. E. C. Smith. 2,124,658; July 26.
- Bolt, Emergency screw-threaded. J. Bonham. 2,132,284; Oct. 4.
- Bolt-holding construction, Frangible. F. W. Hanks. 2,138,159; Nov. 29.
- Bolt loss prevention means. F. E. Love. 2,108,316; Feb. 15.
- Bolt operating mechanism for machine guns. S. G. Green. 2,104,033; Jan. 4.
- Bolt or nut lock. C. A. Jessop. 2,139,590; Dec. 6.
- Bolt or pin and retaining member. H. G. Brokering. 2,119,520; June 7.
- Bolt, Spring lock. N. Dupuis. 2,138,843; Dec. 6.
- Bolts or the like, Apparatus for making. L. A. Frayer. 2,108,709; Feb. 15.
- Bomb. P. Liégeois. 2,137,056; Nov. 15.
- Bomb. J. B. McGay and G. E. Nicholson. 2,112,174; Mar. 22.
- Bomb, Aerial. N. N. Booker. 2,139,665; Dec. 13.
- Bomb, Practice. S. P. Huff and A. Adelman. 2,108,818; Feb. 22.
- Bomb sight. H. Raaber. 2,113,199; Apr. 5.
- Bomb sight. H. Raaber. 2,138,307; Nov. 29.
- Bomb sight and pilot director. H. B. Inglis. 2,105,147; Jan. 11.
- Bomb sighting device. G. L. Estoppey. 2,118,041; May 24.
- Bond and method of attachment for rail joints, Electric. E. A. Everett. 2,112,694; Mar. 29.
- Bond for mineral or rock wool. A. H. Fessler. 2,128,290; Aug. 30.
- Bond testing apparatus and method, Coating. O. G. Goldman. 2,113,725; Apr. 12.
- Bone pin. R. H. Schneider. 2,136,471; Nov. 15.
- Bone setting. G. W. Hawley. 2,133,859; Oct. 18.
- Bone-setting apparatus. W. L. Bell. 2,110,414; Mar. 8.
- Bones, Method of and apparatus for repairing fractured. A. A. Thomas. 2,120,446; June 14.
- Book. J. V. Cavalero. 2,138,443; Nov. 29.
- Book. R. H. Knaub. 2,121,297; June 21.



- Book assembly. S. R. Rosenthal. 2,127,619; Aug. 23.  
 Bookbinder. A. E. Bloomfield and W. E. Smith. 2,137,212; Nov. 15.  
 Bookbinding. E. C. Hazel and E. Hazel, Jr. 2,115,951; May 3.  
 Bookbinding. H. B. Martling. 2,121,505; June 21.  
 Bookbinding. J. Murray. 2,105,222; Jan. 11.  
 Bookbinding. T. J. Salsman and J. M. Marchok. 2,107,217; Feb. 1.  
 Bookbinding. J. W. Ward. 2,125,659; Aug. 2.  
 Bookbinding machine. A. N. Hanna. 2,136,773; Nov. 15.  
 Bookbinding means. R. A. Williams. 2,106,511; Jan. 25.  
 Book, Brief case. H. E. Kranhold. 2,115,993; May 3.  
 Book construction. F. S. Schade. 2,132,542; Oct. 11.  
 Book, Counter sales. E. Hano. 2,120,438; June 14.  
 Book, Coupon. B. Harris. 2,108,749; Feb. 15.  
 Book cover. M. T. Kafka. 2,105,041; Jan. 11.  
 Book cover. F. J. Osuch. 2,116,798; May 10.  
 Book cover protector. L. L. Douglas. 2,122,638; July 5.  
 Book display box. F. S. Payne and F. W. Broderick. 2,126,407; Aug. 9.  
 Book end construction. M. D. Smith. 2,140,656; Dec. 20.  
 Book holder. W. V. Johnson. 2,117,667-8; May 17.  
 Bookholder, Adjustable. F. J. Marsaglia. 2,140,805; Dec. 20.  
 Book including sheet-binding means and blanks therefor, Wire-bound. E. A. Trussell. 2,116,589; May 10.  
 Book indicator. R. Cohen. 2,136,490; Nov. 15.  
 Bookkeeping device. A. Efron. 2,134,112; Oct. 25.  
 Bookkeeping machine. E. Breitling. 2,120,390; June 14.  
 Bookkeeping machine. O. J. Sundstrand and W. A. Anderson. Re. 20,850; Sept. 6.  
 Bookmark. M. N. Lansing. 2,108,494; Feb. 15.  
 Book matches advertising medium. V. P. Williams. 2,118,634; May 24.  
 Book, Multiple payment coupon. E. A. Kelly. 2,108,314; Feb. 15.  
 Book protector. A. E. Imperatore. 2,117,559; May 17.  
 Book rack. A. Hackworth and A. S. Greive. 2,134,606; Oct. 25.  
 Book rack. W. E. Haskin. 2,112,094; Mar. 22.  
 Book rest, Collapsible portable. W. B. Robertson. 2,111,406; Mar. 15.  
 Book, Sample. D. S. Gordon. 2,121,246; June 21.  
 Book sheets, Making loose leaf. F. S. Schade. 2,135,056; Nov. 1.  
 Book signature feed. C. Schramm. 2,124,862; July 26.  
 Book, Spherical. J. A. Cresswell and C. H. Leavell. 2,117,946; May 17.  
 Book stitcher. J. J. Governale. 2,139,118; Dec. 6.  
 Book stub holder, Adjustable. S. P. Johnson. 2,127,737; Aug. 23.  
 Book support. R. H. Draeger. 2,125,895; Aug. 9.  
 Book support. R. H. Draeger. 2,128,920; Sept. 6.  
 Book support, Collapsible universal. S. L. Carr. 2,104,072; Jan. 4.  
 Booklet and cover means. S. D. Light. 2,138,496; Nov. 29.  
 Booklet, Cigarette paper. W. F. Grupe. 2,132,340; Oct. 4.  
 Booklet or like printed article. J. J. Murray. 2,113,117; Apr. 5.  
 Booklets, catalogues, or the like, Binding of. A. E. Perkins. 2,119,511; June 7.  
 Books and ledgers, Reconditioning old. M. R. Hultman. 2,121,800; June 28.  
 Books, Binding. C. J. H. Anderson. 2,106,419; Jan. 25.  
 Books, Binding. D. Madden. 2,112,991; Apr. 5.  
 Books, Check and like. F. R. Ferguson. 2,139,889; Dec. 13.  
 Boom. R. H. Zellman. 2,110,753; Mar. 8.  
 Booster for pressure regulators. J. E. Fields. 2,112,438; Mar. 29.  
 Booster switch system. M. F. Peters. 2,110,171; Mar. 8.  
 Boot. M. Murr, Jr. 2,124,310; July 19.  
 Boot, Hip. W. J. Gruner. 2,130,682; Sept. 20.  
 Boot for universal joints. S. Crossland. 2,134,358; Oct. 25.  
 Boot or shoe and making the same. S. Bown. 2,107,725; Feb. 8.  
 Boot or shoe, Orthopedic. A. Förster and L. Ruckert. 2,136,815; Nov. 15.  
 Boot, Riding. J. Alesci. 2,132,066; Oct. 4.  
 Boot, Sport. E. Matthias and G. Testa. 2,109,751; Mar. 1.  
 Boot tree. E. J. Baas. 2,105,395; Jan. 11.  
 Boot tree. L. De Wolf. 2,114,677; Apr. 19.  
 Boots and shoes, Making. L. H. Gilbert. 2,123,567; July 12.  
 Booth, Communication. H. F. Weiss. 2,141,117; Dec. 20.  
 Booth, Display. H. R. Hoke. 2,109,588; Mar. 1.  
 Booth, Spray. J. E. Ludwig. 2,119,282; May 31.  
 Booth, Spray. J. E. Ludwig. 2,132,826; Oct. 11.  
 Booth, Telephone. W. A. Gullicksen. 2,140,474; Dec. 13.  
 Booth, Telephone. F. A. Kuntz. 2,104,425; Jan. 4.  
 Bootleg, Railway. H. L. Bone. 2,118,148; May 24.  
 Bootleg, Railway. H. L. Bone. 2,135,741; Nov. 8.  
 Borates, Fusing. F. A. Belk. 2,124,101; July 19.  
 Borax, Granular nonviscous dehydrated. T. M. Cramer and G. A. Connell. 2,131,793; Oct. 4.  
 Borax, Producing granular. H. D. Hellmers. 2,115,771; May 3.  
 Borax, Production of. P. T. Dolley. 2,105,109; Jan. 11.  
 Bore hole, Method and apparatus for deflecting a. D. Ragland. 2,114,476; Apr. 19.  
 Bore hole surveying apparatus and method. G. Malmgren. 2,116,120; May 3.  
 Bore holes, Means for use in the rotary drilling of. L. W. Rogers. 2,123,344; July 12.  
 Boric oxide, Producing crystalline. L. McCulloch. 2,137,058; Nov. 15.  
 Boring apparatus. M. J. Wurzinger. 2,122,332; June 28.  
 Boring apparatus, Rotary. R. H. D. Challacombe. 2,118,490; May 24.  
 Boring bar. F. Walther. 2,108,699; Feb. 15.  
 Boring head. J. R. Yotta. 2,120,638; June 14.  
 Boring machine. I. H. Ihm and C. F. Tuttle. 2,117,327; May 17.  
 Boring machine. H. W. Zimmerman. 2,129,485; Sept. 6.  
 Boring mechanism, Hydraulic. T. Seifer. 2,108,946; Feb. 22.  
 Boring tool. M. Holhut. 2,115,952; May 3.  
 Boring tool. C. J. Oxford and J. Nelson. 2,120,622; June 14.  
 Boring tool. B. F. Rosenberg. 2,105,757; Jan. 18.  
 Boring tool. R. T. Royce. 2,115,319; Apr. 26.  
 Boron alloy. A. G. de Golyer. 2,126,743; Aug. 16.  
 Boron carbide composition, Making a. J. A. Boyer. 2,124,538; July 26.  
 Boron compounds, Heating of. E. Noack and F. Schubert. 2,140,029; Dec. 13.  
 Boron fluoride, Preparation of. D. J. Loder. 2,135,460; Nov. 1.  
 Bottle. R. A. Patterson. 2,135,239; Nov. 1.  
 Bottle and can container. P. J. Swofford. 2,115,654; Apr. 26.  
 Bottle and carbonator, Combined siphon. D. E. Bowman. 2,117,271; May 17.  
 Bottle and companion fountain pen, Combination ink. H. G. Haas. 2,107,700; Feb. 8.  
 Bottle and device therefor, Feeding. C. Hughes. 2,107,442; Feb. 8.  
 Bottle and jar capping machine. F. L. Darling. 2,115,062; Apr. 26.  
 Bottle and like containers, Nonrefillable. C. W. Johnson. 2,125,790; Aug. 2.  
 Bottle and nipple therefor, Nursing. R. C. Tarrant. 2,105,170; Jan. 11.  
 Bottle breaker. S. Rosen. 2,125,651; Aug. 2.  
 Bottle breaking device. W. L. M. Legg. 2,137,191; Nov. 15.  
 Bottle breaking tool. E. A. Mirz. 2,138,931; Dec. 6.  
 Bottle cap. A. E. Esposito. 2,134,178; Oct. 25.  
 Bottle cap. W. E. Gloor. 2,105,768; Jan. 18.  
 Bottle cap. M. Kaneshige. 2,114,925; Apr. 19.  
 Bottle cap. S. D. Selwyn. 2,130,511; Sept. 20.  
 Bottle cap closure. G. W. Alexander. 2,130,609; Sept. 20.  
 Bottle cap, Nonmetallic. S. H. A. Young. 2,141,834; Dec. 27.  
 Bottle capping device. A. J. Jonsson. 2,122,864; July 5.  
 Bottle capping machine. L. E. Fagan and A. B. Mojonnier. 2,138,271; Nov. 29.  
 Bottle capping machine. E. N. Lowry. 2,118,710; May 24.  
 Bottle capping machine. O. N. Tevander. 2,126,840; Aug. 16.  
 Bottle capping machine. G. B. West. 2,110,898; Mar. 15.  
 Bottle carrier. T. M. Stevens. 2,133,877; Oct. 18.  
 Bottle closure. F. J. Davis. 2,141,174; Dec. 27.  
 Bottle closure. M. Krueger. 2,127,776; Aug. 23.  
 Bottle closure. W. R. Sheldon and J. F. Meehan, Jr. 2,124,638; July 26.  
 Bottle closure and dispensing device. J. C. Windbiel. 2,105,023; Jan. 11.  
 Bottle closure and liquid dispenser, Combined. Le R. P. Root and F. O. Killorin. 2,105,202; Jan. 11.  
 Bottle collar. L. P. Neher. 2,135,830; Nov. 8.  
 Bottle collar. L. P. Neher. 2,139,031; Dec. 6.  
 Bottle corking machine. W. H. Simpson and B. L. Bailie. 2,117,041; May 10.  
 Bottle destroying device. A. L. Anderson. 2,115,400; Apr. 26.  
 Bottle dispenser, Coin-controlled. R. E. Baker and C. L. Amburn. 2,114,246; Apr. 12.  
 Bottle filler, Carbonated water. R. J. Dowling and C. D. Davidson. 2,115,013; Apr. 26.  
 Bottle filling and gassing machine. J. Kantor. 2,140,187; Dec. 13.  
 Bottle filling apparatus. J. Kantor. 2,118,436; May 24.  
 Bottle filling apparatus. B. A. Leo. 2,126,563; Aug. 9.  
 Bottle filling mechanism. A. J. Lippold. 2,122,149; June 28.  
 Bottle heater. J. A. Martin. 2,137,676; Nov. 22.  
 Bottle holder. P. E. Allen. 2,131,716; Nov. 1.  
 Bottle holder. F. Benedict. 2,128,114; Aug. 23.  
 Bottle holder. C. K. Hawley. 2,116,148; May 3.  
 Bottle holder. E. V. Johnson. 2,126,639; Aug. 9.  
 Bottle hooding machine. D. Ray. 2,124,674; July 26.  
 Bottle labeling machine. J. O. Fenner. 2,106,997; Feb. 1.  
 Bottle lock. L. P. Barlow. 2,110,285; Mar. 8.  
 Bottle, Milk. C. E. Anderson. 2,109,629; Mar. 1.  
 Bottle, Nonemptying. L. L. Lewis. 2,115,301; Apr. 26.  
 Bottle, Nonemptying. L. L. Lewis. 2,119,463; May 31.



- Bottle, Nonrefillable. M. J. Duffy. 2,128,922; Sept. 6.  
 Bottle, Nonrefillable. E. Halperin. 2,128,558; Aug. 30.  
 Bottle, Nonrefillable. L. A. Inlein. 2,139,020; Dec. 6.  
 Bottle, Nonrefillable. J. Nozar, Sr. 2,116,447; May 3.  
 Bottle, Nonrefillable. J. A. Patterson. 2,107,083; Feb. 1.  
 Bottle, Nonrefillable. W. R. Sheldon and J. F. Meehan, Jr. 2,125,321; Aug. 2.  
 Bottle, Nonresealable. W. H. Swenarton. 2,131,988; Oct. 4.  
 Bottle, Nursing. L. R. DeBuys. 2,110,928; Mar. 15.  
 Bottle or container of paper, wood pulp, or the like. J. W. Wheeler. 2,138,718; Nov. 29.  
 Bottle, Paper milk. C. L. Baker. 2,125,417; Aug. 2.  
 Bottle, Paper milk. C. H. Berry. 2,132,672; Oct. 11.  
 Bottle, Paper milk. H. T. Snyder. 2,135,855; Nov. 8.  
 Bottle positioning means. G. J. Meyer. 2,111,797; Mar. 22.  
 Bottle rack. C. E. Hinkle. 2,110,299; Mar. 8.  
 Bottle refrigerating and vending machine. W. E. Port. 2,112,448; Mar. 29.  
 Bottle transfer device. W. A. Joplin. 2,123,363; July 12.  
 Bottle valve. J. W. Wandell. 2,108,933; Feb. 22.  
 Bottle vending machine. L. L. Giannini. 2,138,232; Nov. 29.  
 Bottle washer. T. T. Wilkinson and S. D. Boughton. 2,119,191; May 31.  
 Bottle washing apparatus. S. E. Lannmark. 2,140,589; Dec. 20.  
 Bottle washing machine. A. E. Ladewig and G. F. Soelch. 2,108,227; Feb. 15.  
 Bottle washing machine. A. E. Ladewig and G. F. Soelch. 2,124,423; July 19.  
 Bottle, Wafer. M. B. Reach. 2,111,731; Mar. 22.  
 Bottles and like articles, Method of and apparatus for decorating. C. Cone. 2,132,818; Oct. 11.  
 Bottles, Apparatus for filling and closing. R. B. Lewis and J. Reuther. 2,126,998; Aug. 16.  
 Bottles, Device for breaking. A. R. Lofstrand, Sr. 2,135,404; Nov. 1.  
 Bottles, Device for breaking. J. Moreng. 2,113,593; Apr. 12.  
 Bottles, Hood capping. R. F. Huntley. 2,133,861; Oct. 18.  
 Bottles, Hooding, filling, and capping milk. W. G. Foard, Jr. 2,108,114; Feb. 15.  
 Bottles, Making. R. J. Held. 2,116,199; May 3.  
 Bottom filling machine. S. J. Finn. 2,125,156; July 26.  
 Bottom for boats, Air cushion. J. B. Sawyer. 2,110,512; Mar. 8.  
 Boudoir accessory. A. S. Donaldson. 2,120,834; June 14.  
 Bow. G. Flatto. 2,105,436; Jan. 11.  
 Bow and arrow construction. O. R. Smith. 2,125,591; Aug. 2.  
 Bow, Archer's. F. J. Zima. 2,116,650; May 10.  
 Bow construction for an automobile roof. F. J. Plym and J. G. Hoffer. 2,138,508; Nov. 29.  
 Bow, Hat. O. Regen. 2,131,751; Oct. 4.  
 Bow straightening apparatus. F. J. Stevens. 2,137,252; Nov. 22.  
 Bowden control, Hydraulic. H. H. Kerr, Jr. 2,109,114; Feb. 22.  
 Bowl, Centrifugal. G. J. Strezynski. 2,141,025; Dec. 20.  
 Bowl, Closet. F. J. Wolf. 2,121,940; June 28.  
 Bowl, Flush. D. W. McNeill. 2,116,527; May 10.  
 Bowl hanger. H. A. Smith. 2,122,730; July 5.  
 Bowl, Mixing. S. H. Slobodkin. 2,121,165; June 21.  
 Bowl structure, Flush. D. W. McNeill. 2,116,528-9; May 10.  
 Bowl, Ventilated toilet. W. Herrmann. 2,122,687; July 5.  
 Bowling alley. J. R. Kaiserman. 2,138,423; Nov. 29.  
 Bowling pin. K. Kraft. 2,105,045; Jan. 11.  
 Box: See—  
   Annealing box. Match box.  
   Battery box. Meter box.  
   Book display box. Milk bottle box.  
   Cake box. Milk box.  
   Channel-vented box. Outlet box.  
   Chick box. Packing box.  
   Cigar box. Paint box.  
   Coin collection box. Paper box.  
   Collapsible box. Powder and puff box.  
   Comb box. Powder box.  
   Dispensing box. Pull-out switch box.  
   Display and dispensing box. Reclosable box.  
   Display box. Roll top box.  
   Double-walled box. Safety switch box.  
   Easel box. Sample box.  
   Electric switch box. Shoe box.  
   Fire alarm box. Sign box.  
   Fire box. Spear or arrow shaped box.  
   Fish tackle box. Stamp and label box.  
   Folding box. Stuffing box.  
   Hat box. Switch box.  
   Journal box. Terminal box.  
   Junction box. Typewriter box.  
   Mail box. Vanity box.  
   Make-up box. Watch display box.  
 Box. P. F. Boeye. 2,112,433; Mar. 29.  
 Box. P. F. Boeye. 2,116,336; May 3.  
 Box. J. P. Brunt and E. E. Maston. 2,106,907; Feb. 1.  
 Box. W. J. De Witt. 2,113,683; Apr. 12.  
 Box. W. J. De Witt. 2,125,856; Aug. 2.  
 Box. A. and D. Di Domenico. 2,115,417; Apr. 26.  
 Box. C. E. and W. F. Gruber. 2,105,243; Jan. 11.  
 Box. R. Guyer. 2,114,422; Apr. 19.  
 Box. E. C. Mulinix. 2,115,782; May 3.  
 Box. F. R. Neely. 2,139,845; Dec. 13.  
 Box. A. A. Schlegel. 2,106,663; Jan. 25.  
 Box. C. A. Stopper. 2,133,590; Oct. 18.  
 Box. D. Sullivan. 2,108,300; Feb. 15.  
 Box. A. W. D. Weis. 2,141,324; Dec. 27.  
 Box and handle. L. Bronstein. 2,138,336; Nov. 28.  
 Box and blank for producing the same, Paper. N. E. Funk. 2,130,488-9; Sept. 20.  
 Box and box blank. J. T. Curtis. 2,105,025; Jan. 11.  
 Box and clamp, Electrical outlet. T. E. Cassey. 2,124,541; July 26.  
 Box and incubator, Drying. H. Brüning and O. Schüller. 2,112,731; Mar. 29.  
 Box and lid therefor, Journal. N. E. Flodin and T. R. Weber. 2,126,546; Aug. 9.  
 Box and manufacture thereof, Composite. F. R. Neely. 2,105,359; Jan. 11.  
 Box and the like, Packing. T. R. Winchell. 2,114,643; Apr. 19.  
 Box and truck frame construction, Journal. R. G. Anderson. 2,112,730; Mar. 29.  
 Box band stretching and sealing tool. B. N. Bletso and M. H. Stratton. 2,118,757; Apr. 12.  
 Box body, Foldable. I. M. Rudowitz. 2,120,871; June 14.  
 Boxcar. W. R. Elsey and W. J. Meyer. 2,114,763; Apr. 19.  
 Boxcar. W. L. Thomas. Re. 20,811; July 26.  
 Box conditioner, Suction. H. G. Specht and N. W. Webb. 2,128,023; Aug. 23.  
 Box construction. B. R. Lewis. 2,106,302; Jan. 25.  
 Box construction, Chick. L. Magers. 2,135,140; Nov. 1.  
 Box construction for heat treatment and the like, Gas sealing. W. Howell. 2,117,423; May 17.  
 Box construction, Outlet. C. W. Ketrion. 2,113,918; Apr. 12.  
 Box divider. M. Davitt. 2,140,001; Dec. 13.  
 Box dumping machine. H. J. Mintert and J. B. Tate. 2,119,596; June 7.  
 Box ejector. G. C. Paxton. 2,121,820-1; June 28.  
 Box end. E. I. Tripp. 2,116,331; May 3.  
 Box erecting appliance. H. A. Inman. 2,129,177; Sept. 6.  
 Box fastener machine. A. J. Lewis. 2,138,495; Nov. 29.  
 Box feeding mechanism. F. Stebler and G. P. Marsden.  
 Box for liquid pumps, Stuffing. W. Wenzel. 2,131,927; Oct. 4.  
 2,128,972; Sept. 6.  
 Box for looms, Shuttle. W. H. Bahan. 2,105,578; Jan. 18.  
 Box for packaging cigarettes. C. W. Müller. 2,113,277; Apr. 5.  
 Box for pencils and the like. R. E. Lowey. 2,133,710; Oct. 18.  
 Box for pole vaulting, Take-off. F. E. Austin. 2,110,254; Mar. 8.  
 Box forming and wrapping system. J. S. Stokes. 2,111,700; Mar. 22.  
 Box forming machine. W. E. Pope. 2,110,423; Mar. 8.  
 Box front construction for cotton linters, Roll. C. R. Carr. 2,112,436; Mar. 29.  
 Box intended to be vacuumized, or like container, Tin. A. F. Cowan. 2,117,151; May 10.  
 Box, lid, or the like, Paper. C. L. Clafl. 2,132,776; Oct. 11.  
 Box ladder and strapper, Combined. H. E. Twomley. 2,114,729; Apr. 19.  
 Box ladder, Automatic. H. Paxton. 2,114,724; Apr. 19.  
 Box ladder feed. H. Paxton. 2,128,963; Sept. 6.  
 Box lidding and stamping machine. H. Paxton. 2,119,053; May 31.  
 Box lidding machine. H. E. Twomley. 2,129,974; Sept. 13.  
 Box lifter. F. Olstad. 2,109,927; Mar. 1.  
 Box loom. W. Price. 2,134,953; Nov. 1.  
 Box machine. W. T. Bailey. 2,119,980; June 7.  
 Box making apparatus. C. G. Hayes. 2,108,334; Feb. 15.  
 Box making apparatus and method, Paper. H. W. Greigore. 2,120,214; June 7.  
 Box making machine. C. Kemp. 2,113,052; Apr. 5.  
 Box making machine. A. L. Rosenmund. 2,131,971; Oct. 4.  
 Box making machine. G. B. Scheffey. 2,105,375; Jan. 11.  
 Box-making machine. G. Seifert. 2,109,359; Feb. 22.  
 Box making machine. C. M. Stitt. 2,105,620; Jan. 18.  
 Box making machine and method of folding, Paper. E. G. Staudé. 2,117,460; May 17.  
 Box manufacture. F. R. Neely. 2,110,307; Mar. 8.  
 Box nailing machine. R. G. Taylor. 2,111,081; Mar. 15.  
 Box nailing machine. H. E. Twomley. 2,109,581; Mar. 1.  
 Box or carton. F. J. Schleicher. 2,119,360; May 31.  
 Box or carton and blank therefor. W. H. Well. 2,128,197; Aug. 23.  
 Box or carton, Collapsible. G. C. Nydegger. 2,113,854; Apr. 12.  
 Box or carton, Packing. R. E. Rutledge. 2,110,681; Mar. 8.  
 Box or like container intended to be vacuumized, Tin. A. L. Stuchbery. 2,117,228; May 10.



- Box or receptacle. W. F. Best and W. Kremer. 2,105,179; Jan. 11.
- Box or receptacle, stacking and nesting. W. F. Best and W. Kremer. 2,112,451; Mar. 29.
- Box plate, Adjustable. J. M. Tuten. 2,106,559; Jan. 25.
- Box press. H. E. Twomley. 2,109,040; Feb. 22.
- Box section beam. E. J. W. Ragsdale and A. G. Dean. 2,125,690; Aug. 2.
- Box stacking machine. H. C. Pierce. 2,113,926; Apr. 12.
- Box structure. J. Meier. 2,130,019; Sept. 13.
- Box structure. N. P. Van Wingen. 2,111,376; Mar. 15.
- Box structure for car windows, Curtain. J. Schunk. 2,114,817; Apr. 19.
- Box structure, Post office. F. E. Sagendorph, 2nd, and C. E. Baittinger. 2,128,854; Aug. 30.
- Box toes softener. R. St. Hilaire. 2,122,849; July 5.
- Boxes and box covers, Apparatus for making. M. Mednick and M. Eula. 2,132,859; Oct. 11.
- Boxes, Forming. J. S. Stokes. 2,111,157; Mar. 15.
- Boxes, Forming electrical conduit outlet. C. S. Brown. 2,113,675; Apr. 12.
- Boxes, Handling and collapsing paper. K. W. Macdonald. 2,138,766; Nov. 29.
- Boxes, Making. G. B. Scheffey. 2,105,270; Jan. 11.
- Boxes, Making collapsible. H. S. Hinkle. 2,126,774; Aug. 16.
- Boxes, Making folding. R. W. Hoag. 2,139,268; Dec. 6.
- Boxes, Making wirebound. W. F. Newhouse. 2,115,869; May 3.
- Boxes, Manufacture of. A. M. Kamper. 2,111,474; Mar. 15.
- Boxes, Method and machine for making locked corner. M. H. Sidebotham. 2,112,121; Mar. 22.
- Boxes, Method of and apparatus for wrapping. E. G. Rider. 2,115,539; Apr. 26.
- Boxes, Method of and machine for manufacturing. P. W. Dietmann. 2,125,430; Aug. 2.
- Boxing machine and method, Packet. R. S. Pullen. 2,141,448; Dec. 27.
- Boxing machine, Can. W. D. Kimball, G. I. Braren, and G. P. Schaefer. 2,127,924; Aug. 23.
- Brace. P. Gallett. 2,139,187; Dec. 6.
- Brace, Adjustable hand. R. W. Roberts. 2,112,577; Mar. 29.
- Brace, Adjustable rail. C. W. Breed and G. R. Burkhardt. 2,139,930; Dec. 13.
- Brace and tie plate, Combined. F. D. Spencer. 2,130,972; Sept. 20.
- Brace, Fence post. J. O. Trall. 2,107,589; Feb. 8.
- Brace, Leg. N. R. Wagner. 2,107,095; Feb. 1.
- Brace, Road joint. E. C. Robertson. 2,121,302; June 21.
- Brace, Trestle. F. E. Manley. 2,105,979; Jan. 18.
- Brace, Walking. G. W. Ahler. 2,111,018; Mar. 15.
- Bracing for metallic structures, Diagonal. E. L. Soule. 2,126,511; Aug. 9.
- Bracelet. P. Manickas. 2,114,930; Apr. 19.
- Bracelet and knitting yarn holder, Combination. A. M. Bekan. 2,125,267; Aug. 2.
- Bracelet and making the same. P. J. Bellavance. 2,108,247; Feb. 15.
- Bracelet attachment. A. B. Goulden. 2,142,023; Dec. 27.
- Bracelet extension. S. O. Myrberg. 2,110,936; Mar. 15.
- Bracelet or other jewel. G. Bezault. 2,120,308; June 14.
- Bracelet or other jewel. G. Bezault. 2,120,348; June 14.
- Bracelet structure. E. G. Carlson. 2,138,570; Nov. 29.
- Bracelet, Wrist watch. M. Lauff. 2,119,436; May 31.
- Bracket: See—
- Adjustable bracket. Lock bracket.
- Blind head bar bracket. Orthodontia bracket.
- Clamp bracket. Outboard motor bracket.
- Combination ladder bracket. Scaffold bracket.
- Curtain and shade bracket. Shelf bracket.
- Curtain rod bracket. Shock absorber bracket.
- Door check bracket. Showcase bracket.
- Glare shield bracket. Sign bracket.
- Hair clamp and supporting bracket. Supporting bracket.
- Insulator bracket. Thread cleaner bracket.
- Tractor attaching bracket.
- Window shade bracket.
- Wire spacing bracket.
- Bracket. H. Davies. 2,108,196; Feb. 15.
- Bracket. C. I. Barill. 2,126,953; Aug. 16.
- Bracket. J. Fischer. 2,121,144; June 21.
- Bracket. V. L. Vendope. 2,131,270; Oct. 25.
- Bracket and headboards for Venetian blinds. J. K. Heymer. 2,117,167; May 10.
- Bracket and insulator, Pole. F. Ricknese. 2,107,594; Feb. 8.
- Bracket attachment for automobiles. J. W. McMillen. 2,110,443; May 3.
- Bracket for a movable half window screen, Slide. J. Alexander. 2,113,125; Apr. 5.
- Bracket for a Venetian blind head bracket, End supporting. J. M. Nordstrom, Jr., and J. N. Kirch. 2,138,502; Nov. 20.
- Bracket for automobile robe rails, door handles, grip cords, or the like. A. Claud Mantle. 2,114,059; Apr. 12.
- Bracket for awning blinds. C. J. Hesse. 2,110,972; May 10.
- Bracket for containers. R. W. Hormann. 2,110,570; May 10.
- Bracket for electric lamp. H. W. Hapman. 2,117,884; May 17.
- Bracket for hearses, Flower basket. E. L. Schofield. 2,138,647; Nov. 29.
- Bracket for knitting machines, Bumper. R. H. Lawson and A. Gagné. 2,116,632; May 10.
- Bracket for ladders, Foot extension. W. H. Marvin. 2,115,395; Apr. 26.
- Bracket for ladders, Platform. S. J. Harding. 2,104,987; Jan. 11.
- Bracket for releaser milker systems. F. G. Hodsdon. 2,125,344; Aug. 2.
- Bracket for winding machines, Spool. H. W. Taylor. 2,114,972; Apr. 19.
- Bracket for wire. G. C. Neck. 2,113,489; Apr. 5.
- Bracket gutter hanger. S. Steckler. 2,132,587; Oct. 11.
- Bracket jack. R. Robison and G. H. Mosel. 2,124,314; July 19.
- Braid former. W. J. Croft, Jr. 2,121,071; June 21.
- Braid, Method and apparatus for producing. C. J. Busch. 2,106,674; Jan. 25.
- Braid, Tubular. W. Huppert. 2,114,274; Apr. 12.
- Braiding machine. A. Petersen. 2,122,291; June 28.
- Brake: See—
- Adjusting brake. Hydraulic brake.
- Air brake. Hydrodynamic brake.
- Automatically adjustable brake. Hydropneumatic brake.
- Bending brake. Internal brake.
- Car brake. Internally expanding brake.
- Clasp brake. Magnetic track brake.
- Coaster brake. Motor vehicle brake.
- Dough brake. Multiple shoe brake.
- Electric and pneumatic brake. Parking brake.
- Electrodynamic and pneumatic brake. Quick relining brake.
- Electro-pneumatic brake. Rail brake.
- Empty and load brake. Roller skate brake.
- Engine brake. Safety control brake.
- Fifth wheel brake. Self-adjusting brake.
- Fish reel brake. Self-adjusting hydraulic brake.
- Fluid brake. Shoe brake.
- Fluid pressure brake. Sled brake.
- Fluid-pressure operated brake. Speed controlled brake.
- Flywheel brake. Thread guide brake.
- Friction brake. Trip controlled brake.
- Hand brake. Unit cylinder clasp brake.
- Variable load brake.
- Vehicle brake.
- Brake. H. G. Axtmann. 2,111,503; Mar. 15.
- Brake. H. G. Axtmann. 2,137,522; Nov. 22.
- Brake. R. A. Babel. 2,130,868; Sept. 20.
- Brake. V. Bendix. 2,140,731; Dec. 20.
- Brake. E. E. Benedict. 2,109,582; Mar. 1.
- Brake. A. H. Bennett. 2,107,685; Feb. 8.
- Brake. L. Bertrand. 2,114,672; Apr. 19.
- Brake. C. S. Bragg and V. W. Kliersrath. 2,134,502; Oct. 25.
- Brake. A. B. Cadman. 2,106,717; Feb. 1.
- Brake. W. A. Carnes. 2,135,796; Nov. 8.
- Brake. E. G. Carroll. 2,124,762; July 26.
- Brake. E. G. Carroll. 2,137,525; Nov. 22.
- Brake. E. G. Carroll. 2,140,733; Dec. 20.
- Brake. E. G. Carroll and C. H. Taylor. 2,104,735; Jan. 11.
- Brake. E. G. Carroll and C. H. Taylor. 2,124,761; July 26.
- Brake. W. L. Clouse. 2,109,940; Mar. 1.
- Brake. O. F. Compton. 2,111,755; Mar. 22.
- Brake. R. B. Cottrell. 2,131,703; Sept. 27.
- Brake. H. F. Doty. 2,110,291; Mar. 8.
- Brake. C. L. Eksergian and R. B. Temple. 2,140,261; Dec. 13.
- Brake. B. R. Ellis. 2,127,557; Aug. 23.
- Brake. T. L. Fawick. 2,109,722; Mar. 1.
- Brake. O. H. Fowler. 2,111,320; Mar. 15.
- Brake. F. C. Frank. 2,127,725; Aug. 23.
- Brake. F. C. Frank. 2,131,509; Oct. 25.
- Brake. D. L. Gallup. 2,118,188; May 24.
- Brake. R. A. Goepfrich. 2,111,321; Mar. 15.
- Brake. R. A. Goepfrich. 2,127,801; Aug. 23.
- Brake. R. A. Goepfrich. 2,110,741; Dec. 20.
- Brake. H. W. Gouldthorpe. 2,110,663; Mar. 8.
- Brake. P. E. Hall. 2,131,512; Oct. 25.
- Brake. J. G. Hawley. 2,116,515; May 10.
- Brake. J. F. Higbee. Re. 20,744; May 31.
- Brake. L. E. Hodges. 2,127,030; Aug. 16.
- Brake. G. H. Hunt. 2,105,323; Jan. 11.
- Brake. P. Karak and A. O. Stone. 2,132,480; Oct. 11.
- Brake. L. D. Kay. 2,110,174; May 3.
- Brake. V. W. Kliersrath. 2,110,750; Dec. 10.
- Brake. L. E. La Brie. 2,105,046; Jan. 11.
- Brake. L. E. La Brie. 2,110,935; Mar. 15.
- Brake. L. E. La Brie. 2,121,781; July 26.
- Brake. L. E. La Brie. 2,127,739; Aug. 23.
- Brake. L. E. La Brie. 2,110,741; Dec. 20.
- Brake. M. La Londe. 2,137,991; Nov. 22.
- Brake. L. S. Lauer. 2,131,511; Oct. 25.
- Brake. M. P. Laurent. 2,136,111; Nov. 8.
- Brake. H. List. 2,119,819; June 7.
- Brake. E. F. Loweck. 2,131,794; Nov. 1.
- Brake. W. H. Parnell. 2,128,013; Aug. 23.
- Brake. H. T. Pfeiffer. 2,123,379; July 12.
- Brake. C. C. Pieper. 2,141,723; Dec. 27.



- Brake. R. C. Pierce. 2,115,083; Apr. 26.  
 Brake. G. W. Pontius. 2,111,297; Mar. 15.  
 Brake. C. Press. 2,105,297; Jan. 11.  
 Brake. C. Press. 2,109,091; Feb. 22.  
 Brake. C. Press. 2,118,106; May 24.  
 Brake. C. Press. 2,130,857; Sept. 20.  
 Brake. C. H. Robb. 2,109,709; Mar. 1.  
 Brake. G. P. Roberts. 2,105,298-9; Jan. 11.  
 Brake. G. P. Roberts. 2,111,330; Mar. 15.  
 Brake. G. P. Roberts. 2,140,971; Dec. 20.  
 Brake. P. Ruffino. 2,108,235; Feb. 15.  
 Brake. R. C. Russell. 2,122,296; Jan. 28.  
 Brake. R. S. Sanford. 2,111,335; Mar. 15.  
 Brake. R. S. Sanford. 2,140,768; Dec. 20.  
 Brake. A. A. and A. A. Schramm. 2,108,180; Feb. 15.  
 Brake. M. Stewart. 2,105,867; Jan. 18.  
 Brake. B. A. Swennes. 2,107,091; Feb. 1.  
 Brake. R. C. L. P. Turgot. 2,111,304; Mar. 15.  
 Brake. G. Waller. 2,113,608; Apr. 12.  
 Brake. A. J. Weatherhead. 2,131,459; Sept. 27.  
 Brake. W. G. Wehr. 2,128,387; Aug. 30.  
 Brake. J. W. White. 2,123,618; July 12.  
 Brake. J. M. White. 2,125,971; Aug. 9.  
 Brake. W. A. Wimmer. 2,140,780; Dec. 20.  
 Brake. R. H. Zima. 2,115,661; Apr. 26.  
 Brake actuating and equalizing mechanism. H. P. Doud and L. H. Clary. 2,123,056; July 19.  
 Brake actuator, Hydraulic. C. Sauzedde. 2,125,129; July 26.  
 Brake adjuster. A. A. Blucher. 2,117,288; May 17.  
 Brake adjusting gauge. G. E. Frisz. 2,119,206; May 31.  
 Brake adjusting means. C. Sauzedde. 2,116,216; May 3.  
 Brake and accelerator, Combined foot. N. I. Perry. 2,125,952; Aug. 9.  
 Brake and accelerator control. J. W. Rubstorfer. 2,131,972; Oct. 4.  
 Brake and clutch control device. B. S. Aikman. 2,106,473; Jan. 25.  
 Brake and clutch control means for automotive delivery wagons and trucks, Auxiliary. J. B. Brown. 2,133,764; Oct. 18.  
 Brake and electric connection, Semitrailer fifthwheel. W. S. Gurton, J. Plint, and H. Nyberg. 2,119,460; May 31.  
 Brake and mounting, Coaster. E. W. Glacy. 2,113,177; Apr. 5.  
 Brake apparatus, Electropneumatic. E. E. Hewitt. 2,109,046; Feb. 22.  
 Brake apparatus, Hydraulic. E. G. Carroll. 2,111,310; Mar. 15.  
 Brake apparatus, Hydraulic. J. W. Etchison. 2,107,111; Feb. 1.  
 Brake apparatus, Motor-car. H. Schmutz. 2,116,046; May 3.  
 Brake application, Railway. J. E. Lynskey. 2,118,316; May 24.  
 Brake applying device. S. N. Nickliss. 2,132,080; Oct. 4.  
 Brake-applying mechanism. H. Ullrich. 2,130,938; Sept. 20.  
 Brake applying mechanism for motor vehicles. R. Rourke. 2,132,006; Oct. 4.  
 Brake arrangement. R. G. Aurien. 2,113,339; Apr. 5.  
 Brake arrangement. W. H. Baselt. 2,113,958; Apr. 12.  
 Brake arrangement. W. H. Baselt. 2,133,242-3; Oct. 11.  
 Brake arrangement. W. H. Baselt. 2,135,120-1; Nov. 1.  
 Brake arrangement. W. C. Hedgecock. 2,134,943; Nov. 1.  
 Brake bands and lining, Fitting. M. E. Hatchman. 2,140,580; Dec. 20.  
 Brake beam and bottom rod support, Combined. J. L. Ortnier. 2,113,900; Apr. 12.  
 Brake beam and/or brake head. C. R. Busch. 2,116,594; May 10.  
 Brake beam hanger device. G. T. Cooke. 2,115,506; Apr. 26.  
 Brake beam leveler. A. F. Coulter. 2,124,944; July 26.  
 Brake beam, Light weight. W. H. Baselt. 2,122,081; June 28.  
 Brake beam safety carrier. F. A. Isaacson. 2,108,967; Feb. 22.  
 Brake beam safety guard structure. E. G. Busse. 2,105,995; Jan. 18.  
 Brake beam safety support. F. A. Isaacson. 2,127,258; Aug. 16.  
 Brake beam strut and lever assembly. F. Schaefer. 2,132,222; Oct. 4.  
 Brake beam support. H. C. Taylor. 2,141,321; Dec. 27.  
 Brake block, Composite. D. S. Bruce. 2,136,585; Nov. 15.  
 Brake block construction. W. G. L. Smith. 2,125,524; Aug. 2.  
 Brake block with interchangeable brake surface. A. Thode. 2,109,871; Mar. 1.  
 Brake booster, Vacuum. E. A. Rockwell. 2,135,114; Nov. 1.  
 Brake construction. C. S. Ash. 2,105,176; Jan. 11.  
 Brake construction. A. B. Bolarsky. 2,110,696; Mar. 8.  
 Brake construction. L. A. Bixby. 2,133,074; Oct. 11.  
 Brake construction. B. A. Swennes. 2,107,092; Feb. 1.  
 Brake control apparatus. J. W. Logan, Jr. 2,121,546; June 21.  
 Brake control apparatus, Vehicle. E. A. Work and C. F. Hammer. 2,125,094; July 26.  
 Brake control, Automatic trailer. W. D. Stong. 2,120,715; Sept. 13.  
 Brake control device. B. S. Aikman. 2,132,916; Oct. 11.  
 Brake control device. R. L. Nash. 2,115,534; Apr. 26.  
 Brake control, Fluid pressure. J. Canetta and E. S. Cook. 2,130,612; Sept. 20.  
 Brake control for high speed trains. C. C. Farmer. 2,125,155; July 26.  
 Brake control for high speed trains. C. C. Farmer and E. E. Hewitt. 2,109,166; Feb. 22.  
 Brake control for high speed trains. E. E. Hewitt. 2,110,708; Mar. 8.  
 Brake control for motor vehicles. T. W. Carey. 2,112,950; Apr. 5.  
 Brake control for winches. K. K. White. 2,114,242; Apr. 12.  
 Brake control, Magnetic. E. E. Hewitt. 2,130,621; Sept. 20.  
 Brake control means. B. S. Aikman. 2,118,390; May 24.  
 Brake control means. B. S. Aikman. 2,132,913; Oct. 11.  
 Brake control means. E. R. Fitch. 2,132,914; Oct. 11.  
 Brake control means. E. E. Hewitt. 2,137,018; Nov. 15.  
 Brake control means. D. L. McNeal. 2,128,053; Aug. 23.  
 Brake control means. R. E. Miller. 2,109,168; Feb. 22.  
 Brake control means, Railway vehicle. J. W. Logan, Jr. 2,137,019; Nov. 15.  
 Brake control mechanism. W. F. Boldt and W. R. Freeman. 2,136,410; Nov. 15.  
 Brake control mechanism. W. R. Freeman. 2,113,915; Apr. 12.  
 Brake control mechanism, Fluid pressure. E. S. Cook and C. F. Hammer. 2,125,101; July 26.  
 Brake control mechanism, Vehicle. A. B. Ellery. 2,125,104; July 26.  
 Brake control, Trailer. K. H. Burgin. 2,130,874; Sept. 20.  
 Brake controlling mechanism for vehicles, Dual. D. L. Winters. 2,124,900; July 26.  
 Brake coupler, Surge. F. Zagelmeyer. 2,113,262; Apr. 5.  
 Brake cylinder and making same, Hydraulic. J. W. Leighton. 2,136,302; Nov. 8.  
 Brake cylinder assembly and making same. W. K. Hawks. 2,122,371; June 28.  
 Brake cylinder assembly and making same. A. J. Weatherhead, Jr. 2,107,403; Feb. 8.  
 Brake cylinder control, Hydraulic master. C. E. Fisette. 2,107,565; Feb. 8.  
 Brake cylinder, Duplex. E. E. Hewitt. 2,106,484; Jan. 25.  
 Brake device, Automatic. C. M. Jameson. 2,135,897; Nov. 8.  
 Brake device, Automatic safety. E. M. and N. A. Sills. 2,127,890; Aug. 23.  
 Brake device, Empty and load. C. C. Farmer. 2,110,703; Mar. 8.  
 Brake device, Fluid pressure. C. C. Farmer. 2,118,398; May 24.  
 Brake device, Load. E. E. Hewitt and E. R. Fitch. 2,125,164; July 26.  
 Brake-drag measuring machine. F. B. Frisbie. 2,126,459; Aug. 9.  
 Brake drum. C. S. Ash. 2,107,229; Feb. 1.  
 Brake drum. C. S. Bragg. 2,126,945; Aug. 16.  
 Brake drum. T. P. Chase. 2,131,614; Sept. 27.  
 Brake drum. C. W. Dake. 2,104,923; Jan. 11.  
 Brake drum. C. W. Dake. 2,129,199; Sept. 6.  
 Brake drum. F. C. Frank. 2,109,110; Feb. 22.  
 Brake drum. C. W. Sinclair. 2,115,980; May 3.  
 Brake drum. C. W. Sinclair. 2,123,614; July 12.  
 Brake drum. R. K. Super. 2,131,906; Oct. 4.  
 Brake drum. A. S. Van Halteren. 2,111,709; Mar. 22.  
 Brake drum, Composite. F. W. Schmidt. Re. 20,661; Feb. 22.  
 Brake drum cooling construction. C. W. Sinclair. 2,136,472; Nov. 15.  
 Brake drum cooling device. D. J. Campbell. 2,106,702; Feb. 1.  
 Brake drum machine. C. W. Dake. 2,138,268; Nov. 29.  
 Brake drums, Forming. F. H. Le Jeune. 2,131,186; Sept. 27.  
 Brake drums, Forming. J. MacLennan. 2,112,653; Mar. 29.  
 Brake drums, Making. A. S. Van Halteren. 2,112,697; Mar. 29.  
 Brake drums, Manufacture of. F. H. Le Jeune. 2,136,447; Nov. 15.  
 Brake drums or like structures, Forming. C. S. Ash. 2,120,595; June 14.  
 Brake drums, Producing. C. W. Dake. 2,109,470; Mar. 1.  
 Brake drums, Producing. H. J. Horn. 2,127,597; Aug. 23.  
 Brake equalizer. H. Espinosa. 2,130,179; Sept. 13.  
 Brake equalizer. C. F. Johnson. 2,129,061; Sept. 6.  
 Brake equalizer. F. Kessen. 2,113,350; Apr. 5.  
 Brake equalizer. T. D. Rivers. 2,122,952; July 5.  
 Brake equalizer. L. J. Sparrowhawk. 2,113,435; Apr. 5.  
 Brake equalizer, Hydraulic. F. J. Bachmann. 2,119,001; May 31.  
 Brake equalizer, Mechanical. O. W. Nottingham. 2,112,785; Mar. 29.  
 Brake equalizer, Vehicle. J. A. Hicks. 2,138,235; Nov. 29.  
 Brake equalizing device. J. C. Eaheart. 2,113,342; Apr. 5.  
 Brake equipment for articulated car. W. P. Kellett, Jr. 2,123,423; July 12.



- Brake equipment, High speed. C. C. Farmer. 2,140,620; Dec. 20.
- Brake equipment, High speed. E. E. Hewitt. 2,115,523; Apr. 26.
- Brake equipment, High speed. J. W. Logan, Jr. 2,109,167; Feb. 22.
- Brake equipment, Railway train. G. L. Cotter. 2,137,227; Nov. 22.
- Brake equipment, Safety car. E. E. Hewitt. 2,125,165; July 26.
- Brake equipment, Train. E. E. Hewitt. 2,137,228; Nov. 22.
- Brake, especially for railway cars, Vehicle. B. H. Browall. 2,116,824; May 10.
- Brake, Fluid pressure. E. A. Rockwell. Re. 20,910; Nov. 8.
- Brake for aircraft, Wind. P. V. Doepp. 2,111,889; Mar. 22.
- Brake for automobiles, No-roll-back. C. A. Matson. 2,122,009; June 28.
- Brake for Axminster loom tube frames. E. J. Dacey. 2,141,643; Dec. 27.
- Brake for motor vehicles. C. H. Bock. 2,126,984; Aug. 16.
- Brake for motor vehicles. A. Weiss. 2,126,849; Aug. 16.
- Brake for motor vehicles, V-type. R. A. and M. Z. Poage. 2,109,648; Mar. 1.
- Brake for railway car trucks, Outboard. A. H. Oelkers. 2,113,815; Apr. 12.
- Brake for railway cars and the like, Hand. O. A. Harel. 2,106,349; Jan. 25.
- Brake for railway cars, Hydraulic. E. E. Van Cleave and A. Wiedenbauer. 2,138,263; Nov. 29.
- Brake for sleds and jumpers. J. M. Simmons. 2,134,587; Oct. 25.
- Brake for use with power transmitting mechanism. A. T. Nabstedt. 2,127,305; Aug. 16.
- Brake gauge. H. B. Barrett. 2,124,603; July 26.
- Brake hanger retainer. M. S. Johnson. 2,121,248; June 21.
- Brake head. C. C. Meadows. 2,112,467; Mar. 29.
- Brake head balancing device. E. G. Mueller. 2,130,595; Sept. 20.
- Brake head wear receiving element. V. H. Harbert. 2,110,575; Mar. 8.
- Brake holding apparatus. F. L. Darling. 2,133,891; Oct. 18.
- Brake holding apparatus, Hydraulic. F. L. Darling. 2,133,538; Oct. 18.
- Brake hub driven by a motor mounted in the driving wheel, Freewheel. G. Steinlein and L. Bruckmoser. 2,138,619; Nov. 29.
- Brake indicating and testing device. H. W. Langbein. 2,117,027; May 10.
- Brake lever. C. R. Duncan. 2,126,371; Aug. 9.
- Brake lever. H. S. Jandus. 2,130,187; Sept. 13.
- Brake lever and ratchet construction. H. S. Jandus. 2,132,954; Oct. 11.
- Brake lever construction. H. S. Jandus. 2,122,646; July 5.
- Brake lever construction. H. S. Jandus. 2,128,298; Aug. 30.
- Brake lever construction. H. S. Jandus. 2,131,285; Sept. 27.
- Brake lever construction. R. A. Sandberg. 2,107,047; Feb. 1.
- Brake lever extension. G. F. Bahr. 2,112,804; Mar. 29.
- Brake lever, Hand. H. S. Jandus. 2,126,016; Aug. 9.
- Brake lever, Hand. H. S. Jandus. 2,126,393; Aug. 9.
- Brake lever, Hand-operated. F. D. Wenn. 2,141,780; Dec. 27.
- Brake lever, Safety emergency. F. D. Wenn. 2,127,097; Aug. 16.
- Brake lever, Safety emergency. F. D. Wenn. 2,141,779; Dec. 27.
- Brake levers, Construction of. H. S. Jandus. 2,120,362; June 14.
- Brake lining and making same. J. G. Hawley. 2,107,295; Feb. 8.
- Brake lining clamp. A. E. Bullington. 2,139,876; Dec. 13.
- Brake lining, Quick detachable. L. S. Hunter. 2,139,409; Dec. 6.
- Brake lining testing machine. W. S. James. 2,121,149; June 21.
- Brake linkage, Hand. E. H. Plron. 2,140,114; Dec. 13.
- Brake lockout, Hydraulic. R. C. McCarty. 2,105,748; Jan. 18.
- Brake means, Electric. E. E. Hewitt. 2,130,622; Sept. 20.
- Brake mechanism. A. Backstrom. 2,108,467; Feb. 15.
- Brake mechanism. B. A. Barrett and G. E. Perrenault. Re. 20,733; May 24.
- Brake mechanism. C. O. Bowers and A. C. Williams. 2,104,702; Jan. 4.
- Brake mechanism. A. B. Bruce. 2,122,678; July 5.
- Brake mechanism. W. A. Eaton. 2,141,688; Dec. 27.
- Brake mechanism. W. A. Gantner and T. R. McGowan. 2,109,194; Feb. 22.
- Brake mechanism. G. K. Hause. 2,120,917; June 14.
- Brake mechanism. H. A. Hoke. 2,134,789; Nov. 1.
- Brake mechanism. C. Hollerith. 2,124,919; July 26.
- Brake mechanism. G. H. Hunt. 2,135,606; Nov. 8.
- Brake mechanism. G. H. Hunt and E. H. Berno. 2,140,385; Dec. 13.
- Brake mechanism. F. Hymans. 2,107,894; Feb. 8.
- Brake mechanism. F. L. Main. 2,126,485; Aug. 9.
- Brake mechanism. F. L. Main. 2,126,685; Aug. 9.
- Brake mechanism. F. L. Main and C. A. Sawtelle. 2,109,013; Feb. 22.
- Brake mechanism. F. L. Main and C. A. Sawtelle. 2,115,961; May 3.
- Brake mechanism. L. A. Majneri. 2,136,194; Nov. 8.
- Brake mechanism. E. G. Mueller. 2,132,994; Oct. 11.
- Brake mechanism. C. A. Sawtelle. 2,136,470; Nov. 15.
- Brake mechanism. D. H. Sceley. 2,136,806; Nov. 15.
- Brake mechanism. H. C. Smith. 2,139,644; Dec. 6.
- Brake mechanism. E. Stiff. 2,105,560; Jan. 18.
- Brake mechanism. S. Vorech. 2,132,090; Oct. 4.
- Brake mechanism, Automobile. M. Van Meter. 2,117,925; May 17.
- Brake mechanism, Car truck. M. E. Shaver. 2,119,505; May 31.
- Brake mechanism for trailers. G. and W. Valery. 2,126,062; Aug. 9.
- Brake mechanism for winding reels. A. Spencer. 2,135,154; Nov. 1.
- Brake mechanism, Hydraulic. G. Farina. 2,127,290; Aug. 16.
- Brake mechanism, Hydraulic. J. A. Perry. 2,120,294; June 14.
- Brake mechanism, Hydrodynamic. R. G. De La Mater. 2,113,109; Apr. 5.
- Brake mechanism, Liquid controlled. E. F. Laschinger and W. G. Jackson. 2,112,166; Mar. 22.
- Brake mechanism, Motor vehicle. V. A. Kasin. 2,110,045; Mar. 1.
- Brake mechanism, Railway. T. H. Schoepf and D. M. Ritchie. 2,127,428; Aug. 16.
- Brake mechanism, Wheel. J. V. Crichton. 2,108,401; Feb. 15.
- Brake operating device, Hydro mechanical. C. G. Schreyer. 2,136,398; Nov. 15.
- Brake operating mechanism. A. H. Carson and R. O. Anderson. 2,116,013; May 3.
- Brake operating mechanism. C. J. Harlow. 2,106,636; Jan. 25.
- Brake operating mechanism. E. G. McCauley. 2,105,196; Jan. 11.
- Brake operating mechanism. J. A. Rykaczewski. 2,104,909; Jan. 11.
- Brake operating mechanism, Hand. C. C. Shafer. 2,128,969; Sept. 6.
- Brake operator, Automatic. W. D. Harper. 2,107,984; Feb. 8.
- Brake pedal depressor. M. H. Evans and C. H. Sayre. 2,138,911; Dec. 6.
- Brake, Pneumatic. E. G. McCauley. Re. 20,803; July 19.
- Brake-relining machine. H. B. Barrett. 2,109,327; Feb. 22.
- Brake retardation controller. E. E. Hewitt. 2,113,618; Apr. 12.
- Brake rigging. F. G. Craig. 2,120,323; June 14.
- Brake rigging. T. C. Crossman. 2,133,162; Oct. 11.
- Brake rigging. W. A. Gantner. 2,130,667; Sept. 20.
- Brake rigging. J. F. Holloway. 2,112,530; Mar. 29.
- Brake rigging for clasp brakes. J. F. Holloway. 2,110,992; Mar. 15.
- Brake rigging, Railway. M. P. Blomberg. 2,133,531; Oct. 18.
- Brake rigging, Variable leverage. B. H. Browall. 2,116,010; May 3.
- Brake safety device, Fluid. G. B. Davis. 2,121,653; June 21.
- Brake shoe adjusting and centering device. J. J. Schlumbrecht. 2,132,049; Oct. 4.
- Brake shoe and key wedge means. V. H. Harbert and M. S. Johnson. 2,110,574; Mar. 8.
- Brake shoe and making the same. G. B. Williams. 2,140,727; Dec. 20.
- Brake shoe for typesetting machines. R. J. Lloyd. 2,128,370; Aug. 30.
- Brake shoe key. C. R. Busch. 2,107,521; Feb. 8.
- Brake shoe, Magnetic. P. L. Crittenden. 2,130,615; Sept. 20.
- Brake shoe, Multiple. J. C. Kidwell and R. A. Poland. 2,140,081; Dec. 13.
- Brake shoes centrifugally. Casting. W. B. Weaver. 2,136,899; Nov. 15.
- Brake shoes, Method and apparatus for finishing. H. K. Bigelow. 2,118,003; May 17.
- Brake slack adjuster. M. P. Blomberg. 2,104,787; Jan. 11.
- Brake, Speed controlled. T. Tarlsten. Re. 20,613; Jan. 4.
- Brake structure. R. S. Hayes. 2,126,883; Aug. 16.
- Brake structure, Unit. F. E. Schwentler. 2,118,236; May 24.
- Brake structure, Vacuum. J. B. Brown. 2,124,454; July 10.
- Brake switch device. R. J. Bush. 2,118,427; May 24.
- Brake system. E. S. Harrison. 2,135,003; Nov. 1.
- Brake system. E. E. Hewitt. 2,106,483; Jan. 25.
- Brake system, Air. O. E. Conner. 2,141,205; Dec. 27.
- Brake system, Air. D. F. Searle. 2,133,580; Oct. 18.
- Brake system, Automotive. H. R. Trotter. 2,116,856; May 10.
- Brake system, Fluid pressure. J. R. Heldloff. 2,135,004; Nov. 1.



- Brake system, Fluid pressure. H. W. L. Noack. 2,115,558; Apr. 26.
- Brake system, Fluid pressure. W. F. Oliver. 2,106,758; Feb. 1.
- Brake system for automotive vehicles, Air. R. D. Provins. 2,126,661; Aug. 9.
- Brake system for motor vehicle. E. A. Dickey. 2,116,882; May 10.
- Brake system for trailers. L. V. Smith. 2,114,941; Apr. 19.
- Brake system, Hydraulic. R. S. Begg. 2,136,835; Nov. 15.
- Brake system, Hydraulic. H. C. Bowen. 2,104,220; Jan. 4.
- Brake system, Hydraulic. R. Hofstetter. 2,130,799; Sept. 20.
- Brake system, Hydraulic. W. F. Oliver. 2,106,757; Feb. 1.
- Brake system, Hydraulic. P. F. Rossmann. 2,136,318; Nov. 8.
- Brake system, Hydraulic. R. I. Wolf. 2,115,438; Apr. 26.
- Brake system, Power. D. F. Searle. 2,108,182; Feb. 15.
- Brake system, Vehicle. C. C. Farmer. 2,115,552; Apr. 26.
- Brake tester. J. V. Whipple. 2,134,092; Oct. 25.
- Brake testing device. Y. Lion. 2,117,031; May 10.
- Brake valve. R. J. Bush. 2,132,935; Oct. 11.
- Brake valve. R. L. Levy. 2,127,064; Aug. 16.
- Brakes, Adjusting means for. E. C. S. Clench. 2,140,219; Dec. 13.
- Brakes, Device for testing automobile. E. A. Zadig. 2,119,145; May 31.
- Braking. T. H. Schoepf and D. M. Ritchie. 2,111,812; Mar. 22.
- Braking. T. H. Schoepf and D. M. Ritchie. 2,127,429; Aug. 16.
- Braking. A. Lysholm and G. Wahlsten. 2,139,090; Dec. 6.
- Braking action, Indicating. R. W. Waring and R. J. Fahey. 2,124,960; July 26.
- Braking and ejecting mechanism. C. Huenlich. 2,128,646; Aug. 30.
- Braking and traction control. T. H. Schoepf and D. M. Ritchie. 2,124,125; July 19.
- Braking and uncoupling device, Automatic. S. B. Winn. 2,123,820; July 12.
- Braking apparatus. J. C. McCune. 2,112,423; Mar. 29.
- Braking apparatus, Railway. H. L. Bone. 2,104,606-7; Jan. 4.
- Braking apparatus, Railway. H. L. Bone. 2,129,301; Sept. 6.
- Braking apparatus, Railway. H. C. Clausen. 2,104,185-7; Jan. 4.
- Braking device. L. C. Brisson. 2,131,369; Sept. 27.
- Braking device. G. H. Fuehrer. 2,121,563; June 21.
- Braking device. W. F. J. Weitzenberg. 2,120,997; June 21.
- Braking device, Pneumatic. G. E. Houplain. 2,138,547; Nov. 29.
- Braking mechanism. N. S. Reynolds. 2,140,597; Dec. 20.
- Braking mechanism. H. M. Robinson. 2,121,366; June 21.
- Braking mechanism. S. Schnell. 2,112,609; Mar. 29.
- Braking mechanism. C. J. Whitacre. 2,140,123; Dec. 13.
- Braking mechanism and the like. E. E. Bergland. 2,130,785; Sept. 20.
- Braking mechanism for railway cars. C. De Los Rice. 2,141,450; Dec. 27.
- Braking mechanism, Motor vehicle. W. R. Griswold. 2,127,294; Aug. 16.
- Braking, Method and apparatus. T. H. Schoepf and D. M. Ritchie. 2,120,443; June 14.
- Braking system. P. Hallot. 2,107,823; Feb. 8.
- Braking system. W. F. Oliver. 2,115,230; Apr. 26.
- Braking system. S. J. Vouch and J. W. McNairy. 2,120,207; June 7.
- Braking system. J. M. White. 2,140,040; Dec. 13.
- Braking system for vehicles. R. Rourke. 2,115,215; Apr. 26.
- Braking system, Hydraulic. L. Cornwell. 2,108,164; Feb. 15.
- Braking system, Regenerative. L. Mirow. 2,117,900; May 17.
- Braking system, Vehicle. N. P. Larsen and H. J. Troche. 2,130,140; Sept. 13.
- Branding device. E. W. Ashton. 2,137,891; Nov. 22.
- Branding machine. W. P. Bullard and O. L. Williams. 2,109,380; Feb. 22.
- Brass pipe alloy, Yellow. W. R. Webster. 2,118,688; May 24.
- Brassière. A. A. Alberts. 2,135,094; Nov. 1.
- Brassière. J. R. Bowen. 2,130,534; Sept. 20.
- Brassière. L. Green and J. Marks. 2,109,172; Feb. 22.
- Brassière. R. L. Klin. 2,118,406; May 24.
- Brassière. S. Leffmann. 2,106,569; Jan. 25.
- Brassière. H. Rasch. 2,132,128; Oct. 4.
- Brassière. W. Rosenthal. 2,115,398; Apr. 26.
- Brassière. W. Rosenthal and C. M. Sachs. 2,115,397; Apr. 26.
- Brassière. G. M. P. Yerkes. 2,134,294; Oct. 25.
- Brassière and bathing suit, Combined. R. Freedman. 2,112,151; Mar. 22.
- Brassière and breast pad. W. Rosenthal. 2,141,408; Dec. 27.
- Brassière and bust garment. R. McCabe. 2,127,927; Aug. 23.
- Brassière and girdle, Combination. M. L. Davis. 2,118,592; May 24.
- Brassière and girdle, Combination. W. L. Willis and P. N. Young. 2,136,768; Nov. 15.
- Brassière and the like. D. La Rue. 2,121,088; June 21.
- Brassière construction. A. S. Becker and Z. M. Andrus. 2,131,213; Sept. 27.
- Brassière top. R. F. Peck. 2,115,588; Apr. 26.
- Braun tube. E. Brüche. 2,122,555; July 5.
- Braun tube. E. Hudec. 2,129,005; Sept. 6.
- Braun tube. S. Loewe. 2,129,015; Sept. 6.
- Braun tube. E. Rusk. 2,128,597; Aug. 30.
- Braun tube. K. Schlesinger. 2,114,609; Apr. 19.
- Braun tube. K. Schlesinger. 2,126,286; Aug. 9.
- Braun tube. K. Schlesinger. 2,141,414; Dec. 27.
- Braun tube. E. Schwartz. 2,134,267; Oct. 25.
- Brazing. L. C. Hopkins, Jr. 2,131,890; Oct. 4.
- Brazing. W. A. Wissler. 2,126,074; Aug. 9.
- Brazing alloy. O. E. Harder. 2,125,228; July 26.
- Bread conditioners, Preparing. A. Pollak. 2,137,027; Nov. 15.
- Bread crumbing machine. S. Truitt. 2,138,716; Nov. 29.
- Bread loaf forming machine. C. S. Brykczynski and J. Kosman. 2,136,487; Nov. 15.
- Bread loaf forming machine. J. Kosman and C. S. Brykczynski. 2,111,894; Mar. 22.
- Bread slicer feed. W. W. Hartman. 2,106,949; Feb. 1.
- Bread slicer, Helical single knife type. T. Jensen and A. Van Veen. 2,107,002; Feb. 1.
- Bread slicing machine. H. J. Criner. 2,110,290; Mar. 8.
- Bread slicing machine. H. J. Criner. 2,126,987; Aug. 16.
- Bread slicing machine. H. J. Criner. 2,134,105; Oct. 25.
- Bread slicing machine. H. J. Criner. 2,134,684; Nov. 1.
- Bread slicing machines, Drive for reciprocating. S. Debus. 2,126,369; Aug. 9.
- Bread sticks, Making. W. H. Brooks. 2,134,026; Oct. 25.
- Bread wrapping machine. G. S. Baxter. 2,133,339; Oct. 18.
- Bread wrapping machine. L. Ferenci. 2,133,503; Oct. 18.
- Breastplate cover pad. M. Maher. 2,105,290; Jan. 11.
- Breast support. F. Boris. 2,104,725; Jan. 11.
- Breathing apparatus. J. B. Dym. 2,108,256; Feb. 15.
- Breather control device. E. Ryder. 2,112,307; Mar. 29.
- Breech mechanism. H. Lauf. 2,138,972; Dec. 6.
- Breeches and the like, Riding. E. F. Roberts and S. Adamson. 2,119,602; June 7.
- Breechette. S. A. Kolliner. 2,125,451; Aug. 2.
- Breeze deflector. W. J. McGrane. 2,109,545; Mar. 1.
- Brew, Method and apparatus for cooling. J. M. Bruce. 2,140,895; Dec. 20.
- Brick and block wall reinforcing. J. P. Bem. 2,121,943; June 28.
- Brick and tile cutter. H. K. King. 2,131,562; Sept. 27.
- Brick and tile machine. P. M. Carlisle. 2,104,293; Jan. 4.
- Brick bond gauge. J. Palmer. 2,140,714; Dec. 20.
- Brick, Burning. T. B. Dreher. 2,107,146; Feb. 1.
- Brick construction, Fabricated. E. V. Poston. 2,105,613; Jan. 18.
- Brick cutting machine. H. Filippi. 2,118,552; May 24.
- Brick for building purposes, Cavity. F. H. Hedinger. 2,126,011; Aug. 9.
- Brick, Making flint clay. R. P. Heuer and A. E. Fitzgerald. 2,131,252; Sept. 27.
- Brick or radiant for surface combustion burners, Refractory. A. Docking. 2,122,132; June 28.
- Brick or tile, Flashing. G. Fink. 2,115,067; Apr. 26.
- Brick, Rubbing. W. L. Burger. 2,120,483; June 14.
- Brick, Track grinding. T. Larsson. 2,124,273; July 19.
- Bridge and equipment, Bascule. I. Lubin. 2,109,797; Mar. 1.
- Bridge and similar connection for measuring alternating current. W. Geyger. 2,110,523; Mar. 8.
- Bridge, Automatic up and down. I. N. Clark. 2,141,030; Dec. 20.
- Bridge circuit, Variable resistance. R. Weber. 2,135,953; Nov. 8.
- Bridge construction. E. Chapman. 2,104,022; Jan. 4.
- Bridge for bifocal lenses, Adjustable. A. O. Yoe. Re. 20,732; May 17.
- Bridge for ophthalmic lenses, Manipulative. G. P. Kimmel. 2,112,163; Mar. 22.
- Bridge, Light sensitive. J. C. Clark. 2,114,591; Apr. 19.
- Bridge, Portable. E. Gravelle. 2,141,529; Dec. 27.
- Bridge playing device. J. P. Stockton. 2,127,622; Aug. 23.
- Bridge score and contract indicator. B. H. Gibbs. 2,134,039; Oct. 25.
- Bridge structural members or the like, Method and apparatus for shortening. H. R. Colwell. 2,125,220; July 26.
- Bridge structure. C. M. Neeld. 2,110,235; Mar. 8.
- Bridge, Variable ratio arm. M. J. Lovelady. 2,135,587; Nov. 8.
- Brier and weed hook. T. J. Stump. 2,119,449; May 31.
- Brine tank. E. E. Allyn. 2,114,204; Apr. 12.



- Briquette and making same, Metallurgical. J. W. Weitzenkorn. 2,111,344; Mar. 15.  
 Briquette press. W. C. Goss. 2,128,241; Aug. 30.  
 Briquettes, Making ore dust. W. Millward. 2,133,751; Oct. 18.  
 Briquettes, Manufacturing. A. ten Bosch. 2,133,675; Oct. 18.  
 Broaching machine. R. W. Dinzel. 2,110,972; Mar. 15.  
 Broaching press. R. J. Pierson. 2,119,243; May 31.  
 Broach. W. J. Phaneuf. 2,114,607; Apr. 19.  
 Broach. W. S. Praeg. 2,120,041; June 7.  
 Broaching an aperture in an article relative to its outer dimension, Apparatus for. C. J. Halborg. 2,106,212; Jan. 25.  
 Broaching apparatus. E. A. Baumbach. 2,114,276; Apr. 19.  
 Broaching machine. F. S. Floeter. 2,136,680; Nov. 15.  
 Broaching machine. C. J. Halborg. 2,106,213; Jan. 25.  
 Broaching machine. W. A. Hart. 2,126,110; Aug. 9.  
 Broaching machine. H. L. Pope and G. R. Squibb. 2,132,540; Oct. 11.  
 Broaching machine. G. F. Yaker. 2,115,186; Apr. 26.  
 Broaching machine, Pull. R. A. Thompson. 2,135,861; Nov. 8.  
 Broaching machine, Vertical. D. H. West. 2,111,689; Mar. 22.  
 Broaching machine, Vertical hydraulic. D. H. West. 2,135,157; Nov. 1.  
 Broadcast system. R. Seidelbach. 2,124,318; July 19.  
 Broadcasting and recording apparatus, Telemetric. J. P. Buckley. 2,121,184; June 21.  
 Broadcasting system, Image. W. G. H. Finch. Re. 20,767; June 21.  
 Broadcasting with reduced band width. N. Koomans. 2,110,046; Mar. 1.  
 Broiler. L. A. Babin. 2,114,697; Apr. 19.  
 Broiler. H. Fletcher, M. Bishop, and B. C. Jones. 2,106,506; Jan. 25.  
 Broiler. H. S. Fletcher, M. Bishop, and B. C. Jones. 2,139,382; Dec. 6.  
 Broiler. L. J. Smallen. 2,133,582; Oct. 18.  
 Broiler. R. S. Weston. 2,119,898; June 7.  
 Broiler, Electric. A. Barkinsky and S. Yanofsky. 2,135,318; Nov. 1.  
 Broiler for ranges, Adjustable. L. J. Smallen. 2,127,146; Aug. 16.  
 Broiler for use by campers. A. Triolo. 2,124,837; July 26.  
 Broiler, Frankfurter. S. Nelson. 2,125,471; Aug. 2.  
 Broiler mechanism. L. A. Babin. 2,114,698; Apr. 19.  
 Broiling apparatus. K. O. and J. B. Zeigler. 2,109,079; Feb. 22.  
 Broiling appliance, Electric. A. T. Smith. 2,110,559; Mar. 8.  
 Bromine, Recovering. J. J. Grebe and L. C. Chamberlain. 2,133,616; Oct. 18.  
 Bronze alloy. J. W. Bryant, Jr. 2,129,197; Sept. 6.  
 Bronze, Hot workable. D. R. Hull. 2,105,945; Jan. 18.  
 Bronze, Hot workable. R. B. Montgomery. 2,128,954; Sept. 6.  
 Bronze, Hot workable phosphor. R. B. Montgomery. 2,128,955; Sept. 6.  
 Bronzer. A. K. Taylor. 2,125,472; Aug. 2.  
 Brooch. B. Katz. 2,112,779; Mar. 29.  
 Brooch. H. E. Tautz. 2,140,146; Dec. 13.  
 Brooch assemblage. M. Handman. 2,120,215-16; June 7.  
 Brooch assemblage. G. Tavanl. 2,111,105; Mar. 15.  
 Brooch, Clip. A. H. Carlson. 2,114,675; Apr. 19.  
 Brooch, Separable. H. L. Pulver. 2,128,319; Aug. 30.  
 Brooder. J. A. Aukerman. 2,106,700; Feb. 1.  
 Brooder. W. A. and M. L. V. Benzing. 2,105,779; Jan. 18.  
 Brooder. K. W. Du Bois. 2,123,671; July 12.  
 Brooder, Electric. H. S. Brembeck and P. J. Spelcher. 2,115,617; Apr. 26.  
 Brooder, Electrically heated. J. E. Carlson. 2,109,163; Feb. 22.  
 Brooder stove regulator. H. E. Koenig. 2,128,829; Aug. 30.  
 Brookite and rutile from zircon and obtaining titanium oxide therefrom, Separating. C. J. Kinzie and E. Walner. 2,127,664; Aug. 23.  
 Broom, brush, and the like. W. Kraft. 2,124,197; July 19.  
 Broom connector. C. Iasillo. 2,140,014; Dec. 13.  
 Broom holder. W. W. Jones. 2,131,956; Oct. 4.  
 Broom, Lawn. G. Campbell. 2,131,612; Sept. 27.  
 Broom or rake. I. Satake. 2,118,235; May 24.  
 Brush. F. J. Bickel. 2,108,742; Feb. 15.  
 Brush. R. F. Christopher. 2,115,942; May 3.  
 Brush. F. W. Curtis, Jr. 2,131,500; Sept. 27.  
 Brush. W. Grumbacher. 2,122,080; July 5.  
 Brush. E. D. Horne. 2,128,822; Aug. 30.  
 Brush. T. F. McGoldrick. 2,112,297; Mar. 29.  
 Brush. C. Morgan. 2,128,011; Aug. 23.  
 Brush. C. Neufeld. 2,121,161; June 21.  
 Brush and bristles therefor. R. Marogg. 2,138,872; Dec. 6.  
 Brush and tube holder, Fountain. E. L. Hollenbeck. 2,133,295; Oct. 18.  
 Brush attaching device for mops. D. Paul. 2,133,148; Oct. 11.  
 Brush, Automatically ignited and extinguished hot water shaving. W. G. Frazier. 2,132,943; Oct. 11.  
 Brush bristles and making the same. W. F. Talbot. 2,109,579; Mar. 1.  
 Brush, Clip. H. Hertzberg. 2,112,195; Mar. 22.  
 Brush, Clothes. O. C. Creighton. 2,122,090; June 28.  
 Brush-comb. H. Hertzberg. 2,123,043; July 5.  
 Brush control, Commutator. R. Fouques and J. Lenfant. 2,129,757; Sept. 13.  
 Brush, Denture. G. T. Mitton. 2,129,306; Sept. 6.  
 Brush device, Fountain paint. H. F. Mitchell. 2,126,999; Aug. 16.  
 Brush, Disposable duster. D. E. Harmon. 2,104,196; Jan. 4.  
 Brush equipped receptacle. J. Gannon. 2,124,058; July 19.  
 Brush for cleaning boiler and other tubes, Method of making and. E. P. Kranzfelder. 2,115,026; Apr. 26.  
 Brush for dynamo-electric machines. W. O. Helwig. 2,105,038; Jan. 11.  
 Brush for high intensity arc searchlights. J. F. Peters. 2,125,171; July 26.  
 Brush for roller mills, Roller. E. Roth. 2,123,008; July 19.  
 Brush for Venetian blinds. S. Zbarsky. 2,134,965; Nov. 1.  
 Brush forming apparatus. R. T. Scully and W. S. Lang. 2,105,334; Jan. 11.  
 Brush, Fountain. A. W. Beaurline. 2,130,223; Sept. 13.  
 Brush, Fountain paint. H. F. Mitchell. 2,127,000; Aug. 16.  
 Brush, Hair. M. E. Yakimchick. 2,113,206; Apr. 5.  
 Brush holder. H. H. Graham. 2,141,531; Dec. 27.  
 Brush holder. J. Pekrol. 2,129,150; Sept. 6.  
 Brush holder assembly and brush. C. E. Berger. 2,104,721; Jan. 11.  
 Brush, Multiple unit. H. Hertzberg. 2,123,044; July 5.  
 Brush, Replenishable metal. G. M. Phelps and W. Nance. 2,113,742; Apr. 12.  
 Brush, Rotary. F. W. Schnell. 2,122,326; June 28.  
 Brush, Sponge rubber. R. K. Metcalf. 2,138,010; Nov. 29.  
 Brusher and grader, Vegetable. J. Sibille. 2,139,318; Dec. 6.  
 Brusher, Planetary. H. Paxton. 2,119,869; June 7.  
 Brusher, Transverse fruit. H. J. Brandenburg. Re. 20,861; Sept. 20.  
 Brushes, Commutator and like. O. Kasperowski. 2,125,027; July 26.  
 Brushes, Making. L. C. Herold. 2,136,103; Nov. 8.  
 Brushes, Making. C. Jobst. 2,122,318; June 28.  
 Brushing machine. I. W. Wolfner. 2,115,439; Apr. 26.  
 Bubble blower. R. F. Warham. 2,118,748; May 24.  
 Bubble column. R. M. Parsons. 2,105,501; Jan. 18.  
 Bubble producing and display means. D. J. Dolan. 2,133,499; Oct. 18.  
 Bucket and clevis therefor, Drag. G. W. Mork. 2,131,063; Sept. 27.  
 Bucket, Concrete convexing. F. B. Ray. 2,134,643; Oct. 25.  
 Bucket, Dredge. G. R. Hanks. 2,124,517; July 19.  
 Bucket, Dredge. L. E. Younie. 2,114,129; Apr. 12.  
 Bucket, Dredger. J. S. Whittaker. 2,126,522; Aug. 9.  
 Bucket, Dumping. R. Walsh. 2,141,702; Dec. 27.  
 Bucket, Excavating. F. S. McCutcheon. 2,126,124; Aug. 9.  
 Bucket, Excavating. J. M. Roberts. 2,136,890; Nov. 15.  
 Bucket, Floating minnow. C. F. Baxter. 2,111,959; Mar. 22.  
 Bucket, Minnow. C. E. Marsh. 2,140,962; Dec. 20.  
 Bucket, Undercutting. M. R. Peck. 2,122,584; July 5.  
 Buckle. I. Goldberg. 2,138,542; Nov. 29.  
 Buckle. W. I. Jones. 2,112,532; Mar. 29.  
 Buckle. C. H. Phillips. 2,117,980; May 17.  
 Buckle. F. A. Ray. 2,114,555; Apr. 19.  
 Buckle. E. A. Stuller. 2,120,656; June 14.  
 Buckle. P. W. White. 2,133,066; Oct. 11.  
 Buckle. P. F. Zetnick. 2,122,506; July 5.  
 Buckle and identification tag, Combination cotton tie. R. Masino and O. H. Keep. 2,104,755; Jan. 11.  
 Buckle and slide fastener. A. H. Kerngood. 2,119,409; May 31.  
 Buckle, Bale band. E. A. Frants. 2,110,794; Mar. 8.  
 Buckle, Belt. G. R. Eaton. 2,132,608; Oct. 11.  
 Buckle construction, Bracelet. A. G. Eklund. Re. 20,677; Mar. 29.  
 Buckle, Decorative. W. L. Myers. 2,132,876; Oct. 11.  
 Buckle, Lingerie. J. Shaulson. 2,133,153; Oct. 11.  
 Buckle, Safety. S. Strauss. 2,107,878; Feb. 8.  
 Buckle, Slide. D. I. Reller. 2,129,872; Sept. 13.  
 Buckle, Snap lock. C. J. Schuhmann. 2,110,684; Mar. 8.  
 Buckle structure. E. A. Stuller. 2,116,745; May 10.  
 Buckles and like ornaments for personal wear. A. J. Eppink. 2,123,773; July 12.  
 Buckles and the like, Covering metal. B. Seuderl and C. Callari. 2,133,482; Oct. 18.  
 Buff construction. L. W. Kneibick and H. R. Taylor. 2,130,850; Sept. 20.  
 Buff, Fibrous. L. M. Hague. 2,108,985; Feb. 22.  
 Buffer attachment. J. A. Hunt. 2,104,837; Jan. 11.  
 Buffer check for loom pickers. H. R. Haupt. 2,111,489; Mar. 15.  
 Buffer, Finger nail. E. Ayres. 2,132,889; Oct. 11.  
 Buffer, Locomotive underframe. C. C. C. Burkhardt. 2,138,139; Nov. 29.  
 Buffer, Manicure. W. R. Watrous. 2,113,552; Apr. 5.



- Buffer mechanism, Engine-tender. G. H. Zouck. 2,125,326; Aug. 2.
- Buffer, Picker-stick. M. R. Haupt. 2,117,956; May 17.
- Buffing compositions. C. V. Glennig. 2,119,159; May 31.
- Buffing compound. W. K. Griesinger. 2,130,128; Sept. 13.
- Buffing method and apparatus. H. D. Stevens. 2,106,442; Jan. 25.
- Buffing or polishing wheel. E. W. Hall. 2,108,966; Feb. 22.
- Buffing or polishing wheel. E. W. Hall. 2,132,532; Oct. 11.
- Buffing or polishing wheel. A. W. L'Hommiedieu. 2,124,114; July 19.
- Buffing section unit and assembly. L. W. Kreilick and H. R. Taylor. 2,106,610; Jan. 25.
- Buffing wheel, Knitted. S. W. Lippitt. 2,109,905; Mar. 1.
- Buffing wheel. L. W. Kreilick and H. R. Taylor. 2,130,849; Sept. 20.
- Buffing wheel. F. E. Hendrickson. 2,122,609; July 5.
- Buffing wheel. J. Levoy. 2,136,747; Nov. 15.
- Buffing wheel. E. E. Murray. 2,140,208; Dec. 13.
- Buffing wheel, Ventilated. H. Zimmerman. 2,110,494; Mar. 8.
- Buggy, Dumping. J. D. Walker. 2,126,592; Aug. 9.
- Buggy, Dumping. J. D. Walker. 2,138,562; Nov. 29.
- Bulder motion for textile machinery. C. Morton. 2,122,434; July 5.
- Builder's clip. F. M. Venzie. 2,118,243; May 24.
- Building. F. W. Buck. 2,105,854; Jan. 18.
- Building. A. T. Levy. 2,104,870-4; Jan. 11.
- Building. A. T. Levy. 2,131,461; Sept. 27.
- Building. K. F. Otto. 2,129,441; Sept. 6.
- Building assembly and cant strip. W. Gillett. 2,137,889; Nov. 22.
- Building block. F. O. Anderegg. 2,114,732; Apr. 19.
- Building block. L. S. Fowler. 2,115,160; Apr. 26.
- Building block. E. S. Guignon, Jr. 2,134,941; Nov. 1.
- Building block. E. R. Harrap. 2,140,226; Dec. 13.
- Building block. A. Henderson. 2,131,803; Oct. 4.
- Building block. J. Hickl. 2,129,211; Sept. 6.
- Building block. W. J. Leiser. 2,110,628; Mar. 8.
- Building block. A. M. O'Hagen and G. C. Berger. 2,112,861; Apr. 5.
- Building block. W. P. Zimmerman and M. K. Holmes. 2,110,900; Mar. 15.
- Building block and wall construction ventilated horizontally and vertically. S. Brozek. 2,138,724; Nov. 29.
- Building block, Composition. C. A. Hadland. 2,127,914; Aug. 23.
- Building block, Load bearing glazed. A. Henderson. 2,115,264; Apr. 26.
- Building board. E. F. Crane. 2,106,390; Jan. 25.
- Building composition, Nail holding. C. F. Davis. 2,126,622; Aug. 9.
- Building construction. A. F. Bemis. 2,117,934; May 17.
- Building construction. D. S. Betcone. 2,137,767; Nov. 22.
- Building construction. I. M. Brandjord. 2,110,787; Mar. 8.
- Building construction. H. L. Brooks and H. F. MacIntyre. 2,106,315; Jan. 25.
- Building construction. H. O. Carroll. 2,113,677; Apr. 12.
- Building construction. K. H. Charlson. 2,110,390; Mar. 8.
- Building construction. O. E. Dolt. 2,122,339; June 28.
- Building construction. J. Fletcher. 2,125,286; Aug. 2.
- Building construction. H. Gauvin. 2,116,021; May 3.
- Building construction. H. Griesel. 2,118,193; May 24.
- Building construction. H. G. Hauch. 2,129,423; Sept. 6.
- Building construction. L. Justement. 2,110,488; Mar. 8.
- Building construction. H. H. Keller. 2,138,927; Dec. 6.
- Building construction. G. F. Kotrbaty. 2,121,037; June 21.
- Building construction. G. F. Kotrbaty. 2,141,919; Dec. 27.
- Building construction. B. London. 2,122,479; July 5.
- Building construction. S. R. McKay. 2,120,709; June 14.
- Building construction. R. W. McLaughlin, Jr. 2,118,218; May 24.
- Building construction. R. B. Millard. 2,128,375; Aug. 30.
- Building construction. D. V. Nelson. 2,124,311; July 19.
- Building construction. S. F. Nielsen and F. Bostad. 2,139,907; Dec. 13.
- Building construction. R. M. Nyhagen, Jr. 2,114,906; Apr. 19.
- Building construction. A. A. Prive. 2,132,832; Oct. 11.
- Building construction. G. Slayter and H. W. Collins. 2,140,771; Dec. 20.
- Building construction. H. Smith. 2,116,003; May 3.
- Building construction. F. Streich. 2,114,155; Apr. 12.
- Building construction. G. E. Swenson. 2,113,284; Apr. 5.
- Building construction. J. Sylvan. 2,109,655; Mar. 1.
- Building construction. F. M. Venzie. 2,141,888; Dec. 27.
- Building construction. C. S. Wenzel. 2,127,837; Aug. 23.
- Building construction. P. A. Wood. Re. 20,851; Sept. 6.
- Building construction. P. A. Wood. 2,116,859; May 10.
- Building construction and block therefor. J. W. Phillips. 2,124,430; July 19.
- Building construction and building elements therefor. H. Gauvin. 2,116,020; May 3.
- Building construction and structural element therefor. G. F. Kotrbaty. 2,108,065; Feb. 15.
- Building construction element. G. F. Kotrbaty. 2,119,586; June 7.
- Building construction, Hollow wall. W. A. Pride. 2,139,461; Dec. 6.
- Building construction, Prefabricated. H. W. Corbett and H. Hasenburger. 2,138,958; Dec. 6.
- Building construction, Soundproof. W. D. Barge. 2,116,654; May 10.
- Building construction, Soundproof. C. D. Stevens. 2,115,238; Apr. 26.
- Building covering construction. L. H. Mattes. 2,114,451; Apr. 19.
- Building covering unit. W. B. Fried. 2,135,572; Nov. 8.
- Building device. V. A. Barnhart. 2,123,225; July 12.
- Building element, Faced. K. Turk. 2,135,544; Nov. 8.
- Building elements and the like, Making. N. P. Harshberger and S. A. Ochs. 2,131,043; Sept. 27.
- Building frame construction. H. H. Payzant. 2,117,070; May 10.
- Building, Heating. L. P. Evans. 2,117,712; May 17.
- Building insulation. L. D. Morton. 2,123,761; July 12.
- Building material. J. T. Rocque. 2,128,540; Aug. 30.
- Building material and making same. L. Kirschbraun. 2,104,082; Jan. 4.
- Building material and producing the same. M. Palmieri and A. J. Beck. 2,140,850; Dec. 20.
- Building material, Composite. M. Lederer. 2,124,921; July 26.
- Building material, Making. N. P. Harshberger and S. A. Ochs. 2,131,044; Sept. 27.
- Building, Portable. N. S. Bellman. 2,124,242; July 19.
- Building, Prefabricated. J. C. Estes. 2,131,462-4; Sept. 27.
- Building, Prefabricated. A. T. Levy. 2,104,869; Jan. 11.
- Building, Prefabricated. A. T. Levy. 2,104,875; Jan. 11.
- Building, Prefabricated. A. T. Levy. 2,104,877; Jan. 11.
- Building, Prefabricated. A. T. Levy. 2,131,465-7; Sept. 27.
- Building, Prefabricated. J. H. Magnuson. 2,104,878; Jan. 11.
- Building, Prefabricated. J. H. Miner. 2,142,060; Dec. 27.
- Building, Prefabricated. J. A. Wetherbee. 2,104,876; Jan. 11.
- Building structure. E. H. Coe. 2,107,523; Feb. 8.
- Building structure. R. G. Godson. 2,128,137; Aug. 23.
- Building structure. J. M. Le Grand. 2,116,270; May 3.
- Building structure. H. C. Liphthrott. 2,138,182; Nov. 29.
- Building structure. F. E. McCabe. 2,116,530-5; May 10.
- Building structure. C. H. Michel. 2,124,826-7; July 26.
- Building structure. E. H. Piersen and J. C. Anderson. 2,124,519; July 19.
- Building structure. R. Zoettl. 2,114,244; Apr. 12.
- Building structure and joint therefor. G. F. Kotrbaty. 2,111,634; Mar. 22.
- Building structure, Insulated. C. J. Van Buren. 2,104,500; Jan. 4.
- Building system. E. R. Locke. 2,141,397; Dec. 27.
- Building system, Inorganic. M. Foster. 2,109,265; Feb. 22.
- Building unit. V. A. Barnhart. 2,138,015; Nov. 29.
- Building unit. V. J. Hultquist. 2,106,177; Jan. 25.
- Building unit. C. G. Teunon. 2,130,911; Sept. 20.
- Building unit and wall. J. W. Warren. 2,108,387; Jan. 25.
- Building unit or slab and assembling same, Pre-cast. C. M. Huntington. 2,116,946; May 10.
- Building unit, Reinforced frangible material. R. L. Davison. 2,119,318; May 31.
- Buildings, Method of and apparatus for insulating. T. T. Tucker. 2,130,372; Sept. 20.
- Bulb and socket, Antitheft. M. Mollan. 2,129,379; Sept. 6.
- Bulbs, Making frosted. J. J. Flaherty. 2,137,683; Nov. 22.
- Bulbs, Manufacture of reflector. O. H. Biggs. 2,123,706; July 12.
- Bulkhead for refrigerator cars. V. E. Sisson. 2,133,722; Oct. 18.
- Bulkhead, Freight car. H. J. Lee. 2,127,978; Aug. 23.
- Bulldozer. G. S. Allin. 2,125,481; Aug. 2.
- Bulldozer. G. S. Allin and T. P. Flynn. 2,108,466; Feb. 15.
- Bulldozer. G. S. Allin and T. P. Flynn. 2,134,019; Oct. 25.
- Bulldozer and the like. C. Le Bleu. 2,133,549; Oct. 18.
- Bullet. H. E. G. T. Gerlich. 2,110,264; Mar. 8.
- Bullet, Disintegrating. G. A. Poisy. 2,105,528; Jan. 18.
- Bullet hole gauge. F. M. Hakenjos and C. B. Lister. 2,117,317; May 17.
- Bullet molding device. C. B. Cramer. 2,114,015; Apr. 12.
- Bullet sizing and lubricating device. G. R. Sharp. 2,133,873; Oct. 18.
- Bulletin board. T. F. Gossett. 2,104,366; Jan. 4.
- Bumper. H. A. Flogaus. 2,113,616; Apr. 12.
- Bumper. B. Henken. 2,119,434; May 31.
- Bumper. G. A. Lyon. 2,141,718; Dec. 27.
- Bumper. W. L. Morrison. 2,131,746; Oct. 4.



- Bumper. J. Schulman. 2,111,814; Mar. 22.  
 Bumper and collision indicator for automobiles, Safety. E. T. Brown. 2,120,459; June 14.  
 Bumper and holder, Combination door. L. Maier. 2,116,444; May 3.  
 Bumper, Automobile. J. F. King. 2,137,914; Nov. 22.  
 Bumper, Automobile. H. G. Thunder. 2,134,422; Oct. 25.  
 Bumper coupling, Self locking. P. L. Brattain. 2,127,387; Aug. 16.  
 Bumper for hedge shears. F. H. Rauh. 2,105,332; Jan. 11.  
 Bumper, Vehicle. L. Miller. 2,117,201; May 10.  
 Bumper, Vertical. A. S. Campbell. 2,106,130; Jan. 18.  
 Bumper, Vertical. A. S. Campbell. 2,138,782; Nov. 29.  
 Bumpers, Making. G. A. Lyon. 2,141,719; Dec. 27.  
 Bumping extension. C. Drude. 2,134,108; Oct. 25.  
 Bun slicing machine. R. R. Springer. 2,109,438; Feb. 22.  
 Bunch and filling builder. B. M. Newsom and S. Burge. 2,113,491; Apr. 5.  
 Bunch builder and safety latch. J. L. Lyle. 2,140,084; Dec. 13.  
 Bunch builder attachment for winding machines. J. M. Burnett. 2,130,067; Sept. 13.  
 Bunch builder for spinning mules. C. J. Paolucci. 2,125,196; July 26.  
 Bundle, Bale tie. A. G. Delany. 2,124,271; July 19.  
 Bundling machine. R. Neher. 2,113,549; Apr. 5.  
 Bung. C. Kranz. 2,118,314; May 24.  
 Bung, Antiseptic. L. Brendel. 2,124,685; July 26.  
 Bunion pad. C. L. Moon. 2,134,831; Nov. 1.  
 Bunker for railway refrigerator cars. G. G. Gilpin. 2,107,862; Feb. 8.  
 Buoy, Automatically lighted life saving ring. G. A. F. Winckler. 2,109,813; Mar. 1.  
 Buoy, Light. T. O. Day. 2,119,854; June 7.  
 Burglar alarm switch. J. Pickard. 2,105,006; Jan. 11.  
 Burial apparatus. B. F. Austin. 2,130,056; Sept. 13.  
 Burial apparatus. W. W. Haase. 2,112,286; Mar. 29.  
 Burling table. H. W. Birch. 2,105,715; Jan. 18.  
 Burner. See—  
   Alcohol burner.                   Lantern burner.  
   Combination burner.           Liquid fuel burner.  
   Fluid fuel burner.           Oil burner.  
   Fuel burner.               Oil and gas burner.  
   Furnace burner.           Pit burner.  
   Garbage burner.           Regulatable vaporizing burner.  
   Gas burner.               Submerged combustion burner.  
   Gaseous fuel burner.       Tube burner.  
   Hydrocarbon burner.  
   Incense burner.  
   Lamp burner.  
 Burner. O. L. Appleby. 2,116,691; May 10.  
 Burner. C. A. Borland. 2,121,948; June 28.  
 Burner. R. S. Coulter and A. F. Schumann. 2,134,471; Oct. 25.  
 Burner. J. E. Greenawalt. 2,112,888; Apr. 5.  
 Burner. C. H. Hall and F. L. Hilder. 2,133,447; Oct. 18.  
 Burner. M. H. Keating and A. T. Larson. 2,123,365; July 12.  
 Burner. H. J. Long and H. Albrecht. 2,114,848; Apr. 19.  
 Burner. B. L. Matthews and J. T. Marvin. 2,107,575; Feb. 8.  
 Burner. F. W. Ofeldt. 2,128,264; Aug. 30.  
 Burner. T. E. Potts. 2,107,646; Feb. 8.  
 Burner. M. J. Roberts. 2,123,204; July 12.  
 Burner. F. G. Schwalbe. 2,131,977; Oct. 4.  
 Burner. M. B. Smith and E. E. Carlson. 2,118,741; May 24.  
 Burner. M. C. Spencer. 2,117,108; May 10.  
 Burner. S. White. 2,138,128; Nov. 29.  
 Burner air control, Oil. C. G. Sigwald. 2,140,212; Dec. 13.  
 Burner and control unit for furnaces. H. A. Crary. 2,131,221; Sept. 27.  
 Burner apparatus, Oil. W. F. Austin. 2,111,202; Mar. 15.  
 Burner arrangement, Multiple. G. E. Seil. 2,137,185; Nov. 15.  
 Burner assembly, Top. J. T. Marvin and B. L. Matthews. 2,109,497-8; Mar. 1.  
 Burner attachment for heating water, Cooking stove. D. O. Mayer. 2,122,844; July 5.  
 Burner construction. J. T. Voorheis. 2,132,521; Oct. 11.  
 Burner construction, Oil. N. F. Bennett. 2,135,786; Nov. 8.  
 Burner construction, Pilot. F. A. Gauger. 2,124,915; July 26.  
 Burner control. J. Eaton. 2,134,550; Oct. 25.  
 Burner control, Fluid fuel. J. P. Kriechbaum. 2,119,503; May 31.  
 Burner control system. C. G. Kronmiller. 2,138,792; Nov. 29.  
 Burner control system, Fuel. F. D. Joesting. 2,118,886; May 31.  
 Burner control system, Fuel. E. D. Lijja. 2,126,199; Aug. 9.  
 Burner control system, Fuel. H. T. Sparrow. 2,138,794; Nov. 29.  
 Burner control system, Gas. V. G. Vaughan. 2,125,473; Aug. 2.  
 Burner control system, Variable temperature. C. Penn. 2,136,753; Nov. 15.  
 Burner for gardens and orchards, Adjustable oil. S. Yoshinaka. 2,124,328; July 19.  
 Burner for hurricane lanterns. B. Nier. 2,123,794; July 12.  
 Burner for incandescent light. H. Lahde. 2,133,707; Oct. 18.  
 Burner for liquid fuel. C. Pulejo and J. Staub. 2,110,963; Mar. 15.  
 Burner for pulverized fuel. L. V. Andrews. 2,136,777; Nov. 15.  
 Burner for sintering machines. R. B. Horn. 2,109,149; Feb. 22.  
 Burner, Gas. F. H. Schneider. Re. 20,662; Feb. 22.  
 Burner ignition apparatus. H. L. Sneed. 2,133,215; Oct. 11.  
 Burner ignition control, Fluid fuel. I. E. McCabe. 2,140,708; Dec. 20.  
 Burner installation for boilers. R. A. Sharp. 2,126,417; Aug. 9.  
 Burner mounting, Range. J. Dennis and J. W. Morgan. 2,121,477; June 21.  
 Burner regulating mechanism. O. L. Bock. 2,117,787; May 17.  
 Burner safety control. O. L. Bock. 2,111,744; Mar. 22.  
 Burner support and burner for furnaces. D. Van Law. 2,113,846; Apr. 12.  
 Burner system, Oil. W. G. Winsor, Jr., and A. A. La Pointe. 2,123,085; July 5.  
 Burner system, Preignition oil. J. P. Kriechbaum. 2,108,770; Feb. 15.  
 Burner unit. J. P. Brosius. 2,138,998; Dec. 6.  
 Burner unit, Oil. C. L. Gohmann. 2,112,460; Mar. 29.  
 Burners, System of control for. H. E. Lake. 2,129,094; Sept. 6.  
 Burr moving machine. H. W. Haynes. 2,141,135; Dec. 20.  
 Burring tool. J. T. Kilbride and E. W. Carpenter. 2,114,364; Apr. 19.  
 Bus-bar. R. W. Shoemaker. 2,110,743; Mar. 8.  
 Bus body. E. M. Hicks. 2,104,989; Jan. 11.  
 Bus body construction. W. B. Stout. 2,119,655; June 7.  
 Bus clamp. F. J. Arnold. 2,134,849; Nov. 1.  
 Bus, School. J. K. Farris. 2,112,150; Mar. 22.  
 Bushing. H. H. Mapelsden. 2,115,495; Apr. 26.  
 Bushing and clamp, Combination. R. E. Woolley. 2,134,350; Oct. 25.  
 Bushing and making the same, Resilient. F. M. Guy. 2,122,839; July 5.  
 Bushing and method and apparatus for making same, Resilient. O. B. Welker. 2,110,783; Mar. 8.  
 Bushing, Drive. D. L. Driscoll. 2,136,418; Nov. 15.  
 Bushing for steel barrel heads. D. W. Curtis. 2,122,054; June 28.  
 Bushing, High current. T. F. Brandt. 2,135,321; Nov. 1.  
 Bushing, High voltage. E. D. Eby. 2,109,368; Feb. 22.  
 Bushing, High voltage. E. D. Eby. 2,114,875; Apr. 19.  
 Bushing, High voltage. L. Wetherill. 2,116,419; May 3.  
 Bushing, Insulated. R. J. Tingle, W. W. Barclay, and J. E. Fuchs. 2,137,313; Nov. 22.  
 Bushing, Kelly. W. A. Vock. 2,140,659; Dec. 20.  
 Bushing locating and rotating means. O. R. Briney. 2,107,051; Feb. 1.  
 Bushing, Metal tube lead-in. L. E. Mitchell. 2,106,394; Jan. 25.  
 Bushing remover. J. F. Herbert. 2,106,741; Feb. 1.  
 Bushing, Resilient. O. B. Welker. 2,115,437; Apr. 26.  
 Bushing, Resilient. O. B. Welker. 2,116,254; May 3.  
 Bushing structure. A. A. Skvortzoff. 2,125,089; July 26.  
 Bushing structures, Forming. M. Schwartz. 2,131,978; Oct. 4.  
 Bushings, Apparatus for making resilient. O. B. Welker. 2,117,046; May 10.  
 Business machine. T. M. Butler. 2,136,671; Nov. 15.  
 Bust support. V. F. Kemp. 2,104,867; Jan. 11.  
 Bust suspensor. L. Bergmann. 2,128,600; Aug. 30.  
 Butadiene derivatives, Soluble halogen containing. E. Gebauer-Fuelnegg and E. W. Moffett. 2,112,987; Apr. 5.  
 Butadienes and preparing them, Halogen substituted. W. H. Carothers. 2,104,789; Jan. 11.  
 Butanol and acetone by fermentation of molasses, Producing. R. Arroyo. 2,113,471; Apr. 5.  
 Butcher block. E. M. Sprich. 2,110,560; Mar. 8.  
 Butt-hinged structure. H. J. Koerner. 2,115,816; May 3.  
 Butt welding device for metal strips. E. B. Hudson. 2,121,665; June 21.  
 Butt welding, Resistance. R. T. Gillette. 2,114,837; Apr. 19.  
 Butter cutter. S. Bloomfield. 2,114,277; Apr. 19.  
 Butter dispenser. I. G. Johnson and W. N. Larcott. 2,104,041; Jan. 4.  
 Butter dispenser. R. J. Miller and M. C. Dunrad. 2,140,242; Dec. 13.  
 Butter mold. H. B. Butler. 2,135,025; Nov. 1.  
 Butter, Packing. A. Lowenfels. 2,115,977; May 3.  
 Butter serving implement. J. M. Yarnum. 2,111,367; Dec. 27.  
 Butter substitutes, Coloring of. F. E. Boehm. 2,107,851; Feb. 8.  
 Butterfat in cheese, Process to prevent the sifting off or leakage of. H. L. Wilson and W. T. Johnson, Jr. 2,127,153; Aug. 16.  
 Butterfat in cream, Determining. R. E. Wood. 2,129,516; Sept. 6.



- Butterfly valve. C. H. Auger. 2,114,168; Apr. 12.  
 Butterfly valve. S. F. Briggs. 2,105,343; Jan. 11.  
 Butterfly valve. K. Iida. 2,119,816; June 7.  
 Butterflies, Preserving. K. Deubel. 2,116,752; May 10.  
 Button. J. A. and W. A. Devendor. 2,108,255; Feb. 15.  
 Button attachment, Horn. G. L. Callery. 2,141,374; Dec. 27.  
 Button, Decorative. A. H. Levy. 2,128,095; Aug. 23.  
 Button fastener. A. Illsche. 2,127,363; Aug. 16.  
 Button fastener. G. Lyle. 2,122,208; June 28.  
 Button fastener. G. A. Robbins. 2,104,885; Jan. 11.  
 Button former. F. C. Elder. 2,108,917; Feb. 22.  
 Buttonhole machine. F. A. Reece. 2,133,360; Oct. 18.  
 Button hole stitching attachment. G. Minkowitz. 2,119,111; May 31.  
 Button, Hose supporter. H. J. Stuart. 2,107,453; Feb. 8.  
 Button inserter, Collar. C. J. Yumont. 2,115,545; Apr. 26.  
 Button in two parts. K. Vesely. 2,136,161; Nov. 8.  
 Button making machine. A. A. Scott, Jr. 2,133,906; Oct. 18.  
 Button, Mattress tufting. A. A. Cavicchi. 2,112,479; Mar. 29.  
 Button, Medicated. W. M. Scholl. 2,115,237; Apr. 26.  
 Button positioning means and mechanism. B. Bares. 2,136,536; Nov. 15.  
 Button positioning mechanism. O. J. Huelster. 2,134,404; Oct. 25.  
 Button, Separable. J. Hoinowski. 2,124,975; July 26.  
 Button, Sew-on. L. R. Carley. 2,110,645; Mar. 8.  
 Button snap. F. L. Kelly. 2,129,356; Sept. 6.  
 Button, Tufting. J. Martin. 2,139,128; Dec. 6.  
 Button, Tufting. R. E. Miller. 2,124,859; July 26.  
 Button with detachable head, Collar. H. S. Christopher-sen. 2,130,263; Sept. 13.  
 Butyl and other dixanthogens, Secondary. M. W. Mac-Afee. 2,120,285; June 14.  
 Butyl esters of alpha, alpha-dimethyl-alpha'-carboxy-dihydro-gamma-pyrone and to process for making the same. J. H. Ford. 2,138,540; Nov. 29.  
 By-products during the production of gas and coke, Recovery of valuable. W. Reppekus. 2,116,641; May 10.  
 C-clamp type hand tool. P. Gelinski. 2,133,892; Oct. 18.  
 Cab, Elevator. L. E. Klein. 2,133,621; Oct. 18.  
 Cabin, Aircraft. D. R. Berlin and W. O. Watson. 2,122,449; July 5.  
 Cabin structure, Log. E. A. Forciea. 2,130,231; Sept. 13.  
 Cabin with parachute, Detachable. H. L. Adams. 2,120,477; June 14.  
 Cabinet: See—  
   Bacteria plate cabinet. Panel cabinet.  
   Bar cabinet. Paper cabinet.  
   Card tray cabinet. Paper dispensing cabinet.  
   Collapsible table cabinet. Printer's type cabinet.  
   Cooling cabinet. Radio cabinet.  
   Dark cabinet. Refrigerator cabinet.  
   Dental cabinet. Sewing cabinet.  
   Dispensing cabinet. Sewing machine cabinet.  
   Display and delivery cabi-net. Shower-bath cabinet.  
   Display cabinet. Sleeping cabinet.  
   Drain cabinet. Storage cabinet.  
   File cabinet. Switch cabinet.  
   Filing cabinet. Thread spool cabinet.  
   Ice cream cabinet. Towel cabinet.  
   Ironing machine cabinet. Towel dispensing cabinet.  
   Kitchen cabinet. Towel service cabinet.  
   Meter cabinet. Towel vending cabinet.  
   Milk cooling cabinet. Utility cabinet.  
   Mothproof cabinet. Typewriter cabinet.  
   Vegetable crisping cabinet.  
 Cabinet. W. I. Chase. 2,126,617; Aug. 9.  
 Cabinet. A. J. Dinkel. 2,136,843; Nov. 15.  
 Cabinet. W. Gersten. 2,104,321; Jan. 4.  
 Cabinet. W. Gersten. 2,105,783; Jan. 18.  
 Cabinet. F. Strain. 2,115,239; Apr. 26.  
 Cabinet and daily reminder, Reservations. F. D. Schmiede-mann. 2,132,652; Oct. 11.  
 Cabinet and receptacle forming a part thereof, Filing. E. S. Roscoe. 2,125,813; Aug. 2.  
 Cabinet and shelf construction, Refrigerator. P. T. Sywert. 2,118,659; May 24.  
 Cabinet and the like. J. L. Palley and E. Werner. 2,126,134-5; Aug. 9.  
 Cabinet, Constructing a. L. H. Darbyshire. 2,117,082; May 10.  
 Cabinet construction. J. M. Connelly. 2,123,403; July 12.  
 Cabinet construction. W. F. Regenhart. 2,123,803; July 12.  
 Cabinet construction for radio receivers. F. Cutting and H. A. Gates. 2,138,959; Dec. 6.  
 Cabinet design. L. H. Darbyshire. Re. 20,610; Jan. 4.  
 Cabinet door latch. S. J. Henderson. 2,130,302; Sept. 13.  
 Cabinet for automobiles, Seat. A. Armour. 2,136,407; Nov. 15.  
 Cabinet for combination radio, phonograph, and micro-telephone, Portable. L. A. Herzog. 2,124,194; July 19.  
 Cabinet for ice cream and the like, Storage. W. P. Cris-man. 2,112,015; Mar. 22.  
 Cabinet for ice cream and the like, Storage. W. P. Cris-man. 2,112,482; Mar. 29.  
 Cabinet for loudspeakers. L. C. Roy. 2,129,184; Sept. 6.  
 Cabinet for solid fuel cook stoves, Utility. G. E. Pickup. 2,122,489; July 5.  
 Cabinet having a fireplace and dinette set therein, Com-bination. M. Golod and D. Kantrowitz. 2,112,087; Mar. 22.  
 Cabinet heater. G. E. Pickup. 2,120,941; June 14.  
 Cabinet latch. W. Ellison. 2,115,947; May 3.  
 Cable: See—  
   Electric cable. Insulated electrical cable.  
   Electrical cable. Multiconductor signaling  
   Electrical overhead cable. cable.  
   High tension gas-filled Network cable.  
   cable. Oil filled cable.  
   Insulated cable. Submarine cable.  
 Cable. K. S. Wyatt. 2,112,322; Mar. 29.  
 Cable and connector, Battery. A. H. Walde. 2,111,107; Mar. 15.  
 Cable and jointing the same, Oil filled. V. A. Sheals. 2,133,405; Oct. 18.  
 Cable and making same, Electric. H. E. Thompson. 2,138,362; Nov. 29.  
 Cable and manufacturing it, Electric. E. P. Barrett. 2,121,942; June 28.  
 Cable and manufacturing the same, Electric. E. H. Lewis and C. O. Hull. 2,119,393; May 31.  
 Cable and pipe clutch. C. D. Garriott. 2,106,373; Jan. 25.  
 Cable and protecting the lead against corrosion, Lead sheathed. H. Benit. 2,076,66; June 21.  
 Cable and repairing the same, Electric. M. Puritz. 2,133,398-9; Oct. 18.  
 Cable bonding means. F. G. Gardner. 2,126,002; Aug. 9.  
 Cable clamp. E. K. Cole. 2,114,702; Apr. 19.  
 Cable clamp. G. P. Schwabacher. 2,137,858; Nov. 22.  
 Cable clamp. O. F. Tallman. 2,110,408; Mar. 8.  
 Cable comprising one or more screened core groups, Com-munication. H. Kaden, P. Thomas, and H. Wassmans-dorff. 2,109,334; Feb. 22.  
 Cable connector. A. Corbett and J. M. G. Fullman. 2,139,259; Dec. 6.  
 Cable connector. H. F. Crotty. 2,111,419; Mar. 15.  
 Cable connector. B. Dibner. 2,118,666; May 24.  
 Cable connector. N. A. Tornblom. 2,134,655; Oct. 25.  
 Cable connector and support. W. Oeding. 2,118,103; May 24.  
 Cable connector fitting. W. M. Selig. 2,120,993; June 21.  
 Cable cutter. R. Temple, Jr. 2,140,338; Dec. 13.  
 Cable for transmitting electric power. E. F. W. Alexan-derson. 2,141,894; Dec. 27.  
 Cable-gripper. E. F. Dwight. 2,120,066; June 7.  
 Cable installation, Overhead. F. W. Engster. 2,136,238; Nov. 8.  
 Cable outlet. G. Gort. 2,136,546; Nov. 15.  
 Cable outlet, Parkway. G. Gort. 2,109,616; Mar. 1.  
 Cable outlet, Parkway. G. Gort. 2,113,787; Apr. 12.  
 Cable outlet, Parkway. G. Gort. 2,114,681; Apr. 19.  
 Cable outlet, Parkway. G. Gort. 2,129,837; Sept. 13.  
 Cable plug. J. J. Harley. 2,128,412; Aug. 30.  
 Cable protecting device. G. Weggum. 2,139,396; Dec. 6.  
 Cable protector for battery terminals. D. L. Dixon. 2,136,005; Nov. 8.  
 Cable receiving system, Submarine. H. F. Wilder. 2,136,910; Nov. 15.  
 Cable reel. F. Cartledge. 2,126,172; Aug. 9.  
 Cable securing hook and glider. A. F. Mantz. 2,128,007; Aug. 23.  
 Cable sheath extruding press. C. H. Greenall. 2,131,173; Sept. 27.  
 Cable strand, Bridge. J. F. Howe and M. W. Reed. 2,141,138; Dec. 20.  
 Cable stripper. V. C. Huff. 2,141,002; Dec. 20.  
 Cable stripping tool. P. G. Edwards, H. G. Jordan, and S. P. Shackleton. 2,120,398; June 14.  
 Cable supporting device. C. H. Klein. 2,106,006; Jan. 18.  
 Cable system, Undersea. J. F. Wentz. 2,110,457; Mar. 8.  
 Cable terminal. W. J. Buehring. 2,134,395; Oct. 25.  
 Cable terminal. A. W. Dring. 2,114,017; Apr. 12.  
 Cable terminal. L. W. Kelsay. 2,126,891; Aug. 16.  
 Cable tie or fastening. G. W. Rusler. 2,121,510; June 21.  
 Cable winding and reeling device, Electric. J. W. Harris. 2,112,776; Mar. 29.  
 Cable winding mechanism, Transportable. B. F. Fitch. 2,105,476; Jan. 18.  
 Cable with air space insulation, Electric. E. Studt and C. Traugott. 2,131,987; Oct. 4.  
 Cable wrapping. G. G. Greene and F. A. Pneuman. 2,132,566; Oct. 11.  
 Cable wrapping machine. H. C. Hunter. 2,117,959; May 17.  
 Cables, Apparatus for producing steel. W. H. Furness. 2,139,011; Dec. 6.  
 Cables, Joining power transmitting. L. K. Davis. 2,109,837; Mar. 1.  
 Cables, Manufacture of electric. R. S. Vincent. 2,139,051; Dec. 6.  
 Cables, Method and apparatus for manufacturing elec-trical. M. Klein. 2,130,394; Sept. 20.  
 Cables, Method of and apparatus for constructing sus-pension. C. C. Sunderland. 2,119,366; May 31.  
 Cables, Method of and apparatus for laying submarine. C. S. Lawton. Re. 20,665; Mar. 1.  
 Cables, Sheathing electric. B. B. Reinitz. 2,138,614; Nov. 29.



- Cadmium bearing materials, Treating. W. H. Leverett. 2,138,281; Nov. 29.
- Cadmium, Purifying metallic. A. D. H. L. Fassotte and R. Favre. 2,112,191; Mar. 22.
- Cadmium red, Making. W. F. Meister. 2,134,055; Oct. 25.
- Cage. C. E. Sacre. 2,129,786; Sept. 13.
- Cage, Bird. S. C. Rodess. 2,120,262; June 14.
- Cage construction. M. L. Shulman. 2,133,637; Oct. 18.
- Cage, Poultry fountain. A. Gulla. 2,138,544; Nov. 29.
- Cage, Roller bearing. W. L. Scribner. 2,105,013; Jan. 11.
- Cage, Tank holding. J. D. Lewis. 2,104,130; Jan. 4.
- Cages for cylindrical roller bearings, Producing sheet metal. H. Beck. 2,122,365; June 28.
- Caisson. W. F. Schmidt and T. J. Bresina. 2,129,336; Sept. 6.
- Cake. B. R. Harris. 2,132,417; Oct. 11.
- Cake and product employed therewith, Method of making cheese. M. B. Libanoff. 2,112,442; Mar. 29.
- Cake box. F. W. Broderick. 2,112,879; Apr. 5.
- Cake layers, Apparatus for forming. C. Gottfried and J. MacManus. 2,115,102; Apr. 26.
- Cakepan, Tubed. J. G. Jackson. 2,135,342; Nov. 1.
- Calceining apparatus. J. L. McFarland. 2,115,586; Apr. 26.
- Calcium arsenate, Manufacture of. A. H. Henninger. 2,122,861; July 5.
- Calcium carbonate which does not agglomerate, Producing finely divided. E. M. Allen and G. M. Lynn. 2,140,375; Dec. 13.
- Calcium compound and composition suitable for hypocalcemia alleviation. G. L. Jenkins. 2,140,291; Dec. 13.
- Calcium compounds, Manufacture of water-soluble. A. Stoll and E. Burckhardt. 2,134,456; Oct. 25.
- Calcium magnesium chloride, Treatment of. P. R. Martin. 2,124,233; July 19.
- Calcium, Making. J. D. Hanawalt and C. E. Nelson. 2,122,420; July 5.
- Calcium metaphosphate, Making. H. A. Curtis. 2,113,574; Apr. 12.
- Calcium nitrate for ammoniacal gases, Manufacture of. H. Pauling. 2,136,994; Nov. 15.
- Calcium phosphate, alumina and potassium values from their insoluble minerals, Recovery of. G. de Varda. 2,104,295; Jan. 4.
- Calculating and recording machine, Combined. H. A. Footorap. 2,126,320; Aug. 9.
- Calculating attachment for printing machines. C. H. Sampson. 2,116,286; May 3.
- Calculating attachment for typewriters. C. H. Sampson. 2,116,285; May 3.
- Calculating device. C. J. Dussell. 2,117,155; May 10.
- Calculating machine. W. Arnett. 2,111,349; Mar. 15.
- Calculating machine. G. J. M. Bister. 2,119,003; May 31.
- Calculating machine. E. F. Britten, Jr. 2,121,683; June 21.
- Calculating machine. T. M. Butler. 2,118,588; May 24.
- Calculating machine. C. Campbell. 2,113,612; Apr. 12.
- Calculating machine. R. A. Christian. 2,127,673; Aug. 23.
- Calculating machine. R. A. Christian. 2,134,683; Nov. 1.
- Calculating machine. J. R. Ganger. 2,139,743; Dec. 13.
- Calculating machine. A. Kottmann. 2,130,723; Sept. 20.
- Calculating machine. J. M. Laiho. 2,136,694; Nov. 15.
- Calculating machine. W. E. Mathl. 2,117,620; May 17.
- Calculating machine. R. L. Muller. 2,139,131; Dec. 6.
- Calculating machine. R. L. Muller. 2,139,168-9; Dec. 6.
- Calculating machine. F. A. Niemann. 2,104,051; Jan. 4.
- Calculating machine. F. A. Niemann and J. A. V. Turek. 2,130,364; Sept. 20.
- Calculating machine. W. J. Pasinski. 2,107,582; Feb. 8.
- Calculating machine. E. Raczy. 2,123,590; July 12.
- Calculating machine. K. V. Rudin. 2,108,596; Feb. 15.
- Calculating machine. C. Schluns. 2,132,192; Oct. 4.
- Calculating machine and the like. B. Carlström and R. Hansson. 2,105,520; Jan. 18.
- Calculating machine differential mechanism. T. O. R. Dahlberg. 2,108,476; Feb. 15.
- Calculator. R. P. Ball. 2,118,773; May 24.
- Calculator. E. H. Schane. 2,133,046; Oct. 11.
- Calculator, Hosiery. P. Verdier. 2,125,530; Aug. 2.
- Calculator, Listing. L. P. Crossman. 2,134,280; Oct. 25.
- Calendar. J. Grantham. 2,134,183; Oct. 25.
- Calendar. C. L. Post. 2,131,482; Sept. 27.
- Calendar. O. P. Winford. 2,108,221; Feb. 15.
- Calendar and the like. H. Janssen. 2,110,668; Mar. 8.
- Calendar, Booklet. R. P. Dickerson. 2,128,989; Sept. 6.
- Calendar, Catamenial. E. E. Mansur. 2,118,354; May 24.
- Calendar, Cycle. W. J. Rahn. 2,134,928; Nov. 1.
- Calendar, Perpetual. J. R. Schoenbaum. 2,116,288; May 3.
- Calendar, Record. L. F. Murgula. 2,127,612; Aug. 23.
- Calf feeder. E. G. Vanderbilt. 2,119,691; June 7.
- Calk for boots and shoes, Detachable. C. T. Barnes. 2,128,891; Sept. 6.
- Calking and sealing composition. E. L. Baldeschwieler. 2,131,342; Sept. 27.
- Calking unit. L. Francis. 2,138,696; Nov. 29.
- Calks for horseshoes, Manufacturing exchangeable. J. O. Nygaard and O. Mjølén. 2,117,817; May 17.
- Calks to athletic shoe soles, Apparatus for securing. F. C. Phillips. 2,120,711; June 14.
- Call board for hotels, Electric. G. Johnson. 2,124,490; July 19.
- Call transmitter. C. D. Richard. 2,133,475; Oct. 18.
- Calling device. H. F. Obergfell. 2,133,469; Oct. 18.
- Calorimeter, Throttling. B. H. Stone. 2,120,874; June 14.
- Cam and follower mechanism. G. J. Trapp. 2,107,456; Feb. 8.
- Cam block for knitting machines. R. H. Lawson and W. L. Smith, Jr. 2,123,534; July 12.
- Cam follower mechanism. E. Franke. 2,137,081; Nov. 15.
- Cam for knitting machines. R. H. Lawson and W. L. Smith, Jr. 2,126,646; Aug. 9.
- Cam grinding apparatus. C. J. Green. 2,109,386; Feb. 22.
- Cam grinding apparatus. C. J. Green. 2,132,949; Oct. 11.
- Cam grinding machine, Automatic. H. A. Silven and C. G. Flygare. 2,117,916; May 17.
- Cam means. D. H. Montgomery. 2,124,167; July 19.
- Camera. J. Mihalyi. 2,105,256; Jan. 11.
- Camera. G. B. Pollock. 2,129,959; Sept. 13.
- Camera. W. L. Wright. 2,127,197; Aug. 18.
- Camera adapted to take motion pictures and still pictures. H. Abrams. 2,116,551; May 10.
- Camera adjusting mechanism. H. G. Cunningham. 2,140,260; Dec. 13.
- Camera and attachments therefor, Photographic. N. P. Billing. 2,137,378; Nov. 22.
- Camera and focusing means therefor, Photographic. A. C. Parlini. 2,124,468; July 19.
- Camera and magazine therefor. A. Kindelmann. 2,109,538; Mar. 1.
- Camera and projector apparatus, Cinematograph. F. F. M. Abbott. 2,104,631; Jan. 4.
- Camera and range finder. A. Nagel. 2,135,989; Nov. 8.
- Camera and the like, Motion picture. B. Stechbart and G. A. Brueske. 2,141,960; Dec. 20.
- Camera attachment. D. R. Farnen. 2,132,683; Oct. 11.
- Camera attachment. O. C. Gilmore. 2,137,570; Nov. 22.
- Camera attachment. J. W. McFarlane. 2,132,694; Oct. 11.
- Camera attachment. M. Schwartz. 2,117,510; May 17.
- Camera, Automatic. W. R. Goehner. 2,129,001; Sept. 6.
- Camera body shutter release. C. W. Crumrine. 2,113,318; Apr. 5.
- Camera case. W. H. Wenstrom. 2,132,549; Oct. 11.
- Camera, Cinematographic. C. F. Jones. 2,108,201; Feb. 15.
- Camera, Collapsible. O. Wittel. 2,126,300; Aug. 9.
- Camera construction, Roll holding. A. Nagel. 2,132,696; Oct. 11.
- Camera, Coupled range finder. A. Nagel. 2,135,988; Nov. 8.
- Camera diaphragm adjusting and indicating mechanism. L. Fränkel. 2,124,248; July 19.
- Camera, Double exposure prevention. W. Lindenberg. 2,139,759; Dec. 13.
- Camera drive, Motion picture. J. A. Ball. 2,107,623; Feb. 8.
- Camera equipment unit, Copying. E. S. Hineline. 2,107,074; Feb. 1.
- Camera finder construction. C. W. Crumrine. 2,135,903; Nov. 8.
- Camera flashlight synchronizer. E. W. Krueger. 2,123,112; July 5.
- Camera, Focusing. A. A. Cook and O. E. Trautmann. 2,124,161; July 19.
- Camera, Focusing. O. E. Trautmann. 2,117,231; May 10.
- Camera for multi-photography, Photographic. J. P. Hanssen. 2,125,560; Aug. 2.
- Camera lens substitution device, Moving picture. J. L. Spence, Jr., and J. F. Leventhal. 2,120,654; June 14.
- Camera, Loose sheet. R. H. Draeger. 2,141,176; Dec. 27.
- Camera model. E. N. Ankettell. 2,104,476; Jan. 4.
- Camera, Motion picture. H. Becker. 2,105,631; Jan. 18.
- Camera, Motion picture. O. W. Githens, G. Kenda, and E. M. Porter. 2,133,743; Oct. 18.
- Camera, Motion picture. G. Laube, R. C. Stevens, and C. M. Miller. 2,104,948; Jan. 11.
- Camera, Moving picture. H. Becker. 2,135,026; Nov. 1.
- Camera, Panoramic. T. Gassó and F. Durio. 2,111,854; Mar. 22.
- Camera, Photoengraving. J. Honrine. 2,141,392; Dec. 27.
- Camera, Photographic. O. Barnack. 2,123,494; July 12.
- Camera, Photographic. H. Becker. 2,138,059; Nov. 29.
- Camera, Photographic. A. S. Howell. 2,125,567; Aug. 2.
- Camera, Photographic. H. Küppenbender. 2,106,894; Feb. 1.
- Camera, Photographic. H. Küppenbender. 2,107,820; Feb. 8.
- Camera, Photographic. H. Küppenbender. 2,117,428-9; May 17.
- Camera, Photographic. H. Küppenbender. 2,119,235; May 31.
- Camera, Photographic. H. Küppenbender. 2,122,865; July 5.
- Camera, Photographic. B. Mayer. 2,134,070; Nov. 1.
- Camera, Photographic. H. Newirth. 2,104,094; Jan. 4.
- Camera, Photographic. K. Pritschow and H. Dophelde. 2,106,622; Jan. 26.



- Camera, Photographic film. H. Becker. 2,105,630; Jan. 18.
- Camera, Photographic film. W. Murm. 2,119,375; May 31.
- Camera, Process. F. T. Powers. 2,115,233; Apr. 26.
- Camera, Reflex. R. E. Campbell. 2,119,200; May 31.
- Camera, Reflex. K. Nüchterlein. 2,136,148; Nov. 8.
- Camera, Roll film. L. Goldhammer. 2,132,157; Oct. 4.
- Camera, Roll holding. H. H. Harmon and N. B. Green. 2,126,324; Aug. 9.
- Camera, Roll holding. J. Mihalyi. 2,132,695; Oct. 11.
- Camera shutter. H. R. Darling. 2,119,845; June 7.
- Camera shutter. E. Koszalka, Jr. 2,119,712; June 7.
- Camera shutter. J. Mihalyi. 2,117,971; May 17.
- Camera shutter. G. C. Spicer. 2,127,705; Aug. 23.
- Camera shutter, Focal plane. W. A. Black. 2,133,011; Oct. 11.
- Camera shutter mechanism. L. Leitz and W. Stein. 2,122,671; July 5.
- Camera shutter mechanism, Focal-plane. A. C. Mayo and J. Terrett. 2,134,309; Oct. 25.
- Camera shutter release. J. Mihalyi. 2,117,972; May 17.
- Camera, Small size. L. Goldhammer. 2,111,425; Mar. 15.
- Camera, Spring front. C. W. Crumrine. 2,126,312; Aug. 9.
- Camera stop device. A. C. and H. E. Hansch. 2,135,507; Nov. 8.
- Camera stop device and timing means therefor. A. C. and H. E. Hansch. 2,135,506; Nov. 8.
- Camera support. A. E. Hart. 2,140,051; Dec. 13.
- Camera support. A. W. Tondreau. 2,111,012; Mar. 15.
- Camera support, Portable. M. Burlin. 2,130,262; Sept. 13.
- Camera, Visualizing. J. A. Slack. 2,105,557; Jan. 18.
- Camera with a rotary annular plate-magazine, Automatic aerophotographic. E. Santoni. 2,122,870; July 5.
- Camera with built-in developing device, Photographic. P. Baumgarten. 2,125,536; Aug. 2.
- Camera with focal-plane shutter. A. C. Mayo. 2,134,307; Oct. 25.
- Camera with photoelectric exposure meter, Photographic. L. Goldhammer. 2,124,292; July 19.
- Camera with range finder. H. Nagel. 2,129,229; Sept. 6.
- Camera with solid bellows. T. Tajima. 2,109,807; Mar. 1.
- Cameras on vehicles, Supporting. L. Eckler. 2,110,292; Mar. 8.
- Camphene, Preparing. C. O. Henke and G. Etzel. 2,129,323; Sept. 6.
- Camphor, Refining. L. C. Holt and G. Etzel. 2,140,872; Dec. 20.
- Camping instrument. H. Ringer. 2,109,016; Feb. 22.
- Camshaft. D. J. Campbell. 2,107,747; Feb. 8.
- Can: See—
- Ashcan and garbage can. Mixer can.
  - Cooling can. Oil can.
  - Garbage and waste can. Powder dispensing can.
  - Garbage can. Tamperproof can.
  - Handled beer can. Vacuum sealing can.
- Can. J. L. Gray. 2,120,357; June 14.
- Can. H. Sebell. 2,105,445; Jan. 11.
- Can. H. Sebell. 2,106,330; Jan. 25.
- Can. H. Sebell. 2,130,676; Sept. 20.
- Can. D. A. Spriggs. 2,121,890; June 28.
- Can aligner. P. L. Vannucci. 2,138,390; Nov. 29.
- Cap and package. J. C. Gibbs. 2,136,545; Nov. 15.
- Can bodies, Making enameled. J. H. O'Neil. 2,138,807; Nov. 29.
- Can body flanger. A. M. Cameron. 2,119,666; June 7.
- Can body making machine. A. and G. W. Johnson. 2,135,579; Nov. 8.
- Can body, Metal. J. H. O'Neil. 2,120,038; June 7.
- Can body, Sheet metal. W. G. Plumb. 2,109,802; Mar. 1.
- Can casing machine. W. D. Kimball and C. I. Braren. 2,116,793; May 10.
- Can closing machine. A. N. York. 2,133,315; Oct. 18.
- Can closure. S. E. Richeson. 2,104,438; Jan. 4.
- Can conveyer, Milk. F. Price and A. F. Palmer. 2,107,500; Feb. 8.
- Can cover. A. L. Forsberg and W. J. Chambers. 2,141,352; Dec. 27.
- Can cover. J. M. Hothersall. 2,109,484; Mar. 1.
- Can cover and fastening means therefor. H. P. Turner. 2,120,047; June 7.
- Can draining means. L. M. Durand. 2,113,268; Apr. 5.
- Can filling machine. C. H. Ayars. 2,104,445; Jan. 4.
- Can filling machine. H. A. Keck and S. A. Hurst. 2,115,335; Apr. 26.
- Can filling machine. W. E. Lacey. 2,111,071; Mar. 15.
- Can filling machine. R. Luthi. 2,124,581; July 26.
- Can head seaming machine. F. E. Fowler. 2,141,976; Dec. 27.
- Can heading machine. A. J. Fisher. 2,104,224; Jan. 4.
- Can lifter. J. B. McMillan. 2,138,498; Nov. 29.
- Can opening device. E. J. Willis. 2,138,318; Nov. 29.
- Can punch and pouring device. G. C. Seville. 2,112,470; Mar. 29.
- Can sealing apparatus. J. Junkunc. 2,137,245; Nov. 22.
- Can sealing machine. J. Junkunc. 2,112,243; Mar. 29.
- Can seaming machine. F. W. Burpee. 2,122,877; July 5.
- Can stacking machine. H. R. Evans and W. C. Hulsman. 2,135,805; Nov. 8.
- Can tapping and content dispensing device. C. G. Butler. 2,140,257; Dec. 13.
- Can testing device. G. P. Hensley. 2,106,407; Jan. 25.
- Can testing machine. F. Krueger. 2,112,536; Mar. 29.
- Can turning machine. I. H. Kendall. 2,129,137; Sept. 6.
- Can uprighting and discharging mechanism. O. B. Rufus. 2,133,044; Oct. 11.
- Can washer. P. R. Armstrong. 2,119,306; May 31.
- Can washing machine. F. F. Wolf. 2,122,018; June 28.
- Can with wax, Coating sheet metal. A. L. Kronquest. 2,138,741; Nov. 29.
- Canal, Filling. T. Frusher, Jr. 2,107,476; Feb. 8.
- Candies, Apparatus for producing peanut coated. J. S. Truesdell. 2,115,969; May 3.
- Candle holder. F. D. Sherwood. 2,104,139; Jan. 4.
- Candleholding device. F. D. Saler. 2,111,642; Mar. 22.
- Candles, Making sanctuary. D. O. C. Deckert. Re. 20,854; Sept. 13.
- Candy. C. L. Claff. 2,121,185; June 21.
- Candy cutting machine. F. A. Martoccio. 2,112,443; Mar. 29.
- Candy novelty. J. G. Homan. 2,106,097; Jan. 18.
- Candy puller. A. Poirier. 2,107,213; Feb. 1.
- Cane and stand, Combined. P. Y. K. Howat. 2,127,876; Aug. 23.
- Canopy. A. C. Wesseler. 2,135,419; Nov. 1.
- Canopy and construction pertaining thereto. P. Crosley, Jr. 2,133,846; Oct. 18.
- Canopy for baby carriages, Net. J. M. Bramnick. 2,129,080; Sept. 6.
- Canopy for brooder stoves. A. J. and L. W. Meeks. 2,104,662; Jan. 4.
- Canopy, Platform. A. G. Roach. 2,128,539; Aug. 30.
- Cans, Apparatus for drying. H. L. Minaker and L. Yarwood. 2,142,001; Dec. 27.
- Cans, Coating sheet metal. J. H. O'Neil. 2,121,404; June 21.
- Cans, Device for opening. N. N. Wiswell. 2,130,634; Sept. 20.
- Cans, Filling and closing. W. M. Vogel. 2,124,959; July 26.
- Cans, Making coated. W. F. Grupe. 2,124,853; July 26.
- Cant-hook. J. Andrejchak. 2,132,553; Oct. 11.
- Cantilever construction for mine or similar rail cars, Transverse. H. W. Sanford. 2,128,271; Aug. 30.
- Caoutchouc-like products and preparing them. L. Van Zütphen. 2,119,629; June 7.
- Cap: See—
- Bathing cap. Lug cap.
  - Bearing cap. Mandrel-bar cap.
  - Blasting cap. Milk bottle cap.
  - Bottle cap. Miner's cap.
  - Closure cap. Nose cap.
  - Connector end cap. Nurse's cap.
  - Crown cap. Plug cap.
  - Detachable cap. Radiator pressure cap.
  - Dispensing cap. Squeeze tube cap.
  - Gas tank locking cap. Twister cap.
  - Hub cap. Two-piece ketchup cap.
  - Insulator cap. Valve cap.
  - Key cap. Vehicle hub cap.
  - Knitted cap. Wire connection cap.
- Cap. R. I. Bauer. 2,111,444; Mar. 15.
- Cap. M. H. Hirsh. 2,119,330; May 31.
- Cap and adapter for same. W. N. Glab. 2,117,473; May 17.
- Cap and container, Pry-off. R. J. Stewart. 2,109,805; Mar. 1.
- Cap and dust cap puller, Hub. V. L. Du Sang. 2,108,197; Feb. 15.
- Cap and making and applying the same, Nonmetallic bottle. S. H. A. Young. 2,141,833; Dec. 27.
- Cap and making the same, Container. E. M. Enkur. 2,110,329; Mar. 8.
- Cap and package. L. A. Von Till. 2,130,749; Sept. 20.
- Cap and package, Closure. A. Podel. 2,135,731; Nov. 8.
- Cap and package, Closure. W. P. White. 2,116,938; May 10.
- Cap and scarf assembly. V. Sweet. 2,130,933; Sept. 20.
- Cap and sealed package. J. C. Gibbs. 2,131,945; Oct. 4.
- Cap and spout for liquid dispensing containers, Combined. O. G. Nilson. 2,118,222; May 24.
- Cap and time indicating means for medicinal receptacles, Bottle. W. T. Mehaffey. 2,111,637; Mar. 22.
- Cap and tube assembly. R. Palmer. 2,127,268; Aug. 16.
- Cap composition, Blasting. L. H. Fisher. 2,104,513; Jan. 4.
- Cap fastener, Filler. H. A. Marsh. 2,109,137; Feb. 22.
- Cap for barrel bushing and screw plug assemblies, Sealing. D. W. Curtis. 2,137,999; Nov. 29.
- Cap for containers, Closure. E. A. Fuchs. 2,140,077; Dec. 13.
- Cap for containers, Dispensing. E. A. Boline. 2,115,985; May 3.
- Cap for containers, Self-closing. G. L. Lateur. 2,105,695; Jan. 18.
- Cap for fishing reels, Journal. W. H. Franks. 2,130,826; Sept. 20.
- Cap for fuel-oil bottles. J. J. McLaughlin. 2,136,593; Nov. 15.
- Cap for liquid tank filler spouts, Safety. A. Offcutt. 2,132,432; Oct. 11.
- Cap for wheels, Hub. G. A. Lyon. 2,109,671; Mar. 1.
- Cap form feeding attachment for paper bottle capping machines. I. F. Mandell. 2,104,931; Jan. 11.



- Cap lock. R. I. Lamothe and S. E. McFarland. 2,139,193; Dec. 6.
- Cap mechanism for treating felled green timber. M. M. Clapshaw. 2,109,467; Mar. 1.
- Cap of the soft-rubber type. Attachment plug. F. C. Kollath. 2,139,450; Dec. 6.
- Cap or stopper for bottles or like containers. F. Swannell. 2,133,490; Oct. 18.
- Cap package, Electric blasting. J. Stuart, II. 2,136,031; Nov. 8.
- Cap remover for containers and the like. G. B. Jenkinson. 2,106,639; Jan. 25.
- Cap retainer. J. Farrelly. 2,141,709; Dec. 27.
- Cap retainer, Valve. C. J. Clarke. 2,136,002; Nov. 8.
- Cap spotting machine, Crown. J. B. Eisen and C. H. Rasmussen. 2,117,711; May 17.
- Capacitor, Electric. F. M. Clark. 2,117,874; May 17.
- Capacitor for polyphase circuits. J. D. Stacy. 2,128,857; Aug. 30.
- Capacitor protective system. R. E. Marbury. 2,125,077; July 26.
- Capacitor, Variable. M. R. Johnson. 2,123,050; July 5.
- Capacity adjusting mechanism in hopper feeding machines. J. G. Kershaw. 2,113,987; Apr. 12.
- Capacity measuring instrument. L. A. Sharland. 2,135,017; Nov. 1.
- Capper, Raisin. L. Kilner. 2,138,302; Nov. 29.
- Capping and printing machine, Combined. G. W. Booth. 2,139,573; Dec. 6.
- Capping and sealing apparatus. W. M. Ryan and J. W. Bold. 2,127,964; Aug. 23.
- Capping apparatus. H. E. Gantzer. 2,116,068; May 3.
- Capping device. E. Pommer. 2,129,359; Sept. 6.
- Capping head for applying closures to milk bottles and the like. L. D. Pierce. 2,104,671; Jan. 4.
- Capping machine. E. E. Hogg. 2,112,842; Apr. 5.
- Capping machine, Straight line. P. M. Blackman and H. R. Baldwin. 2,136,037; Nov. 8.
- Caps for shoe, Apparatus for. F. Gamerdinger and O. Weber. 2,130,422; Sept. 20.
- Caps, Making receptacle sealing. E. H. Fabrice. 2,141,856; Dec. 27.
- Caps, Making spot. A. Leenaards. 2,129,330; Sept. 6.
- Caps, Manufacture of sheet metal. E. A. Calleson. 2,136,933; Nov. 15.
- Caps, Method and apparatus for making composite. R. E. Greenholtz and E. M. Enkur. 2,131,319; Sept. 27.
- Caps, Packaging electric blasting. D. D. Huyett. 2,140,746; Dec. 20.
- Caps, Selecting and feeding receptacle closure. J. A. Johnson. 2,112,291; Mar. 29.
- Caps to receptacles, Method of and apparatus for applying closure. E. von Segebaden and B. Johnson. 2,108,932; Feb. 22.
- Caps to tubular containers, Fitting. J. Dichter. 2,119,271; May 31.
- Capsule and manufacturing the same, Bottle. P. V. Jensen. 2,131,438; Sept. 27.
- Capsule, Collapsible dispensing. R. P. Scherer. 2,134,489; Oct. 25.
- Capsule filling machine. S. J. Speckhart and R. Herger. 2,108,906; Feb. 22.
- Capsule, Metal toning and treating. R. K. Wattson. 2,138,286; Nov. 29.
- Car: See—
- Drop bottom car. Railway mail car.
- Mine car. Refrigerator car.
- Motor car. Refrigerator freight car.
- Rail car. Road and railway car.
- Railway car. Sleeping car.
- Car. A. E. Smith and W. H. Runkel. 2,108,416; Feb. 15.
- Car and assembling same, Welded metal. H. H. Moss. 2,140,268; Dec. 13.
- Car and truck, Articulated. D. M. Ritchie. 2,111,676; Mar. 22.
- Car articulation. W. H. Mussey and M. P. Blomberg. 2,135,523; Nov. 8.
- Car body. J. H. Esters. 2,134,866; Nov. 1.
- Car body bolster. O. C. Duryea. 2,132,232; Oct. 4.
- Car body bolster, Cast railway. O. C. Duryea. 2,132,233; Oct. 4.
- Car body, Rail. E. J. W. Ragsdale and A. G. Dean. 2,129,235; Sept. 6.
- Car, Box. W. L. Thomas. Re. 20,860; Sept. 13.
- Car brake. L. G. Miller. 2,107,761; Feb. 8.
- Car card holder. E. T. Doherty. 2,135,567; Nov. 8.
- Car construction. M. C. Blest and F. Koch. 2,120,542; June 14.
- Car construction. O. C. Duryea. 2,129,543-5; Sept. 6.
- Car construction. W. M. Dwyer. 2,115,064; Apr. 26.
- Car construction. S. Simonson. 2,124,264; July 19.
- Car construction, House. F. Ditchfield. 2,108,309; Feb. 15.
- Car construction, Method of. T. G. Shipley. 2,130,288; Dec. 6.
- Car construction, Railway. F. Ditchfield. 2,125,017; July 26.
- Car construction, Railway. K. F. Nystrom. 2,130,812; Sept. 20.
- Car construction, Railway. J. B. D. Thompson and S. Udstad. 2,131,493; Sept. 27.
- Car construction, Sleeping. E. J. W. Ragsdale. 2,126,090; Aug. 9.
- Car construction, Steel. C. J. Scudder and E. M. Jenkins. 2,136,321; Nov. 8.
- Car control device, Motor. L. H. Browne. 2,106,401; Jan. 25.
- Car control, Motor. L. H. Browne. 2,123,074; July 5.
- Car cooler. G. Hughes. 2,139,500; Dec. 6.
- Car coupler operating mechanism. C. W. Nicholas. 2,139,032; Dec. 6.
- Car coupling. W. H. Hammond. 2,112,020; Mar. 22.
- Car coupling device. R. J. Burrows and A. O. Williams. 2,128,397; Aug. 30.
- Car door. J. A. Kwake. 2,120,704; June 14.
- Car door. G. Madland. 2,110,606; Mar. 8.
- Car door. G. Madland. 2,120,707; June 14.
- Car door, Refrigerator. W. M. Dwyer. 2,119,574; June 7.
- Car dumping apparatus. F. Pardee, Jr. 2,121,365; June 21.
- Car end frame, Welded. J. E. Tesseyman and L. G. Miller. 2,119,367; May 31.
- Car journal lubricator. A. J. Jones. 2,132,420; Oct. 11.
- Car loading apparatus, Freight. G. M. Reifer. 2,122,950; July 5.
- Car loading apparatus, Freight. G. M. Reifer. 2,124,082; July 19.
- Car loading apparatus, Freight. C. R. Scharff. 2,122,959; July 5.
- Car loading device. S. D. Butterworth and S. M. Nampa. 2,107,932; Feb. 8.
- Car loading device. O. V. Cardinal. 2,118,030; May 24.
- Car loading device. L. A. Eckermann. 2,127,587; Aug. 23.
- Car loading device. S. M. Nampa. 2,107,338; Feb. 8.
- Car loading device. S. M. Nampa. 2,111,191; Mar. 15.
- Car loading device. S. M. Nampa. 2,127,613; Aug. 23.
- Car loading device. S. M. Nampa and S. C. Japinga. 2,128,376; Aug. 30.
- Car roof. D. W. Hawksworth and H. W. Miller. 2,112,810; Mar. 29.
- Car roof. W. D. Thompson and D. W. Hawksworth. 2,136,657; Nov. 15.
- Car seat. F. A. Eichel. 2,121,522; June 21.
- Car structure. T. U. Angell. 2,138,130; Nov. 29.
- Car structure. W. M. Sheehan. 2,134,211; Oct. 25.
- Car structure, Railway. E. P. Moses. 2,115,038; Apr. 26.
- Car structure, Railway. H. M. Pfleger. 2,109,275; Feb. 22.
- Car structure, Railway. A. Wasberg. 2,109,515-6; Mar. 1.
- Car structure, Railway. A. Wasberg. 2,114,754; Apr. 19.
- Car structure, Railway. A. Wasberg. 2,114,756; Apr. 19.
- Car transportation system, Mountainside. F. Pardee, Jr. and E. Curtin. 2,131,452; Sept. 27.
- Car truck. A. Christianson and O. Jabelmann. 2,129,910-11; Sept. 13.
- Car truck construction. J. C. Larsen. 2,108,378; Feb. 15.
- Car truck, Railway. C. A. Zweibel. 2,109,715; Mar. 1.
- Car truck structure, Railway. E. G. Busse. 2,115,060; Apr. 26.
- Car underframe. J. D. Fenstermacher and B. B. Sumner. 2,127,683; Aug. 23.
- Car underframe, Railway. W. M. Sheehan. 2,114,819; Apr. 19.
- Car underframe structure. E. P. Moses. 2,115,037; Apr. 26.
- Car ventilator. H. Giddings. 2,117,000; May 10.
- Car ventilator. H. Wagner. 2,106,418; Jan. 25.
- Car wall, Insulated. C. D. Bonsall. 2,117,397; May 17.
- Car wall, Railway. E. E. Schiesinger. 2,123,441; July 12.
- Car wheel. H. E. Jordan. 2,129,178; Sept. 6.
- Caramel coatings and the like, Production of. W. W. Stokes. 2,122,016; June 28.
- Caramel cutting machine. P. F. Putney. 2,104,623; Jan. 4.
- Carbanilic acid derivatives. W. A. Lott and W. Braker. 2,109,492; Mar. 1.
- Carbazole derivatives, Manufacture and application of. W. A. Sexton. 2,128,101; Aug. 23.
- Carbide composites, Producing hard cemented. G. J. Comstock. 2,108,797; Feb. 22.
- Carbide composition, Cemented. G. Lucas. 2,133,867; Oct. 18.
- Carbide composition, Hard. J. A. Boyer and C. Q. Rose. 2,108,794; Feb. 22.
- Carbides and other impurities from slags, Removing. E. Karwat. 2,116,469; May 3.
- Carbides of tantalum and like metals and producing the same. P. M. McKenna. 2,124,509; July 19.
- Carbides, Producing. H. P. Kiechner and R. C. Benner. 2,136,107; Nov. 8.
- Carbides, Pulverizing cemented. E. F. White. 2,138,672; Nov. 29.
- Carbinols and product thereby produced, Preparing tertiary ethynyl. O. R. Kremler. 2,106,180; Jan. 25.
- Carbohydrate compounds, Manufacture of. W. Neugebauer, P. Ostwald, and K. Sponzel. 2,132,181; Oct. 4.
- Carbohydrate derivatives, Stabilizing. R. S. Bley. 2,140,346; Dec. 13.
- Carbohydrates, Nitration of organic. J. A. Waler. 2,105,389; Jan. 11.



- Carbon and gum remover. W. J. Yates. 2,128,685; Aug. 30.
- Carbon bisulphide, Manufacture of. B. M. Carter. 2,141,740; Dec. 27.
- Carbon bisulphide, Manufacture of. H. F. Merriam. 2,141,757-8; Dec. 27.
- Carbon bisulphide, Manufacture of. C. F. Silsby. 2,141,766; Dec. 27.
- Carbon bisulphide, Manufacture of. C. F. Silsby. 2,141,768; Dec. 27.
- Carbon bisulphide, Recovering. K. Baumert and R. S. Bley. 2,133,244; Oct. 11.
- Carbon black and manufacture, Granular. G. L. Heller and C. W. Snow. 2,131,686; Sept. 27.
- Carbon black, Apparatus for producing high quality. L. von Szeszich. 2,128,440; Aug. 30.
- Carbon black, Apparatus for production of. H. A. Toulmin, Jr. 2,127,193; Aug. 16.
- Carbon black from hydrocarbon gases, Producing. W. D. Wilcox. 2,138,249; Nov. 29.
- Carbon black, Graphitized. H. H. Offutt. 2,134,950; Nov. 1.
- Carbon black, Making. S. A. Wisdom. 2,121,463; June 21.
- Carbon black, Manufacture of. E. Billings and H. H. Offutt. 2,120,540-1; June 14.
- Carbon black, Manufacture of. H. J. Hunter. 2,139,584-5; Dec. 6.
- Carbon black, Method of and apparatus for forming condensed. W. A. Knapp and W. W. Gregory. 2,121,635; June 21.
- Carbon black, Producing. C. G. Keeton. 2,134,228; Oct. 25.
- Carbon black, Producing. F. C. Reed. 2,106,137; Jan. 18.
- Carbon black, Producing. F. C. Reed. 2,116,848; May 10.
- Carbon black, Treating. J. Hartman and W. A. Knapp. 2,121,633; June 21.
- Carbon dioxide in gases for breathing, Means for indicating presence and relative amounts of. W. B. Draper. 2,136,236; Nov. 8.
- Carbon dioxide, Method of and apparatus for producing. F. B. Hunt, J. H. Pratt, H. S. Tirrell, and R. L. Turner. 2,117,025; May 10.
- Carbon dioxide, Production of. E. A. Hulst. 2,111,783; Mar. 22.
- Carbon disulphide from industrial effluent waters, Recovery of. A. Engelhardt. 2,141,349; Dec. 27.
- Carbon disulphide, Production of. J. P. Baxter and L. J. Burrage. 2,107,264; Feb. 1.
- Carbon electrode. E. Neukirch. 2,109,302; Feb. 22.
- Carbon holder. H. J. Brunk and F. F. Doerrich. 2,111,316; Mar. 15.
- Carbon holder. M. C. Stern. 2,119,301; May 31.
- Carbon holder. C. B. Stone. 2,133,407; Oct. 18.
- Carbon holder. J. L. Wildenthaler. 2,122,829; July 5.
- Carbon holding and retracting device for duplicating machines. J. E. Euth. 2,132,068; Oct. 4.
- Carbon holding device. J. E. Euth. 2,121,499; June 21.
- Carbon, Intensive electric arc. J. Parisot. 2,140,881; Dec. 20.
- Carbon monoxide, Detecting the presence of. G.-A. Schröter. 2,111,301; Mar. 15.
- Carbon monoxide manufacture. L. L. Newman. 2,128,262; Aug. 30.
- Carbon or graphite, Purifying. J. S. Owens, J. S. Peake, and R. G. Fowler. 2,117,497; May 17.
- Carbon pigment producing furnace. G. L. Heller and H. M. Wilgus. 2,114,738; Apr. 19.
- Carbon removing tool. M. Holhut. 2,104,900; Jan. 11.
- Carbon set. S. H. Linderman. 2,131,381; Sept. 27.
- Carbon stripping device. J. W. Anderson. 2,124,996; July 26.
- Carbon tetrachloride, Making. J. H. Reilly. 2,110,174; Mar. 8.
- Carbon transfer set. B. A. I. Kelly. 2,135,345; Nov. 1.
- Carbonaceous and hydrocarbonaceous products into products of a low boiling point, Converting. M. Melamid. 2,110,887; Mar. 15.
- Carbonaceous material, Destructive hydrogenation of distillable. M. Pier, W. Kroenig, and E. Donath. 2,118,940; May 31.
- Carbonaceous material, Heating up. M. Pier, E. Anthes, and H. Schappert. 2,120,296; June 14.
- Carbonaceous material, Treating. P. F. Ple, Jr. 2,111,436; Mar. 15.
- Carbonaceous materials, Destructive hydrogenation of. M. Pier and E. Donath. 2,120,295; June 14.
- Carbonaceous materials, Producing extracts from solid. A. Pott and H. Broche. 2,123,380; July 12.
- Carbonates, Preparing colloidal. W. C. Bates and R. R. McClure. 2,141,458; Dec. 27.
- Carbonates, Treating. P. McComb. 2,107,255; Feb. 1.
- Carbonized product and manufacture thereof. A. S. Bemis. 2,131,021; Sept. 27.
- Carbonizing drier. F. B. Morrill. 2,104,135; Jan. 4.
- Carbonyl compounds and catalyst therefor, Hydrogenating. C. E. Andrews and L. W. Covert. 2,118,001; May 17.
- Carbonyl compounds, Chlorinating and brominating. P. Heisel. 2,116,893; May 10.
- Carbonylic compounds, Production of. H. P. A. Groll and G. Hearne. 2,106,347; Jan. 25.
- Carbonylic compounds, Stabilization of unsaturated. H. P. A. Groll and G. Hearne. 2,105,284; Jan. 11.
- Carbureting device. G. R. Ericson. 2,125,899; Aug. 9.
- Carbureting ring structure for wall flame burners. M. A. Powers. 2,107,800; Feb. 8.
- Carburetion for motors, Apparatus for integral. E. L. Stokiss. 2,127,238; Aug. 16.
- Carburetion system for engines. H. F. Bryan. 2,123,522; July 12.
- Carburetor: See—  
Liquid fuel carburetor.
- Carburetor. J. G. Allen. 2,120,970; June 21.
- Carburetor. G. W. Baker. 2,140,948; Dec. 20.
- Carburetor. F. O. and T. M. Ball. 2,108,281; Feb. 15.
- Carburetor. S. E. Bengtson. 2,127,386; Aug. 16.
- Carburetor. R. F. Bracke. 2,138,020; Nov. 29.
- Carburetor. R. F. Bracke. 2,138,590-2; Nov. 29.
- Carburetor. T. Brodersen and W. C. Dunn. 2,118,038; May 24.
- Carburetor. M. E. Chandler and E. O. Wirth. 2,109,260; Feb. 22.
- Carburetor. D. Cole. 2,141,594; Dec. 27.
- Carburetor. L. Crockett. 2,137,665; Nov. 22.
- Carburetor. B. P. Dawes. 2,128,079; Aug. 23.
- Carburetor. J. R. Emerson. 2,127,444; Aug. 16.
- Carburetor. V. R. Heffler. 2,120,975; June 21.
- Carburetor. S. F. Hunt. 2,109,113; Feb. 22.
- Carburetor. S. F. Hunt. 2,124,778; July 26.
- Carburetor. S. F. Hunt. 2,127,735; Aug. 23.
- Carburetor. S. F. Hunt, E. Olson and E. O. Wirth. 2,124,777; July 26.
- Carburetor. E. Jedrzykowski. 2,134,877; Nov. 1.
- Carburetor. F. A. Kommer. 2,111,399; Mar. 15.
- Carburetor. F. A. Kommer. 2,115,077; Apr. 26.
- Carburetor. T. J. B. Lafitte and E. Fradier. 2,130,884; Sept. 20.
- Carburetor. W. E. Leibing. 2,134,667; Oct. 25.
- Carburetor. A. Lutz. 2,119,922; June 7.
- Carburetor. A. G. Mahrström. 2,122,348; June 28.
- Carburetor. H. W. Meade. 2,118,516; May 24.
- Carburetor. M. Mennesson. 2,121,506; June 21.
- Carburetor. L. H. Messinger, Jr. 2,133,033; Oct. 11.
- Carburetor. F. C. Mock. 2,118,220; May 24.
- Carburetor. J. A. Paasche. 2,126,132; Aug. 9.
- Carburetor. C. R. Robidoux. 2,131,848; Oct. 4.
- Carburetor. E. A. Rullison and H. B. Simmons. 2,114,970; Apr. 19.
- Carburetor. F. N. Russell. 2,105,300; Jan. 11.
- Carburetor. E. Schimanek. 2,118,947; May 31.
- Carburetor. E. F. C. Seignol and F. J. Monier. 2,116,608; May 10.
- Carburetor. J. B. Sinderson. 2,135,539; Nov. 8.
- Carburetor. F. E. Smith. 2,133,757; Oct. 18.
- Carburetor. T. Stidham. 2,120,342; June 14.
- Carburetor. M. A. Trisler. 2,140,776; Dec. 20.
- Carburetor. W. H. Weber. 2,136,353; Nov. 8.
- Carburetor. C. Wilson. 2,131,246; Sept. 27.
- Carburetor, Anterior throttle. A. Moore. 2,123,485; July 12.
- Carburetor, Anterior throttle cold charge. A. Moore. 2,119,885; June 7.
- Carburetor attachment. R. W. Stadlman. 2,114,548; Apr. 19.
- Carburetor choke control mechanism. M. Brown. 2,124,504; July 19.
- Carburetor control. J. P. Farrell. 2,110,211; Mar. 8.
- Carburetor control device. H. Rodman. 2,115,878; May 3.
- Carburetor control mechanism. R. H. Whisler. 2,130,915; Sept. 20.
- Carburetor device. I. E. Coffey. 2,139,355; Dec. 6.
- Carburetor, Downdraft. E. Drahonovsky. 2,110,647; Mar. 8.
- Carburetor for combustion engines. A. Abramson. 2,104,315; Jan. 4.
- Carburetor for internal combustion engines. E. T. Bunt. 2,130,337; Sept. 20.
- Carburetor, Fuel-gas and air. P. M. Sartell. 2,105,056; Jan. 11.
- Carburetor, Heavy oil. O. Kiesel. 2,115,634; Apr. 26.
- Carburetor structure. L. D. Boyce. 2,134,354; Oct. 25.
- Carburetor structure. I. E. Coffey. 2,139,356; Dec. 6.
- Carburetor system. E. Burrell. 2,109,878; Mar. 1.
- Carcass carrier. A. E. Lefell. 2,114,929; Apr. 19.
- Carcass treatment means. L. L. Cadwell. 2,140,150; Dec. 13.
- Carcasses, Apparatus for and method of cleaning. A. Kurt. 2,132,634; Oct. 11.
- Carcasses, Treatment of lamb. B. E. Williams and L. L. Cadwell. 2,117,125; May 10.
- Card and pamphlet holder. F. E. Henrich. 2,105,594; Jan. 18.
- Cardboard articles, Making. R. I. Rhodes. 2,107,085; Feb. 1.
- Card, Display. E. Legendre. 2,122,289; June 28.
- Card feeding mechanism. A. W. Mills. 2,120,369; June 14.
- Card flats, Grinding. O. L. Hope. 2,132,240; Oct. 4.
- Card for corn pads and the like. W. M. Scholl. Re. 20,899; Oct. 25.
- Card for filing systems, Multi-index-insert. LaV. W. Gillette. 2,135,708; Nov. 8.
- Card game accessory. R. F. Wild. 2,119,839; June 7.



- Card game practice apparatus. E. J. Glennon. 2,112,983; Apr. 5.
- Card, Greeting. B. L. White. 2,111,520; Mar. 15.
- Card holder. E. R. Braun. 2,124,025; July 19.
- Card holder. R. H. De Minico. 2,117,545; May 17.
- Card holder. C. B. Esch. 2,127,906; Aug. 23.
- Card holder. M. Meyerson. 2,139,556; Dec. 6.
- Card holder. W. N. Rumbold. 2,129,876; Sept. 13.
- Card holder. H. Schmid. 2,110,095; Mar. 1.
- Card holder, Stencil. J. C. Gates. 2,116,568; May 10.
- Card or sign, Advertising. G. S. Rossi. 2,133,718; Oct. 18.
- Card or the like, Address. E. T. B. Bey. 2,128,793; Aug. 30.
- Card perforating machine. R. Elliott. 2,127,681; Aug. 23.
- Card playing apparatus. E. W. Larsson-Letzén. 2,105,358; Jan. 11.
- Card plays of bridge games, Stage exhibiting. J. R. Kilpatrick. 2,109,175; Feb. 22.
- Card punch feed mechanism. H. A. Weinlich and U. Kölm. 2,107,134; Feb. 1.
- Card punching machine. W. W. Lasker. Re. 20,720; May 10.
- Card rack. E. S. Ostler. 2,112,925; Apr. 5.
- Card, Sample. J. Domber. 2,107,730; Feb. 8.
- Card selecting system. R. R. M. Desaubliaux. 2,109,820; Mar. 1.
- Card shuffling machine. H. E. Stonebraker. 2,137,513; Nov. 22.
- Card silver control. J. L. King and N. L. Whitten. 2,141,003; Dec. 20.
- Card table, Foldable. W. F. Peters. 2,124,007; July 19.
- Card table, Folding leg. E. Senft. 2,122,846; July 5.
- Card tray cabinet. J. R. Clark and C. G. Burleigh. 2,109,689; Mar. 1.
- Carding, cleaning, opening, and like machine for textile fibers. P. Schwarze. 2,139,859; Dec. 13.
- Carding device for interchangeable artificial teeth. D. E. Evans. 2,111,095; Mar. 15.
- Carding machine. T. W. Allen, J. H. Senior, W. F. Bokum, and H. B. Riehl. 2,115,605; Apr. 26.
- Carding machine. M. L. Farrar. 2,128,130; Aug. 23.
- Cards for statistical machines, Making record. R. L. A. Valtar. 2,107,969; Feb. 8.
- Cards, Method and apparatus for conditioning and filling tabulator. D. Hosmer. 2,141,914; Dec. 27.
- Cards or like articles from a stack, Feeding of. J. Crighton. 2,109,208; Feb. 22.
- Cards, Pop-up menu and the like. J. Watsky. 2,114,824; Apr. 19.
- Cards, Sensitizing and processing. I. B. Current. 2,129,302; Sept. 6.
- Carpet fastener. B. C. Place. 2,109,402; Feb. 22.
- Carpet, Manufacture of re woven. C. R. McGimsey. 2,127,228; Aug. 16.
- Carpet or rug and making the same, Felt. R. H. Johnson. 2,115,581; Apr. 26.
- Carpet rag strip slicer. B. A. Hulshizer. 2,115,856; May 3.
- Carpet seam. E. C. Pitman. 2,118,522; May 24.
- Carpet washing machine. J. S. Thompson. 2,129,797; Sept. 13.
- Carpets and pile fabric materials, Apparatus for cleaning. G. Elfers. 2,114,631; Apr. 19.
- Carriage. N. J. Kroll and S. Kroll. 2,111,974; Mar. 22.
- Carriage and hood therefor, Baby. C. Hedstrom, Jr. 2,107,940; Feb. 8.
- Carriage, Baby. L. Larsen. 2,141,538-9; Dec. 27.
- Carriage, Baby. D. W. Siebert, A. A. Greenwood, and A. T. Lindquist. 2,114,725; Apr. 19.
- Carriage bed, Baby. S. Drexler. 2,107,855; Feb. 8.
- Carriage foldable to form trunks, Baby. D. C. Waelens and D. Rozenraub. 2,119,836; June 7.
- Carriage for Röntgen apparatus. M. Andreini. 2,105,961; Jan. 18.
- Carriage mounting. A. M. Johnson. 2,139,234; Dec. 6.
- Carriage or crib and play-yard, Combination baby. J. G. Bacon, Jr. 2,134,904; Nov. 1.
- Carriage or trucking device. J. T. Earle. 2,113,174; Apr. 5.
- Carriage, Tractor type. C. Braune and E. J. Reardon. 2,132,558; Oct. 11.
- Carrriages and the like, Arrangement in bogie for railway. J. S. Fries. 2,118,345; May 24.
- Carrier: See—
- Baggage carrier. License plate carrier.
- Basket carrier. Luggage carrier.
- Battery carrier. Mail carrier.
- Bicycle luggage carrier. Money carrier.
- Bottle carrier. Necktie carrier.
- Brake beam safety carrier. Rod line carrier.
- Carcass carrier. Sheet carrier.
- Carton or article carrier. Slide carrier.
- Coin carrier. Spool carrier.
- Golf bag carrier. Thermos carrier.
- Ice carrier. Yarn carrier.
- Instrument carrier.
- Carrier. C. F. Buente. 2,120,639; June 11.
- Carrier. C. H. McKinney. 2,118,711; May 24.
- Carrier. P. H. Powers. 2,139,840; Dec. 13.
- Carrier and body construction. T. F. Hlsantzt. 2,140,615; Dec. 20.
- Carrier and modulation indicator. J. L. Rehnartz. 2,141,068; Dec. 27.
- Carrier and suitcase, Interchangeable combination. A. B. Cohn. 2,140,688; Dec. 20.
- Carrier communicating system. N. Monk. 2,137,023; Nov. 15.
- Carrier communicating system. W. H. Tidd. 2,107,168; Feb. 1.
- Carrier for bicycles and the like, Luggage. E. F. Pawsat. 2,135,217; Nov. 1.
- Carrier for braiding machines. A. Petersen. 2,122,292; June 28.
- Carrier for dish washing machines, Dish. G. Webb. 2,114,894; Apr. 19.
- Carrier for full-fashioned knitting machines. F. A. Redcay. 2,138,389; Nov. 29.
- Carrier for lengthy articles, Automobile. R. W. Hendrick. 2,106,503; Jan. 25.
- Carrier for mechanically-recorded records and making the same. C. J. Dippel. 2,113,784; Apr. 12.
- Carrier for microscopes, Object. H. Riepert. 2,119,354; May 31.
- Carrier for motor vehicles, Concealed gun. R. R. Emery. 2,140,870; Dec. 20.
- Carrier for pneumatic dispatch tube apparatus. J. T. Needham. 2,104,093; Jan. 4.
- Carrier for storage batteries. J. Mistrett. 2,137,922; Nov. 22.
- Carrier for storage cabinets, Movable. C. R. D'Olive. 2,116,564; May 10.
- Carrier for truck bodies, Traveling shelf or article. C. P. Wagner and C. E. Allen. 2,140,974; Dec. 20.
- Carrier rod driving mechanism. A. F. Verbeek. 2,119,613; June 3.
- Carrier rod locking device. E. Ruckel. 2,113,773; Apr. 12.
- Carrier signaling system. A. G. Cooley. 2,128,801; Aug. 30.
- Carrier supply system. R. D. Duncan, Jr. 2,105,809; Jan. 18.
- Carrier wave modulation system. N. H. Clough and E. Green. 2,128,285; Aug. 30.
- Carrier wave receiver, Modulated. G. M. Wright. 2,109,561; Mar. 1.
- Carrier wave system compensated automatic gain control. H. F. Elliott. 2,132,101; Oct. 4.
- Carrier wave transmission system. H. W. Dudley. 2,105,910; Jan. 18.
- Carrier wave transmitter, Modulated. W. T. Ditcham. 2,118,172; May 24.
- Carrying bag. J. D. Crary. 2,122,025; June 28.
- Carrying case. R. H. Burdge and S. M. Speas. 2,119,314; May 31.
- Carrying case. H. R. Darling and N. B. Green. 2,136,357; Nov. 8.
- Carrying-fixture, especially for knapsacks. R. H. Johansen. 2,104,486; Jan. 4.
- Cars and the like, Top icing loaded refrigerator. V. Keith. 2,136,214; Nov. 8.
- Cars, Method and apparatus for refrigerating freight. C. Phillips. 2,113,493; Apr. 5.
- Cars on a level plane: electric motor control, Method and apparatus for maintaining adjacent railway. T. H. Schoepf and D. M. Ritchie. 2,135,224; Nov. 1.
- Cars on a level plane, Method and apparatus for maintaining adjacent railway. T. H. Schoepf and D. M. Ritchie. 2,124,124; July 19.
- Cart, Basket carrying. W. H. Schray. 2,141,881; Dec. 27.
- Cart, Concrete. R. R. Roemer. 2,124,956; July 26.
- Cart, Machine gun. S. H. Negrotto. 2,108,826; Feb. 22.
- Cart or truck, Case. A. H. von der Ohe. 2,123,669; July 12.
- Cart, Transfer. G. Konicek. 2,121,153; June 21.
- Carton. C. J. Alfred. 2,129,980; Sept. 13.
- Carton. L. Benoit. 2,138,019; Nov. 29.
- Carton. M. Burger. 2,104,969; Jan. 11.
- Carton. S. E. Butler. 2,118,488; May 24.
- Carton. K. N. Chase. 2,132,604; Oct. 11.
- Carton. B. J. Davidson. 2,124,868; July 26.
- Carton. C. Groeling. 2,104,195; Jan. 4.
- Carton. R. Guyer. 2,131,971; Nov. 1.
- Carton. C. H. Holmes and H. H. Chase. 2,133,701; Oct. 18.
- Carton. S. B. Joffe. 2,115,021; Apr. 26.
- Carton. I. Kotcher and M. Kotcher. 2,107,613-14; Feb. 8.
- Carton. R. E. Lowey. 2,122,480; July 5.
- Carton. T. W. Mahone. 2,132,057; Oct. 11.
- Carton. E. Mandusky. 2,139,127; Dec. 6.
- Carton. L. W. Renuane. 2,117,078; May 17.
- Carton. L. W. Renuane. 2,122,493; July 5.
- Carton. A. W. Seutcher. 2,135,678; Nov. 8.
- Carton. E. Siewert. 2,138,680; Nov. 29.
- Carton. W. S. Wassell. 2,138,364; Nov. 29.
- Carton and blank for forming same. H. Kondolf. 2,132,632; Oct. 11.
- Carton and closure therefor. J. Wagner. 2,133,930; Oct. 18.
- Carton and filler, Bag. E. J. Lawless. 2,134,703; Nov. 1.
- Carton and making the same, Paper. A. C. Friedel. 2,107,990; Feb. 8.
- Carton and method of manufacture, Sealed. A. Wassellman. 2,140,178; Dec. 13.
- Carton assembling mechanism. H. K. Powell. 2,122,044; June 28.



- Carton bottoming machine. D. Wood. 2,110,479; Mar. 8.  
 Carton, Cardboard. W. R. Quagliotti. 2,124,955; July 26.  
 Carton, Cellular. C. H. Lowe. 2,113,622; Apr. 12.  
 Carton closing machine. J. A. Fermann and J. H. Mosley. 2,135,806; Nov. 8.  
 Carton closing machine. W. D. Kimball. 2,109,537; Mar. 1.  
 Carton, Collapsible. W. P. Frankenstein. 2,116,513; May 10.  
 Carton, Collapsible. H. E. Rounds. 2,138,984; Dec. 6.  
 Carton, Collapsible filled. D. Levkoff. 2,125,730; Aug. 2.  
 Carton construction. H. C. Bloomer. 2,133,946; Oct. 25.  
 Carton construction. W. H. Inman. 2,107,946; Feb. 8.  
 Carton, Dispensing. B. S. Harrington. 2,124,699; July 26.  
 Carton, Dispensing. R. T. Hill. 2,115,853; May 3.  
 Carton, Dispensing. P. B. McConnell. 2,115,867; May 3.  
 Carton, Dispensing. F. Spilski. 2,115,887; May 3.  
 Carton, Dispensing. L. A. Tishler. 2,115,891; May 3.  
 Carton, Dispensing and display. M. Goldberg. 2,126,106; Aug. 9.  
 Carton, Dispensing spout. D. Bensel. 2,132,925; Oct. 11.  
 Carton, Display. J. A. Buser. 2,132,526; Oct. 11.  
 Carton, Display. C. L. Kanty. 2,110,934; Mar. 15.  
 Carton, Display. W. A. Ringler. 2,135,533; Nov. 8.  
 Carton, Display. W. A. Ringler. 2,138,460; Nov. 29.  
 Carton, Display. S. Schraffenberger. 2,131,391; Sept. 27.  
 Carton, Egg. H. E. Brundin. 2,113,459; Apr. 5.  
 Carton, Egg. A. E. Bueschel. 2,105,181; Jan. 11.  
 Carton, Egg. D. H. Shapiro. 2,115,181; Apr. 26.  
 Carton filling device. F. Tangeman. 2,122,302; June 28.  
 Carton, Foldable cardboard display. R. D. Foss. 2,109,636; Mar. 1.  
 Carton, Folding egg. D. Levkoff. 2,106,613; Jan. 25.  
 Carton for eggs and the like, Granular. W. B. Jones. 2,113,051; Apr. 5.  
 Carton for motion picture films, Shipping. W. W. Crouch and A. I. Hess. 2,129,198; Sept. 6.  
 Carton forming and lining machine. J. Munn and A. H. Burnett. 2,135,409; Nov. 1.  
 Carton forming machine. J. G. Vergobbi. 2,121,135; June 21.  
 Carton, Hermetically sealed. S. Bergstein. 2,128,893; Sept. 6.  
 Carton, Hexagonal. D. A. Snyder. 2,123,147; July 5.  
 Carton lining machine. A. W. Lindholm. 2,131,633; Sept. 27.  
 Carton loading machine. R. A. Jones. 2,133,248; Oct. 11.  
 Carton making machine. D. Wood. 2,110,478; Mar. 8.  
 Carton, Portable partition. H. Kondolf. 2,112,535; Mar. 29.  
 Carton or article carrier. W. E. Turner. 2,134,627; Oct. 25.  
 Carton packer and sealer. J. L. Ferguson. 2,141,525; Dec. 27.  
 Carton packing fixture. J. K. Wickliffe. 2,140,179; Dec. 13.  
 Carton, Pouring aperture. A. J. Weiss. 2,134,162; Oct. 25.  
 Carton printing apparatus. J. J. Thayer. 2,136,897; Nov. 15.  
 Carton, Reclosable. A. J. Weiss. 2,114,134; Apr. 12.  
 Carton retaining band. H. H. Monk. 2,141,011; Dec. 20.  
 Carton sealing machine. J. L. Ferguson. 2,136,901; Nov. 15.  
 Carton sealing machine. W. A. Joplin. 2,131,625; Sept. 27.  
 Carton, Severable egg. A. E. Bueschel. 2,130,377; Sept. 20.  
 Carton stenciling device. S. L. Winslow. 2,115,757; May 3.  
 Carton structure. A. E. Bueschel. 2,130,378; Sept. 20.  
 Cartons, Apparatus for filling. G. J. Caddy. 2,134,907; Nov. 1.  
 Cartons, barrels, and the like, Manufacture of. E. P. Gabbott and R. P. Peters. 2,129,573; Sept. 6.  
 Cartons, Method and apparatus for making. E. F. Ness. 2,116,362; May 3.  
 Cartons with melted wax, Apparatus for treating. I. and M. Kotcher. 2,133,390; Oct. 18.  
 Cartoons, Making motion picture. M. Fleischer. 2,130,541; Sept. 20.  
 Cartridge clip. J. C. Garand. 2,121,792; June 28.  
 Cartridge, Converter. C. C. Guthrie. 2,107,034; Feb. 1.  
 Cartridge, Dusting material. W. H. Rose. 2,116,714; May 10.  
 Cartridge feeding mechanism. A. W. Rodler. 2,123,915; July 19.  
 Cartridge for caulking guns. S. Crewe. 2,111,582; Mar. 22.  
 Cartridge for lubricants and other materials. H. R. Tear. 2,120,007; June 7.  
 Cartridge for lubricants or the like. H. R. Tear. 2,131,487; Sept. 27.  
 Cartridge guide and stop for machine guns. S. G. Green. 2,121,794; June 28.  
 Cartridge, Gun. S. R. Carson. 2,111,167; Mar. 15.  
 Cartridge holder. W. W. Vogel. 2,137,680; Nov. 22.  
 Cartridge holding device. L. W. Cooper. 2,122,003; June 28.  
 Cartridge, Loaded small caliber rifle. J. M. Olin. 2,106,107; Jan. 18.  
 Cartridge loading tool. C. M. O'Neil. 2,136,459; Nov. 15.  
 Cartridge or borehole charge, Blasting explosive. A. G. White. 2,128,576; Aug. 30.  
 Cartridge, Shotgun. W. Edwards. 2,125,224; July 26.  
 Cartridge, Valve and packing. R. V. Ford. 2,118,300; May 24.  
 Cartridge winding machine. G. C. Warner. 2,141,144; Dec. 20.  
 Cartridge with air deflector, Dust gun. W. H. Rose. 2,117,362; May 17.  
 Cartridges, Apparatus for testing. G. A. Miller, Jr., W. Miller, G. D. Noble, and E. R. Wills. 2,115,032; Apr. 26.  
 Carving machine bit. E. W. Grumke. 2,107,787; Feb. 8.  
 Cascade transformer. G. Camilli and W. E. Linch. 2,113,421; Apr. 5.  
 Case: See—  
   Adjustable type case. Gauge tape case.  
   Camera case. Key case.  
   Carrying case. Leather carrying case.  
   Cigarette case. Luggage case.  
   Cigarette display and vending case. Match book case.  
   Comb and instrument case. Packing case.  
   Cosmetic case. Refrigerator case.  
   Display case. Refrigerator display case.  
   Dual display and carrying case. Shipping case.  
   Filing and display case. Spectacle case.  
   Filing case. Thermometer case.  
   Flower protecting and display case. Toilet article case.  
   Case and cleaner, Combination comb. R. Dreher. 2,139,940; Dec. 13.  
   Case and dispenser of canned and packaged supplies. Display. W. E. Taylor. 2,124,500; July 19.  
   Case and lighter, Combined. F. E. Wakefield. 2,116,292; May 3.  
   Case and the like, Refrigerated display. F. D. MacMaster. 2,122,209; June 28.  
   Case construction for articles of furniture. F. T. Parrish. 2,126,916; Aug. 16.  
   Case filler, Egg. C. F. Sechrist. 2,128,015; Aug. 23.  
   Case for cartridges. O. A. Ostman. 2,131,412; Sept. 27.  
   Case for lipstick or similar article. J. Foulinat. 2,128,515; Aug. 30.  
   Case for picture projecting apparatus, Carrying. F. Freimann. 2,121,910; June 28.  
   Case hardening. B. R. Queneau. 2,128,621; Aug. 30.  
   Case-hardening furnace, Gas. L. Saives. 2,109,711; Mar. 1.  
   Case liner. H. M. Hanson. 2,122,317; June 28.  
   Case loader. J. L. Ferguson and R. C. Talbot. 2,124,962; July 26.  
   Case or container, Portable. H. F. Magnus. 2,112,539; Mar. 29.  
   Case or the like, Brief. S. Solomon. 2,104,935; Jan. 11.  
   Case or the like, Medical. H. S. Foote. 2,110,572; Mar. 8.  
   Case packing machine. W. D. Kimball and C. I. Braren. 2,109,294; Feb. 22.  
   Case rectifier, Metal. H. Kerschbaum and W. Espe. 2,121,598; June 21.  
   Case which can be transformed into a table. P. Denormandie. 2,110,791; Mar. 8.  
   Casein composition. C. Iddings. 2,127,843; Aug. 23.  
   Casein composition, Moldable. W. S. Murray. 2,115,316; Apr. 26.  
   Casein, Dyeing of hardened. F. Hill and J. A. Radley. 2,138,602; Nov. 29.  
   Casein, Producing homogeneous. J. R. Coffey. 2,112,568; Mar. 29.  
   Casein product and process of making. H. V. Dunham. 2,108,582; Feb. 15.  
   Cases, Analyzing. G. Malmgren. 2,139,902; Dec. 13.  
   Cases, Manufacture of cartridge. H. A. Roberts. 2,137,350; Nov. 22.  
   Cases, Producing ammunition shell and like. J. B. Talbot-Crosbie and A. P. S. Macquisten. 2,115,519; Apr. 26.  
   Casette, Moving picture camera. H. Becker. 2,105,629; Jan. 18.  
   Cassettes, Film loading. H. Becker. 2,105,628; Jan. 18.  
   Cash receiver. J. J. Murtaugh. 2,105,442; Jan. 11.  
   Cash receiptacle. J. E. Euth. 2,111,319; Mar. 15.  
   Cash register. C. H. Arnold. 2,131,262; Sept. 27.  
   Cash register. C. H. Arnold. 2,141,332-3; Dec. 27.  
   Cash register. M. Garbell. 2,107,033; Feb. 1.  
   Cash register. C. W. Green. 2,125,438; Aug. 2.  
   Cash register. C. W. Green. 2,127,684; Aug. 23.  
   Cash register, accounting, and the like machine. E. Breitling. 2,139,718; Dec. 13.  
   Cash register, accounting, and the like machine. E. Breitling and J. Patzelt. 2,110,903; Mar. 15.  
   Cash register, accounting, and the like machine. H. Neureiter and H. Berning. 2,115,118; Apr. 26.  
   Cash register, accounting and the like machines. E. Breitling. 2,109,309; Feb. 22.  
   Cashew nut shell liquid, Treating. M. T. Harvey and F. M. Damitz. 2,128,247; Aug. 30.  
   Casing and making same, Bookbinder. F. S. Schade. 2,105,232; Jan. 11.  
   Casing and tubing head. S. P. Tschappat. 2,116,856; May 10.



- Casing cleaning and fattening machine. W. V. Rushlau and V. M. Michaels. 2,126,506; Aug. 9.
- Casing construction. R. H. Money. 2,132,796; Oct. 11.
- Casing cutter. R. H. Greenawalt. 2,124,617; July 26.
- Casing float collar. D. Hanes. 2,117,318; May 17.
- Casing for boilers, heater units, and air conditioning units. M. S. Hall. 2,139,618; Dec. 6.
- Casing for suppositories. J. Wadel. 2,105,710; Jan. 18.
- Casing head. C. A. Rasmussen and C. R. Butler. 2,122,071; June 28.
- Casing head. J. B. Wrigley. 2,124,840; July 26.
- Casing head and Christmas tree, Combination. J. M. McDonough and G. A. Humason. 2,118,094; May 24.
- Casing head equipment for bore holes or wells. L. M. C. Seamark. 2,127,312; Aug. 16.
- Casing hook. G. F. Fermier and J. C. Stokes. 2,124,692; July 26.
- Casing in wells and drilling under control, Setting and equipping. R. A. Mueller and J. R. Yancey. 2,117,444; May 17.
- Casing, Insulated refrigerator. H. B. Lindsay. 2,116,662; May 10.
- Casing jaw for drill pipe tongs, Extra. M. E. Self. 2,131,643; Sept. 27.
- Casing machine. C. H. Wild. 2,107,170; Feb. 1.
- Casing material. C. T. Walter. 2,137,904; Nov. 22.
- Casing, Oil well. H. G. Texter. 2,110,779; Mar. 8.
- Casing or tubing head, Full hole. J. C. O'Neal. 2,109,031; Feb. 22.
- Casing, Perforating oil well. E. W. Patterson. 2,116,465; May 8.
- Casing perforator. H. E. Harr and H. Colwell. 2,116,572; May 10.
- Casing, Reinforced collapsible file. S. Scheinman and J. Mandel. 2,110,556; Mar. 8.
- Casing repair. T. W. Mullen. 2,125,578; Aug. 2.
- Casing, Sausage. O. W. Becker. 2,115,607; Apr. 26.
- Casing, Setting well. F. F. Dickey and H. S. Cole, Jr. 2,116,236; May 3.
- Casing spear, Hollow trip. F. J. Hinderlitter. 2,105,885; Jan. 18.
- Casing, Steam pipe. W. L. Reid. 2,114,811; Apr. 19.
- Casing-stripping machine. G. Pardekooper. 2,125,950; Aug. 9.
- Casing top construction, Piano. E. Worthington. 2,127,948; Aug. 23.
- Casings, Cementing well. T. A. Creighton. 2,107,327; Feb. 8.
- Casings, Closing sausage. H. A. Hensel. 2,114,077; Apr. 12.
- Casings in wells, Perforating. J. G. Dyer. 2,117,277; May 17.
- Casings, Making sausage. O. Schnecko and B. Parth. 2,136,566; Nov. 15.
- Casings, Method and apparatus for making well. E. F. Dooley. 2,129,570; Sept. 6.
- Casings, Method and apparatus for suspending and sealing well. B. S. Minor and O. B. Kibele. 2,134,311; Oct. 25.
- Casings, Sewing. C. T. Walter. 2,137,903; Nov. 22.
- Casket. J. O. Besch. 2,141,734; Dec. 27.
- Casket. H. S. Scholl. 2,118,868; May 31.
- Casket. C. T. Sherman. 2,111,837; Mar. 15.
- Casket, Adjustable burial. P. D. Skahen. 2,122,590; July 5.
- Casket and hardware therefor. L. L. Rogers. 2,121,885; June 28.
- Casket ornamentation. R. Larson. 2,106,695; Jan. 25.
- Casket overlay support. R. J. Donnelly. 2,112,882; Apr. 5.
- Casket, Paper covered. B. E. White. 2,118,717; May 24.
- Casket positioning device. G. C. Jamison. 2,135,898; Nov. 8.
- Casket support. L. M. Lohberg. 2,124,038; July 19.
- Cassava roots to obtain starch, Treatment of dried. L. P. Heltne. 2,135,104; Nov. 1.
- Cassette filter. B. B. Raney. 2,120,908; June 14.
- Cassette particularly for X-ray exposures. W. Goldschmidt. 2,126,769; Aug. 16.
- Cast, Centrifugal. W. Swoger. 2,107,513; Feb. 8.
- Caster. W. F. Herold. 2,111,561; Mar. 22.
- Caster. W. F. Herold. 2,125,292; Aug. 2.
- Caster. W. F. Herold. 2,129,579; Sept. 6.
- Caster. W. G. Johnson. 2,140,403; Dec. 13.
- Caster. V. Milich. 2,133,826; Oct. 18.
- Caster. I. G. Rambo and F. H. Graser. 2,126,811; Aug. 16.
- Caster. K. H. Sundén. 2,138,433; Nov. 29.
- Caster, Ball. W. Horvath. 2,110,269; Mar. 8.
- Caster control means for movable trucks and the like. J. Bowen. 2,114,586; Apr. 19.
- Caster control means for movable trucks and the like. I. F. Schreck and C. S. Mann. 2,132,973; Oct. 11.
- Caster for sugar or other granular or powdered substances. M. Locker. 2,121,878; June 28.
- Caster retainer. G. T. Gourley. 2,124,465; July 19.
- Caster wheel. G. A. McClain. 2,115,114; Apr. 26.
- Casting. J. Schmeller, Sr. 2,135,537; Nov. 8.
- Casting and composing machine, Line. L. M. Potts. 2,123,200; July 12.
- Casting and making same, Thin walled steel. A. L. Boegehold. 2,133,532; Oct. 18.
- Casting apparatus. E. E. Griffin. 2,140,204; Dec. 13.
- Casting apparatus. E. J. La Porte. 2,110,301; Mar. 8.
- Casting apparatus, Direct. E. B. Hudson. 2,128,942; Sept. 6.
- Casting, Apparatus for. C. E. Sorensen and R. H. McCarroll. 2,104,406; Jan. 4.
- Casting apparatus for the registration of printing plates. H. A. W. Wood. 2,104,313; Jan. 4.
- Casting bobber. R. J. Mehaffey. 2,106,618; Jan. 25.
- Casting machine. A. C. Yerkey. 2,135,245; Nov. 1.
- Casting machine, Centrifugal. A. G. Anderson and J. I. Kibbe. 2,107,322; Feb. 8.
- Casting machine, Centrifugal. F. G. Carrington. 2,123,037; July 5.
- Casting machine, Centrifugal. E. G. Touceda. 2,104,380; Jan. 4.
- Casting, Method and apparatus for. J. Flammang, P. L. Bowser, and H. Ernst. 2,119,242; May 31.
- Casting mold, Stereotype plate. W. F. Huck. 2,134,827; Nov. 1.
- Casting reel. J. B. Rickards and J. E. J. Spencer. 2,120,190; June 7.
- Castings, Apparatus for making tungsten carbide. O. F. Marvin. 2,112,110; Mar. 22.
- Castings, Making. J. Flammang, P. L. Bowser, and H. Ernst. 2,117,948; May 17.
- Castings, Making. E. G. Grundstrom. 2,109,530; Mar. 1.
- Castings of aluminium alloys. P. Spitaler. 2,139,246; Dec. 6.
- Castings, Producing high melting point alloy. S. M. Stoody. 2,127,239; Aug. 16.
- Cast of feet, Making. E. C. MacDonald. 2,119,590; June 7.
- Cast of human and animal organs, Preparing anatomical. A. Schummer and E. Trommsdorff. 2,108,181; Feb. 15.
- Castration device. E. Snyder. 2,125,404; Aug. 2.
- Catalogue or file, Upright loose-leaf. H. D. Kilsten and O. Felix. 2,138,848; Dec. 6.
- Catalogue, Wall paper display. N. P. Moses. 2,135,590; Nov. 8.
- Cataloguing device. C. A. Limbach. 2,110,709; Mar. 8.
- Catalysis. E. J. Houdry. 2,129,693; Sept. 13.
- Catalyst. J. R. Rose. 2,126,284; Aug. 9.
- Catalyst and catalytic process. P. L. Salzberg. 2,129,507; Sept. 6.
- Catalyst and making the same. J. R. Rose. 2,126,282; Aug. 9.
- Catalyst and preparation and use, Hydrogenation. C. L. Brown. 2,123,623; July 12.
- Catalyst and process for hydrogen production. W. J. Sweeney and W. E. Spicer. 2,125,743; Aug. 2.
- Catalyst, Chromium sulphomolybdate. W. A. Lazier and J. V. Vaughen. 2,105,665; Jan. 18.
- Catalyst composition and making same. C. W. Keitel and T. J. Walsh. 2,123,732; July 12.
- Catalyst converter. J. M. Jenkins. 2,121,198; June 21.
- Catalyst for hydrogen production from hydrocarbons. W. E. Spicer and G. H. B. Davis. 2,135,058; Nov. 1.
- Catalyst, Hydrogenation. J. Francon. 2,132,613; Oct. 11.
- Catalyst, Making a. W. J. Sweeney and W. E. Spicer. 2,112,387; Mar. 29.
- Catalyst manufacture. K. W. Coons. 2,120,958; June 14.
- Catalyst, Manufacture of. V. Ipatieff and R. E. Schaad. 2,120,702; June 14.
- Catalyst pellet and process of making. L. G. Jenness. 2,136,509; Nov. 15.
- Catalyst preparation. A. McAlevy. 2,135,454; Nov. 1.
- Catalyst, Preparing. G. L. Matheson. 2,139,026; Dec. 6.
- Catalyst regeneration. W. E. Kuentzel. 2,113,028; Apr. 5.
- Catalysts, Activating and maintaining the activity of dehydrogenation. O. Beeck, J. Burgin, and H. P. A. Groll. 2,131,089; Sept. 27.
- Catalysts and preparing the same. C. H. B. Jarl and A. G. Hovey. 2,107,611; Feb. 8.
- Catalysts for hydrogen production, Preparing. W. E. Spicer. 2,137,101; Nov. 15.
- Catalysts, Manufacture of. S. Faulkner. 2,140,400; Dec. 13.
- Catalysts, Manufacturing metal. W. Baensch and W. Klaphake. 2,112,643; Mar. 29.
- Catalysts, New. J. A. Nieuwland and F. J. Sowa. 2,109,340; Feb. 22.
- Catalysts, Preparation of cobalt-copper. H. H. Storch. 2,118,829; May 31.
- Catalysts, Preparation of hydrocarbon polymerizing. K. M. Watson. 2,120,723; June 14.
- Catalysts, Reactivation of solid phosphoric acid. R. Pyzel. 2,120,712; June 14.
- Catalysts, Treatment of. V. Ipatieff and B. B. Corson. 2,113,654; Apr. 12.
- Catalytic contact apparatus. E. J. Houdry. 2,114,303; Apr. 19.
- Catalytic converter, Heat exchange. C. V. Herrmann. 2,127,561; Aug. 23.
- Catalytic device. J. Finn, Jr. 2,106,910; Feb. 1.
- Catalytic hydration of olefines. W. P. Joshua, H. M. Stanley, and J. B. Dymock. 2,110,880; Mar. 15.
- Catalytic hydrogenation of crude benzene derivatives. M. H. Gwynn. 2,106,735; Feb. 1.
- Catalytic hydrogenation of glycerides of aliphatic carboxylic acids. W. A. Lazier. 2,109,844; Mar. 1.
- Catalytic hydrogenation of hydroaromatic carboxylic acids and their esters. W. A. Lazier. 2,105,664; Jan. 18.



- Catalytic hydrogenation process. W. A. Lazier. 2,137,407; Nov. 22.
- Catalytic hydrogenation process for the production of aldehydes. W. A. Lazier. 2,105,540; Jan. 18.
- Catalytic material and making the same. J. S. Ferguson. 2,106,597; Jan. 25.
- Catalytic material from spent catalytic material, Reclaiming. M. Ramey. 2,139,602; Dec. 6.
- Catalytic reactions, Carrying out. M. Pier and P. J. and W. Simon. 2,127,382-3; Aug. 16.
- Catalytic synthesis of amines. E. B. Punnett. 2,113,241; Apr. 5.
- Catamenial sack. J. L. Hughes. 2,104,423; Jan. 4.
- Catamenial tampon. P. A. Schulz. 2,123,750; July 12.
- Catapult. W. M. Fellers and F. B. Gross. 2,125,904; Aug. 9.
- Catch. W. Shoemaker. 2,138,514; Nov. 29.
- Catch and bracket therefor. Hood. F. P. Sargent. 2,138,044; Nov. 29.
- Catch, Door. A. E. Hammerbeck. 2,132,733; Oct. 11.
- Catch for hoist conveyances, Safety. F. O. Jaeckel. 2,122,943; July 5.
- Catch for shuttles, Ear clip. D. A. Tebo. 2,118,870; May 31.
- Catch, Hood. A. Claud-Mantle. 2,134,137; Oct. 25.
- Catch, Locking. F. R. Johnson. 2,104,562; Jan. 4.
- Catch means for shutter releases on camera bodies. C. W. Crumrine. 2,113,319; Apr. 5.
- Catch, Safety. F. A. Ballou, Jr. 2,123,985; July 19.
- Catch, Safety. E. Morehouse. 2,126,571; Aug. 9.
- Catheter stylet. F. C. Wappler. 2,118,631; May 24.
- Cathode. C. E. Haller. 2,138,918; Dec. 6.
- Cathode. A. Mavrogenis. 2,112,969; Apr. 5.
- Cathode. L. F. Perrott. 2,141,933; Dec. 27.
- Cathode and preparation, Electron emitting. C. H. Prescott, Jr. 2,115,828; May 3.
- Cathode beams, Device for controlling. R. Barthélemy. 2,105,177; Jan. 11.
- Cathode construction. C. Stansbury. 2,123,386; July 12.
- Cathode electrode, Directly heated. K. F. J. Kirsten. 2,114,536; Apr. 19.
- Cathode electron discharge device and circuits, Double. C. H. Brown and W. V. Roberts. 2,112,267; Mar. 29.
- Cathode, Emissive incandescent. W. Espe. 2,121,589; June 21.
- Cathode filament control for X-ray tubes. H. B. McEuen. 2,130,020; Sept. 13.
- Cathode for discharge tubes. G. Holst and H. L. van der Horst. 2,119,913; June 7.
- Cathode for electron discharge devices, Tubular. J. A. Spencer. 2,123,686; July 12.
- Cathode for foil filming. G. W. Elsey. 2,109,634; Mar. 1.
- Cathode, Indirectly heated. M. Knoll and R. Rzehulka. 2,126,894; Aug. 16.
- Cathode, Indirectly heated thermionic. E. Waldschmidt. 2,131,204; Sept. 27.
- Cathode more particularly for a gas-filled discharge tube, Oxide. H. Lems. 2,108,589; Feb. 15.
- Cathode ray apparatus. K. Schlesinger. 2,114,611; Apr. 19.
- Cathode ray device. D. Gábor. 2,122,095; June 28.
- Cathode ray device. M. von Ardenne. 2,108,091; Feb. 15.
- Cathode ray oscillograph. H. M. Dowsett and R. Cadzow. 2,116,671; May 10.
- Cathode ray oscillograph tube. L. H. Bedford. 2,138,721; Nov. 29.
- Cathode ray pitch and bank indicator for aircraft. S. H. Anderson. 2,114,283; Apr. 19.
- Cathode ray tube. J. C. Batchelor. 2,114,136; Apr. 12.
- Cathode ray tube. M. Bowman-Manifold. 2,108,523; Feb. 15.
- Cathode ray tube. L. F. Broadway. 2,124,270; July 19.
- Cathode ray tube. P. T. Farnsworth. 2,139,814; Dec. 13.
- Cathode-ray tube. W. Heimann. 2,124,401; July 19.
- Cathode ray tube. B. Hensel, K. Hess, and J. Richter. 2,114,346; Apr. 19.
- Cathode ray tube. H. E. Holman. 2,115,855; May 3.
- Cathode ray tube. M. Knoll. 2,131,563; Sept. 27.
- Cathode ray tube. M. Knoll. 2,139,683-4; Dec. 13.
- Cathode ray tube. M. Knoll. 2,139,829; Dec. 13.
- Cathode ray tube. K. Schlesinger. 2,114,613; Apr. 19.
- Cathode ray tube. K. Schlesinger. 2,129,033; Sept. 6.
- Cathode ray tube. K. Schlesinger. 2,137,352; Nov. 22.
- Cathode ray tube. I. Shoenberg, G. E. Condliffe, and W. F. Tedham. 2,119,119; May 31.
- Cathode ray tube. M. von Ardenne. 2,115,093; Apr. 26.
- Cathode ray tube. V. K. Zworykin. 2,139,296; Dec. 6.
- Cathode ray tube apparatus. M. Bowman-Manifold and A. D. Blumlein. 2,132,933; Oct. 11.
- Cathode ray tube, High-vacuum. E. Schwartz. 2,123,636; July 12.
- Cathode ray tube system. H. C. Ressler. 2,114,572; Apr. 19.
- Cathode structure. D. V. Edwards and E. K. Smith. 2,111,506; Mar. 15.
- Cathode structure. A. W. Hull and W. A. Ruggles. 2,107,945; Feb. 8.
- Cathode, Television scanner. W. Heimann. 2,139,018; Dec. 6.
- Cathode, Thermionic. E. E. Lowry. 2,140,367; Dec. 13.
- Cathodes, Manufacture of oxide coated. I. Patai. 2,134,415; Oct. 25.
- Cathodes, Process and device for making. A. Mavrogenis. 2,112,968; Apr. 5.
- Cathodic lamp. C. G. Found. 2,135,284; Nov. 1.
- Caustic, Purification of. R. M. Law and H. C. Britton. 2,138,347; Nov. 29.
- Caustic solutions, Dialysis of aqueous. A. W. Saddington and A. P. Julien. 2,138,357; Nov. 29.
- Ceiling for car roofs, Floating. W. D. Thompson and W. E. Bikle. 2,141,494; Dec. 27.
- Ceiling structure. E. C. Marqua. 2,130,285; Sept. 13.
- Celery with white stalks, Apparatus for cultivating. C. M. Piglia. 2,141,486; Dec. 27.
- Cell, Air-depolarized primary. M. L. Martus and E. H. Becker. 2,120,618; June 14.
- Cell, Electrolytic. E. Sorensen. 2,104,677-8; Jan. 4.
- Cell form, Contractible removable inner metal. H. R. Corwin. 2,138,693; Nov. 29.
- Cells, Operating electrolytic. E. Sorensen. 2,104,679; Jan. 4.
- Cellophane, Device for winding and cutting. L. G. Stancliff. 2,105,707; Jan. 18.
- Cellophane dispensing machine. N. Lester and L. A. Becker. 2,137,724; Nov. 22.
- Cellulose acetate and other organic esters of cellulose, Treatment of. H. Dreyfus and R. W. Moncrieff. 2,122,793; July 5.
- Cellulose acetate, Hydrolyzed. C. R. Fordyce. 2,129,052; Sept. 6.
- Cellulose acetate, Preparing. C. J. Malm and L. W. Blanchard, Jr. 2,140,639; Dec. 20.
- Cellulose acetate-propionate composition containing a lower alkyl ricinoleate. H. B. Smith. 2,119,722; June 7.
- Cellulose acetobutyrate, Stabilizing. R. S. Bley. 2,139,661; Dec. 13.
- Cellulose and cellulosic products, Production of. H. Dreyfus. 2,110,546; Mar. 8.
- Cellulose and products thereof, Manufacture of mixed aliphato-nitro. E. Berl. 2,125,880; Aug. 9.
- Cellulose azo compounds and their production, Colored. R. Dinklage. 2,136,377; Nov. 15.
- Cellulose, Bleaching. A. O. Bragg. 2,119,519; June 7.
- Cellulose by the pretreatment of the cellulose, Nitrating. F. B. Stieg. 2,131,764; Oct. 4.
- Cellulosic container. M. C. Meyer. 2,133,629; Oct. 18.
- Cellulose cooking process. O. Brune. 2,140,218; Dec. 13.
- Cellulose derivative composition. R. A. Jacobson. 2,126,113; Aug. 9.
- Cellulose derivative composition and preparing same. R. T. Hucks. 2,140,745; Dec. 20.
- Cellulose derivative compositions. J. K. Hunt and G. H. Latham. 2,113,653; Apr. 12.
- Cellulose derivative compositions. N. L. Kalman. 2,136,384; Nov. 15.
- Cellulose derivative compositions and making the same. C. Dreyfus. 2,124,611; July 26.
- Cellulose derivative manufacture. W. D. Nicoll. 2,114,605; Apr. 19.
- Cellulose derivatives. J. F. Haskins and R. W. Maxwell. 2,131,733; Oct. 4.
- Cellulose derivatives from suspension containing them, Removal of. S. C. Pool and M. L. Piker. 2,124,894; July 26.
- Cellulose derivatives, Manufacture and use of. H. Dreyfus. 2,106,297; Jan. 25.
- Cellulose derivatives, Manufacture of. J. E. Jones and A. C. Cox. 2,122,572; July 5.
- Cellulose derivatives, Manufacture of nitrogenous. R. Stahn. 2,120,513; June 14.
- Cellulose derivatives, Nitrogen-containing. V. R. Hardy. 2,136,296; Nov. 8.
- Cellulose derivatives, Preparation of. J. B. Dickey. 2,113,293; Apr. 5.
- Cellulose derivatives, Production of. W. Traube. 2,140,568; Dec. 20.
- Cellulose derivatives, Reducing the viscosity of. K. Thinius. 2,104,957; Jan. 11.
- Cellulose derivatives, Refining of. C. J. Malm. 2,135,980; Nov. 8.
- Cellulose derivatives, Stabilizing. R. S. Bley. 2,139,662-4; Dec. 13.
- Cellulose derivatives, Treatment of. E. Kinsella, J. Bower, J. F. Briggs, and R. P. Roberts. 2,131,810; Oct. 4.
- Cellulose ester product. C. J. Malm and C. R. Fordyce. 2,110,886; Mar. 15.
- Cellulose esters. G. W. Rigby. 2,123,806; July 12.
- Cellulose esters and ethers, Dyeing. H. Blackshaw and M. A. T. Rogers. 2,132,456; Oct. 11.
- Cellulose esters having a high content of propionyl or butyryl, Preparation of. H. S. Gardner, Jr. 2,113,301; Apr. 5.
- Cellulose esters, Manufacture of. H. A. Auden and H. P. Standinger. 2,110,642; Mar. 8.
- Cellulose esters, Manufacture of. L. E. Clement. 2,104,023; Jan. 4.
- Cellulose esters of organic sulphonic acids and preparation thereof. G. W. Rigby. 2,138,778; Nov. 29.
- Cellulose esters, Preparing. H. G. Stone. 2,136,030; Nov. 8.
- Cellulose esters, Production of. M. G. Milliken. 2,105,609; Jan. 18.
- Cellulose esters, Saponification of. H. Dreyfus. 2,112,275; Mar. 29.
- Cellulose esters, Stabilizing of. C. J. Malm. 2,126,487; Aug. 9.



- Cellulose esters, Treatment of. A. Schuller, R.-G. Tritsmans, and S. Hendrickx. 2,119,116; May 31.
- Cellulose ether compositions. E. C. Britton, S. L. Bass, and E. G. Hallonquist. 2,124,540; July 26.
- Cellulose ether purification. R. R. Bradshaw. 2,104,017; Jan. 4.
- Cellulose ether purification. R. R. Bradshaw. 2,118,664; May 24.
- Cellulose ether recovery. W. R. Collings. 2,121,731-2; June 21.
- Cellulose ether recovery. W. J. Le Fevre and J. W. Britton. 2,107,005; Feb. 1.
- Cellulose ethers, Preparation of. E. J. Lorand. 2,110,526; Mar. 8.
- Cellulose ethers, Purification of. R. R. Bradshaw. 2,118,663; May 24.
- Cellulose ethers, Purification of. W. R. Collings and T. A. Kauppi. 2,138,757; Nov. 29.
- Cellulose fiber for conversion into cellulose acetate, Conditioning of. G. A. Richter. 2,112,999; Apr. 5.
- Cellulose fiber of low solution viscosity for conversion into cellulose derivatives, Production of. G. A. Richter. 2,112,116; Mar. 22.
- Cellulose fibers, Preparing hydrophobic. F. Siefert and J. Stadler. 2,111,698; Mar. 22.
- Cellulose from lignocellulosic materials, Production of. H. Dreyfus. 2,106,797; Feb. 1.
- Cellulose, Manufacture of. H. Dreyfus. 2,118,039; May 24.
- Cellulose, Manufacture of. H. Dreyfus. 2,118,074; May 24.
- Cellulose, Manufacture of alkali. A. Bayerl and K. Kösslinger. 2,106,111; Jan. 18.
- Cellulose, Manufacture of soluble. L. O. Rolleston. 2,126,044; Aug. 9.
- Cellulose, Manufacturing colored soluble. E. de Stubner. 2,125,103; July 26.
- Cellulose matter and resulting products, Hardening. C. Luckhaupt. 2,112,245; Mar. 29.
- Cellulose mixed ester composition containing an alkyl ester of a dicarboxylic aliphatic acid. H. B. Smith. 2,117,827; May 17.
- Cellulose nitrate and liquid nitric esters and the products thereof, Acceleration of gelatinization of. J. T. Power and K. R. Brown. 2,106,188; Jan. 25.
- Cellulose, Noncorrosive organic derivatives of. H. E. Martin and D. A. Ensor. 2,105,543; Jan. 18.
- Cellulose, Organic derivatives of. W. Whitehead. 2,126,851; Aug. 16.
- Cellulose, Preparation of noncorrosive organic derivatives of. H. E. Martin and D. A. Ensor. 2,109,496; Mar. 1.
- Cellulose, Preparation of organic derivatives of. H. E. Martin and D. A. Ensor. 2,105,544; Jan. 18.
- Cellulose preparatory to acylation, Pretreatment of. C. J. Malm. 2,115,735; May 3.
- Cellulose process. R. F. Conaway. 2,104,849; Jan. 11.
- Cellulose, Process of nitrating. L. S. Baker, I. H. Morgan, and R. J. Quid. 2,105,627; Jan. 18.
- Cellulose, Producing a pure white. E. B. F. Sunesson. 2,140,863; Dec. 20.
- Cellulose products and method of making. S. I. Hodgeson and R. M. Meiklejohn. 2,108,125; Feb. 15.
- Cellulose products, Manufacture of artificial. W. Schieber and W. Harz. 2,137,955; Nov. 22.
- Cellulose pulp for acetylation and the like, Conditioning of sheeted. G. A. Richter. 2,112,115; Mar. 22.
- Cellulose, Saccharification of. H. Scholler. 2,123,211; July 12.
- Cellulose structures and preparing same, Regenerated. E. R. McKee. 2,116,210; May 3.
- Cellulose to form viscose, Xanthation of. G. A. Richter and E. W. Lovering. 2,126,976; Aug. 16.
- Cellulose, Treating. A. Schuller and R.-G. Tritsmans. 2,119,117; May 31.
- Cellulose, Treatment of derivatives of. G. Schneider. 2,109,509; Mar. 1.
- Cellulose, Treatment of organic derivatives of. W. Whitehead. 2,105,570; Jan. 18.
- Cellulose triacetate, Producing stable solutions of. K. Werner. 2,128,340; Aug. 30.
- Cellulose triacetate, Stabilizing. R. S. Bley. 2,140,347; Dec. 13.
- Cellulose triacetate, Treatment of. H. A. Auden, H. P. Staudinger, and P. Eaglesfield. 2,121,899; June 28.
- Cellulose xanthate solution, Preparation of. G. A. Richter. 2,117,037; May 10.
- Cellulose xanthate solutions, Making. G. A. Richter. 2,117,038; May 10.
- Cellulose xanthate solutions, Preparation of. G. A. Richter. 2,112,576; Mar. 29.
- Cellulose, Xanthating. G. A. Richter and H. P. Vannah. 2,106,812; Feb. 1.
- Cellulose, Xanthation of. G. A. Richter. 2,126,975; Aug. 16.
- Cellulosic articles. T. F. Banigan. 2,117,392; May 17.
- Cellulosic fiber, Treating. J. G. Evans and S. A. Slater. 2,130,460; Sept. 20.
- Cellulosic masses, Handling viscous. S. G. Milhorn. 2,132,873; Oct. 11.
- Cellulosic material, Artificial. F. Raspe and H. Glere. 2,121,408; June 21.
- Cellulosic material, Method and apparatus for digesting. F. J. Dooley. 2,121,074; June 21.
- Cellulosic structure. T. F. Banigan. 2,137,301; Nov. 22.
- Cellulosic structure and making the same. C. N. Brown. 2,133,805; Oct. 18.
- Cellulosic structure and preparing same. F. P. Alles. 2,123,493; July 12.
- Cellulosic structure and preparing same. D. E. Drew. 2,116,193; May 3.
- Cellulosic structure and preparing same. L. P. G. Vautier and R. E. Fays. 2,141,776; Dec. 27.
- Cellulosic structure, Artificial. H. H. Levin. 2,141,396; Dec. 27.
- Cellulosic structures, Method and apparatus for the production of. A. Hershberger. 2,138,578; Nov. 29.
- Cellulosic structures, Production of. N. A. Craigue. 2,133,810; Oct. 18.
- Cement, Alkali silicate. P. de Leeuw. 2,114,166; Apr. 12.
- Cement and making the same. M. A. Baernstein. 2,121,557; June 21.
- Cement and preparing the same, Linoleum. E. B. Robinson. 2,111,992; Mar. 22.
- Cement, Apparatus for testing. J. E. Weiler. 2,122,765; July 5.
- Cement, Apparatus for use in the manufacture of. J. H. Hoffmann. 2,112,492; Mar. 29.
- Cement, Bituminous. B. A. Anderton. 2,131,085; Sept. 27.
- Cement clinker, Apparatus for producing. H. Vanderwerp. 2,132,710; Oct. 11.
- Cement clinker, Grinding of. H. L. Kennedy and J. G. Mark. 2,141,571; Dec. 27.
- Cement clinker quenching process, Portland. H. E. Kaiser. 2,130,625; Sept. 20.
- Cement clinkers, Quenching Portland. H. E. Kaiser. 2,130,626; Sept. 20.
- Cement composition, Forming a fibrous. C. H. Schuh. 2,120,268; June 14.
- Cement conveyer, Pneumatic. W. A. McCannless and R. R. Henderson. 2,127,693; Aug. 23.
- Cement manufacture. N. Ahlmann. 2,125,263; Aug. 2.
- Cement manufacture. M. Vogel-Jorgensen. 2,111,517; Mar. 15.
- Cement, Manufacturing Portland. H. E. Kaiser. 2,130,624; Sept. 20.
- Cement mass. K. Dalmier and H. Thron. 2,131,533; Sept. 27.
- Cement, Process and apparatus for manufacturing. A. K. Frolich and A. Lundteigen, Jr. 2,140,471; Dec. 13.
- Cement process and product. H. M. Larmour and S. C. Pierce, Jr. 2,133,622; Oct. 18.
- Cement process, Expanded. A. Henderson. 2,119,860; June 7.
- Cement retainer. T. M. Ragan and C. E. Burt. 2,121,051; June 21.
- Cement retainer and bridge plug for well casings. R. C. Baker. 2,121,002; June 21.
- Cement retainer and bridge plug, Wire line operated. R. C. Baker and C. E. Burt. 2,117,535; May 17.
- Cement retainer, Hydraulically controlled. T. M. Ragan and C. E. Burt. 2,121,050; June 21.
- Cement spray device. J. E. Smith. 2,124,989; July 26.
- Cement, Sulphur. W. B. Duecker. 2,135,747; Nov. 8.
- Cement testing device. R. Bortsch. 2,129,043; Sept. 6.
- Cementing equipment, Floating. C. M. O'Leary and O. F. King. 2,116,408; May 3.
- Cementing equipment for wells. W. D. Owsley. 2,104,270; Jan. 4.
- Cementing machine. H. E. Edwards. 2,113,684; Apr. 12.
- Cementing machine. I. L. Keth. 2,108,674; Feb. 15.
- Cementing machine, Five roll. W. P. Osgood. 2,114,453; Apr. 19.
- Cementing plug. A. L. Armentrout and R. W. Gudle. 2,111,370; Dec. 27.
- Cementing plug. J. F. Blee. 2,109,058; Feb. 22.
- Cementitious composition of matter, Making. B. F. and P. B. Brice. 2,133,245; Oct. 11.
- Cementitious mixtures, Method and apparatus for treating. T. C. Knight. 2,128,779; Aug. 30.
- Cementitious substance from blast furnace slag, Manufacturing. J. L. Parker and C. H. Starns. 2,125,520; Aug. 2.
- Center. D. A. Gegenheimer and J. J. Kirby. 2,118,301; May 24.
- Center and transverse contraction joint. R. R. Robertson. 2,119,355; May 31.
- Center finding device. W. S. Pierce, Jr. 2,109,976; Mar. 1.
- Center structure for eyeglasses and spectacles. J. Beattie. 2,140,044; Dec. 13.
- Centering device. A. A. Durant. 2,129,680; Sept. 13.
- Centering device. T. N. Naplew. 2,114,228; Apr. 12.
- Centering device for articulated trucks. W. S. H. Hamilton and F. W. Butt. 2,116,944; May 10.
- Centering device for locomotive trucks. W. S. H. Hamilton and F. W. Butt. 2,134,443; Oct. 25.
- Centering device for typewriting machines. E. L. Burnett. 2,139,257; Dec. 6.
- Centralizer for drill steels. O. H. Fuehrer and O. W. Hulsizer. 2,108,035; Feb. 15.
- Centralizer for drill steels. J. I. Hulsizer. 2,114,716; Dec. 27.
- Centrifugal apparatus, Automatic. R. A. Steps. 2,105,059; Jan. 14.
- Centrifugal blower wheel. W. T. Swingle and L. P. Buckley. 2,125,097; Aug. 2.



- Centrifugal extractor. F. E. Krauss. 2,106,609; Jan. 25.  
Centrifugal extractor. A. Schellenberg. 2,130,160; Sept. 13.  
Centrifugal machine. W. H. Bath. 2,106,688; Jan. 25.  
Centrifugal machine. W. H. Bath. 2,126,864; Aug. 16.  
Centrifugal machine. E. P. Holder and E. L. Miller. 2,138,167; Nov. 29.  
Centrifugal process. A. U. Ayres and A. T. Scott. 2,138,467; Nov. 29.  
Centrifugal pump. C. H. Fox. 2,112,651; Mar. 29.  
Centrifugal pump. H. E. La Bour. 2,134,254-5; Oct. 25.  
Centrifugal pump. W. E. Pratt. 2,117,011; May 10.  
Centrifugal pump, Parallel series. C. H. Fox. 2,107,694; Feb. 8.  
Centrifugal pump, Self-priming. H. E. La Bour. 2,110,883; Mar. 15.  
Centrifugal separating. W. Neumann. 2,110,978; Mar. 15.  
Centrifugal separation. L. D. Jones. 2,138,476; Nov. 29.  
Centrifugal separator. A. U. Ayres. 2,138,468; Nov. 29.  
Centrifugal separator. A. De Mattia. 2,129,992; Sept. 13.  
Centrifugal separator. H. E. Elrod. 2,113,175; Apr. 5.  
Centrifugal separator. H. W. Fawcett. 2,136,127; Nov. 8.  
Centrifugal separator. W. R. Macklind. 2,104,162; Jan. 4.  
Centrifugal separator. T. Schmidt. 2,128,166; Aug. 23.  
Centrifugal separator. D. Teatini. 2,110,778; Mar. 8.  
Centrifugal separator. J. F. Tholl. 2,120,139; June 7.  
Centrifugal separator, Closed. S. H. Hall. 2,107,035; Feb. 1.  
Centrifugal switch. G. S. Moore and E. G. Streckfuss. 2,128,841; Aug. 30.  
Centrifugal switch. R. L. Tanson. 2,123,084; July 5.  
Centrifugal switch. H. L. Wilcox. 2,115,603; Apr. 26.  
Centrifugal switch. L. W. Young. 2,138,801; Nov. 29.  
Centrifugal vacuum pump. M. A. Schwartz. 2,104,246; Jan. 4.  
Centrifuge. H. Dransfeld. 2,106,832; Feb. 1.  
Centrifuge. J. Schaaf. 2,107,909; Feb. 8.  
Centrifuge for separating the petroleum oil from sulphuric acid. Operation of a. A. A. Wells and D. F. Edwards. 2,129,751; Sept. 13.  
Centrifuge unloader. E. V. Murphree and E. D. Reeves. 2,113,160; Apr. 5.  
Ceramic. M. Carter and G. Heinz. 2,121,018; June 21.  
Ceramic articles, Manufacture of. P. de Leeuw. 2,104,609; Jan. 4.  
Ceramic composition. A. Malinowszky. 2,106,410; Jan. 25.  
Ceramic compositions and making the same. A. H. Fessler. 2,106,598; Jan. 25.  
Ceramic glazing composition. E. R. Stowell. 2,106,879; Feb. 1.  
Ceramic manufacture. W. E. Duskey. 2,132,257; Oct. 4.  
Cereal food process. E. H. McKay. 2,131,450; Sept. 27.  
Cereal product, Preparing. J. F. Walsh. 2,135,445; Nov. 1.  
Cereals and resulting product, Treating. H. J. Billings. 2,131,881; Oct. 4.  
Certificate holder. G. E. Kellogg. 2,110,768; Mar. 8.  
Chain: See—  
Antiskid chain. Gold wrought chain.  
Antiskid cross chain. Link chain.  
Conveyer chain. Post clamp chain.  
Cross chain. Potato digger chain.  
Cutter chain. Rubber covered chain.  
Endless chain. Tire chain.  
Furnace conveyer chain. Tractor wheel lug chain.  
Chain. W. F. Biedermann. 2,140,491; Dec. 20.  
Chain. L. E. Brill. 2,113,980; Apr. 12.  
Chain. J. C. Howe. 2,117,169; May 10.  
Chain. D. L. Raitt. 2,132,803; Oct. 11.  
Chain and making the same. F. H. Dalrymple. 2,129,407; Sept. 6.  
Chain applier, Tire. J. A. Martz. 2,131,405; Sept. 27.  
Chain connector. O. L. Gerwig. 2,104,193; Jan. 4.  
Chain construction, Sprocket. W. J. Sparling. 2,141,771; Dec. 27.  
Chain conveyer. H. H. Morgan. 2,129,380; Sept. 6.  
Chain cradle. T. Marriott. 2,130,986; Sept. 20.  
Chain device, Skid. E. E. Davis. 2,128,286; Aug. 30.  
Chain drill. D. H. Goodman. 2,137,940; Nov. 22.  
Chain fastener. F. E. Stahl. 2,123,864; July 12.  
Chain length adjuster, Bead. W. D. Blatz. 2,117,137; May 10.  
Chain links, Forming twisted. J. H. Hilliard. 2,116,116; May 3.  
Chain links, Making. E. W. Taylor and C. Peterson. 2,125,967; Aug. 9.  
Chain or linkage. C. H. Kesteman. 2,136,818; Nov. 15.  
Chain repairing apparatus. L. Hoffman. 2,121,400; June 21.  
Chain scraper, and conveyer, Combination of a. J. W. Pearl. 2,138,678; Nov. 29.  
Chain snare lock. J. Kleffman. 2,110,333; Mar. 8.  
Chain sprocket, Self-oiling. C. W. Shartle, Jr. 2,134,490; Oct. 25.  
Chain structure, Expansible. S. O. Bigney. 2,117,395; May 17.  
Chain tightener. W. A. Heinrich. 2,120,497; June 14.  
Chain with reinforced links. J. R. Reyburn. 2,110,474; Mar. 8.  
Chains, Adjusting driving. G. Estelles. 2,139,941; Dec. 13.  
Chair: See—  
Adjustable back chair. Obstetrical chair.  
Adjustable chair. Posture chair.  
Collapsible adjustable chair. Rail chair.  
Collapsible chair. Reclining chair.  
Convertible chair. Revolving chair.  
Foldable chair. Surgical chair.  
Folding chair. Tilttable chair.  
Lawn chair. Transportation chair.  
Chair. W. H. Bond, Jr. 2,125,985; Aug. 9.  
Chair. R. Burns and H. H. Hayward. 2,128,522; Aug. 30.  
Chair. N. E. Cole. 2,141,262; Dec. 27.  
Chair. C. E. Ferreira and L. U. McAbee. 2,115,258; Apr. 26.  
Chair. W. M. Hanson. 2,132,467; Oct. 11.  
Chair. D. H. Hayden. 2,125,920; Aug. 9.  
Chair. T. E. Heinritz. 2,118,509; May 24.  
Chair. W. R. McGowen. 2,121,130; June 21.  
Chair. W. R. McGowen. 2,134,639; Oct. 25.  
Chair. C. H. Oermann. 2,130,022; Sept. 13.  
Chair. C. H. Oermann. 2,135,333; Nov. 8.  
Chair. C. H. Parker. 2,117,821; May 17.  
Chair. S. Peppas. 2,124,893; July 26.  
Chair. S. Peppas. 2,136,058; Nov. 8.  
Chair. D. Powell. 2,139,205; Dec. 6.  
Chair. E. M. Sims. 2,139,176; Dec. 6.  
Chair. B. R. Smith. 2,105,510; Jan. 18.  
Chair. J. H. Van Wyck. 2,113,145; Apr. 5.  
Chair and crutch, Combination wheeled. N. G. Bowser. 2,129,260; Sept. 6.  
Chair back construction. R. W. Lotz. 2,127,337; Aug. 16.  
Chair back construction, Flexible. L. F. Hosek. 2,141,532; Dec. 27.  
Chair base and making the same. R. W. Bancroft. 2,119,946; June 7.  
Chair construction. P. Fleischer. 2,122,935; July 5.  
Chair covering. H. A. Sallop and C. Emmey. 2,109,652; Mar. 1.  
Chair drive, Wheel. D. Henderson. 2,130,426; Sept. 20.  
Chair for invalids, Collapsible. F. H. Jacobs. 2,133,540; Oct. 18.  
Chair for supporting concrete reinforcing rods. F. D. Reiland. 2,134,533; Oct. 25.  
Chair iron. W. F. Herold. 2,106,174; Jan. 25.  
Chair iron. H. W. Sheldrick. 2,140,058; Dec. 13.  
Chair leg extension, Adjustable. C. H. Dallas. 2,107,629; Feb. 8.  
Chair or the like convertible into couch, divan, bed, or the like. Easy. S. Molnar. 2,104,666; Jan. 4.  
Chair seat. E. C. Klaiber. 2,132,482; Oct. 11.  
Chair, seat, and the like. A. H. Gabb. 2,137,335; Nov. 22.  
Chair, seat, and the like. R. H. Hillman. 2,110,151; Mar. 8.  
Chair, settee, or like furniture. W. H. Sadgrove. 2,106,066; Jan. 18.  
Chair structure. J. D. Rogers. 2,115,879; May 3.  
Chair tip. C. W. Moore. 2,140,541; Dec. 20.  
Chair tip and fastener therefor. G. W. Hambrook. 2,137,803; Nov. 22.  
Chair with tilttable seat. M. Stam. 2,136,198; Nov. 8.  
Chalk sharpening machine. D. S. Gold. 2,138,597; Nov. 29.  
Chamber, Combustion. B. A. Peterson. 2,136,635; Nov. 15.  
Chamber or container, Metal-walled vacuum. E. L. Schellens. 2,108,212; Feb. 15.  
Chamber, Rock wool blow. A. F. Miller. 2,129,434; Sept. 6.  
Champagne, Method and apparatus for making and decanting. W. C. Saville. 2,106,192; Jan. 25.  
Change-amplifying means. J. W. Dawson. 2,140,349; Dec. 13.  
Change-box loom, Automatic. L. S. Vose. 2,126,064; Aug. 9.  
Change making attachment for cash registers. H. C. Dieserud. 2,127,642; Aug. 23.  
Change making machine. S. J. Bachardy. 2,125,058; July 26.  
Change motion mechanism for jacquard looms. F. C. Matthews. 2,121,092; June 21.  
Change-over assembly. F. Pedatella. 2,138,478-9; Nov. 29.  
Change-over, Automatic. N. F. Matteson, G. L. Bub, and R. Q. Moore. 2,109,499; Mar. 1.  
Change-over device, Automatic. R. W. Thomas. 2,138,988; Dec. 6.  
Change-over device, Automatic. R. W. Thomas and C. MacSporran. 2,138,989; Dec. 6.  
Change over for sound picture apparatus. J. F. Nielsen. 2,106,957; Feb. 1.  
Change-over or switch device for radio frequency feed leads. L. Leng. 2,127,336; Aug. 16.  
Change-paying mechanism. S. J. Bachardy. 2,125,059; July 26.  
Change responsive controlling means. V. E. Carbonara. 2,132,286; Oct. 4.  
Change speed device. J. W. Hale. 2,140,155; Dec. 13.  
Change-speed gear, Fluid-operated. C. T. Rogers. 2,108,270; Feb. 15.



- Change speed gear, Stepwise variable. G. E. Jonsson. 2,113,088; Apr. 5.
- Change speed mechanism. O. H. Banker. 2,140,502; Dec. 20.
- Change speed mechanism. C. P. Winter. 2,131,247; Sept. 27.
- Changeable exhibitor. L. Kilborn. 2,117,613; May 17.
- Changeable letter sign. D. Bonetti. 2,118,696; May 24.
- Changeable sign. K. Huston and E. C. Sonne. 2,127,997; Aug. 23.
- Changeable sign. L. C. Loy. 2,125,576; Aug. 2.
- Channel-iron bending apparatus. H. H. Samuel. 2,108,271; Feb. 15.
- Channel selecting system, Fixed. F. A. Eisenmann. 2,115,624; Apr. 26.
- Channel-vented box. J. P. Brunt and E. E. Maston. 2,106,908; Feb. 1.
- Character aligning sheet. H. Landsiedel. 2,126,480; Aug. 9.
- Characteristic control circuit, Audio transmission. P. O. Farnham. 2,112,595; Mar. 29.
- Characters, Apparatus for printing. J. N. Loop. 2,129,065; Sept. 6.
- Characters, Producing. J. H. Pollard. 2,122,043; June 28.
- Charge cooler. J. H. Robertson. 2,105,267; Jan. 11.
- Charge diluting attachment for engine intake manifolds. C. Strancke. 2,134,767; Nov. 1.
- Charge forming device. C. N. Mitchell. 2,138,038; Nov. 29.
- Charge forming device for internal combustion engines. R. E. and R. A. Chartier. 2,116,962; May 10.
- Charge-forming device for internal combustion engines. F. P. Rounillat. 2,119,179; May 31.
- Charge indicator for trackless trolley coaches, Body. L. C. Josephs, Jr., and L. J. Heine. 2,125,050; July 26.
- Charge storage dissector. P. T. Farnsworth. 2,140,695; Dec. 20.
- Charge storage dissector tube. P. T. Farnsworth. 2,141,836; Dec. 27.
- Charges for internal combustion engines, Forming and distributing. A. Moore. 2,121,529; June 21.
- Charges, Method of and apparatus for weighing out. N. E. Dorrington. 2,137,334; Nov. 22.
- Charging and discharging mechanism for presses. A. R. Welch. 2,127,278; Aug. 16.
- Charging and discharging valve. H. S. Hinchman. 2,120,248; June 14.
- Charging apparatus for carbonizing plants. M. H. McEwan. 2,141,545; Dec. 27.
- Charging apparatus for concrete mixers and the like. C. I. Longenecker and C. F. Ball. 2,135,440; Nov. 1.
- Charging machine for open hearth furnaces and the like. P. H. Douglas and J. F. Rogers. 2,119,425; May 31.
- Chariot vehicle. J. C. Rumsey. 2,108,868; Feb. 22.
- Chart and making the same, Color. H. E. Ives. 2,128,676; Aug. 30.
- Chart calculating machine. J. B. McGay. 2,128,834; Aug. 30.
- Chart clamp. M. O. Snediker. 2,128,541; Aug. 30.
- Chart, Cooking. W. G. Kohlenberger. 2,111,268; Mar. 15.
- Chart holder. A. M. Hunter. 2,110,802; Mar. 8.
- Chart, Music. C. H. Randolph. 2,108,208; Feb. 15.
- Chart, Recording on a strip. C. O. Fairchild. 2,131,346; Sept. 27.
- Charting device. A. R. Jackson. 2,118,675; May 24.
- Charts or the like, Method of and apparatus for printing instrument. A. G. Beal and B. Holmberg. 2,104,551; Jan. 4.
- Chaser and chaser clamp. C. A. Reimschuessel. Re. 20,930; Nov. 29.
- Chaser assembly. F. Nell. 2,120,621; June 14.
- Chaser-holder for thread-cutting tools. A. F. Brettenstein. 2,119,984; June 7.
- Chassis, Automobile. C. Macbeth. 2,137,848; Nov. 22.
- Chassis for a child's vehicle, Shock absorbing. P. T. Baumgartner. 2,132,841; Oct. 11.
- Chassis for motor driven vehicles. F. W. Dixon. 2,105,781; Jan. 18.
- Chassis-frame for automobile vehicles. G. Brouhiet. 2,121,497; June 21.
- Chassis-frame for motor-vehicles. E. G. Grinham. 2,105,144; Jan. 11.
- Chassis, Motor vehicle. H. Ledwinka. 2,105,153; Jan. 11.
- Chassis, Motor vehicle. K. Rabe and W. Boxan. 2,133,633; Oct. 18.
- Chassis of motor-driven vehicles. P. Nallinger. 2,132,963; Oct. 11.
- Chassis of vehicles. K. and H. O. Schröter. 2,105,553; Jan. 18.
- Check and rack, Key. A. Drummond. Re. 20,928; Nov. 29.
- Checkbook holder. P. C. Morris. 2,119,826; June 7.
- Check cash book. C. A. Frost. 2,136,186; Nov. 8.
- Check ejector, Jamproof. C. J. Brettenstein. 2,132,229; Oct. 4.
- Check for check controlled apparatus. A. A. Knee. 2,133,250; Oct. 11.
- Check, High level safety. O. A. Kottmann. 2,124,783; July 26.
- Check, Hydraulic. C. N. Mitchell. 2,121,814; June 28.
- Check machine, Sales tax. A. Melhman and M. Sheras. 2,105,948; Jan. 18.
- Check-protecting means. R. E. Bauder. 2,124,535; July 26.
- Check punching device, Food. S. Taub. 2,131,601; Sept. 27.
- Check sorting machine with card punching attachment. S. Brand. 2,131,912; Oct. 4.
- Check writer. F. W. Dahlberg. 2,109,104; Feb. 22.
- Check writer. E. H. Thompson. 2,118,871; May 31.
- Checkerwork. E. A. McKelvy. 2,107,675; Feb. 8.
- Checkerwork. H. L. Smalley. 2,108,871; Feb. 22.
- Checkerwork, Cleaning. F. H. Loftus. 2,136,113; Nov. 8.
- Checkerwork for hot-blast stoves. J. P. Foley. 2,139,073; Dec. 6.
- Checking device for motor car doors. V. Valletta. 2,131,339; Sept. 27.
- Checking device for multiplying machines. J. W. Bryce. 2,141,599; Dec. 27.
- Checking mechanism. E. Davis. 2,138,372; Nov. 29.
- Cheese, Making. W. D. Saunders. 2,141,698; Dec. 27.
- Cheese, Making blue-veined. C. B. Lane and B. W. Hammer. 2,132,077; Oct. 4.
- Cheese package. J. R. Meyers. 2,111,051; Mar. 15.
- Cheese, Packaging sliced. J. Rossman and C. L. Wagner. 2,109,093; Feb. 22.
- Cheese, Processing. E. Freidel. 2,126,679; Aug. 9.
- Cheese rack. M. J. Schneider. 2,113,386; Apr. 5.
- Chemical apparatus. H. B. Vollrath. 2,122,187; June 28.
- Chemical composition. J. G. Moore. 2,109,299; Feb. 22.
- Chemical compound. W. Brün. Re. 20,718; May 10.
- Chemical compound, Anticombustible. J. Sumichrast and S. A. Molnar. 2,111,704; Mar. 22.
- Chemical flow controller. R. S. McKeever. 2,140,679; Dec. 20.
- Chemical heater composition. M. L. Spiegel. 2,134,455; Oct. 25.
- Chemical heating pad. W. H. H. Davis and L. Markel. 2,132,681; Oct. 11.
- Chemical identification and control analysis, Qualitative. H. P. Lankelma. 2,109,645; Mar. 1.
- Chemical picture carriers, Manufacturing. C. and H. H. H. Renck. 2,120,416; June 14.
- Chemical process. J. W. Hill and R. A. Jacobson. 2,134,825; Nov. 1.
- Chemical process. R. W. Maxwell. 2,134,086; Oct. 25.
- Chemical process. R. W. Maxwell. 2,137,343; Nov. 22.
- Chemical reactions, Carrying out. A. T. Mertes. 2,128,311; Aug. 30.
- Chemical receptacle for attachment to garment hangers. S. J. Evans. 2,139,404; Dec. 6.
- Chemicals direct to boilers, Apparatus for feeding water conditioning. E. W. Butzler. 2,130,417; Sept. 20.
- Chemicals into an oil stream, Introducing and mixing. H. B. Cleary. 2,117,789; May 17.
- Chemicals, Polymerization of organic. B. M. Marks. 2,109,595; Mar. 1.
- Chest. G. A. Loftin. 2,124,071; July 19.
- Chest. W. Ziegler. 2,131,576; Sept. 27.
- Chest for silverware, etc. Display. R. W. Drummond and M. Rogers. 2,122,738; July 5.
- Chestnuts in prime condition, Maintaining. W. C. Anderson. 2,106,314; Jan. 25.
- Chick box. J. S. Kirby. 2,134,051; Oct. 25.
- Chick box. J. Z. Means, L. R. Conklin, and J. H. Conway. 2,138,112; Nov. 29.
- Chick box, Stickless stapless. N. F. Schaefer. 2,113,097; Apr. 5.
- Child's toilet seat. E. E. Merrett. 2,113,704; Apr. 12.
- Child's vehicle. B. Bergen. 2,118,640; May 24.
- Child's vehicle. M. J. Young. 2,125,976; Aug. 9.
- Chill for continuous string casting. G. Behrendt. 2,131,307; Sept. 27.
- Chilling apparatus. V. E. Kroft and A. Roe. 2,109,135; Feb. 22.
- Chilling device for dairy products and the like. C. Doering. 2,141,462; Dec. 27.
- Chime, Electric door. E. G. Anderson. 2,104,903; Jan. 11.
- Chime, Musical. L. M. Alexander. 2,133,941; Oct. 18.
- Chime signal. F. Von Voigtlander. 2,126,433; Aug. 9.
- Chimney and/or ventilating cowl. E. L. Ford and T. P. W. Brown. 2,120,605; June 14.
- Chimney structure. H. E. Lush. 2,116,118; May 3.
- Chip breaker. R. D. Shaw. 2,137,358; Nov. 22.
- Chip conveyor. C. R. Honsdorfer. 2,136,010; Nov. 8.
- Chisel apparatus, Power. T. T. Alkin. 2,124,024; July 19.
- Chlorhydrin, Making. C. G. Harford. 2,107,789; Feb. 8.
- Chlorhydrins, Sulphonation of. H. E. Rue. 2,139,689; Dec. 13.
- Chloride dioxide. J. O. Logan. 2,131,447; Sept. 27.
- Chloride, Method of and compounds for controlling polymerization of vinylidene. G. H. Coleman and J. W. Zomba. 2,136,334; Nov. 8.
- Chloride, Stabilization of vinylidene. G. H. Coleman and J. W. Zomba. 2,136,333; Nov. 8.
- Chloride, Stabilizing vinylidene. R. M. Wiley. 2,136,347; Nov. 8.
- Chloridizing cyanide process for extracting values from ores. G. P. Stoff. 2,127,240; Aug. 16.
- Chlorinated compounds, Stabilization of. A. A. Levine and O. W. Cass. 2,125,381; Aug. 2.



- Chlorination process. H. B. Hass and E. T. McBee. 2,105,733; Jan. 18.
- Chlorinator. C. V. Swearingen. 2,109,439; Feb. 22.
- Chlorinator, Automatic. S. J. Pugatz. 2,136,776; Nov. 15.
- Chlorine containing derivatives of rubber, Production of. J. M. Peterson. 2,140,715; Dec. 20.
- Chlorine dioxide, Production of. G. P. Vincent. 2,108,976; Feb. 22.
- Chloro-amines, Manufacture of. E. Staudt and G. van der Lee. 2,118,904; May 31.
- Chlorobutenes, Production of. H. B. Dykstra. 2,123,504; July 12.
- Chloroform. G. H. Coleman, B. C. Hadler, and E. C. Zuckermadel. 2,104,703; Jan. 4.
- Chlorohydrocarbon emulsion. A. A. Elston. 2,140,519; Dec. 20.
- Chock, Drop-flush. F. A. Mutchler, Sr. 2,127,044; Aug. 16.
- Chock for mill roll mandrels. C. W. Mayer. 2,113,701; Dec. 12.
- Chocolate, Manufacture of. W. T. Jones and L. Dotzer. 2,137,294; Nov. 22.
- Choke, Adjustable gun. E. F. White. Re. 20,958; Dec. 27.
- Choke, Automatic. A. J. E. Roualet. 2,108,296; Feb. 15.
- Choke, Automatic. A. J. E. Roualet. 2,127,345; Aug. 16.
- Choke, Automatic. G. R. Sisson. 2,134,421; Oct. 25.
- Choke for shotguns, Variable. W. H. Sedberry. 2,134,238; Oct. 25.
- Choke valve, Carburetor. M. E. Chandler. 2,140,734; Dec. 20.
- Choke, Variable. E. E. Davidson. 2,131,836; Oct. 4.
- Cholesterol, Activation of. M. S. Kharasch and S. Weinhouse. 2,112,200; Mar. 22.
- Chopper, Cotton. O. Pullen. 2,120,867; June 14.
- Chopper, Food. S. Braun and F. P. Hess. 2,106,626; Jan. 25.
- Chopper, Food. M. Higgs. 2,113,085; Apr. 5.
- Chopper, Food. H. E. A. Rable. 2,138,203; Nov. 29.
- Chopper, Onion. C. L. Hanel. 2,140,010; Dec. 13.
- Chopper, Rotary stalk. G. E. Weems. 2,123,579; July 12.
- Chopper, Stalk. E. D. Schwarz. 2,118,363; May 24.
- Chromatic blender. R. Gilbert. 2,107,860; Feb. 8.
- Chrome liquors, Treating. D. A. Williams. 2,110,187; Mar. 8.
- Chromium alloy steels, Gold plating. H. S. Lukens. 2,133,995; Oct. 25.
- Chromium and baths therefor, Electrodeposition of. O. Krämer. 2,114,002; Apr. 12.
- Chromium plating. A. M. Wagner. 2,118,956; May 31.
- Chromium plating, Method of. M. Brown and A. M. Wagner. 2,127,640; Aug. 23.
- Chromizing. H. S. Cooper. 2,141,640; Dec. 27.
- Chuck. W. F. Groene. 2,106,501; Jan. 25.
- Chuck. R. W. Johnson. 2,116,243; May 3.
- Chuck. R. M. Seawright, (Robert M. F. Seawright). 2,117,746; May 17.
- Chuck. H. E. Sloan and G. A. Highberg. 2,122,360; June 28.
- Chuck, Adjustable depth. F. R. Brown. 2,118,485; May 24.
- Chuck and driver, Friction. J. Helgerud. 2,141,786; Dec. 27.
- Chuck, Auxiliary. J. A. St. Clair and D. E. Gommel. 2,104,472; Jan. 4.
- Chuck, Capping. H. E. Gantzer. 2,116,067; May 3.
- Chuck, Collet. J. A. Derrig. 2,139,733; Dec. 13.
- Chuck, Crankshaft. W. F. Groene. 2,104,481; Jan. 4.
- Chuck, Crankshaft. W. F. Groene and W. R. Meyer. 2,129,271; Sept. 6.
- Chuck, Crankshaft. W. F. Groene and W. R. Meyer. 2,131,698; Sept. 27.
- Chuck, Crankshaft. W. F. Groene and H. J. Siekmann. 2,110,266; Mar. 8.
- Chuck, Crankshaft. W. F. Groene and H. J. Siekmann. 2,113,509; Apr. 5.
- Chuck, Drill. A. E. Rineer. 2,139,421; Dec. 6.
- Chuck for woodworking tools. T. L. Hedgpath. 2,111,067; Mar. 15.
- Chuck, Magnetic. H. E. Tracy. 2,132,885; Oct. 11.
- Chuck mechanism. H. C. Johansen. 2,114,305; Apr. 19.
- Chuck mechanism for rock drills. F. M. Slater. 2,138,944; Dec. 6.
- Chuck operating mechanism, Fluid. E. P. Bullard and G. R. Appelberg. 2,122,356; June 28.
- Chuck, Tap. V. Grey. 2,141,465; Dec. 27.
- Chucks. F. R. Swanson. 2,140,303; Dec. 13.
- Churn. F. G. Clark. 2,105,212; Jan. 11.
- Churn. E. A. Hornbostel. 2,118,306; May 24.
- Churn. A. C. Hougland. 2,104,462; Jan. 4.
- Churn, Butter. F. G. Clark. 2,108,162; Feb. 15.
- Churn, Buttermilk. J. Cohen. 2,136,936; Nov. 15.
- Churn, Power. G. Fins. 2,138,296; Nov. 29.
- Churn, Roll-over. H. Christensen. 2,111,356; Mar. 15.
- Chute. A. N. Klyver. 2,124,964; July 26.
- Chute, Animal holding. W. J. Walsh. 2,126,593; Aug. 9.
- Chute, Coin. G. L. Cherry and V. H. Dupre. 2,108,651; Feb. 15.
- Chute, Coin. C. B. Gorton. 2,116,309; May 3.
- Chute, Coin. B. C. Grunig. 2,135,710; Nov. 8.
- Chute, Quill. A. M. Pressley. 2,116,039; May 3.
- Chute restraining means for use in dehorning, Cattle. W. Gregory. 2,136,008; Nov. 8.
- Chute, Screen. A. L. Smith and F. E. McGovern. 2,124,475; July 19.
- Chute, Silo. W. W. Gurney. 2,105,145; Jan. 11.
- Chute, Stock loading. E. H. Donnan. 2,107,371; Feb. 8.
- Chute, Visible coin. D. C. Rockola. 2,136,891; Nov. 15.
- Cigar. E. W. Berriman. 2,141,078; Dec. 20.
- Cigar and cigarette extinguisher. W. E. Cook. 2,111,172; Mar. 15.
- Cigar box. H. Jacobstein. 2,135,518; Nov. 8.
- Cigar box. C. G. Myers. 2,123,953; July 19.
- Cigar bunching machine. H. Enfield. 2,129,997; Sept. 13.
- Cigar feed for cellophaning and banding machines. J. A. Neumair. 2,138,662; Nov. 29.
- Cigar lighter. J. H. Cohen. 2,117,232; May 10.
- Cigar machine. K. E. Granstedt. 2,135,892; Nov. 8.
- Cigar machine belt feed control. H. H. Wheeler. 2,124,219; July 19.
- Cigar making machine. C. F. Röber. 2,115,829; May 3.
- Cigar shaping machine. B. Stelzer. 2,140,093; Dec. 13.
- Cigar-tip perforating machine. M. Caraballo and J. G. Zendegui. 2,104,292; Jan. 4.
- Cigar-wrapping machine. C. Bustamante. 2,108,429; Feb. 15.
- Cigars and the like, Packaging. H. A. Burns. 2,130,729; Sept. 20.
- Cigars, Device for perforating the ends of. M. Caraballo and J. G. Zendegui. 2,104,291; Jan. 4.
- Cigars, Manufacture of. C. F. Röber. 2,140,167; Dec. 13.
- Cigarette. W. C. Higley. 2,109,132; Feb. 22.
- Cigarette. R. F. May. 2,118,783; May 24.
- Cigarette and like packing machine. J. Crighton. 2,124,187; July 19.
- Cigarette case. A. J. Campos. 2,123,692; July 12.
- Cigarette case. P. J. Desselle. 2,140,830; Dec. 20.
- Cigarette case. H. J. Gaess. 2,138,916; Dec. 6.
- Cigarette case. H. G. Kittredge and F. W. Williams. 2,124,231; July 19.
- Cigarette case. G. Zint. 2,112,801; Mar. 29.
- Cigarette case, Sectional. H. Auslander. 2,105,517; Jan. 18.
- Cigarette catcher. G. W. Gwinn and J. W. Leary. 2,109,617; Mar. 1.
- Cigarette catcher. G. W. Gwinn and J. W. Leary. 2,118,508; May 24.
- Cigarette catcher. G. W. Gwinn and J. W. Leary. 2,124,397; July 19.
- Cigarette catcher, Rotary. G. W. Gwinn. 2,109,148; Feb. 22.
- Cigarette dispenser, Automatic. A. Randazzo. 2,112,657; Mar. 29.
- Cigarette dispensing device. J. A. Sigg. 2,117,370; May 17.
- Cigarette display and vending case. E. S. Wade. 2,118,994; May 31.
- Cigarette ejecting strip with a cigarette package, Shaping and associating a. B. J. Tamarin. 2,129,888; Sept. 13.
- Cigarette extinguisher. M. de la Torre. 2,123,719; July 12.
- Cigarette extinguisher. E. G. Johnson. 2,120,027; June 7.
- Cigarette extinguisher. D. F. Norton. 2,106,059; Jan. 18.
- Cigarette extinguisher, Pocket type. H. P. Hoffman. 2,134,826; Nov. 1.
- Cigarette forming device. H. R. Lytle. 2,125,351; Aug. 2.
- Cigarette holder. J. Lykos and O. H. Beaumont. 2,113,734; Apr. 12.
- Cigarette holder. J. Lykos and O. H. Beaumont. 2,120,705; June 14.
- Cigarette holder. I. Meohas. 2,116,706; May 10.
- Cigarette holder. J. Rich, Jr. 2,138,983; Dec. 6.
- Cigarette holder, Safety. E. S. Halsey. 2,123,466; July 12.
- Cigarette, Impregnated. R. T. Ubben. 2,137,706; Nov. 22.
- Cigarette lighting and dispensing device. F. C. Copeland. 2,108,376; Feb. 15.
- Cigarette making device. M. F. Hegrat. 2,133,698; Oct. 18.
- Cigarette making machine. D. W. Moline. Re. 20,876; Oct. 4.
- Cigarette making machine. F. F. Ruau. 2,139,100; Dec. 6.
- Cigarette, Match equipped. I. M. Stensvad. 2,122,498; July 5.
- Cigarette medication. G. P. Schmitt. 2,106,467; Jan. 25.
- Cigarette or cigar. A. D. Rawlings. 2,106,062; Jan. 18.
- Cigarette package. J. Keller. 2,107,826; Feb. 8.
- Cigarette package. J. H. MacMillen, Jr. 2,107,042; Feb. 1.
- Cigarette package. F. X. Malocsay. 2,129,701; Sept. 13.
- Cigarette package. B. McPherson. 2,117,342; May 17.
- Cigarette package. J. E. Shouse. 2,130,475; Sept. 20.
- Cigarette package. R. Townsend. 2,123,262; July 12.
- Cigarette package and blank or wrapper therefor. F. Le R. Francisco. 2,106,499; Jan. 25.
- Cigarette package and making the same. L. M. Larsen. 2,130,984; Sept. 20.



- Cigarette package and opener and ejector therefor, Combination. B. J. Tamarin. 2,129,887; Sept. 13.
- Cigarette ring. W. P. Aull. 2,109,609; Mar. 1.
- Cigarette roller. E. Hey. 2,128,248; Aug. 30.
- Cigarette rolling device. A. O. Weinman. 2,130,052; Sept. 13.
- Cigarette, Self-lighting. J. Biddle. 2,130,115; Sept. 13.
- Cigarette snuff-out holder. G. T. Brandt. 2,122,713; July 5.
- Cigarette stub holder. S. Anderson. 2,111,084; Mar. 15.
- Cigarette tipper. W. B. Bronander. 2,133,341; Oct. 18.
- Cigarette tobacco feed. J. W. Leary. 2,109,200; Feb. 22.
- Cigarette with lighter attachment. S. Weisman. 2,130,450; Sept. 20.
- Cigarettes and the like, Packing of. J. Crighton. 2,121,187; June 21.
- Cigarettes, Manufacture of. W. F. M. Edwards. 2,105,412; Jan. 11.
- Cigarettes, Manufacture of. D. W. Molins. 2,111,672; Mar. 22.
- Cigarettes, Tipping of. J. Shackleton. 2,130,700; Sept. 20.
- Cigarettes, Weighing or checking the weight of. F. Tahrir. 2,121,191; June 21.
- Cinematograph apparatus. G. B. Scheibell. 2,113,182; Apr. 5.
- Cinematographic apparatus. L. Goldhammer. 2,135,638; Nov. 8.
- Cinematography, Apparatus for stereoscopic. T. M. Harvey. 2,135,049; Nov. 1.
- Cinematography to produce stereoscopic solid effects, Method of. I. M. Terwilliger. 2,104,779; Jan. 11.
- Cinethedolite. E. Roux. 2,111,516; Mar. 15.
- Cinnamids. W. A. Lott. 2,139,687; Dec. 13.
- Ciphering machine. R. W. Doidge. 2,125,995; Aug. 9.
- Circuit: See—
- Amplifier circuit.
  - Antenna coupling circuit.
  - Bridge circuit.
  - Characteristic control circuit.
  - Condenser relaxation circuit.
  - Control circuit.
  - Coupling circuit.
  - Deflecting circuit.
  - Detector circuit.
  - Detector output circuit.
  - Electric circuit.
  - Electric control and indicating circuit.
  - Electric control circuit.
  - Electric phase controlling circuit.
  - Electric remote selector circuit.
  - Electric valve circuit.
  - Electrical control circuit.
  - Electron tube circuit.
  - Expansion circuit.
  - Frequency control circuit.
  - Gain control circuit.
  - Generator circuit.
  - Grid detector circuit.
  - Ignition circuit.
  - Indicator circuit.
  - Integration indicating circuit.
  - Modulation circuit.
  - Noise limiter circuit.
  - Noise limiting circuit.
  - Noise suppressor circuit.
  - Normalizing circuit.
  - Oscillator stabilizing circuit.
  - Oscillatory circuit.
  - Photoelectric cell oscillation circuit.
  - Power transfer circuit.
  - Protective circuit.
  - Radio circuit.
  - Railway track circuit.
  - Receiving circuit.
  - Rectifier circuit.
  - Relay circuit.
  - Signal converter circuit.
  - Signal receiver circuit.
  - Signal transmission control circuit.
  - Siren oscillator circuit.
  - Space discharge amplifier circuit.
  - Space discharge tube circuit.
  - Static elimination circuit.
  - Superheterodyne receiver circuit.
  - Supply circuit.
  - Telegraphic keying circuit.
  - Telephone control circuit.
  - Telephone instrument circuit.
  - Tone control circuit.
  - Track circuit.
  - Translating circuit.
  - Transmitter circuit.
  - Tube delay circuit.
  - Tuned circuit.
  - Tuned oscillator circuit.
  - Tuning indicator circuit.
  - Ultrashort wave circuit.
  - Vacuum tube circuit.
  - Valve circuit.
  - Valve translating circuit.
  - Variable reactance modulator circuit.
  - Volume control circuit.
- Circuit alternator, Electric. C. P. Sorensen. 2,129,747; Sept. 13.
- Circuit and relay therefor, Railway track. N. D. Preston. 2,135,528; Nov. 8.
- Circuit apparatus, Railway track. P. N. Martin. 2,104,591; Jan. 4.
- Circuit apparatus, Railway track. P. N. Martin. 2,110,304; Mar. 8.
- Circuit apparatus, Railway track. B. E. O'Hagan. 2,124,629; July 26.
- Circuit apparatus, Railway track. G. R. Pfisterer. 2,133,177; Oct. 11.
- Circuit arrangement, Electric. R. K. Potter. Re. 20,859; Sept. 13.
- Circuit arrangement for amplifying electric oscillations. M. J. O. Strutt. 2,111,702; Mar. 22.
- Circuit arrangement for carrier current telephone supply sources. K. P. Schwelmer. 2,136,639; Nov. 15.
- Circuit arrangement for contact pointer thermostats and like instruments, Electric. F. G. Bloch. 2,133,888; Oct. 18.
- Circuit arrangement for coupling electron tubes. K. Stelmel. 2,115,889; May 3.
- Circuit breaker. C. D. Ainsworth. 2,109,685; Mar. 1.
- Circuit breaker. W. M. Austin. 2,109,224; Feb. 22.
- Circuit breaker. H. J. Crabbs. 2,106,114; Jan. 18.
- Circuit breaker. S. Dettar. 2,104,190; Jan. 4.
- Circuit breaker. R. C. Dickinson and W. M. Leeds. 2,137,873; Nov. 22.
- Circuit breaker. L. W. Dyer. 2,109,211; Feb. 22.
- Circuit breaker. W. H. Frank. 2,131,800; Oct. 4.
- Circuit breaker. W. H. Frank and J. A. Messing. 2,124,413; July 19.
- Circuit breaker. H. S. Gano. 2,139,265; Dec. 6.
- Circuit breaker. J. D. Hilliard. 2,140,475; Dec. 13.
- Circuit breaker. J. G. Jackson. 2,107,246; Feb. 1.
- Circuit breaker. J. G. Jackson. 2,116,791; May 10.
- Circuit breaker. J. G. Jackson. 2,132,625-9; Oct. 11.
- Circuit breaker. J. G. Jackson and W. T. Allen. 2,132,623; Oct. 11.
- Circuit breaker. B. F. Jennings. 2,105,286; Jan. 11.
- Circuit breaker. F. Kesselring. 2,108,560; Feb. 15.
- Circuit breaker. K. Koch. 2,117,892; May 17.
- Circuit breaker. H. L. Lambert. 2,130,350; Sept. 20.
- Circuit breaker. W. M. Leeds and E. Ortensi. 2,138,382; Nov. 29.
- Circuit breaker. M. G. Leonard. 2,134,565; Oct. 25.
- Circuit breaker. H. G. MacDonald and S. H. Boden. 2,134,569; Oct. 25.
- Circuit breaker. J. B. MacNeill and A. W. Hill. 2,125,835; Aug. 2.
- Circuit breaker. G. C. Matthews. 2,118,355; May 24.
- Circuit breaker. K. R. Nisbet. 2,121,441; June 21.
- Circuit breaker. R. N. Rowe. 2,125,201; July 26.
- Circuit breaker. R. N. Rowe. 2,126,412; Aug. 9.
- Circuit breaker. E. O. Schweitzer. 2,138,284; Nov. 29.
- Circuit breaker. R. Temple, Jr. 2,104,914; Jan. 11.
- Circuit breaker. A. J. Thomson. 2,106,580; Jan. 25.
- Circuit breaker. R. C. Van Sickle. 2,138,391; Nov. 29.
- Circuit breaker. D. W. Ver Planck and J. W. Seaman. 2,133,158; Oct. 11.
- Circuit breaker. V. Weber. 2,135,864; Nov. 8.
- Circuit breaker. J. D. Wood. 2,129,723; Sept. 13.
- Circuit breaker. K. Wulsten. 2,134,593; Oct. 25.
- Circuit breaker and energy absorber therefor. G. A. Healls. 2,137,001; Nov. 15.
- Circuit breaker, Automatic. P. M. Christensen. 2,130,369; Sept. 20.
- Circuit breaker, Automatic. J. Sachs. 2,130,368; Sept. 20.
- Circuit breaker, Automatic. J. Sachs. 2,131,640; Sept. 27.
- Circuit breaker, Automatic reclosing. A. C. Schwager and P. Frehner. 2,125,465; Aug. 2.
- Circuit breaker control system. A. E. Anderson. 2,123,034; July 5.
- Circuit breaker control system. H. Bany and W. N. Gittings. 2,116,379; May 3.
- Circuit breaker, Electric. G. Balachowsky. 2,111,416; Mar. 15.
- Circuit breaker, Electric. H. W. Clothier. 2,120,731; June 14.
- Circuit breaker, Electric. G. Dewar. 2,134,549; Oct. 25.
- Circuit breaker, Electric. W. F. Grafton. 2,111,241; Mar. 15.
- Circuit breaker, Electric. B. H. Leeson and R. W. Wild. 2,106,531; Jan. 25.
- Circuit breaker, Electric. W. E. Paul. 2,134,572-3; Oct. 25.
- Circuit breaker, Electric. H. Thommen. 2,117,261; May 10.
- Circuit breaker, Electrical. O. K. Beckler. 2,121,243; June 21.
- Circuit breaker, Electromagnetic overload. W. Leyhausen. 2,105,604; Jan. 18.
- Circuit breaker, Enclosed. J. G. Jackson. 2,132,624; Oct. 11.
- Circuit-breaker for regulating the intensity and rectifying electric currents. P. Wangemann. 2,140,343; Dec. 13.
- Circuit breaker, Plug type. L. Schmidt. 2,111,943; Mar. 22.
- Circuit breaker system, Automatic reclosing. S. B. Crary. 2,128,802; Aug. 30.
- Circuit breaker system, Automatic reclosing. L. W. Dyer and G. D. Gamel. 2,130,840; Sept. 20.
- Circuit breaker system, Automatic reclosing. F. A. Hamilton, Jr., and E. H. Bancker. 2,128,816; Aug. 30.
- Circuit breaker system, Automatic reclosing. O. C. Traver. 2,115,596; Apr. 26.
- Circuit breaker tester. W. F. Skeats. 2,120,873; June 11.
- Circuit breaker, Vacuum. H. Vatter. 2,129,892; Sept. 13.
- Circuit breaker with overload release, Electric. M. Guett. 2,119,459; May 31.
- Circuit breaker with overload trip. D. W. Johnson. 2,134,613; Oct. 25.
- Circuit changing system. E. Michel. 2,136,859; Nov. 15.
- Circuit closer. S. J. Polta and H. V. Holz. 2,130,290; Sept. 13.
- Circuit closer for alarms. J. Demas. 2,132,248; June 28.
- Circuit closer, Liquid contact. G. Carlson. 2,116,383; May 3.
- Circuit control device. W. L. Smith. 2,112,710; Mar. 29.
- Circuit control device. C. J. Werner. 2,135,371; Nov. 1.
- Circuit control device, Electrical. E. Buchmann and E. Hobbie. 2,111,386; Mar. 15.
- Circuit control means. J. W. Buckel. 2,133,799; Oct. 18.



- Circuit control means, Electric. J. L. Stratton. 2,119,406; May 31.
- Circuit control mechanism, Electric. M. A. Johnson. 2,127,259; Aug. 16.
- Circuit control mechanism, Electric. C. G. Wirt. 2,132,253; Oct. 4.
- Circuit controller. L. L. Manley. 2,127,608; Aug. 23.
- Circuit controller for indicators. L. A. Hagler. 2,106,925; Feb. 1.
- Circuit controller for toy railroads. J. L. Bonanno. 2,129,258; Sept. 6.
- Circuit controller, Rail operated. F. H. Richterkessing. 2,128,164; Aug. 23.
- Circuit controlling apparatus, Electric. C. H. Lorenz. 2,137,919; Nov. 22.
- Circuit-controlling apparatus for electric irons. V. L. Shaw. 2,114,152; Apr. 12.
- Circuit controlling device. E. L. Barrett. 2,107,848; Feb. 8.
- Circuit controlling device. G. W. Bower. 2,109,987; Mar. 1.
- Circuit controlling device. C. W. Kuhn. 2,104,399; Jan. 4.
- Circuit controlling device. C. W. Kuhn. 2,115,078; Apr. 26.
- Circuit controlling device. G. H. Leland. 2,136,698-9; Nov. 15.
- Circuit controlling device. H. L. Mekelburg. 2,128,373; Aug. 30.
- Circuit controlling device. A. Stadler. 2,141,772; Dec. 27.
- Circuit controlling device. J. H. Wheelock. 2,117,047; May 10.
- Circuit controlling device. E. Zurcher. 2,117,869; May 17.
- Circuit controlling device. E. Zurcher. 2,125,095; July 26.
- Circuit controlling device, Electric. J. D. Noyes. 2,138,191; Nov. 29.
- Circuit controlling device, Thermal operated. O. S. Field. 2,109,169; Feb. 22.
- Circuit controlling means. B. W. Jones. 2,106,100; Jan. 18.
- Circuit controlling mechanism. J. Schmidinger. 2,133,309; Oct. 18.
- Circuit-controlling mechanism. C. F. Wallace. 2,118,687; May 24.
- Circuit for broaching machines, Control. M. Romaine and E. G. Roehm. 2,139,173; Dec. 6.
- Circuit for controlling signal transmission in two-way signaling systems. K. H. Davis. 2,117,708; May 17.
- Circuit for electric discharge devices. G. E. Inman. 2,114,842; Apr. 19.
- Circuit for electric discharge devices, Starting. E. Lemmers. 2,123,056; July 5.
- Circuit for hair waving machines, Electrical. G. Freudenberg and A. E. Reimers. 2,108,964; Feb. 22.
- Circuit for photosensitive devices, Polarizing and output. C. L. Farrand. 2,125,273; Aug. 2.
- Circuit for phototube control of grid-glow tubes. E. H. Vedder. 2,125,091; July 26.
- Circuit for railroads, Track. F. B. Hitchcock. 2,125,240; July 26.
- Circuit for railroads, Track. J. C. Mock. 2,134,982; Nov. 1.
- Circuit for railroads, Track. F. X. Rees. 2,123,964; July 19.
- Circuit for railroads, Track. W. H. Reichard. 2,135,530; Nov. 8.
- Circuit for railroads, Track. F. T. Warmington and L. Rupert. 2,134,962; Nov. 1.
- Circuit for railroads, Track. J. E. Willing. 2,135,548; Nov. 8.
- Circuit for railway signaling systems, Track. O. S. Field. 2,135,497; Nov. 8.
- Circuit for retarding field generators, Modulation. H. E. Hollmann. 2,123,727; July 12.
- Circuit for screen-grid tubes, Neutralizing. W. Buschbeck. 2,119,315; May 31.
- Circuit for static limitation, Radio. D. G. McCaa. 2,112,705; Mar. 29.
- Circuit for suppressing disturbance waves and upper harmonics. W. Buschbeck. 2,137,265; Nov. 22.
- Circuit for telephone systems, Monitoring. A. E. Bachelet and E. S. Gibson. 2,131,578; Sept. 27.
- Circuit grinding, Closed. A. J. Weinig. 2,104,709; Jan. 4.
- Circuit interrupter. H. J. Crabbs. 2,112,071; Mar. 22.
- Circuit interrupter. C. L. Denault. 2,106,316; Jan. 25.
- Circuit interrupter. H. C. Graves, Jr. 2,127,813; Aug. 23.
- Circuit interrupter. O. S. Jennings. 2,140,360; Dec. 13.
- Circuit interrupter. V. Kubik. 2,114,845; Apr. 19.
- Circuit interrupter. H. J. Lingal and R. C. Dickinson. 2,112,033; Mar. 22.
- Circuit interrupter. H. L. Rawlins. 2,108,550; Feb. 15.
- Circuit interrupter. J. Sandin. 2,130,904; Sept. 20.
- Circuit interrupter, Accelerated break. J. D. Hilliard. 2,138,323; Nov. 29.
- Circuit interrupter, Electric. J. Biermanns and O. Mayr. 2,140,378; Dec. 13.
- Circuit interrupter, Electric. O. Mayr. 2,110,672; Mar. 8.
- Circuit interrupter, Electric. F. Petermichl. 2,131,000; Sept. 20.
- Circuit interrupter, Electric. G. Zierahn. 2,110,690; Mar. 8.
- Circuit interrupter, Electrical. W. B. Whitney and E. B. Wedmore. 2,141,120; Dec. 20.
- Circuit interrupter, Resettable. M. Guett. 2,121,691; June 21.
- Circuit interrupting device, Electric. B. R. Hermann. 2,118,646; May 24.
- Circuit. Photoelectric cell. W. N. Goodwin, Jr. Re. 20,823; Aug. 9.
- Circuit protection, Electric. B. E. Getchell. 2,122,794; July 5.
- Circuit switch. T. G. Stiles. 2,124,379; July 19.
- Circuit switching device. R. R. Pittman and C. H. Walsh. 2,123,256; July 12.
- Circuit system, Coupled. A. W. Barber. 2,136,664; Nov. 15.
- Circuit tester for electronic tubes, Short. H. P. Manley. 2,140,297; Dec. 13.
- Circuit, Variable mechanical means for an oscillation. H. Muth. 2,104,569; Jan. 4.
- Circuit with gas-filled grid controlled glow discharge tubes. K. Schlesinger. 2,114,614; Apr. 19.
- Circuit without upper harmonics, Cascade amplifier. H. Wessels. 2,137,867; Nov. 22.
- Circuits: See—
- Gas tube circuits. Receiving tuning circuits.
- Circuits, Amplifier control. B. D. H. Tellegen. 2,104,682; Jan. 4.
- Circuits, Amplifying. B. J. Thompson. 2,122,851; July 5.
- Circuits, Apparatus for testing ignition. L. E. Wagner. 2,108,835; Feb. 22.
- Circuits, Automatic fidelity control. R. A. Braden. 2,113,395; Apr. 5.
- Circuits, Automatic frequency control. D. E. Foster. 2,020,974; June 21.
- Circuits, Automatic frequency control. D. E. Foster. 2,121,736; June 21.
- Circuits, Automatic frequency control. D. E. Foster. 2,128,642; Aug. 30.
- Circuits, Automatic noise suppression. W. V. Roberts. 2,129,029; Sept. 6.
- Circuits, Automatic receiver gain control. H. Pitsch. 2,115,871; May 3.
- Circuits, Automatic volume control. G. L. Beers. 2,120,999; June 21.
- Circuits, Automatic volume control. J. F. Dreyer, Jr. 2,107,409; Feb. 8.
- Circuits, Automatic volume control. D. E. Foster. 2,128,996; Sept. 6.
- Circuits, Cathode heating. J. D. Brailsford. 2,139,716; Dec. 13.
- Circuits, Control. B. G. Bjornson. 2,131,580; Sept. 27.
- Circuits, Coupled. A. W. Barber. 2,120,998; June 21.
- Circuits, Detector. P. H. Craig. 2,138,731; Nov. 29.
- Circuits, Electric discharge tube. S. Doba, Jr. 2,106,342; Jan. 25.
- Circuits, Electric phase shifting. E. Schröter. 2,141,937; Dec. 27.
- Circuits, Electric valve. E. F. W. Alexanderson. 2,104,633; Jan. 4.
- Circuits, Electric valve. B. D. Bedford. 2,104,690; Jan. 4.
- Circuits, Electric valve. F. R. Elder. 2,110,700; Mar. 8.
- Circuits, Electric valve. K. H. Kingdon. 2,130,429; Sept. 20.
- Circuits, Electric valve. C. G. Suits. 2,127,439; Aug. 16.
- Circuits, Electric valve. C. G. Suits. 2,137,148; Nov. 15.
- Circuits, Electric valve. C. H. Willis, B. D. Bedford, and F. R. Elder. 2,130,440; Sept. 20.
- Circuits, Electron discharge tube. J. H. O. Harries. 2,125,003; July 26.
- Circuits, Filter. R. U. Clark. 2,140,444; Dec. 13.
- Circuits for arc-back suppression. G. F. Metcalf. 2,125,799; Aug. 2.
- Circuits, Frequency control. C. Travis. 2,140,339; Dec. 13.
- Circuits, Frequency selective. C. W. Green. 2,117,843; May 17.
- Circuits, Frequency variation response. S. W. Seeley. 2,121,103; June 21.
- Circuits, Gain control. I. G. Wilson. 2,130,517; Sept. 20.
- Circuits, Gas discharge tube. L. K. Swart. 2,106,287; Jan. 25.
- Circuits, Gas-filled tube. L. K. Swart. 2,104,142; Jan. 4.
- Circuits, Gas-filled tube. L. K. Swart. 2,106,286; Jan. 25.
- Circuits, Gas tube. L. K. Swart. 2,108,219; Feb. 15.
- Circuits, Harmonic reduction. O. E. Keall. 2,115,858; May 3.
- Circuits, Loudspeaker. O. H. Schade. 2,134,059; Oct. 25.
- Circuits, Measuring. E. R. Morton. 2,112,541; Mar. 29.
- Circuits, Method of and arrangement for stepwise tuning of electric. F. Schwarzer. 2,122,183; June 28.
- Circuits, Piezoelectric crystal controlled oscillator. H. Tunick. 2,106,821; Feb. 1.
- Circuits, Power supply. R. Lee. 2,134,522; Oct. 25.
- Circuits, Radio. L. L. Jones and J. Yolles. 2,130,824; Sept. 20.
- Circuits, Radio receiving. K. W. Jarvis. 2,122,775; July 5.
- Circuits, Receiver tuning. C. J. van Loon. 2,108,154; Feb. 15.
- Circuits, Receiver tuning indication. K. Steimel. 2,114,154; Apr. 12.



- Circuits, Recorder and control. A. J. Williams, Jr. 2,113,164; Apr. 5.
- Circuits, Signal control. B. G. Björnson. 2,116,558; May 10.
- Circuits, Signal selector. G. Mountjoy. 2,137,475; Nov. 22.
- Circuits, Temperature-independent oscillatory. H. Muth and W. Runge. 2,134,794; Nov. 1.
- Circuits, Testing line. F. G. Halden and R. S. Wishart. 2,127,216; Aug. 16.
- Circuits, Testing of electric. H. Trencham and K. J. R. Wilkinson. 2,140,395; Dec. 13.
- Circuits, Thermionic valve. R. I. Kinross and W. J. Brown. 2,128,649; Aug. 30.
- Circuits, Tuning indicator. H. M. Wagner. 2,122,267; June 28.
- Circuits, Vacuum tube. D. K. Gannett. 2,104,861; Jan. 11.
- Circuits, Variable tuned. A. B. Crawford. 2,116,996; May 10.
- Circular chaser die, Positive acting. A. E. Drissner. 2,130,119; Sept. 13.
- Circular loom. J. Balsach. 2,141,679; Dec. 27.
- Circular loom. W. A. Dickie and F. C. Hale. 2,108,108; Feb. 15.
- Circular loom. F. C. Hale. 2,108,120; Feb. 15.
- Circular loom. F. C. Hale and R. Yeadon. 2,107,531; Feb. 8.
- Circular loom. F. C. Hale and J. R. Yorke. 2,108,121; Feb. 15.
- Circular loom. F. C. Hale and J. R. Yorke. 2,118,844; May 31.
- Circulating heater. G. D. Matthews. 2,106,642; Jan. 25.
- Circulating heater. B. W. Tullis. 2,128,171; Aug. 23.
- Circulation in refrigerators, Method and apparatus for controlling. R. S. Ahrens. 2,112,205; Mar. 22.
- Circulation system. A. E. Stacey, Jr. 2,109,512; Mar. 1.
- Circulator. H. A. Thrush. 2,111,441; Mar. 15.
- Cis-androsterone, Production of. R. E. Marker. 2,121,483; June 21.
- Cistern for water closets and the like, Discharge. C. A. F. Kelly. 2,123,782; July 12.
- Clamp: See—
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|--------------------------|-----------------------------|
| Battery clamp.           | Meat platter clamp.         |
| Battery post clamp.      | Muffler clamp.              |
| Battery terminal clamp.  | Overhead wire clamp.        |
| Brake lining clamp.      | Partition securing clamp.   |
| Bus clamp.               | Pipe clamp.                 |
| Cable clamp.             | Plate clamp.                |
| Chart clamp.             | Printer's clamp.            |
| Collar clamp.            | Printing press clamp.       |
| Conductor clamp.         | Quick acting clamp.         |
| Conveyer or cable clamp. | Rail clamp.                 |
| Davenport clamp.         | Roller skate clamp.         |
| Drawer clamp.            | Saw clamp.                  |
| Electrode clamp.         | Shoe heeling clamp.         |
| Expandable clamp.        | Skate clamp.                |
| Form clamp.              | Ski clamp.                  |
| Funis clamp.             | Strain or suspension clamp. |
| Ground clamp.            | Swing suspending clamp.     |
| Hair clamp.              | Tail clamp.                 |
| Hair curling clamp.      | Tap clamp.                  |
| Hair waving clamp.       | Tie clamp.                  |
| Hat block clamp.         | Wall form clamp.            |
| Holster clamp.           | Welding clamp.              |
| Hose clamp.              | Wire or cable clamp.        |
| Line clamp.              | Work clamp.                 |
- Loom sword bearing clamp.
- Clamp. S. R. Butler. 2,126,308; Aug. 9.
- Clamp. C. W. Card. 2,105,345; Jan. 11.
- Clamp. D. Hoppenstand. 2,114,903; Apr. 19.
- Clamp. J. Kriss. 2,114,227; Apr. 12.
- Clamp. A. F. Krumholz. 2,121,085; June 21.
- Clamp. E. B. Morgan. 2,122,868; July 5.
- Clamp. A. Norris. 2,136,861; Nov. 15.
- Clamp. G. Solomon. 2,121,576; June 21.
- Clamp. R. J. Teetor. 2,108,151; Feb. 15.
- Clamp and scaffold for welding operations. A. J. Mendive. 2,104,622; Jan. 4.
- Clamp and stand, Snubbing. H. A. Wood. 2,130,170; Sept. 13.
- Clamp bracket. P. H. Meyer. 2,141,008; Dec. 20.
- Clamp device. I. J. McNamara. 2,141,818; Dec. 27.
- Clamp device. F. C. Schnabel. 2,130,035; Sept. 13.
- Clamp for concrete form structures. W. A. Jennings. 2,127,562; Aug. 23.
- Clamp for dresser couplings, Repair. J. F. Goddard. 2,127,627; Aug. 23.
- Clamp for electric arc furnace electrodes. W. H. Payne. 2,133,305; Oct. 18.
- Clamp for laundry presses, Neck band. S. Marvin. 2,141,480; Dec. 27.
- Clamp for meeting ends of rails, Rail. V. C. Armstrong. 2,119,147; May 31.
- Clamp, Making a forged. C. S. Card. 2,111,505; Mar. 15.
- Clamping device. O. B. Clark. 2,134,858; Nov. 1.
- Clamping device. B. O. Cone. 2,120,018; June 7.
- Clamping device. J. L. Keller. 2,140,632; Dec. 20.
- Clamping device. F. M. Slater. 2,140,654; Dec. 20.
- Clamping device. F. Sutherland. 2,120,686; June 14.
- Clamping means for concrete forms, Adjustable. J. W. Swank. 2,112,868; Apr. 5.
- Clamping means for folders. E. Nitz and J. Hagemann, geb. Jungmann. 2,135,013; Nov. 1.
- Clamping means for mirrors for motor vehicles. A. W. Rosen. 2,109,142; Feb. 22.
- Clamping means for washing machines. M. M. Jackson. 2,114,980; Apr. 19.
- Clamping pin device for smoothing and tightening fabrics for cutting goods for clothing. A. Prati. 2,128,758; Aug. 30.
- Clamping ring. J. R. Proctor. 2,125,808; Aug. 2.
- Clarification plant. M. Prüss. Re. 20,761; June 14.
- Clarifier. C. H. Coberly. 2,110,462; Mar. 8.
- Clarifier. J. J. Stoeckly. 2,120,515; June 14.
- Clasp. J. B. Freysinger. 2,115,362; Apr. 26.
- Clasp. D. M. Goodrich. 2,121,147; June 21.
- Clasp. G. S. Hawie. 2,141,983; Dec. 27.
- Clasp, Bracelet. P. Manickas. 2,137,920; Nov. 22.
- Clasp, Bracelet cord. E. Prestinari. 2,131,454; Sept. 27.
- Clasp brake. W. H. Baselt. 2,114,952-3; Apr. 19.
- Clasp brake. W. H. Baselt. 2,118,753; May 24.
- Clasp brake. W. H. Baselt. 2,135,438; Nov. 1.
- Clasp, Collar. R. K. Boog. 2,126,866; Aug. 16.
- Clasp, Collar. A. B. Moser. 2,136,802; Nov. 15.
- Clasp construction. E. Prestinari. 2,141,251; Dec. 27.
- Clasp device. S. Tuchband. 2,109,759; Mar. 1.
- Clasp, Extensible bracelet. J. Dalò. 2,129,518; Sept. 6.
- Clasp fastener for boots and other articles, Dust, gas, and waterproof sliding. A. F. Mulka. 2,124,206; July 19.
- Clasp for garment supporters. J. R. Parker. 2,112,345; Mar. 29.
- Clasp for garment supporters. J. R. Parker. 2,127,666; Aug. 23.
- Clasp for garment supporters and the like. M. Brown. 2,134,224; Oct. 25.
- Clasp for goggles. C. Fischer. 2,126,379; Aug. 9.
- Clasp for spectacle cases. O. A. Roth. 2,111,994; Mar. 22.
- Clasp for wrist watch bracelets and the like, Self-adjusting. C. H. Kestenman. 2,126,263; Aug. 9.
- Clasp, Garment. M. Hansen. 2,122,138; June 28.
- Clasp, Garment. H. P. Keefer. 2,132,075; Oct. 4.
- Clasp, Garment. M. A. Pallas. 2,118,475; May 24.
- Clasp, Garment. L. Stark. 2,104,955; Jan. 11.
- Clasp, Garment. R. B. Young. 2,138,673; Nov. 29.
- Clasp, Insignia holding bracelet. C. H. Kestenman. 2,108,892; Feb. 22.
- Clasp or connector for bracelets. S. A. Johnson. 2,115,954; May 3.
- Clasp, Surgical. G. Gossrau. 2,123,890; July 19.
- Classification. A. C. Munro. 2,106,156; Jan. 25.
- Classification. J. S. Pellett. 2,105,126; Jan. 11.
- Classification. A. J. Weing. 2,111,082; Mar. 15.
- Classifier. H. B. Coulter. 2,106,549; Jan. 25.
- Classifier. H. Harding. 2,136,686; Nov. 15.
- Classifier. H. E. T. Haultain. 2,104,926; Jan. 11.
- Classifier. D. M. Wright. 2,140,180; Dec. 13.
- Classifier. C. E. Wuensch. 2,125,663; Aug. 2.
- Classifier for dry impalpable fines. P. Gerhardt. 2,113,885; Apr. 12.
- Classifier, Pneumatic. R. K. Rourke. 2,125,086; July 26.
- Classifying apparatus. J. E. Graf and J. K. Lamoree. 2,127,511; Aug. 23.
- Classifying apparatus for postal matter. A. J. Knight and H. W. Cadman. 2,119,919; June 7.
- Claw and registration pin mechanism. A. Kindelmann, J. Pearlman, and W. Ostrander. 2,129,093; Sept. 6.
- Claw, Teat cup. J. A. Schmitt. 2,136,956; Nov. 15.
- Clay and the like, Revivification of. S. W. Ferris and H. C. Cowles, Jr. 2,128,931; Sept. 6.
- Clay materials, Treating raw. H. C. Rafetto. 2,128,848; Aug. 30.
- Clays, Treating oil-decolorizing. H. L. Kauffman. 2,118,310; May 24.
- Cleaner: See—
- |                             |                             |
|-----------------------------|-----------------------------|
| Air cleaner.                | Pneumatic cleaner.          |
| Beer coil cleaner.          | Pool cleaner.               |
| Boiler cleaner.             | Rake tooth cleaner.         |
| Cotton cleaner.             | Rug cleaner.                |
| Drain cleaner.              | Sewer cleaner.              |
| Drainage channel cleaner.   | Soil cleaner.               |
| Filter bed cleaner.         | Suction cleaner.            |
| Flue cleaner.               | Thermostatic valve cleaner. |
| Gas cleaner.                | Thread cleaner.             |
| Grain cleaner.              | Tube cleaner.               |
| Key and curb box cleaner.   | Vacuum cleaner.             |
| Knife blade cleaner.        | Well cleaner.               |
| Map cleaner.                | Window cleaner.             |
| Paraffin cleaner.           | Windshield cleaner.         |
| Pipe cleaner.               |                             |
| Piston ring groove cleaner. |                             |
- Cleaner and post hole digger, Culvert. W. Minter. 2,132,795; Oct. 11.
- Cleaner and silencer assembly. Air. H. G. Kamrath. 2,126,413; Aug. 9.
- Cleaner arm attachment, Windshield. T. J. Seefeld and A. H. Winchell. 2,136,909; Nov. 15.
- Cleaner attachment for silk throwing machines. F. H. Schrey. 2,109,553; Mar. 1.
- Cleaner attachment, Vacuum. P. and S. Gasser. 2,122,568; July 5.
- Cleaner carriage, Vacuum. R. H. Jordan. 2,139,503; Dec. 6.
- Cleaner control mechanism, Windshield. E. C. Horton. 2,128,878; Aug. 30.
- Cleaner for buses, Windshield. E. C. Horton. 2,142,497; Mar. 22.



- Cleaner for coffee and other grains. J. B. Morgan. 2,132,961; Oct. 11.
- Cleaner for threshing machines, Grain. J. Hosinski. 2,106,746; Feb. 1.
- Cleaner support, Vacuum. B. A. Baxter. 2,122,632; July 5.
- Cleaner with headlight, Vacuum. B. P. Smith. 2,132,007; Oct. 4.
- Cleaning and extracting machine. A. Hjelm. 2,138,858; Dec. 6.
- Cleaning and polishing block. J. J. Kennedy. 2,108,405; Feb. 15.
- Cleaning and sterilizing device. L. V. Swift. 2,121,307; June 21.
- Cleaning apparatus for textile machinery. E. J. Eaddy. 2,120,888; June 14.
- Cleaning by abrasive action, Method and apparatus for. J. D. Alexander. 2,135,550; Nov. 8.
- Cleaning composition. E. P. MacDonald and N. W. Stenglein. 2,117,438; May 17.
- Cleaning composition. E. D. Wilson. 2,125,411; Aug. 2.
- Cleaning composition and method. W. Hentrich and W. Reuss. 2,132,511; Oct. 11.
- Cleaning composition and method. C. Winning and J. B. Holtzclaw. 2,135,066; Nov. 1.
- Cleaning device. J. E. Allen. 2,137,300; Nov. 22.
- Cleaning device. J. W. Anderson. 2,109,606; Mar. 1.
- Cleaning device. A. P. Grasser. 2,116,392; May 3.
- Cleaning device. A. S. Long. 2,113,452; Apr. 5.
- Cleaning device for burner tips. J. J. Stoner. 2,126,838; Aug. 16.
- Cleaning device for regenerators. H. C. Baughman. 2,119,310; May 31.
- Cleaning device, Windshield. E. J. Eaddy. 2,126,624; Aug. 9.
- Cleaning liquid and making same, Dry. R. H. Price. 2,111,571; Mar. 22.
- Cleaning machine, Dry. C. K. Woodin. 2,107,227; Feb. 1.
- Cleaning process, Dry. A. A. Levine. 2,116,437; May 3.
- Cleaning, Process of. P. M. Paulson and I. D. Chambers. 2,123,434; July 12.
- Cleaning process, Office equipment. M. J. Marran. 2,121,361; June 21.
- Cleaning tool. H. L. Rogers. 2,136,595; Nov. 15.
- Clean-out and sample tool, Combination. G. A. Humason. 2,109,197; Feb. 22.
- Cleanser device. R. B. Kingman. 2,107,636; Feb. 8.
- Cleansing and lubrication. J. M. Cohen. 2,134,602; Oct. 25.
- Cleansing article. G. W. Brooks. 2,125,099; July 26.
- Cleansing device for rock drills. E. F. Terry. 2,125,133; July 26.
- Cleansing means for metal and metal alloys. W. Claus. 2,131,549; Sept. 1.
- Cleat. A. A. McDonald. 2,136,014; Nov. 8.
- Cleat, Adjustable carton. A. L. Poe. 2,106,654; Jan. 25.
- Cleat for skis, Traction. R. S. Hikel. 2,122,718; July 5.
- Cleat for vehicle wheels. J. H. Schlenker. 2,118,269; May 24.
- Cleat or grouser, Folding. W. S. Taylor. 2,141,421; Dec. 27.
- Cleating or anchoring system for multiple electric wires or pipes. G. Peilin. 2,110,528; Mar. 8.
- Cleaver. M. T. J. Garlinger. 2,135,973; Nov. 8.
- Cleaves and the like, Manufacturing of. A. M. Smith. 2,120,118; June 7.
- Climbing device for skis. A. Binder. 2,107,363; Feb. 8.
- Clinch-nut. P. E. Double. 2,110,039; Mar. 1.
- Clinch-nut and making. P. E. Double. 2,112,594; Mar. 29.
- Clinical-surgical-robe. A. F. De Lasarte. 2,124,366; July 19.
- Clinker cooling. A. E. Douglass. 2,137,158; Nov. 15.
- Clinker disposal device. C. S. Franke. 2,116,017; May 3.
- Clinker loosening means for coal stokers. P. Christiansen, Jr. 2,123,462; July 12.
- Clinometer. J. C. Karnes. 2,129,695; Sept. 13.
- Clinometer device. A. G. H. Straatman. 2,109,853; Mar. 1.
- Clip: See—
- Acoustical tile clip. Molding retainer clip.
  - Attaching clip. Pencil and pen clip.
  - Bandage binder clip. Rack clip.
  - Builder's clip. Shoulder strap clip.
  - Cartridge clip. Spring clip.
  - Curling clip. Supporting clip.
  - Drapery clip. Surgeon's towel clip.
  - Form clip. Suspender clip.
  - Gear centering clip. Tie plate and rail clip.
  - Hair clip. Tie plate and rail retain-
  - Holding clip. ing clip.
  - Index clip. Tubing clip.
  - Paper clip. Wave clip.
- Clip. W. W. Brock. 2,108,473; Feb. 15.
- Clip. A. C. Fearing. 2,109,213; Feb. 22.
- Clip. W. Gency. 2,115,363; Apr. 26.
- Clip. W. E. White. 2,135,686; Nov. 8.
- Clip. W. R. Wiley. 2,133,837; Oct. 18.
- Clip and brooch, Combination. A. Bayardi. 2,118,639; May 24.
- Clip and brooch structure, Combination. O. Pennino. 2,119,178; May 31.
- Clip and channel. L. F. Urbain and F. W. Cherry. 2,129,976; Sept. 13.
- Clip brooch. J. Hirsch. 2,140,262; Dec. 13.
- Clipper, Electric hair. R. R. Gonsett. 2,132,025; Oct. 4.
- Clip fastener. H. G. Lombard. 2,115,312; Apr. 26.
- Clip for meats and the like. H. Weil. 2,127,623; Aug. 23.
- Clip for securing corrugated roof or siding sheets. H. T. Richardson. 2,108,612; Feb. 15.
- Clip for securing together the covers and ribs of umbrellas. J. A. Maxwell, Jr. 2,125,078; July 26.
- Clip for the adjustable attachment of partitions in show-cases and the like. A. Stober. 2,108,950; Feb. 22.
- Clip for wallboards. H. H. Burson. 2,110,198; Mar. 8.
- Clip forming apparatus. J. H. Martin. 2,113,030; Apr. 5.
- Clip or clasp, Trouser. J. C. Bishop. 2,107,516; Feb. 8.
- Clipper. A. Frace and H. Van Bree. 2,107,750; Feb. 8.
- Clipper for birds and dogs, Claw. E. Scharnewski. 2,112,790; Mar. 29.
- Clipper, Grass. D. T. O'Sullivan. 2,109,623; Mar. 1.
- Clipper, Hair. R. Knapp. 2,111,861; Mar. 22.
- Clipper, Hair. L. C. Nicholl. 2,105,223; Jan. 11.
- Clippers, Duplex. G. Kotzin. 2,125,575; Aug. 2.
- Clock. H. McCurdy. 2,126,906; Aug. 16.
- Clock, Alarm. J. J. Drabin. 2,104,611; Jan. 4.
- Clock, Alarm. H. Junghans. 2,118,203; May 24.
- Clock, Alarm. A. J. Macdonald. 2,116,247; May 3.
- Clock, Alarm Illuminator. H. S. Swanson. 2,133,908; Oct. 18.
- Clock and thermostatic dial for same, Electric time. W. Sambur and A. Nissenfeld. 2,129,878; Sept. 13.
- Clock attachment, Electric. H. W. Hyde. 2,105,599; Jan. 18.
- Clock, Automobile. M. Schlenker. 2,140,925; Dec. 20.
- Clock, Calendar. O. Becker. 2,123,091; July 5.
- Clock, Calendar. W. W. Hunston. 2,126,469; Aug. 9.
- Clock device, Electrical. M. Môme. 2,105,050; Jan. 11.
- Clock device, Foldable. H. Lathrop. 2,125,294; Aug. 2.
- Clock, Electric. F. R. Borgfeldt. 2,117,873; May 17.
- Clock, Electric. F. R. Borgfeldt. 2,133,052; Oct. 11.
- Clock, Electric. E. P. Oswald. 2,114,501; Apr. 19.
- Clock, Electric. E. T. Turney. 2,141,495; Dec. 27.
- Clock, Electric. I. Warshawsky. 2,127,635; Aug. 23.
- Clock, Electric. R. H. Wilmeth. 2,124,019; July 19.
- Clock, Electrically driven master. F. Schneider. 2,117,508; May 17.
- Clock mechanism, Electric. I. Trepanier. 2,108,931; Feb. 22.
- Clock, Radio. W. V. Roberts. 2,118,109; May 24.
- Clock, Rotating dial numeral. E. Bourquin. 2,130,873; Sept. 20.
- Clock, Secondary. B. Chapman. 2,131,915; Oct. 4.
- Clock, Space time. S. F. and K. O. Snyser. 2,128,970; Sept. 6.
- Clock, Synchronizing. E. A. Faller. 2,120,353; June 14.
- Clock system. L. S. Harrison. 2,110,861; Mar. 15.
- Clock system, Synchronous. J. W. Bryce. 2,135,935; Nov. 8.
- Clock, Talking. A. W. Koski. 2,109,962; Mar. 1.
- Clock, Talking. R. A. Schaefer. 2,114,239; Apr. 12.
- Clock, Warper. B. Marcellus. 2,136,884; Nov. 15.
- Clocks, Attachment for. E. H. Schuttenberg. 2,132,051; Oct. 4.
- Clockwork movement. J. Hubert. 2,125,638; Aug. 2.
- Clockwork system. J. Delviniotti. 2,108,010; Feb. 8.
- Cloisonné and making the same, Imitation. M. Zerilli. 2,128,390; Aug. 30.
- Closable container. O. Kasdorf. 2,126,116; Aug. 9.
- Closer for the lips of a corpse. R. R. Divil. 2,120,143; June 7.
- Closet bowl step attachment. G. B. Bentz. 2,120,481; June 14.
- Closet for boats, Water. E. Hoerichs. 2,130,954; Sept. 20.
- Closing and locking device for overhead garage doors. W. E. Bagley. 2,124,970; July 26.
- Closing device for collapsible tubes. P. A. Neumann. 2,139,171; Dec. 6.
- Closing device for vessels containing matter under pressure especially fire extinguishers. J. M. F. Bouillon. 2,130,763; Sept. 20.
- Closing means, especially for collapsible tubes, Making. P. Franz. 2,134,119; Oct. 25.
- Closure. L. R. N. Carvalho. 2,138,371; Nov. 29.
- Closure. T. R. Gilliland. 2,107,244; Feb. 1.
- Closure. R. F. Goecke. 2,137,483; Nov. 22.
- Closure. H. T. Griswold. 2,138,376; Nov. 29.
- Closure. M. Laitman. 2,106,459; Jan. 25.
- Closure. A. J. Lentine. 2,128,752; Aug. 30.
- Closure. G. Lesti. 2,115,424; Apr. 26.
- Closure. H. A. Strelow. 2,108,238; Feb. 15.
- Closure. P. M. Thorn. 2,131,079; Sept. 27.
- Closure. B. von Bültzingslöwen. 2,112,125; Mar. 22.
- Closure and applying same, Article. D. F. Evans. 2,141,744; Dec. 27.
- Closure and applying the same. L. E. Beitler. 2,119,901; June 7.
- Closure and cap for jars, bottles, and the like, Metal. S. Freeman. 2,132,944; Oct. 11.
- Closure and dispensing device, Receptacle. F. G. Adams. 2,114,583; Apr. 19.
- Closure and facing material therefor, Container. F. J. Gavin. 2,138,419; Nov. 29.
- Closure and lining material therefor, Container. A. H. Warth. 2,138,439; Nov. 29.
- Closure and making closures. W. F. Kaufman. 2,133,298; Oct. 18.



- Closure and making the same, Collapsible tube. J. Hansen. 2,129,687; Sept. 13.
- Closure and manufacturing the same, Container. W. I. McGowan and A. J. Puschin. 2,114,308; Apr. 19.
- Closure and producing the same, Receptacle. A. L. Merolle. 2,120,646; June 14.
- Closure and weather stripping therefor. C. P. Schlegel. 2,108,450; Feb. 15.
- Closure applying machine. D. W. Tiano. 2,106,365; Jan. 25.
- Closure, Bag. B. C. Betner. 2,108,741; Feb. 15.
- Closure, Bottle. M. Sierad. 2,107,167; Feb. 1.
- Closure cap. J. C. Gibbs. 2,107,179; Feb. 1.
- Closure cap applying apparatus. W. P. White. 2,132,335; Oct. 4.
- Closure cap, Locking. F. E. Schneider. 2,125,819; Aug. 2.
- Closure construction for washing machines. G. W. Johnson. 2,105,248; Jan. 11.
- Closure, Container. J. Belmont. 2,117,075; May 10.
- Closure, Container. E. M. Enkur and R. E. Greenholtz. 2,105,031; Jan. 11.
- Closure, Container top. E. W. Skinner, I. L. Wilcox, and R. F. Huntley. 2,110,612; Mar. 8.
- Closure control. G. W. Gardiner. 2,133,614; Oct. 18.
- Closure control system, Electrical. E. D. Lilja. 2,118,930; May 31.
- Closure controlling device. B. F. Stannard. 2,118,950; May 31.
- Closure cushioning and sealing means. J. S. Reid. 2,132,272; Oct. 4.
- Closure device. E. W. Clark. 2,124,763; July 26.
- Closure device. F. Schimpf. 2,127,785; Aug. 23.
- Closure device for tubes and other containers. K. Ruetz. 2,111,482; Mar. 15.
- Closure, Dispenser. J. R. Ring. 2,117,071; May 10.
- Closure, Dispensing. J. E. Masbach and A. F. Driscoll. 2,123,905; July 19.
- Closure-equipped structure. W. E. Geddes. 2,112,668; Mar. 29.
- Closure, Expandible mesh. N. L. Cornell and E. G. Gerber. 2,136,042; Nov. 8.
- Closure fastener. T. I. Moseley. 2,120,111; June 7.
- Closure fastener. T. I. Moseley. 2,138,933; Dec. 6.
- Closure for barrels and the like. G. Schlesinger. 2,121,511; June 21.
- Closure for bearings, Diaphragm. A. H. Goldsworthy. 2,124,526; July 26.
- Closure for bottles and other containers, Nonrefillable. G. Jackson and J. F. Maher. 2,115,721; May 3.
- Closure for bottles, collapsible tubes, and like containers. J. Rest. 2,127,489; Aug. 16.
- Closure for bottles, Indicating. I. L. Mermer. 2,104,236; Jan. 4.
- Closure for bottles, jars, and like containers. C. W. Johnson. 2,125,788; Aug. 2.
- Closure for bottles, Non-refillable. E. T. Orcutt. 2,118,819; May 31.
- Closure for canisters, boxes, cans, jars, and the like containers. T. W. Phillips. 2,130,651; Sept. 20.
- Closure for collapsible tubes. M. Baker. 2,138,992; Dec. 6.
- Closure for collapsible tubes. F. Coleman, Jr. 2,138,956; Dec. 6.
- Closure for collapsible tubes. C. El. Denbow and B. L. Rees. 2,123,694; July 12.
- Closure for collapsible tubes. J. J. Glauber. 2,135,178; Nov. 1.
- Closure for collapsible tubes. D. C. Maddux. 2,130,284; Sept. 13.
- Closure for collapsible tubes. C. Romati and L. Lanzetti. 2,129,873; Sept. 13.
- Closure for collapsible tubes. F. Winkler. 2,107,355; Feb. 8.
- Closure for collapsible tubes and containers. F. McLaughlin. 2,109,397; Feb. 22.
- Closure for containers. B. F. Cahoon. 2,104,413; Jan. 4.
- Closure for containers. L. T. Crabbe. 2,135,386; Nov. 1.
- Closure for containers. W. A. Flower. 2,120,491; June 14.
- Closure for containers. W. J. Geist. 2,139,116; Dec. 6.
- Closure for containers. J. C. Hoffman. 2,104,540; Jan. 4.
- Closure for containers. H. P. and W. S. Lewis. 2,135,237; Nov. 1.
- Closure for containers. G. A. Moore. 2,120,903; June 14.
- Closure for containers. J. A. Olesen. 2,107,256; Feb. 1.
- Closure for containers. H. B. Savage. 2,134,893; Nov. 1.
- Closure for containers. T. L. Yarker. 2,129,250; Sept. 6.
- Closure for containers. J. Vriel. 2,114,482; Apr. 19.
- Closure for containers. R. W. Wilson. 2,112,548; Mar. 20.
- Closure for containers. R. W. Wilson. 2,123,643; July 12.
- Closure for containers, Adjustable double. J. W. McNeil. 2,104,806; Jan. 11.
- Closure for containers, Dispensing. W. R. Stevens. 2,130,975; Sept. 20.
- Closure for containers of liquid or semiliquid substances. J. M. Crook. 2,107,106; Feb. 1.
- Closure for cotton gin roll boxes. J. Blewett. 2,110,823; May 10.
- Closure for fiber containers. R. D. Heymann. 2,104,344; Jan. 4.
- Closure for jars and the like. G. J. Overmyer. 2,135,834; Nov. 8.
- Closure for liquid containers. F. J. T. Barnes. 2,110,643; Mar. 8.
- Closure for nursing bottles and the like. J. Little. 2,109,374; Feb. 22.
- Closure for packing containers. K. W. Mauser. 2,116,841; May 10.
- Closure for petrol tanks, Hinged. F. E. Krauss. 2,113,484; Apr. 5.
- Closure for pressure cookers. P. W. Stephens. 2,133,060; Oct. 11.
- Closure for pressure vessels. G. Ericsson and J. L. Cox. 2,133,934; Oct. 18.
- Closure for receptacles. C. S. Baron. 2,110,058; Mar. 1.
- Closure for receptacles. C. S. Baron. 2,136,123; Nov. 8.
- Closure for receptacles. G. H. Kaemmerling. 2,140,456; Dec. 13.
- Closure for receptacles. P. M. Thorn. 2,106,364; Jan. 25.
- Closure for receptacles. P. M. Thorn. 2,121,554; June 21.
- Closure for receptacles. P. M. Thorn. 2,131,078; Sept. 27.
- Closure for sealing bottles and like receptacles. F. Casablanca. 2,132,775; Oct. 11.
- Closure for tank apertures. E. M. O'Donnell. 2,134,314; Oct. 25.
- Closure for tank trucks, Safety. C. L. Hill. 2,121,596; June 21.
- Closure for tubes and the like. K. D. Helmsch and O. Brassart. 2,106,028; Jan. 18.
- Closure for tubes, bottles, and the like, Quick-acting. S. C. Endicott. 2,134,968; Nov. 1.
- Closure for tubes or containers. D. Henderson. 2,105,118; Jan. 11.
- Closure frame. O. J. Crowe. 2,119,667; June 7.
- Closure, Gasket. A. E. Jesser. 2,117,807; May 17.
- Closure, Glass block. H. I. Fogelberg. 2,129,921; Sept. 13.
- Closure, Jar. H. V. Williams. 2,116,421; May 3.
- Closure lining machine, Container. W. I. McGowan and A. J. Puschin. 2,114,309; Apr. 19.
- Closure, Locking. C. H. Nehls. 2,135,351; Nov. 1.
- Closure means, Dispensing. J. Berry and I. D. Wolfson. 2,126,087; Aug. 9.
- Closure means for cans and the like containers. A. Forsyth. 2,107,437; Feb. 8.
- Closure means, Gasoline tank. O. C. Ritz-Woller. 2,133,520; Oct. 18.
- Closure, Nonrefillable. J. P. Burke. 2,140,732; Dec. 20.
- Closure, Nonrefillable bottle. C. T. Alexander. 2,138,466; Nov. 29.
- Closure, Nonrefillable bottle. M. W. Sherwood. 2,137,030; Nov. 15.
- Closure, Non-refillable bottle. T. J. Taheny. 2,133,758; Oct. 18.
- Closure of glassware forming mold, Bottom. G. E. Howard. 2,118,793; May 24.
- Closure of ink bottles. R. Namiki. 2,132,313; Oct. 4.
- Closure-operating device. E. H. McCloud. 2,110,231; Mar. 8.
- Closure operating device. J. Slatinsky. 2,104,498; Jan. 4.
- Closure operating mechanism. E. L. Dunn. 2,121,906; June 28.
- Closure operating mechanism for waste cans. M. Kamenstein. 2,106,892; Feb. 1.
- Closure operator. J. L. Carrillo. 2,109,128; Feb. 22.
- Closure operator. F. A. Purdy. 2,127,376; Aug. 16.
- Closure operator and lock. R. W. Collison. 2,113,573; Apr. 12.
- Closure plate, Instrument. A. E. Krogh. 2,117,615; May 17.
- Closure, Receptacle. G. F. Jonitz. 2,132,115; Oct. 4.
- Closure, Receptacle. A. L. Merolle. 2,137,695; Nov. 22.
- Closure, Receptacle. C. G. Nathe, Jr. 2,104,593; Jan. 4.
- Closure, Resilient. R. J. Violette. 2,105,709; Jan. 18.
- Closure sealing means for cylinders and the like. H. R. Horner. 2,114,381; Apr. 19.
- Closure structure. J. E. Morris. 2,120,986; June 21.
- Closure structure for metallic containers. J. W. Shera. Re. 20,647; Feb. 1.
- Closure structure, Knockdown. M. S. Gibson and R. W. Lotz. 2,118,032; May 24.
- Closure, Tamper proof secondary. J. F. Rogan. 2,122,294; June 28.
- Closure, Tank. R. M. Smith. 2,113,776; Apr. 12.
- Closure, Tube. S. J. Krannak. 2,113,605; Apr. 12.
- Closure, Tube and bottle. W. B. Jenks. 2,111,186; Mar. 15.
- Closure, Vehicle luggage and spare tire. G. A. Lyon. 2,115,770; May 3.
- Closures, Apparatus for manufacturing metal. B. J. Huntsman. 2,122,525; July 5.
- Closures in collapsible tubes by welding. Effecting. P. R. Fechtelner and M. Hallend. 2,141,244; Dec. 27.
- Closures in open positions. Device for holding hinged. H. H. Edle. 2,129,412; Sept. 6.
- Closures for receptacles containing pourable substances. Sanitary. R. E. Deschner. 2,109,720; Mar. 1.
- Closures, Loosening or tightening. L. Palmeri. 2,132,878; Oct. 11.
- Closures, Making jar. W. Kowal. 2,115,310; Apr. 26.
- Closures, Manufacturing container. J. J. Williams. 2,119,630; June 7.



- Closures, Manufacturing container. J. J. Williams. 2,119,662; June 7.
- Closures, Method and apparatus for applying. G. W. Booth. 2,139,572; Dec. 6.
- Closures on containers, Method and machine for fitting. J. Dichter. 2,135,390; Nov. 1.
- Cloth, Apparatus for printing. J. H. Williams. 2,131,991; Oct. 4.
- Cloth-cutting machine. A. Komow. 2,133,101; Oct. 11.
- Cloth cutting machine. S. Segal. 2,129,632; Sept. 6.
- Cloth feed control, Automatic. M. Wiedemann. 2,118,494; May 3.
- Cloth finishing machine. C. G. Richardson. 2,128,377; Aug. 30.
- Cloth, Hair cutting. F. H. Richmond. 2,123,436; July 12.
- Cloth measuring and yardage printing device. H. H. Kramer. 2,128,709; Aug. 30.
- Cloth, Method and apparatus for preshrinking. H. A. Woodhead. 2,120,536; June 14.
- Cloth, Method and apparatus for shrinking and drying. D. Gessner. 2,132,156; Oct. 4.
- Cloth or fabric printing machine. M. N. Bulford. 2,111,613; Mar. 22.
- Cloth or fabric, Treating or processing. M. N. Bulford. 2,117,079; May 10.
- Cloth, Photographic tracing. G. F. Nadeau and H. R. Couch. 2,117,814; May 17.
- Cloth reel. G. M. G. Makin. 2,125,796; Aug. 2.
- Cloth shearing machine. C. G. Richardson. 2,129,236; Sept. 6.
- Cloth, Treating cotton. M. J. Mack. 2,109,798; Mar. 1.
- Cloth unwinder. M. Breth. 2,134,656; Oct. 25.
- Clothes drier. H. W. Altorfer. 2,137,376; Nov. 22.
- Clothes drier. P. Barry and W. Wilds. 2,128,892; Sept. 6.
- Clothes drier. J. E. Chestnutt. 2,118,786; May 24.
- Clothes drier. R. J. Jenks. 2,129,425; Sept. 6.
- Clothes drier. T. Principessa. 2,117,627; May 17.
- Clothes drier, Rotatable. R. J. Jenks. 2,129,426; Sept. 6.
- Clothes hanger. L. R. Jones. 2,116,631; May 10.
- Clothes hanger. E. G. Redin. 2,128,596; Aug. 30.
- Clothes hanger. O. Vecchio. 2,122,305; June 28.
- Clothes hook. A. R. Bunting. 2,136,272; Nov. 8.
- Clothesline holder. F. L. McConnell. 2,133,936; Oct. 18.
- Clothesline hook. F. H. McLain. 2,116,729; May 10.
- Clothesline prop. I. D. and C. P. Hartman. 2,120,662; June 14.
- Clothesline, Pull-in. R. R. Robertson. 2,134,264; Oct. 25.
- Clothesline reel. H. Nilsen. 2,135,831; Nov. 8.
- Clothesline reel. C. A. and J. C. Stockwell. 2,132,348; Oct. 11.
- Clothesline reel. J. Zvanut. 2,133,337; Oct. 18.
- Clothesline support. J. C. Cordell. 2,141,032; Dec. 20.
- Clothesline supporting apparatus. R. R. Robertson. 2,137,183; Nov. 15.
- Clothespin. D. W. Hilderbrant. 2,109,023; Feb. 22.
- Clothespin. L. M. Larsen. 2,113,991; Apr. 12.
- Clothespin. J. M. Merwitz. 2,139,455; Dec. 6.
- Clothespin. J. Wareing. 2,131,081; Sept. 27.
- Clothespin or the like, Metallic. B. J. Harvey. 2,116,238; May 3.
- Clothespin, Wire. S. Istre. 2,125,787; Aug. 2.
- Clothes rack. C. A. Wendt. 2,122,190; June 28.
- Clothes washing installation. A. H. Pyne. 2,133,903; Oct. 18.
- Clothes washing machine. J. B. Kirby. 2,134,084; Nov. 1.
- Clothing. S. Rosenblatt. 2,123,969; July 19.
- Clothing bag. W. Gersten. 2,116,197; May 3.
- Cloths, Blueprint, photo-vellum, and similar sensitized. A. L. Lippert and W. P. Hall. 2,121,205; June 21.
- Clutch: See—**
- |                                   |                          |
|-----------------------------------|--------------------------|
| Automatic clutch.                 | Hydraulic clutch.        |
| Automatic hydraulic clutch.       | Laminated disk clutch.   |
| Automobile clutch.                | One-way clutch.          |
| Cable and pipe clutch.            | Overload release clutch. |
| Composite clutch.                 | Overrunning clutch.      |
| Fluid clutch.                     | Pulley clutch.           |
| Fluid operated clutch.            | Self energizing clutch.  |
| Fluid pressure controlled clutch. | Splined clutch.          |
| Freewheeling clutch.              | Sprag clutch.            |
| Friction clutch.                  | Suction operated clutch. |
| Governor clutch.                  | Synchronizing clutch.    |
|                                   | Vacuum power clutch.     |
- Clutch. W. F. Boldt and G. H. Thomas. 2,140,100; Dec. 13.
- Clutch. C. Breer. 2,133,419; Oct. 18.
- Clutch. P. Burke. 2,115,763; May 3.
- Clutch. E. B. Carson. 2,136,541; Nov. 15.
- Clutch. D. Collins. 2,133,739; Oct. 18.
- Clutch. R. G. Dickens. 2,140,737; Dec. 20.
- Clutch. J. H. Doran. 2,120,092; June 7.
- Clutch. A. Dunkelow and L. M. Alger. 2,135,971; Nov. 8.
- Clutch. H. J. Dunkelow. 2,140,619; Dec. 20.
- Clutch. C. M. Eason. 2,116,740; May 10.
- Clutch. C. M. Eason. 2,126,760; Aug. 16.
- Clutch. H. W. Fies. 2,124,734; July 26.
- Clutch. F. M. Guy. 2,105,188; Jan. 11.
- Clutch. G. Hunt. 2,138,169; Nov. 29.
- Clutch. O. I. Judelshon. 2,113,791; Apr. 12.
- Clutch. H. M. Kesterton. 2,113,512; Apr. 5.
- Clutch. H. Nutt and H. V. Reed. 2,107,739; Feb. 8.
- Clutch. C. M. Palmer. 2,133,830; Oct. 18.
- Clutch. W. F. Ploetz. 2,127,344; Aug. 16.
- Clutch. G. C. Royse. 2,107,308; Feb. 8.
- Clutch. G. C. Royse. Re. 20,903; Nov. 1.
- Clutch. J. C. Simons and H. S. Swope. 2,104,174; Jan. 4.
- Clutch. J. Sneed. 2,122,218; June 28.
- Clutch. C. B. Spase. 2,126,149; Aug. 9.
- Clutch. C. G. Strandlund. 2,119,757; June 7.
- Clutch. A. P. A. ten Broek. 2,129,108; Sept. 6.
- Clutch. G. W. von Hofe. 2,123,030; July 5.
- Clutch. W. S. Wolfram. 2,138,129; Nov. 29.
- Clutch. R. T. Wright. 2,140,869; Dec. 20.
- Clutch and brake control mechanism. W. R. Freeman. 2,131,944; Oct. 4.
- Clutch and brake mechanism, Power operated. H. Ford. 2,104,455; Jan. 4.
- Clutch and drive mechanism, Self-protecting. C. W. Spicer. 2,140,723; Dec. 20.
- Clutch and friction retarding means for hand brakes, Combined. R. J. Olander. 2,121,095; June 21.
- Clutch and operating mechanism therefor. R. T. Stewart. 2,122,594; July 5.
- Clutch and reverse gear. A. G. Langdon. 2,104,658; Jan. 4.
- Clutch and transmission mechanism. W. D. Morton and W. E. Haupt. 2,107,954; Feb. 8.
- Clutch and variable transmission gear, Automatic. A. N. Davey. 2,139,301; Dec. 6.
- Clutch automatic transmission, Fluid. B. A. Swennes. 2,129,366; Sept. 6.
- Clutch bearing mechanism. T. Barish. 2,121,418; June 21.
- Clutch connection for motion picture apparatus of the magazine type. O. Wittel, L. R. Martin, and D. H. Smiley. 2,126,299; Aug. 9.
- Clutch control. V. W. Kliesrath. 2,130,848; Sept. 20.
- Clutch control apparatus. C. O. Guernsey. 2,109,420; Feb. 22.
- Clutch control, Automatic. A. E. Fisher. 2,129,350; Sept. 6.
- Clutch control device, Automatic. R. S. Whittington. 2,107,724; Feb. 8.
- Clutch control means. H. E. Clarke. 2,132,721; Oct. 11.
- Clutch control mechanism. C. S. Bragg and V. W. Kliesrath. 2,109,099; Feb. 22.
- Clutch control mechanism. R. P. Breese. 2,134,503; Oct. 25.
- Clutch control mechanism. V. W. Kliesrath. 2,111,290; Mar. 15.
- Clutch control mechanism. V. W. Kliesrath. 2,124,781; July 26.
- Clutch control mechanism. V. W. Kliesrath. 2,134,520; Oct. 25.
- Clutch control mechanism. F. Kritz. 2,125,505; Aug. 2.
- Clutch control mechanism. H. J. D. McCollum. 2,136,800; Nov. 15.
- Clutch control mechanism. H. W. and E. R. Price. 2,118,226; May 24.
- Clutch control mechanism. H. W. and E. R. Price. 2,127,752; Aug. 23.
- Clutch control mechanism. H. W. and E. R. Price. 2,134,576; Oct. 25.
- Clutch control mechanism. H. W. and E. R. Price. 2,137,544; Nov. 22.
- Clutch control mechanism. H. C. Roth and W. J. Andres. 2,134,534; Oct. 25.
- Clutch control mechanism. W. S. Watts. 2,118,123; May 24.
- Clutch controlling mechanism. C. S. Bragg. 2,104,731; Jan. 11.
- Clutch device, slip. W. C. Conover. 2,125,270; Aug. 2.
- Clutch disk. H. D. Geyer. 2,124,059; July 19.
- Clutch engagement to speed of vehicle, Correlating speed of. T. B. Tyler. 2,133,001; Oct. 11.
- Clutch engaging and disengaging mechanism. E. Degelman. 2,121,626; June 21.
- Clutch for fishing reels, Adjustable tension. O. Horsrud. 2,136,438; Nov. 15.
- Clutch for internal combustion engines, Starter. L. S. Love. 2,121,547; June 21.
- Clutch for ironing machine mechanism. J. W. Racklyeft. 2,134,202; Oct. 25.
- Clutch for multiple V-belt drives, Automatic. F. R. Erbach. 2,104,074; Jan. 4.
- Clutch for power transmitting devices. J. G. Tyken. 2,129,891; Sept. 13.
- Clutch for rotary tools, Antishell. W. W. Nash. 2,127,003; Aug. 16.
- Clutch-lever plate. H. C. Klix. 2,117,482; May 17.
- Clutch mechanism. O. H. Banker. 2,104,014; Jan. 4.
- Clutch mechanism. C. C. Barber. 2,133,794; Oct. 18.
- Clutch mechanism. P. H. Batten and H. J. Dunkelow. 2,127,713; Aug. 23.
- Clutch mechanism. E. L. Connell. 2,111,280; Mar. 15.
- Clutch mechanism. A. Y. Dodge. 2,127,719; Aug. 23.
- Clutch mechanism. H. J. Dunkelow. 2,125,433; Aug. 2.
- Clutch mechanism. C. M. Eason. 2,116,739; May 10.
- Clutch mechanism. C. M. Eason. 2,121,075; June 21.
- Clutch mechanism. E. M. Florcyk. 2,130,486; Sept. 20.
- Clutch mechanism. J. L. Hatcher. 2,132,418; Oct. 11.



- Clutch mechanism. G. P. Marsden. 2,104,265; Jan. 4.  
 Clutch mechanism. J. J. McCabe. 2,130,757; Sept. 20.  
 Clutch mechanism. W. T. Welch. 2,140,975; Dec. 20.  
 Clutch mechanism, Automatic. R. P. Lewis. 2,108,969; Feb. 22.  
 Clutch mechanism, Automatic. R. P. Lewis. 2,126,120; Aug. 9.  
 Clutch mechanism, Automatic. J. E. Padgett. 2,111,721; Mar. 22.  
 Clutch mechanism, Flywheel. W. A. Black. 2,106,338; Jan. 25.  
 Clutch mechanism for automotive vehicles. J. Stocker. 2,104,312; Jan. 4.  
 Clutch mechanism for automotive vehicles, Power actuated. H. N. Durham. 2,136,542; Nov. 15.  
 Clutch mechanism for electromagnetic sound recording and reproducing devices. S. Begun. 2,108,426; Feb. 15.  
 Clutch mechanism for motor cars. O. Seidenberg. 2,130,907; Sept. 20.  
 Clutch mechanism for typewriting machines. J. L. Hillis. 2,104,559; Jan. 4.  
 Clutch mechanism for washing machines. M. M. Jackson. 2,114,981; Apr. 19.  
 Clutch mechanism for wheel differentials. W. G. Chryst. 2,119,098; May 31.  
 Clutch mechanism for winding spindles. J. J. Keyes and P. H. Brace. 2,134,561; Oct. 25.  
 Clutch mechanism for windshield wipers. G. F. Jordan and E. Mayer. 2,109,701; Mar. 1.  
 Clutch mechanism, Friction. A. B. Bear. 2,131,579; Sept. 27.  
 Clutch member. E. E. Wemp. 2,117,527; May 17.  
 Clutch members, Forming cone. C. M. Eason. 2,127,720; Aug. 23.  
 Clutch operating device for motor vehicles. E. G. Hill and H. W. Hey. Re. 2,079,4; July 5.  
 Clutch operating means, Automatic. H. L. Pike. 2,110,675; Mar. 8.  
 Clutch operating means on motor vehicles. K. Maybach. 2,105,429; Jan. 11.  
 Clutch operating mechanism. O. K. Kelley. 2,133,053; Oct. 11.  
 Clutch operating mechanism. R. S. Sanford. 2,131,075; Sept. 27.  
 Clutch or brake, Automatic centrifugal. A. Anderton. 2,128,980; Sept. 6.  
 Clutch plate. D. E. Gamble. 2,129,372; Sept. 6.  
 Clutch plate. H. Nutt. 2,141,014; Dec. 20.  
 Clutch plate. H. Nutt and H. V. Reed. 2,110,051; Mar. 1.  
 Clutch plate. H. V. Reed. 2,107,741; Feb. 8.  
 Clutch plate. H. V. Reed. 2,119,025-6; May 31.  
 Clutch plate. C. B. Spase. 2,124,013; July 19.  
 Clutch plate, Friction. B. A. Swennes. 2,104,106; Jan. 4.  
 Clutch release, Automatic. W. S. Wright. 2,109,096; Feb. 22.  
 Clutch release for punch presses, Safety. P. E. Boyd. 2,111,061; Mar. 15.  
 Clutch shaft construction for automotive power plants, Flexible. C. D. Peterson. 2,104,669; Jan. 4.  
 Clutch sleeve spring tool. G. W. Cooper. 2,108,252; Feb. 15.  
 Clutch structure. P. Orr. 2,122,892; July 5.  
 Clutch support in motion picture apparatus. O. Wittel. 2,110,493; Mar. 8.  
 Clutch throw-out, Hydraulic. H. D. Geyer. 2,135,617; Nov. 8.  
 Clutches and the like, Assembly for. T. L. Fawick. 2,120,400; June 14.  
 Clutches and the like, Assembly for driving. T. L. Fawick. 2,111,422; Mar. 15.  
 Clutches of motor vehicles, Mechanism for controlling the. A. Morgan. 2,111,294; Mar. 15.  
 Clutching and speed changing mechanism. J. Cotal. 2,120,733; June 14.  
 Clutching and speed-changing mechanism. J. Cotal. 2,123,770; July 12.  
 Clutching means, Yieldable. J. Wohlfeld. 2,120,384; June 14.  
 Coal and fluid separating medium therefor, Cleaning. N. D. Levin and S. H. Yost. 2,108,290; Feb. 15.  
 Coal and the like, Method and apparatus for mining. G. L. Bennett. 2,104,579; Jan. 4.  
 Coal, Apparatus for coking. W. A. Ogg. 2,119,176; May 31.  
 Coal, Apparatus for heating. J. S. Morgan. 2,105,156; Jan. 11.  
 Coal briquettes, Coking. J. Becker. 2,105,832; Jan. 18.  
 Coal by the float and sink process using a heavy separating liquid, Apparatus for the wet concentration of. G. J. de Vooy. 2,110,760; Mar. 8.  
 Coal, coke, and the like, Treating. G. P. Spencer. 2,125,753; Aug. 2.  
 Coal, Coloring. G. Barsky and W. C. Hansen. 2,129,002; Sept. 13.  
 Coal, Coloring. W. F. Glimsmann. 2,129,901; Sept. 13.  
 Coal, Electrical carbonization of. R. B. Schizer. 2,127,542; Aug. 23.  
 Coal handling. R. E. Burk. 2,128,913; Sept. 6.  
 Coal, Hydrogenation of high oxygen. C. Ellis. 2,106,073; Feb. 1.  
 Coal, Method and composition for treating. W. E. Kleinleke and G. P. Hevenor. 2,116,682; May 10.  
 Coal, Method of and apparatus for cleaning. N. D. Levin. 2,108,495; Feb. 15.  
 Coal, Mining. J. F. Joy. 2,131,180; Sept. 27.  
 Coal, Mining. E. Ramsay. 2,105,504; Jan. 18.  
 Coal processing. G. A. Berry. 2,131,702; Sept. 27.  
 Coal, Simultaneously washing and coating. S. W. Allen. 2,138,825; Dec. 6.  
 Coal tar resins and the products produced thereby. J. M. Weiss. 2,126,937; Aug. 16.  
 Coal, Treating. O. M. Urbain and W. R. Stemen. 2,137,932-3; Nov. 22.  
 Coal within oven chambers, Apparatus for charging and compressing loosely charged. C. Still. 2,128,438; Aug. 30.  
 Coals and other materials, Process and apparatus for cleaning. K. F. Tromp. 2,139,047; Dec. 6.  
 Coaster. S. L. Brody. 2,141,509; Dec. 27.  
 Coaster. A. L. Lawrence. 2,131,878; Oct. 4.  
 Coaster brake. E. S. Buchanan. 2,137,562; Nov. 22.  
 Coaster brake. I. Mackowiak. 2,138,497; Nov. 29.  
 Coaster brake. H. L. Mueller. 2,108,501; Feb. 15.  
 Coaster, serving as support for glasses, and the like. O. A. Kaparin. 2,113,888; Apr. 12.  
 Coasters, Mechanical movement for motor. D. Henderson. 2,117,886; May 17.  
 Coat. J. Joseph. 2,114,079; Apr. 12.  
 Coat and garment hanger. G. G. Keeler. 2,110,158; Mar. 8.  
 Coat and manufacture. J. Haspel. 2,117,163; May 10.  
 Coat construction. H. Gemignani. 2,133,193; Oct. 11.  
 Coat hanger. A. V. Rowe. 2,123,259; July 12.  
 Coat hanger and pants support. C. L. Seyler. 2,134,740; Nov. 1.  
 Coat hanger, Collapsible. B. Strezoff. 2,108,622; Feb. 15.  
 Coat, Lamb. C. M. Allen. 2,131,495; Sept. 27.  
 Coat or the like. A. Jonas. 2,131,515; Sept. 27.  
 Coated fabric. E. H. Nollau and D. A. Rankin. 2,118,101; May 24.  
 Coating. A. MacLachlan. 2,136,557; Nov. 15.  
 Coating and adhesive composition and making the same. W. C. Wilson and C. E. Fawkes. 2,133,335; Oct. 18.  
 Coating and apparatus therefor and product, Method of. E. C. Schacht. Re. 2,066,0; Feb. 22.  
 Coating and applying and removing, Protective. L. G. Copeman. 2,132,230; Oct. 4.  
 Coating apparatus. J. Harrington, Jr. 2,113,690; Apr. 12.  
 Coating apparatus. W. C. Huebner. 2,133,517; Oct. 18.  
 Coating apparatus. W. L. MacKenzie. 2,111,865; Mar. 22.  
 Coating apparatus. W. H. Nutt. 2,110,938; Mar. 15.  
 Coating apparatus. H. T. Scott. 2,133,214; Oct. 11.  
 Coating, Apparatus for. I. J. Paul. 2,108,389; Feb. 15.  
 Coating-applying machine. B. Jorgensen. 2,110,157; Mar. 8.  
 Coating, Colored silicate. C. E. Hillers. 2,129,841; Sept. 13.  
 Coating composition. A. M. Alvarado and R. T. Ubben. 2,110,073; Mar. 1.  
 Coating composition. F. W. Corkery. 2,121,475; June 21.  
 Coating composition. G. R. Ensminger. 2,139,008; Dec. 6.  
 Coating composition. W. E. Gloor. 2,128,136; Aug. 23.  
 Coating composition. R. W. Hall. 2,114,877; Apr. 19.  
 Coating composition. G. D. Patterson. 2,136,313; Nov. 8.  
 Coating composition. C. J. Rolle. 2,115,214; Apr. 26.  
 Coating composition. E. B. Schuler. 2,114,985; Apr. 19.  
 Coating composition. F. K. Shankweiler. 2,111,461; Mar. 15.  
 Coating composition. E. W. Trolander and W. C. Wilson. 2,129,156; Sept. 6.  
 Coating composition and preparing same. M. I. Strauss. 2,140,657; Dec. 20.  
 Coating composition and preparing the same. I. Wetchler. 2,112,412; Mar. 29.  
 Coating composition, Cellulose derivative. C. H. Humphries. 2,130,238; Sept. 13.  
 Coating compositions. J. A. Arvin. 2,121,680; June 21.  
 Coating compositions. E. Helft. 2,108,768; Feb. 15.  
 Coating compositions and method of producing. I. C. Clare. 2,138,140; Nov. 29.  
 Coating compositions and preparing same. R. T. Hucks. 2,118,511; May 24.  
 Coating compositions, Apparatus for distributing and spraying liquid or plastic. E. A. Johnson. 2,123,604; July 12.  
 Coating compositions, Resinous. D. E. Edgar. 2,121,690; June 21.  
 Coating compositions, Resinous. H. H. Hopkins. 2,110,085; Mar. 1.  
 Coating compound. A. W. Johnson and G. H. Young. 2,130,924; Sept. 20.  
 Coating device. S. P. Wraai. 2,118,719; May 24.  
 Coating, Ductile cadmium. K. G. Soderberg and H. Brown. 2,107,806; Feb. 8.  
 Coating equipment, Vertical. W. T. Anderson. 2,107,270; Feb. 8.  
 Coating for ceramic bodies, Metal. R. Higgins. 2,119,989; June 7.  
 Coating for ferrous alloys. L. McAllach. 2,131,696; June 21.  
 Coating for footwear and other articles, Protective. R. W. Albright and A. Sogvarl. 2,117,532; May 17.  
 Coating for gaskets and the like. R. O. Peterson. 2,116,000; May 3.



- Coating for ice cream bars, Making a. A. A. Schildberger. 2,129,881; Sept. 13.
- Coating for metals, Heat resistive. G. W. Smith. 2,115,127; Apr. 26.
- Coating for smoking pipes and the like. A. Buschman. 2,116,186; May 3.
- Coat foundation and making same. J. M. Sandone. 2,140,853; Dec. 20.
- Coating from containers, Removing. F. Gettelman. 2,105,767; Jan. 18.
- Coating, Lacquer-undercoat protective. W. L. Pringle. 2,104,240; Jan. 4.
- Coating machine. A. M. Becker. 2,139,652; Dec. 13.
- Coating machine. E. G. Daley. 2,113,933; Oct. 18.
- Coating machine. W. C. Huebner. 2,133,516; Oct. 18.
- Coating material applying device. H. Paxton. 2,141,550; Dec. 27.
- Coating measuring device. L. A. Danse. 2,136,675; Nov. 15.
- Coating, Method of. K. E. Crooks. 2,104,637; Jan. 4.
- Coating, Method of. F. N. Speller. 2,132,584; Oct. 11.
- Coating on aluminum. J. W. Newsome. 2,118,053; May 24.
- Coating on aluminum, Stabilizing. J. D. Edwards. 2,126,954; Aug. 16.
- Coating on aluminum, White. H. K. Work and M. Tosterud. 2,107,318; Feb. 8.
- Coating or paint and making same, Waterproof. C. E. Spooner. 2,107,511; Feb. 8.
- Coating, Phosphated metal. L. P. Curtin. 2,120,212; June 7.
- Coating preparations, Manufacture of. P. Koch. 2,114,251; Apr. 12.
- Coating process. J. P. Ward. 2,114,692; Apr. 19.
- Coating, Process for metal. M. G. Whitfield and V. Sheshunoff. 2,135,652; Nov. 8.
- Coating, Process of and apparatus for applying nitrocellulose. E. M. Bright. 2,130,225; Sept. 13.
- Coating, Protective. C. L. Hauthaway. 2,137,084; Nov. 15.
- Coating, Protective. M. W. Mason. 2,125,387; Aug. 2.
- Coating, Protective. C. R. Payne. 2,134,837; Nov. 1.
- Coating, Protective. P. Schnorf. 2,138,211; Nov. 29.
- Coating, sizing, and finishing compositions. O. F. Muller. 2,127,650; Aug. 23.
- Coating the interior of a water main, Device used for. C. Inglee. 2,106,004; Jan. 18.
- Coating to a filament, Method and apparatus for applying a fibrous. C. F. Obermaier. 2,131,598; Sept. 27.
- Coating to glassware, Applying a lubricant. R. C. Williams and H. M. Bone. 2,132,138; Oct. 4.
- Coatings, Applying. W. C. Goss. 2,114,377; Apr. 19.
- Coatings, Coloring and protective. O. Schober. 2,106,228; Jan. 25.
- Coatings, Container. W. J. Tomsicek, L. L. Dodge, and J. B. Calva. 2,122,543; July 5.
- Coatings, Method and apparatus for applying metal. P. A. Bleakley. 2,110,755; Mar. 8.
- Coatings of magnesium and high percentage magnesium alloys, Producing corrosion resistant. J. M. Michel. 2,134,830; Nov. 1.
- Coatings on aluminum. J. W. Newsome. 2,118,055; May 24.
- Coatings on magnesium and its alloys, Treating anodic. R. W. Buzzard. 2,138,023; Nov. 29.
- Coatings on various articles, Process and apparatus for producing metallic. H. Schneider. 2,136,024; Nov. 8.
- Coatings, Producing vinyl resin surface. A. K. Doolittle. 2,140,518; Dec. 20.
- Coatings, Producing vinyl resin surface. A. K. Doolittle. 2,141,126; Dec. 20.
- Coatings, Production of chemically resilient rubber. H. H. Harkins. 2,130,008; Sept. 13.
- Coatings to ceramic bodies, Applying metallic. H. Vatter. 2,139,431; Dec. 6.
- Coatings to parts of rubber articles, Applying. A. L. Diller and F. F. Olson. 2,133,346; Oct. 18.
- Coats and the product thereof, Manufacture of fur. H. Post. 2,120,152; June 7.
- Cock, B. E. Meacham. 2,117,197; May 10.
- Cock, Ball. R. C. Boyd. 2,111,836; Mar. 22.
- Cock, Cylinder. R. A. Light and J. W. Price, Jr. 2,108,223; Feb. 15.
- Cock, Cylinder. C. W. Ploen and A. R. Ayers. 2,136,952; Nov. 15.
- Cock for thermostats, Combination gas. R. E. Newell. Re. 20,864; Sept. 20.
- Cock, Gas. B. L. Matthews. 2,138,767; Nov. 29.
- Cock, Gas. E. W. Roberts. 2,118,232; May 24.
- Cock, Gas. E. G. Steffen. 2,108,299; Feb. 15.
- Cock, Gas. C. S. Stuckenholt and J. J. Slavin. 2,111,998-9; Mar. 22.
- Cock, Gauge. W. E. Whaley. 2,124,382; July 19.
- Cock, Meter. S. J. Nordstrom. 2,122,721; July 5.
- Cocktail glass cooler. H. W. Talbot. 2,127,706; Aug. 23.
- Cocktail table, Combination cellophane. A. O. Mattucci. 2,122,042; June 28.
- Cocoa and sugar compound and making same. H. T. Middleton. 2,117,344; May 17.
- Cocoa products, Treatment of. B. J. Zenlea. 2,118,129; May 24.
- Cocoa substitution, Producing powdered. S. Ezaki. 2,106,372; Jan. 25.
- Code printing apparatus. B. L. Green. 2,114,295; Apr. 19.
- Code setting device for signal systems. J. H. Wheelock. 2,124,160; July 19.
- Code translator. M. L. Haselton. 2,139,079; Dec. 6.
- Code transmission system. H. O. Rugh. 2,110,149; Mar. 8.
- Coding and decoding apparatus. J. A. Herbst. 2,127,733; Aug. 23.
- Coding and decoding machine. W. S. Lemmon and A. C. Holt. 2,116,683; May 10.
- Coding and decoding machine. A. R. Noll. 2,116,731-3; May 10.
- Coding and decoding, System of. W. S. Lemmon, C. R. Doty, R. F. Walz, and A. C. Holt. 2,138,639; Nov. 29.
- Coeruleins and their manufacture, Sulphonated. E. Peyer. 2,137,143; Nov. 15.
- Coffee and preserving its flavor, Treating. A. J. Hazle, Jr. 2,118,010; May 17.
- Coffee and the treatment thereof. H. Rosenthal. 2,123,207; July 12.
- Coffee ball. J. P. Kane. 2,110,732; Mar. 8.
- Coffee beverages, Carbonated. D. Frommuller and F. M. Boyles. 2,118,184; May 24.
- Coffee brewer. J. Taxay. 2,135,543; Nov. 8.
- Coffee, Brewing. H. Cory. 2,107,236; Feb. 1.
- Coffee brewing device. C. M. Nevius. 2,129,587; Sept. 6.
- Coffee, Conserving roasted. M. Specht. 2,136,154; Nov. 8.
- Coffee container, Airtight. L. H. Campos. 2,116,300; May 3.
- Coffee holder, Ground. F. Ramstedt. 2,109,624; Mar. 1.
- Coffee infusion apparatus. J. S. Comstock. 2,139,881; Dec. 13.
- Coffee maker. J. C. Adams. 2,107,923-4; Feb. 8.
- Coffee maker. E. Fromwiller. 2,123,331; July 12.
- Coffee maker. L. J. Hois. 2,111,777; Mar. 22.
- Coffee maker. J. W. Lynch. 2,108,684; Feb. 15.
- Coffee maker. W. C. Weber and E. H. Wellech. 2,138,198; Nov. 29.
- Coffee maker, Electric. C. D. Keaton. 2,117,729; May 17.
- Coffee maker handle. W. R. Weeks. 2,137,884; Nov. 22.
- Coffee-making apparatus. J. H. Lieber. 2,135,903; Nov. 8.
- Coffee making apparatus. N. Theofilos. 2,112,612; Mar. 29.
- Coffee making device. V. and E. J. Lamb. 2,123,054; July 5.
- Coffee making device. E. H. Sieling. 2,133,178; Oct. 11.
- Coffee mill. D. A. Meeker. 2,141,310; Dec. 27.
- Coffee mill. H. E. A. Rabl. 2,138,204; Nov. 29.
- Coffee pot. J. W. Small. 2,126,584; Aug. 9.
- Coffee pot. W. E. Williams. 2,109,363; Feb. 22.
- Coffee, Preparation of self-filtering ground. A. Roscher and F. von Herrenburger. 2,134,276; Oct. 25.
- Coffee roasting machine. S. E. Richeson. 2,109,597; Mar. 1.
- Coffee, Treating. H. Heuser. 2,119,329; May 31.
- Coffee, Treating. F. J. and A. E. Mushaben. 2,133,559; Oct. 18.
- Coil and making coils. F. E. Henderson. 2,118,924; May 31.
- Coil and the method and apparatus for making, Coiled. S. Wadsten. 2,136,649; Nov. 15.
- Coil annealing furnace. J. C. Woodson. 2,137,869; Nov. 22.
- Coil apparatus, Beer. W. F. Mayer. 2,137,297; Nov. 22.
- Coil construction. C. H. Lanphier. 2,138,606; Nov. 29.
- Coil, Electrical. E. Dietze and J. W. Foley. 2,120,973; June 21.
- Coil, Electrical. J. P. Quam. 2,132,833; Oct. 11.
- Coil, Electrical. J. W. Sager. 2,122,894; July 5.
- Coil for dynamo-electric machines, Armature. A. Casale. 2,138,292; Nov. 29.
- Coil handling mechanism. C. M. Yoder. 2,139,873; Dec. 13.
- Coil, High-frequency. W. J. Polydoroff and D. V. Sinner. 2,135,841; Nov. 8.
- Coil, High frequency iron core. H. C. Riepkka. 2,130,815; Sept. 20.
- Coil, Ignition. L. P. Kongsted. 2,141,141; Dec. 20.
- Coil, Ignition. C. Ringwald. 2,131,483; Sept. 27.
- Coil insulation. T. R. Walters and E. W. Manning. 2,135,315; Nov. 1.
- Coil, Metal. C. S. Henderson. 2,105,734; Jan. 18.
- Coil, Radio frequency. H. E. Thompson. 2,138,330; Nov. 29.
- Coil selector. J. Melicharek. 2,141,613; Dec. 27.
- Coil, Separator. L. C. Smith. 2,140,484; Dec. 13.
- Coil system for multiple range radio receivers and the like. V. D. Landon and W. H. Conron. 2,113,157; Apr. 5.
- Coil tilting device. B. H. Gedge, Jr. 2,135,890; Nov. 8.
- Coil winding machine. G. A. Hinricher. 2,113,023; Apr. 5.
- Coiling apparatus. O. G. Nelson. 2,122,485; July 5.
- Coiling device. K. Grube. 2,119,847; June 7.
- Coiling machine. W. S. Adanas. 2,128,278; Aug. 30.
- Coiling machine. E. S. Ellis. 2,134,036; Oct. 25.
- Coiling mechanism for sheet material. C. M. Yoder. 2,116,057; May 3.
- Coiling reel. R. J. Wean and D. A. McArthur. 2,117,640; May 17.
- Coils, Winding. W. S. Merkle. 2,140,137; Dec. 13.



- Coin and bill receptacle. E. Cardone. 2,128,399; Aug. 30.
- Coin and token separator. W. Patzer. 2,139,381; Dec. 6.
- Coin carrier. H. C. Baller. 2,131,088; Sept. 27.
- Coin collecting means. C. Klemt. 2,113,989; Apr. 12.
- Coin collection box. G. A. Long. 2,109,864; Mar. 1.
- Coin computing and delivering apparatus. A. Errera. 2,114,559; Apr. 19.
- Coin control for bowling alleys. L. F. Hehn. 2,118,303; May 24.
- Coin-control mechanism. W. J. Kennedy. 2,113,430; Apr. 5.
- Coin controlled apparatus. W. A. Bockisch. 2,121,946; June 28.
- Coin controlled apparatus. M. L. Landreth. 2,121,970-1; June 28.
- Coin controlled apparatus. E. Sirp. 2,121,991; June 28.
- Coin controlled apparatus for dispensing machines. F. C. Du Grenier. 2,128,180; Aug. 23.
- Coin controlled device. B. Radtke and C. R. Kirk. 2,125,689; Aug. 2.
- Coin controlled machine. H. H. Hoke, Jr. Re. 20,713; May 3.
- Coin controlled mechanism. J. N. Pryor. 2,108,943; Feb. 22.
- Coin counting machine. P. C. Smith. 2,140,603; Dec. 20.
- Coin detecting device for slot machines. T. Bibicos. 2,118,425; May 24.
- Coin dispenser. J. Bauer and M. Grau. 2,111,832; Mar. 22.
- Coin divider. A. F. Chouinard. 2,122,024; June 28.
- Coin handling apparatus. B. W. Williams. 2,112,511; Mar. 29.
- Coin handling mechanism. H. B. Myers. 2,137,501; Nov. 22.
- Coin-handling mechanism for vending machines and the like. A. F. Parks. 2,136,561; Nov. 15.
- Coin injector for packages. C. E. McMakin. 2,131,843; Oct. 4.
- Coin separator. O. Miller. 2,113,797; Apr. 12.
- Coin slot for coin-controlled machines. V. Longarzo. 2,116,316; May 3.
- Coin sorter. E. E. Colburn and F. M. Blahnik. 2,141,950; Dec. 27.
- Coin sorting machine. E. P. Donnellan. 2,110,014; Mar. 1.
- Coin sorting machine. A. E. Zierick. 2,109,658; Mar. 1.
- Coin time switch. J. H. Stark. 2,128,858; Aug. 30.
- Coins. Apparatus for separating genuine and spurious. F. E. A. Wallin, K. T. Johnson, and C. G. Johnson. 2,107,402; Feb. 8.
- Coins. Apparatus for separating genuine and spurious. F. E. A. Wallin, and K. T. and C. G. Johnson. 2,129,512; Sept. 6.
- Coke oven battery. C. V. McIntire. 2,107,642; Feb. 8.
- Coke oven door. L. Wilputte. 2,131,829; Oct. 4.
- Cold accumulators, Method of and apparatus for operating. R. Linde and C. P. Hochgesand. 2,107,335; Feb. 8.
- Cold header, Double stroke. J. H. Friedman. 2,104,297; Jan. 4.
- Cold, Method and apparatus for the production of. E. Altenkirch. 2,138,688; Nov. 29.
- Collapsible adjustable chair. C. A. Tornquist. 2,121,456; June 21.
- Collapsible box. M. M. Keener. 2,113,349; Apr. 5.
- Collapsible chair. L. Bosschier. 2,136,838; Nov. 15.
- Collapsible container. D. B. Gray. 2,114,737; Apr. 19.
- Collapsible container. R. Mancuso. 2,139,239; Dec. 6.
- Collapsible gas holder. K. Jagschitz. 2,127,519; Aug. 23.
- Collapsible rod. W. Dubilier. 2,130,993; Sept. 20.
- Collapsible table. W. B. Craighead. 2,137,229; Nov. 22.
- Collapsible table cabinet. C. E. Whitcomb. 2,122,969; July 5.
- Collapsible tube. H. Mock. 2,108,689; Feb. 15.
- Collapsible tube. H. F. Temple. 2,125,250; July 26.
- Collapsible tube extruding press. G. W. Temple. 2,125,249; July 26.
- Collapsible tube holder. W. C. Craig. 2,118,725; May 24.
- Collapsible wheel. W. Rush. 2,122,955; July 5.
- Collar. A. Clossmann. 2,113,317; Apr. 5.
- Collar. M. L. and G. Kaplan. 2,118,408; May 24.
- Collar. J. Lyons. 2,105,668; Jan. 18.
- Collar adjusting device. A. J. Huellebrand. 2,120,070; June 7.
- Collar and cuff. A. H. Ide. 2,120,147; June 7.
- Collar attachment. W. Gehrig. 2,123,601; July 12.
- Collar bar. H. Cohn. 2,130,459; Sept. 20.
- Collar clamp. Shirt. E. B. Jones. 2,135,753; Nov. 8.
- Collar corners, Folding. H. C. Underwood. 2,138,222; Nov. 29.
- Collar, Expanding. E. T. Straubel. 2,138,320; Nov. 29.
- Collar fastener. O. Eldinger. 2,114,074; Apr. 12.
- Collar for fruit boxes, Protective. C. E. Ridgway. 2,133,041; Oct. 11.
- Collar for milk bottles and the like, Collapsible display. O. A. Lindquist and E. L. Sibbitt. 2,114,498; Apr. 19.
- Collar for overcoats and topcoats. S. A. Beebe. 2,137,107; Nov. 15.
- Collar for personal wear. E. Kass. 2,110,525; Mar. 8.
- Collar holder. O. Carlson. 2,135,169; Nov. 1.
- Collar holder. A. Morvillo. 2,141,012; Dec. 20.
- Collar, Rivet set retaining. J. Penglase. 2,114,503; Apr. 19.
- Collar support and necktie retainer. W. O. Dailey. 2,123,274; July 12.
- Collars and lapels of coats, Apparatus for pressing the. C. DeMarco. 2,118,031; May 24.
- Collector, Detachable. L. C. Fisher and W. H. Frank. 2,134,753; Nov. 1.
- Collector main valve assembly. C. V. McIntire. Re. 20,619; Jan. 11.
- Collectors for unipolar generators, Cooling and mounting of. F. T. Hague and F. R. J. Davis. 2,121,593; June 21.
- Collets, Making. F. G. Silva. 2,105,618; Jan. 18.
- Collimating apparatus for aligning prism-type binoculars. W. O. Hammer. 2,129,130; Sept. 6.
- Colloid mill. B. Zober and T. Garvey. 2,121,275; June 21.
- Colloid preparation. S. L. Ruskin. 2,110,178; Mar. 8.
- Colonic irrigator, Portable. F. A. Mayberry. 2,133,626; Oct. 18.
- Color analyzer and reproducer. W. C. Robinette. 2,132,048; Oct. 4.
- Color and light densities, Device for measuring. R. Mackay. 2,120,499; June 14.
- Color changing indicator. W. H. Pratt. 2,123,743; July 12.
- Color filter. C. Bocca and L. Amati. 2,129,195; Sept. 6.
- Color-forming compounds, Photographic. L. D. Mannes and L. Godowsky, Jr. 2,108,602; Feb. 15.
- Color in plant specimens, Preserving the natural. G. R. Fessenden. 2,105,688; Jan. 18.
- Color key indicator. F. M. Fletcher. 2,112,457; Mar. 29.
- Color lakes. W. Retter, O. Wahl, and W. Müller. 2,140,248; Dec. 13.
- Color of natural stone, Changing the. E. M. Dezendorf. 2,106,317; Jan. 25.
- Color packaging. L. L. Salfisberg. 2,139,041; Dec. 6.
- Color photography. E. B. Middleton and A. B. Jennings. 2,140,540; Dec. 20.
- Color screen control. R. C. Engelken. 2,133,608; Oct. 18.
- Color transfer, Convertible. M. J. Palm. 2,137,456; Nov. 22.
- Coloring material. T. A. Martone. 2,107,159; Feb. 1.
- Coloring material. A. Murray. 2,108,503; Feb. 15.
- Coloring matters of the ophthalmic type. I. M. Heilbron, F. Irving, and R. P. Linstead. 2,116,602; May 10.
- Coloring medium. A. E. Gessler. 2,118,432; May 24.
- Colors, Manufacturing sulphur. S. Norman. 2,136,016-17; Nov. 8.
- Colors on bodies consisting of glass or other material, Applying luminescent. E. Germer. 2,123,939; July 19.
- Colors, Transparent glass. J. H. Young. 2,130,215; Sept. 13.
- Colostomy appliance. H. P. Geisler. 2,129,054; Sept. 6.
- Colostomy appliance. E. G. Mills. 2,117,621; May 17.
- Colostomy pouch apparatus. I. F. Spindell. 2,127,834; Aug. 23.
- Column. C. B. Schneible. 2,114,786; Apr. 19.
- Column. C. B. Schneible. 2,141,829; Dec. 27.
- Column assembly. J. I. Adler. 2,123,621; July 12.
- Column containing filler bodies. E. Hochschwender and H. Thomssen. 2,125,343; Aug. 2.
- Column, Welded bitubular. L. L. Schauer. 2,135,441; Nov. 1.
- Comb. S. Braverman. 2,119,939; June 7.
- Comb. O. B. Carson. 2,124,687; July 26.
- Comb. W. Huppert. 2,113,546; Apr. 5.
- Comb. C. A. Moore. 2,134,370; Oct. 25.
- Comb. H. J. Schellhammer. 2,126,214; Aug. 9.
- Comb. N. L. Solomon. 2,139,106; Dec. 6.
- Comb. C. F. Yaw. 2,139,709; Dec. 13.
- Comb and hair curling device, Combined. E. C. Ruckdeschel and W. N. Brady. 2,124,712; July 26.
- Comb and instrument case, Combination. W. A. Wyman. 2,122,226; June 28.
- Comb box. T. B. Hunt. 2,118,975; May 31.
- Comb, Dandruff. J. Matechik. 2,112,857; Apr. 5.
- Comb, Finger wave. J. D. Donahoe. 2,130,638; Sept. 20.
- Comb, Fountain. L. J. and L. P. Carns. 2,110,323; Mar. 8.
- Comb, Fountain. C. M. Hickey. 2,128,183; Aug. 23.
- Comb, Fountain. W. J. Kotsopoulos. 2,119,849; June 7.
- Comb, Fountain. A. W. Wallenius. 2,108,181; Feb. 15.
- Comb, Hair pressing. J. Duckworth. 2,112,501; Mar. 29.
- Comb, Mechanical self locking. L. Newberry. 2,123,117; July 5.
- Comb, Pocket slide. M. A. Gesaner. 2,110,294; Mar. 8.
- Comb, Sanitary. R. W. Davis. 2,128,287; Aug. 30.
- Comb, Sanitary and cleansing. L. Remballusky. 2,122,699; July 5.
- Comb, Sliding. W. Griesel. 2,115,460; Apr. 20.
- Combining machine for wool, cotton, and the like. K. J. Schmitt. 2,113,061; Apr. 5.
- Combining machine for wool, cotton, and the like. K. J. Schmitt. 2,125,360; Aug. 2.
- Combat vehicle. A. W. Herrington. 2,105,917; Jan. 18.
- Combination burner. J. S. Zink. 2,124,175; July 19.
- Combination ladder bracket. F. Carls. 2,140,828; Dec. 20.
- Combination lock. R. Benjamin. 2,136,584; Nov. 15.
- Combination lock. L. S. and O. F. Deal. 2,120,142; June 7.



- Combination lock. L. Fuchs. 2,125,607; Aug. 2.  
Combination lock. O. A. Hage. 2,104,516; Jan. 4.  
Combination lock. J. Heinzie. 2,130,798; Sept. 20.  
Combination lock. A. Kittler. 2,116,837; May 10.  
Combination lock. M. Schnur. 2,118,478; May 24.  
Combination lock, Self-closing. R. J. Buettner, R. A. Found, J. M. Muntner, J. J. Neitz, and F. C. Zanzig. Re. 20,791; July 12.  
Combination tool. T. F. McGoldrick. 2,126,023; Aug. 9.  
Combination tool. H. Skau. 2,111,195; Mar. 15.  
Combine machine. P. Hanson. 2,132,210; Oct. 4.  
Combines, Attachment for. T. Alderson. 2,115,662; Apr. 26.  
Combustion apparatus. L. V. Andrews. 2,111,908; Mar. 22.  
Combustion apparatus. W. D. Carter. 2,122,929; July 5.  
Combustion apparatus. H. Dupuy. 2,113,831; Apr. 12.  
Combustion apparatus. R. A. Foresman. 2,140,522-3; Dec. 20.  
Combustion, Apparatus for producing. G. S. Meikle. Re. 20,939; Dec. 6.  
Combustion, Apparatus for producing progressively delayed. F. S. Bloom. 2,117,270; May 17.  
Combustion chamber. R. J. Dufour. 2,109,262; Feb. 22.  
Combustion chamber. B. A. Peterson. Re. 20,866; Sept. 20.  
Combustion chamber. J. F. White. 2,113,101; Apr. 5.  
Combustion chamber, Adjustable. A. J. Meyer. 2,120,290; June 14.  
Combustion chamber and heat exchanger, Combined. H. Warr. 2,135,547; Nov. 8.  
Combustion chamber, Double ignition. H. Rabezzana and S. Kalmar. 2,111,601; Mar. 22.  
Combustion chamber for internal combustion engines. H. Rabezzana. 2,113,629; Apr. 12.  
Combustion chamber for internal combustion engines, Auxiliary. G. L. Riley. 2,118,058; May 24.  
Combustion chamber for internal combustion engines with ignition by compression. R. Colell. 2,118,341; May 24.  
Combustion chamber of internal combustion engines of the compression ignition type. H. R. Ricardo. 2,106,124; Jan. 18.  
Combustion chamber of internal combustion engines of the compression ignition type. H. R. Ricardo. 2,120,768; June 14.  
Combustion control for internal combustion engines. E. B. Nowosielski. 2,127,983; Aug. 23.  
Combustion control system. L. L. Cunningham. 2,105,686; Jan. 18.  
Combustion device. W. W. Peck. 2,118,104; May 24.  
Combustion device. R. W. Simpson. 2,139,776; Dec. 13.  
Combustion engine. C. H. T. Alston. 2,110,754; Mar. 8.  
Combustion engine. H. Rieseler. 2,139,284; Dec. 6.  
Combustion engine, Two-cycle. L. D. Harrison. 2,139,266; Dec. 6.  
Combustion, Method and apparatus for. M. Frisch. 2,118,600; May 24.  
Comestible container. E. H. Waldie. 2,117,864; May 17.  
Comestibles, Freezing and dispensing. C. A. Rodman and J. B. Tanner. 2,137,655; Nov. 22.  
Comestibles, Freezing and preserving. W. J. Finnegan. 2,129,572; Sept. 6.  
Comestibles with inert gas, Apparatus for blanketing. S. A. Hurst. 2,131,876; Oct. 4.  
Comfort. L. Pecker. 2,138,745; Nov. 29.  
Comforter and bedspread, Combination. M. Simon. 2,139,980; Dec. 13.  
Comforter quilting machine. A. Hiltbrunner. 2,139,019; Dec. 6.  
Commode. J. O. Horbets. 2,110,956; Mar. 15.  
Commodities, Packaging and dispensing fluent. M. M. Karger. 2,131,325; Sept. 27.  
Commodity accommodation and vending rack. S. N. Goldman. 2,125,557; Aug. 2.  
Commodity transporting and cooling device. A. J. Guthrie. 2,133,856; Oct. 18.  
Communicating system. J. R. MacKay. 2,115,914; May 3.  
Communicating system. S. B. Williams. 2,111,652; Mar. 22.  
Communication by television, Method and apparatus for. A. W. Vance. 2,137,039; Nov. 15.  
Communication means. R. Fisher. 2,112,456; Mar. 29.  
Communication of intelligence, System for the. W. A. Tolson. 2,130,913; Sept. 20.  
Communication system. J. C. Batchelor. 2,140,730; Dec. 20.  
Communication system. V. M. Bugge. 2,113,611; Apr. 12.  
Communication system. V. M. Bugge and J. D. Johnston. 2,111,138; Mar. 15.  
Communication system. R. W. Deardorff. 2,133,380; Oct. 18.  
Communication system. J. D. Johnston. 2,111,146; Mar. 15.  
Communication system. H. J. Nichols. 2,104,571; Jan. 4.  
Communication system. H. J. Nichols. 2,111,153; Mar. 15.  
Communication system. H. J. Nichols. 2,131,920; Oct. 4.  
Communication system. H. J. Nichols and H. L. Tholstrup. 2,129,779; Sept. 13.  
Communication system. A. R. Noll. 2,104,545; Jan. 4.  
Communication system. E. Norman. 2,120,371; June 14.  
Communication system. E. D. Phinney. 2,122,918; July 5.  
Communication system. W. P. Place. 2,117,358; May 17.  
Communication system. G. W. Watson. 2,116,649; May 10.  
Communication system, Carrier. W. H. Tidd. 2,120,994; June 21.  
Communication system for railway yards. R. R. Kemmerer. 2,115,583; Apr. 26.  
Communication system, Inter-office. J. I. Davis. 2,107,817; Feb. 8.  
Communication system, Short wave. N. E. Lindenblad. 2,131,108; Sept. 27.  
Communication system, Synchronous. H. J. Nichols. 2,104,570; Jan. 4.  
Communication system, Synchronous. H. J. Nichols and H. L. Tholstrup. 2,104,572; Jan. 4.  
Communication system, Ultra-high-frequency. H. O. Peterson. 2,127,572; Aug. 23.  
Communication systems, Apparatus for. W. P. Place. 2,131,388; Sept. 27.  
Communion set. H. C. Freetag, H. P. O'Dell, and F. W. Smith. 2,136,916; Nov. 15.  
Commutator. R. F. Carty. 2,127,549; Aug. 23.  
Commutator. C. D. Lake. 2,138,636; Nov. 29.  
Commutator. H. T. Lang and R. E. Dunbar. 2,141,307; Dec. 27.  
Commutator and making same. R. E. Dunbar. 2,141,268; Dec. 27.  
Commutator dresser. G. Schoenfeld. 2,134,151; Oct. 25.  
Commutators, Manufacturing. B. Stevens, Jr. 2,104,141; Jan. 4.  
Compact. I. Bloom. 2,118,066; May 24.  
Compact. A. P. Conant. 2,141,031; Dec. 20.  
Compact. D. H. Zell. 2,137,886; Nov. 22.  
Compact, Desk. S. Roy, Jr. 2,126,580; Aug. 9.  
Compact or the like. T. Schisgall. 2,104,104; Jan. 4.  
Compact, Tooth paste. L. L. Findley. 2,111,181; Mar. 15.  
Comparator. F. W. Kopfler. 2,114,472; Apr. 19.  
Compartment construction for luggage, Individual. J. J. Crotty and L. Roth. 2,131,583; Sept. 27.  
Compartment for refrigerator cars, Ice. C. L. Moorman. 2,136,632; Nov. 15.  
Compartment for vehicles, Fireproof storage. G. Crommey. 2,136,784; Nov. 15.  
Compartment, Locked. G. A. Park. 2,139,909; Dec. 13.  
Compass. J. H. L'A. Lund. 2,108,263; Feb. 15.  
Compass, Aircraft. K. E. Kunze and T. L. Soo-Hoo. 2,132,740; Oct. 11.  
Compass apparatus. F. A. Kormann. 2,114,054; Apr. 12.  
Compass, Automatic steering. D. Shannon. 2,114,479; Apr. 19.  
Compass controlled switch. O. Neubert, Jr. 2,118,265; May 24.  
Compass, Ellipse or circle. J. Weckert. 2,138,414; Nov. 29.  
Compass, Fluid. H. R. Ekeberg. 2,136,970; Nov. 15.  
Compass for automatic pilots. G. De Beeson. 2,116,103; May 3.  
Compass, Gyro magnetic. M. F. Bates. 2,135,229; Nov. 1.  
Compass, Gyro magnetic. J. B. Peterson. 2,135,552; Nov. 8.  
Compass, Gyromagnetic. H. Schuchardt and G. Z. von Manteuffel. 2,140,191; Dec. 13.  
Compass, Gyroscopic. W. G. Harding and R. H. Nisbet. 2,128,559; Aug. 30.  
Compass, Inductor. H. D. Oakley. 2,132,183; Oct. 4.  
Compass, Magnetic. K. Martin. 2,127,878; Aug. 23.  
Compass, Orientation. F. Winterer and K. Stadler. 2,111,829; Mar. 22.  
Compass, Steering repeater. F. S. Hodgman. 2,120,951; June 14.  
Compass, Vehicle. M. Klein, B. Willach, and W. Stader. 2,132,168; Oct. 4.  
Compasses, Follow-up system for gyro. F. L. Moseley, W. T. Cooke, and C. A. Frische. 2,139,558; Dec. 6.  
Compensating means. L. G. Tubbs. 2,128,106; Aug. 23.  
Compensation system. I. D. Applegate. 2,112,058; Mar. 22.  
Compensator, Deflection. W. F. Zimmermann. 2,113,124; Apr. 5.  
Compensator for an oscillation generator, Frequency. H. O. Peterson. 2,105,096; Jan. 11.  
Compensator for nail driving mechanism, Adjustable. H. E. Twomley. 2,135,650; Nov. 8.  
Compensator for ordnance. R. M. Cutts, Jr. 2,112,831; Apr. 5.  
Component of an alternating current or an alternating voltage, System for measuring a. W. Thal. 2,117,462; May 17.  
Composing machine. R. V. Graves and A. J. Bohman. 2,105,731; Jan. 18.  
Composite abrasive wheel. B. Sanford. 2,121,746; June 21.  
Composite article. C. F. Lauenstein and C. J. Brinkworth. 2,105,048; Jan. 11.  
Composite article. J. T. McLane. 2,133,771; Oct. 18.  
Composite articles, Making. F. H. Benge. 2,135,380; Nov. 1.  
Composite articles, Manufacture of. W. H. Moss. 2,112,249; Mar. 29.



- Composite bus-bar. R. W. Shoemaker. 2,104,824; Jan. 11.
- Composite clutch. T. B. Tyler. 2,131,201; Sept. 27.
- Composite fabric. J. T. Callahan. 2,113,718; Apr. 12.
- Composite fabric. M. J. Schiffrin. 2,115,967; May 3.
- Composite pipe. W. B. Ewing. 2,106,404; Jan. 25.
- Composite set. F. A. Cowan. 2,121,287; June 21.
- Composite set. J. R. Hyneman and R. R. Gose. 2,116,172; May 3.
- Composition. N. J. Dunbeck. 2,128,404; Aug. 30.
- Composition and making same. A. Weisenburg. 2,121,844; June 28.
- Composition and method for joining surfaces. E. C. Pitman. 2,117,209; May 10.
- Composition and method for the treatment of hydrocarbon emulsions. W. E. Elliott. 2,107,473; Feb. 8.
- Composition and method, Waterproofing. B. A. Anderton. 2,124,843; July 26.
- Composition and preparing the same, Waterproofing. J. H. Gardthausen. 2,115,017; Apr. 26.
- Composition and process for the production of fertilizers. W. H. Kniskern and C. K. Lawrence. 2,116,866; May 10.
- Composition and sheet materials coated with same, Thermoplastic pressure sensitive. A. Abrams and G. W. Forcey. 2,142,039; Dec. 27.
- Composition comprising a polyvinyl formaldehyde acetal resin, Flowable. R. H. Talbot and B. E. Gramkee. 2,129,449; Sept. 6.
- Composition containing a butyl-p-toluene sulphonamide, Cellulose organic ester. H. B. Smith. 2,132,884; Oct. 11.
- Composition for concrete or mortar, Hardening and waterproofing. E. W. Scripture, Jr. 2,127,451; Aug. 16.
- Composition for dental casting patterns. N. L. Wheeler. 2,136,404; Nov. 15.
- Composition for fruits and the like, Protective. W. H. Tisdale and A. L. Flenner. 2,128,973; Sept. 6.
- Composition for insulating wire. E. H. Converse. 2,118,838; May 31.
- Composition for treating metallic surfaces. O. V. McGrew. 2,115,425; Apr. 26.
- Composition for treating leather, lacquered surfaces, and other materials. W. Hentrich and C. A. Laina. 2,139,231; Dec. 6.
- Composition for treatment of seeds. J. R. Booer and G. Kossel. 2,104,316; Jan. 4.
- Composition for use in prevention of corrosion of metal surfaces. A. W. Burwell. 2,128,523; Aug. 30.
- Composition for waterproofing wood. J. McArthur. 2,126,123; Aug. 9.
- Composition material. A. C. Fischer. 2,106,943; Feb. 1.
- Composition of fatty matter and stabilizing same. A. S. Richardson. 2,104,242; Jan. 4.
- Composition of halogen containing rubber derivatives and lead compounds. H. A. Winkelmann. 2,115,055; Apr. 26.
- Compositions for and making suspensions. J. G. Vail and C. L. Baker. 2,133,759; Oct. 18.
- Composition of matter. A. L. Ball. 2,141,637; Dec. 27.
- Composition of matter. C. R. Haynes, W. R. Clayton, and R. V. Townend. 2,140,527; Dec. 20.
- Composition of matter. C. A. Laise. 2,107,122; Feb. 1.
- Composition of matter. H. Warp. 2,141,575; Dec. 27.
- Composition of matter and making same. M. Bafta. 2,137,794; Nov. 22.
- Composition of matter and making the same. W. J. Koenig. 2,108,893; Feb. 22.
- Composition of matter and making the same. W. J. Koenig. 2,116,072-3; May 3.
- Composition of matter and making the same. W. J. Koenig. 2,135,976; Nov. 8.
- Composition of matter and manufacturing same. C. S. Nelson. 2,114,636; Apr. 19.
- Composition of matter and method of making. E. D. Sackett. 2,121,745; June 21.
- Composition of matter and petroleum products and making same. O. M. Reiff and D. E. Badertscher. 2,114,812; Apr. 19.
- Composition of matter containing cellulose derivatives. H. Dreyfus. 2,115,708; May 3.
- Composition of matter for artificial stone. G. Pagcholan. 2,104,353; Jan. 4.
- Composition of matter, Water-resistant. G. V. Cesar. 2,111,204; Mar. 15.
- Composition of rubber and chlorinated diphenyl, Plastic. E. M. Clark and J. H. Koenig. 2,130,264; Sept. 13.
- Composition, Preparing an organic plastic. K. W. Monroe. 2,115,034; Apr. 26.
- Composition suitable for dentures and preparing same. J. H. Schmidt. 2,138,795; Nov. 29.
- Composition with a basis of rubber, to be used hot or cold, Viscous, waterproof and insulating. N. Nardelli. 2,108,387; Feb. 15.
- Compositions and articles containing plasticizable substances and new plasticizers, Manufacture of. H. Dreyfus. 2,115,710; May 3.
- Compositions and process. H. A. Bruson. 2,125,885; Aug. 9.
- Compositions containing collagen products and applications thereof. W. G. Dewsbury and A. Davies. 2,115,484; Apr. 26.
- Compositions of matter. H. S. Coith, A. S. Richardson, and V. M. Votaw. 2,132,395; Oct. 11.
- Compositions of matter. H. S. Coith, A. S. Richardson, and V. M. Votaw. 2,123,880; July 19.
- Compositions of matter. W. H. Moss. 2,105,952; Jan. 18.
- Compositions of matter. M. Mueller-Cunradi, M. Otto, W. Daniel, and R. Werner. 2,124,235; July 19.
- Compositions of matter, Hard. P. M. McKenna. 2,113,355; Apr. 5.
- Compositions of matter, Hard. P. M. McKenna. 2,123,574-6; July 12.
- Compositions of matter, Making hard. P. M. McKenna. 2,113,356; Apr. 5.
- Compositions of matter, New. W. F. Filbert. 2,115,066; Apr. 26.
- Compositions of phosphates and halogen containing rubber derivatives. H. A. Winkelmann. 2,115,054; Apr. 26.
- Compound action meter. H. L. Blum. 2,133,270; Oct. 18.
- Compound of the pyrabolanthraquinone series. G. Roesch, P. Nawiasky, and K. Saftien. 2,132,191; Oct. 4.
- Compound steam engine. H. and H. J. Lentz. 2,134,466; Oct. 25.
- Compound to revivify wood. C. H. Ostrander. 2,137,948; Nov. 22.
- Compounds and applying same, Manufacture of rubber asphaltic. G. P. Davis. 2,109,663; Mar. 1.
- Compounds and colloidal compounds, Apparatus for making emulsified. R. H. Russell. 2,115,123; Apr. 26.
- Compounds and preparing them, Aliphatic unsaturated. W. H. Carothers and G. J. Berchet. 2,136,178; Nov. 8.
- Compounds and processes for cleaning molds. C. N. McGaughey. 2,116,034; May 3.
- Compounds and the isomerization and conversion of alkyl-compounds, Alkylation of. K. Schöllkopf. 2,115,884; May 3.
- Compounds and the products thereof, Production of sulphur-containing high molecular weight. E. Ott. 2,137,584; Nov. 22.
- Compounds as extreme-pressure lubricants, Pure. E. W. Adams and G. M. McNulty. 2,110,281; Mar. 8.
- Compounds containing ether and thio ether linkages, Organic. H. A. Bruson. 2,107,366; Feb. 8.
- Compounds, containing sulphur, of alkyl or aralkyl halides and preparing them, Water-soluble addition. A. Brunner. 2,111,260; Mar. 15.
- Compounds containing the actiocholane ring, Producing unsaturated. L. Ruzicka and L. Ehmann. 2,128,622; Aug. 30.
- Compounds of azoproteins with antimony, Preparing. M. Bockmühl, W. Ludwig, and P. von Mutzenbecher. 2,128,202; Aug. 23.
- Compounds of azoproteins with heavy metals, Preparing. M. Bockmühl, W. Ludwig, and P. von Mutzenbecher. 2,128,201; Aug. 23.
- Compounds of polymerized acrylic acid or its esters with sulphur or selenium and making the same. P. Nowak. 2,105,361; Jan. 11.
- Compounds of the anthrapyridine and anthrapyrimidine series. K. Koeberle and C. Steigerwald. 2,138,381; Nov. 29.
- Compounds of the anthraquinone series. R. N. Lulek. 2,134,654; Oct. 25.
- Compounds of the azabenzanthrone, Production of. K. Koeberle and O. Schlichting. 2,115,445; Apr. 26.
- Compounds of the benzidine series, Preparation of. G. H. Richards. 2,120,811; June 14.
- Compounds of the benzofluoranthene series, New. W. Zerwek and K. Schütz. 2,109,833; Mar. 1.
- Compounds of the phenanthrene series, Producing. W. Zerwek and K. Schütz. 2,109,518; Mar. 1.
- Compounds of the pyrazolanthrone series. J. Deinet. 2,133,432; Oct. 18.
- Compounds of the 3,4,8,9-dibenzopyrene 5,10 quinone series. H. Neresheimer, R. Held, and A. Vilsmeier. 2,124,891; July 26.
- Compounds of the triarylmethane series and preparing them. P. T. Gale and W. A. Sexton. 2,110,973; Mar. 15.
- Compounds of water soluble keratin splitting products, Obtaining metal. E. Sturm and R. Fleischmann. 2,137,927; Nov. 22.
- Compounds, Production of molecular. K. Quehl. 2,116,640; May 10.
- Compress. A. E. Elliot. 2,131,502; Sept. 27.
- Compress for steel shavings. J. G. Maroney and J. I. Willifong. 2,133,939; Oct. 18.
- Compressed air motor. P. Manissaleo. 2,115,556; Apr. 26.
- Compressed air operated pump. R. W. Bryant. 2,141,427; Dec. 27.
- Compression and the ignition of internal combustion engines by means of a small illuminating tube, Method and apparatus for examining the. J. Kandyba. 2,130,828; Dec. 15.
- Compression control. B. C. Phillips. 2,134,889; Nov. 1.
- Compressor. B. R. Burke. 2,106,236; Jan. 25.
- Compressor. J. B. Greenough. 2,127,350; Aug. 23.
- Compressor. H. A. Feldbush and G. Steven. 2,138,093; Nov. 29.
- Compressor. A. D. Ferguson. 2,137,752; Nov. 22.
- Compressor. H. C. Heller. 2,143,691; Apr. 12.
- Compressor. J. Le Valley. 2,109,541; Mar. 1.
- Compressor. J. C. McCune. 2,106,488; Jan. 25.
- Compressor. C. R. Nelson. 2,137,965; Nov. 22.
- Compressor. B. V. E. Nordberg. 2,134,834; Nov. 1.



- Compressor, W. G. Pontis, W. A. Chryst, C. H. Kindl, and B. D. Kunkle. 2,117,448; May 17.
- Compressor, Air. W. P. Eppers. 2,126,247; Aug. 9.
- Compressor, Air. L. D. Harrison. 2,122,398; July 5.
- Compressor, Air. S. B. Redfield. 2,126,280; Aug. 9.
- Compressor, Air. S. B. Redfield and H. S. Lenhart. 2,126,279; Aug. 9.
- Compressor and lubricating means. R. H. Money. 2,138,664; Nov. 29.
- Compressor and similar device. W. J. Hilliard. 2,137,649; Nov. 22.
- Compressor apparatus. S. Cook and H. E. Nevins. 2,119,201; May 31.
- Compressor attachment and brake for forging machines, Air. W. Criley. 2,141,951; Dec. 27.
- Compressor control. B. S. Aikman. 2,135,248; Nov. 1.
- Compressor control. E. E. Hewitt. 2,118,403; May 24.
- Compressor control device. B. S. Aikman. 2,118,130; May 24.
- Compressor control mechanism. B. S. Aikman. 2,137,219; Nov. 22.
- Compressor control system. B. S. Aikman. 2,112,414; Mar. 29.
- Compressor cooling control. B. S. Aikman. 2,130,608; Sept. 20.
- Compressor cooling system. B. S. Aikman. 2,108,785; Feb. 22.
- Compressor, Electrically driven. G. Székely. 2,117,863; May 17.
- Compressor, exhaustor, pump, and the like, Rotary. T. W. Nichols. 2,136,117; Nov. 8.
- Compressor, Fluid. B. S. Aikman. 2,121,534; June 21.
- Compressor, Fluid. F. A. Halleck. 2,136,339; Nov. 8.
- Compressor, Long stroke horizontal type air. W. B. Hale. 2,128,937; Sept. 6.
- Compressor lubricator. B. S. Aikman. 2,128,065; Aug. 23.
- Compressor lubricator. B. S. Aikman. 2,137,220; Nov. 22.
- Compressor or other engine. O. Lutz. 2,127,126; Aug. 16.
- Compressor, Positive pressure. J. Phillips. 2,106,959; Feb. 1.
- Compressor pump, Rotary oscillating wing vane. J. S. Wentworth. 2,135,881; Nov. 8.
- Compressor, Reciprocating. W. Fourness. 2,134,782; Nov. 1.
- Compressor, Refrigerant. W. D. Drysdale. 2,110,107; Mar. 1.
- Compressor, Refrigerant. L. C. Shuholm. 2,134,958; Nov. 1.
- Compressor, Rotary. A. Lysholm and G. K. W. Boestad. 2,111,568; Mar. 22.
- Compressor, Rotary. R. C. Patteson. 2,131,453; Sept. 27.
- Compressor, Rotary. H. A. Presby. 2,129,960; Sept. 13.
- Compressor, Rotary. J. E. Wakeman. 2,128,866; Aug. 30.
- Compressor, Sachet. C. A. Young. 2,140,661; Dec. 20.
- Compressor structure. L. H. Browne. 2,117,601; May 17.
- Compressor suspension device. C. C. Farmer. 2,110,701; Mar. 8.
- Compressor system. W. Fourness. 2,105,765; Jan. 18.
- Compressor unit, Air. W. W. Paget. 2,122,656; July 5.
- Compressor unit for refrigerating apparatus, Motor. R. M. Getchell and R. K. Miller. 2,134,936; Nov. 1.
- Compressor unloader. B. S. Aikman. 2,113,637; Apr. 12.
- Compressor unloader. C. S. Baker. 2,112,875; Apr. 5.
- Compressor unloader. G. K. Newell. 2,141,069; Dec. 20.
- Compressor unloader. B. V. E. Nordberg. 2,134,835; Nov. 1.
- Compressor unloading device. P. L. Crittenden. 2,110,720; Mar. 8.
- Compressor valve. B. S. Aikman. 2,110,691; Mar. 8.
- Compressor valve control. B. S. Aikman. 2,135,247; Nov. 1.
- Compressors, Electromagnetically regulating the output of. A. Hoerbig and F. Schabetsberger. 2,132,070; Oct. 4.
- Compressors, Starting unloader for multistage. H. V. Haight. 2,112,564; Mar. 29.
- Computer, Ratio. L. M. Simpson. 2,108,146; Feb. 15.
- Computing and listing machine. T. O. Mehan. 2,114,604; Apr. 19.
- Computing apparatus. H. G. Johnstone. 2,127,644; Aug. 23.
- Computing dispensing device. E. J. Svenson. 2,125,322; Aug. 2.
- Computing machine. W. A. Anderson. 2,131,361; Sept. 27.
- Concentrates from vegetables, fruits, or berries, and their manufacture. D. L. Johnson. 2,115,815; May 3.
- Concentrates, ores, or the like, Sintering of. A. Holmberg. 2,137,049; Nov. 15.
- Concentrating method. H. F. Smith. 2,126,928; Aug. 16.
- Concentration. C. E. Wuensch. 2,113,609; Apr. 12.
- Concentration. C. E. Wuensch. 2,135,957; Nov. 8.
- Concentration method. R. G. Osborne. 2,136,726; Nov. 15.
- Concentration testing apparatus and method. S. L. Christie. 2,122,363; June 28.
- Concentration testing system and method, Compensated. S. L. Christie. 2,122,364; June 28.
- Concentrator. W. S. Bowen. 2,118,803; May 31.
- Concentrator. A. C. Munro. 2,106,155; Jan. 25.
- Concentrator, Dry. H. E. Fiscoel. 2,139,944; Dec. 13.
- Concentrator, Dry. J. Ross. 2,129,874; Sept. 13.
- Concentrator, Dry. J. G. Wilson. 2,116,815; May 10.
- Concrete and hydraulic cement. J. G. Mark. 2,141,570; Dec. 27.
- Concrete and hydraulic cement. G. R. Tucker. 2,141,569; Dec. 27.
- Concrete and producing the same, Expanded. N. V. Hybinette. 2,120,468; June 14.
- Concrete and the like, Apparatus for compacting. R. A. Niekamp. 2,116,708; May 10.
- Concrete and the like, Apparatus for mixing. C. F. Ball. 2,131,682; Sept. 27.
- Concrete and the like, Apparatus for mixing. C. F. Ball. 2,135,436; Nov. 1.
- Concrete, Apparatus for producing cellular. J. A. Rice. 2,123,804; July 12.
- Concrete articles, Apparatus for making. A. Henderson. 2,131,474; Sept. 27.
- Concrete building construction. S. Gurber. 2,115,949; May 3.
- Concrete building material. R. S. Cade. 2,126,309; Aug. 9.
- Concrete composition. J. Draugells. 2,104,477; Jan. 4.
- Concrete construction. L. H. Thomas. 2,111,577; Mar. 22.
- Concrete constructions, System for. G. I. Rerick. 2,122,181; June 28.
- Concrete insert. A. E. Davis. 2,133,134; Oct. 11.
- Concrete key strip support. J. F. Barton. 2,114,328; Apr. 19.
- Concrete land packer, Reinforced. O. H. Grundeman. 2,114,140; Apr. 12.
- Concrete masses, Preventing the formation of continuous voids in. T. C. Schenk. 2,107,130; Feb. 1.
- Concrete mix, Apparatus for treating and laying. A. W. French. 2,111,261; Mar. 15.
- Concrete-mixing apparatus. B. F. Devine and C. F. Ball. 2,135,439; Nov. 1.
- Concrete mixing machine. J. R. Williams. 2,119,144; May 31.
- Concrete mixtures to pumps, etc., Apparatus for feeding. C. F. Ball. 2,116,473; May 3.
- Concrete or cement structure. L. G. Copeman. 2,112,452; Mar. 29.
- Concrete patch, Reinforcing. L. S. Wertz. 2,128,480; Aug. 30.
- Concrete paver. A. E. Lundbye. 2,117,184; May 10.
- Concrete, Process and apparatus for laying. W. W. Schumacher. 2,109,851; Mar. 1.
- Concrete, Producing colored. F. H. Amon. Re. 20,776; July 5.
- Concrete, Producing plastic. A. W. French. 2,134,361; Oct. 25.
- Concrete pump. C. F. Ball. 2,131,681; Sept. 27.
- Concrete road-making machine. K. Winkler. 2,116,816; May 10.
- Concrete slab structure. J. W. Wolcott. 2,126,301; Aug. 9.
- Concrete structure. J. A. Stromberg. 2,137,009; Nov. 15.
- Concrete structures, Apparatus for making. W. F. Piper. 2,119,648; June 7.
- Concrete working machine. C. Jackson. 2,141,301; Dec. 27.
- Condensate disposal means for air conditioning apparatus. A. Welland. 2,134,349; Oct. 25.
- Condensate entraining means. J. R. Zwickl. 2,111,133; Mar. 15.
- Condensation collector. H. J. Krackowizer. 2,133,354; Oct. 18.
- Condensation composition and preparing same. K. H. Hoover. 2,133,702; Oct. 18.
- Condensation process. W. Mitchell. 2,136,217; Nov. 8.
- Condensation product and method of producing. C. Maters. 2,115,496; Apr. 26.
- Condensation products. G. Balle. 2,131,249; Sept. 27.
- Condensation products. W. Bauer. 2,132,671; Oct. 11.
- Condensation products and producing same. H. Honel. 2,112,022; Mar. 22.
- Condensation products and producing same, Nitrogenous. K. Koerberle. 2,137,295; Nov. 22.
- Condensation products and producing same, Water-soluble. R. Alles. 2,122,124-5; June 28.
- Condensation products of acetylenic compounds. H. B. Dykstra. 2,119,531; June 7.
- Condensation products of an alkali metal salt of toluene-sulphonamide with formaldehyde. H. Hahn and K. Memminger. 2,130,342; Sept. 20.
- Condensation products of dicarboxylic acid anhydrides, Manufacture of. J. Binapf. 2,121,183; June 21.
- Condensation products of high molecular albuminous split products. W. Gellendien. 2,127,841; Aug. 23.
- Condensation products of methylol compounds of urea, Producing. K. Eisenmann and H. Scheuermann. 2,108,113; Feb. 15.
- Condensation products of the anthraquinone series. H. Scheyer and E. Schwamberger. 2,108,413; Feb. 15.
- Condensation products of the anthraquinone series, Producing. H. Scheyer and E. Schwamberger. 2,124,237; July 19.
- Condensation products of the diphenyl-amine series. W. Zerweck, N. Steiger, and H. Ritter. 2,119,123; May 31.



Condensation products, Production of new high molecular sulphur-containing. H. Schuette, C. Schoeller and M. Wittwer. 2,129,709; Sept. 13.

Condenser: See—

Air cooled condenser. Electrostatic condenser.  
Air-cooled surface. Evaporative condenser.  
condenser. Fluid surface condenser.  
Barometric condenser. Mica condenser.  
Cotton-gin condenser. Relief condenser.  
Electric condenser. Surface condenser.  
Electrical condenser. Vapor condenser.  
Electrolytic condenser. Variable condenser.  
Condenser. W. Dubilier. 2,127,352; Aug. 16.  
Condenser. A. W. Franklin. 2,109,266; Feb. 22.  
Condenser. F. Gettelman. 2,109,064; Feb. 22.  
Condenser. F. J. Given. 2,129,000; Sept. 6.  
Condenser. J. A. Kater. 2,129,008; Sept. 6.  
Condenser. L. G. Ketcham. 2,119,107; May 31.  
Condenser and mounting therefor. R. U. Clark. 2,140,442; Dec. 13.  
Condenser and stabilizer, Vapor-feed. P. Ostergaard. 2,134,836; Nov. 1.  
Condenser apparatus. I. Short and H. C. Brown. 2,119,688; June 7.  
Condenser arrangement, Elastic fluid. K. Schmer. 2,120,909; June 14.  
Condenser body and making the same, Electrolytic. H. I. Danziger and A. Di Giacomo. 2,107,780; Feb. 8.  
Condenser construction. F. S. Smith. 2,107,132; Feb. 1.  
Condenser construction, Electric. B. G. Olving. 2,107,423; Feb. 8.  
Condenser device for refrigerators. R. H. Money. 2,105,751; Jan. 18.  
Condenser potting composition. R. P. Lutz. 2,105,087; Jan. 11.  
Condenser relaxation circuit. O. S. Puckle. 2,114,938; Apr. 19.  
Condenser scoop apparatus. H. F. Schmidt. 2,106,961; Feb. 1.  
Condenser structure. A. E. Perret. 2,112,815; Mar. 29.  
Condenser system for nappers, Return air. H. W. Knowlton. 2,128,366; Aug. 30.  
Condenser system for railway cars. J. G. Bergdoll. 2,121,115; June 21.  
Condenser temperature compensation means. M. V. Weiss. 2,140,039; Dec. 13.  
Condenser tester. B. Baumzweiger. 2,121,725; June 21.  
Condenser unit. E. E. Allyne and W. J. Guzik. 2,108,360; Feb. 15.  
Condensers, Impregnating electric. W. F. Arnold. 2,125,413; Aug. 2.  
Condensers, Manufacture of electrostatic. H. Sträb, K. Reger, and W. Dorn. 2,138,892; Dec. 6.  
Condensing method and apparatus. J. H. Erter. 2,121,218; June 21.  
Condiment dispenser. R. Scharinger. 2,136,805; Nov. 15.  
Condiment dispenser. E. G. Skoda. 2,139,289; Dec. 6.  
Condiment holder. L. Heebner. 2,130,275; Sept. 13.  
Condiment holder. N. J. Patts. 2,121,711; June 21.  
Condiment holder. A. E. Zimmerman. 2,107,228; Feb. 1.  
Condiment receptacle. J. Woo. 2,121,516; June 21.  
Condiment, Smoke flavoring. S. E. Colgin. 2,129,047; Sept. 6.  
Condimentation products, Making. W. J. Stange. 2,134,380; Oct. 25.  
Condition controlling apparatus. A. J. Loepsinger. 2,128,096; Aug. 23.  
Conditioner for passenger vehicles, Spray type. S. M. Anderson. 2,104,475; Jan. 4.  
Conditioning apparatus. S. H. Downs and R. A. Wasson. 2,119,555; Apr. 5.  
Conditions or operations, Controlling. R. R. Chappell, D. McCormack, and R. J. Streb. 2,106,083; Jan. 18.  
Conductor and filaments therefor containing organic derivative of cellulose. W. Whitehead. 2,126,850; Aug. 16.  
Conductor, Armored. G. Carlson. 2,120,088; June 7.  
Conductor clamp. F. G. Bovard. 2,135,320; Nov. 1.  
Conductor clamping means. W. G. Fotsch. 2,131,171; Sept. 27.  
Conductor covering, method and compound for treatment thereof. J. W. Olson. 2,125,836; Aug. 2.  
Conductor, Electrical. T. S. Johnson. 2,115,777; May 3.  
Conductor, Electrical. W. M. Scott, Jr. 2,138,617; Nov. 29.  
Conductor fitting. W. W. Baird. 2,122,051; June 28.  
Conductor for radio frequency currents. H. O. Roosenstein. 2,122,893; July 5.  
Conductor, High frequency. F. Klimmer. 2,116,268; May 3.  
Conductor inserting machine. G. W. Elsey, L. E. Mumma and B. J. Voster. 2,121,655; June 21.  
Conductor, Metal covered fluid. F. S. Hudson. 2,116,800; May 10.  
Conductor, Multi-core high frequency. F. Unterbusch and E. Bodemann. 2,118,907; May 31.  
Conductor outlet, Electrical. G. Gort. 2,130,547; Nov. 15.  
Conductor, Stranded. H. W. Dudley. 2,107,177; Feb. 1.  
Conductor support. J. J. Taylor. 2,135,360; Nov. 1.  
Conductor support, Insulated. L. A. Meisner. 2,110,607; Mar. 8.  
Conductor terminal cap, Electrical. E. Martin. 2,115,642; Apr. 26.

Conductor with air space insulation. F. Klimmer. 2,116,267; May 3.  
Conductors in cables, System and method for identification of. D. Fisher and G. B. Parker. 2,133,384; Oct. 18.  
Conductors, Insulating. L. McCulloch. 2,106,850; Feb. 1.  
Conductors into vitreous envelopes, Sealing electrical. H. P. Barasch. 2,138,224; Nov. 29.  
Conductors, Method of and machine for making hollow. W. Lowe. 2,136,388; Nov. 15.  
Conduit. C. Gottwald. 2,133,731; Oct. 18.  
Conduit, Air. W. J. Barman. 2,108,159; Feb. 15.  
Conduit casing cutting tool. L. F. Nordling. 2,139,093; Dec. 6.  
Conduit cleaning tool. E. M. Johnson. 2,115,266; Apr. 26.  
Conduit connector. C. W. Barnard. 2,124,942; July 26.  
Conduit connection. P. O. Hecht. 2,111,243; Nov. 15.  
Conduit construction, Method and apparatus for. C. W. Abbott. 2,137,887; Nov. 22.  
Conduit distribution system, Bus bar. W. C. Anderson and E. T. Carlson. 2,124,269; July 19.  
Conduit, Flexible. G. A. Gleason. 2,126,955; Aug. 16.  
Conduit, Flexible. E. Witzennann. 2,136,770; Nov. 15.  
Conduit, Fluid. M. L. Eckman. 2,134,110; Oct. 25.  
Conduit for refrigerant systems. M. A. Martin. 2,126,687; Aug. 9.  
Conduit for steam condensate. G. F. Gerds. 2,122,642; July 5.  
Conduit, Manufacture of flexible. G. A. Gleason. 2,104,121; Jan. 4.  
Conduit, Oil. T. C. Pittman. 2,134,004; Oct. 25.  
Conduit rod. A. R. Askue. 2,135,487; Nov. 8.  
Conduit, Utility. A. Corbett. 2,136,583; Nov. 15.  
Conduit, Vacuum cleaner. B. A. Baxter. 2,122,633; July 5.  
Conduits, Apparatus for cleansing. S. Uroukoff. 2,134,493; Oct. 25.  
Conduits, Installing drainage. A. J. Parrish. 2,136,152; Nov. 8.  
Cone valve, Automatic. T. Gannestad. 2,123,039; July 5.  
Cone winding machine. E. Tonelli. 2,131,604; Sept. 27.  
Confection. J. B. Friedman. 2,135,808; Nov. 8.  
Confection. E. A. O'Brien. 2,132,966; Oct. 11.  
Confection and making same, Frozen. A. London. 2,139,836; Dec. 13.  
Confection, coating compound therefor, and making coating compound, Frozen. O. C. Stanger and A. Thompson. 2,133,586; Oct. 18.  
Confection machine. W. J. Taylor. 2,127,850; Aug. 23.  
Confection, Wrapped frozen. N. M. Thomas. 2,108,418; Feb. 15.  
Confectionery products, Apparatus for molding. N. M. Thomas and W. J. Taylor. 2,123,836; July 12.  
Confectionery products, Method of and apparatus for harvesting frozen. R. F. Eddy. 2,109,822; Mar. 1.  
Confections and the like, Filling soft center. H. Thürlings. 2,120,820; June 14.  
Confections, Apparatus for harvesting frozen. R. F. Eddy. 2,113,581; Apr. 12.  
Confections, Forming, refrigerating, and harvesting frozen. N. M. Thomas and E. W. Kronbach. 2,111,498; Mar. 15.  
Confections, Making frozen. F. T. Krein. 2,106,803; Feb. 1.  
Confections, Making stick supported. S. Decker. 2,113,575; Apr. 12.  
Confections, Molding multiflavored frozen. N. M. Thomas. 2,123,215; July 12.  
Confections on wafers, Mechanism for depositing. J. Brandt. 2,115,799; May 3.  
Conical paper cup. F. T. Krein and T. H. Alfreds. 2,129,498; Sept. 6.  
Conical surfaces, Lapping. G. F. Johnson. 2,139,806; Dec. 13.  
Connect and disconnect machine, Safety pull rod. L. J. McKinney and C. W. Jensen. 2,130,452; Nov. 15.  
Connector: See—  
Battery connector. Mop connector.  
Battery-post connector. Piling connector.  
Battery terminal connector. Pipe connector.  
Belt connector. Rod connector.  
Broom connector. Sealed connector.  
Cable connector. Separable electrical connector.  
Chain connector. Service connector.  
Conduit connector. Solderless connector.  
Detachable connector. Swivel connector.  
Electric connector. Straight line connector.  
Electrical cable connector. Train pipe connector.  
Electrical connector. Tubular connector.  
Flanged plate timber connector. Unit connector.  
Flexible connector. Wire connector.  
Connector. A. A. Berndt. 2,105,178; Jan. 11.  
Connector. L. E. Brown. 2,131,170; Oct. 25.  
Connector. R. H. Cope. 2,106,724; Feb. 1.  
Connector. F. W. Frey. 2,117,308; May 17.  
Connector. T. C. Green. 2,118,070; May 24.  
Connector. C. J. Lemont. 2,112,500; Mar. 29.  
Connector and applying same. C. P. Neils. 2,109,517; Mar. 1.  
Connector device, Multiple circuit. C. Neesen. 2,124,207; July 19.



- Connector end cap. A. C. Lusher. 2,128,832; Aug. 30.  
 Connector for adjustable apparel belt chain ends. W. Forstner. 2,135,616; Nov. 8.  
 Connector for an electricity and fluid conductor. W. H. Martin. 2,111,027; Mar. 15.  
 Connector for drain tiles. J. C. Ullman. 2,116,165; May 3.  
 Connector for electrical conduits. J. M. G. Fullman. Re. 20,873; Oct. 4.  
 Connector for handle straps. D. I. Reiter. 2,140,333; Dec. 13.  
 Connector for outlet boxes, Cable. M. J. Connors. 2,128,040; Aug. 23.  
 Connector for pressure lines. H. A. Flader. 2,135,889; Nov. 8.  
 Connector for taps, pipes and the like. E. Aghnides. Re. 20,706; Apr. 26.  
 Connector means, Separable. H. Bleibtreu. 2,137,011; Nov. 15.  
 Connector plug. H. W. Chaplin. 2,108,916; Feb. 22.  
 Connector plug, Electrical. S. M. Del Camp. 2,121,521; June 21.  
 Connector strip and frost shield using the same. C. F. Walz. 2,111,343; Mar. 15.  
 Connectors, Making electrical. H. J. L. Frank and J. A. Messing. 2,126,183; Aug. 9.  
 Connectors, Manufacturing electric. J. Hansen. 2,123,041; July 5.  
 Connecting device. C. A. Fox. 2,140,904; Dec. 20.  
 Connecting device. A. L. Keltner. 2,123,783; July 12.  
 Connecting device. D. E. Olshesky. 2,125,396; Aug. 2.  
 Connecting device for electrical conductors. A. J. Hixon. 2,139,125; Dec. 6.  
 Connecting means. H. A. Douglas. 2,115,010-2; Apr. 26.  
 Connecting means for ophthalmic mountings, Forming. N. M. Baker. 2,104,503; Jan. 4.  
 Connecting means, particularly for double windows. F. Steiner. 2,114,508; Apr. 19.  
 Connecting pin. E. M. Summerhays. 2,140,820; Dec. 20.  
 Connecting rod. J. Bugatti. 2,120,016; June 7.  
 Connecting rod, Adjustable stroke and shock absorbing. G. A. Anderson. 2,134,995; Nov. 1.  
 Connecting rod, Geared. P. G. Wellenkemp. 2,104,599; Jan. 4.  
 Connection, Adjustable drain. E. M. Rieger and M. A. Zurn. 2,121,984; June 28.  
 Connection and forming same, Low drag, corrosion resisting. N. A. Dralm. 2,114,289; Apr. 19.  
 Connection between two edges of textile material. E. D. Kattermann. 2,122,526; July 5.  
 Connection, Combination bumper guard and draft. H. J. Struhs. 2,130,108; Sept. 13.  
 Connection device for loudspeakers. O. Weiss. 2,109,602; Mar. 1.  
 Connection, Drive. A. Kuhns. 2,133,102; Oct. 11.  
 Connection, Electric. W. J. Clements. 2,131,165; Sept. 27.  
 Connection, Electric plug. L. A. Brodhecker. 2,131,884; Oct. 4.  
 Connection, Electrical plug. L. Walter. 2,121,063; June 21.  
 Connection, Flexible conduit. I. Cowles. 2,121,624; June 21.  
 Connection for door closers. C. N. Mitchell. 2,110,889; Mar. 15.  
 Connection for electrical devices, Terminal. K. F. Rodgers. 2,137,809; Nov. 22.  
 Connection for endless chain mechanism. F. M. Blanchard. 2,134,222; Oct. 25.  
 Connection for gun carriages, Trail and drawbar. O. L. Beardsley. 2,115,002; Apr. 26.  
 Connection for heat-insulated containers, Draw-off. C. W. Davis. 2,117,276; May 17.  
 Connection for low tension working pressure or vacuum, Elastic pipe. J. Brand. 2,112,266; Mar. 29.  
 Connection for mowing machines, Drive. L. E. Gollnick. 2,130,795; Sept. 20.  
 Connection for pipe joints and making same, Coupling. A. H. Goepel and P. F. Donahue. 2,131,509; Sept. 27.  
 Connection for rotating and rotated members, Self-affixing and self-tightening. W. S. Leffler. 2,119,334; May 31.  
 Connection for straps, chains, or the like. F. Steigenberger. 2,124,276; July 19.  
 Connection for tool heads and operating handles, Adjustable. E. F. Schumacher. 2,112,349; Mar. 29.  
 Connection for trailers, Draft. W. H. Payne. 2,131,068; Sept. 27.  
 Connection for wheel suspension or the like, Adjustable. J. W. Leighton. 2,123,089; July 5.  
 Connection, Generator demagnetizing. W. F. Eames. 2,140,353; Dec. 13.  
 Connection, Ground. C. F. Newpher. 2,111,799; Mar. 22.  
 Connection, Hinged. F. H. Lamb. 2,115,994; May 3.  
 Connection, Hydraulic brake. C. H. Hinckley. 2,111,930; Mar. 22.  
 Connection, Parallel multianode transformer. E. V. De Blieux. 2,107,934; Feb. 8.  
 Connection, Piano key. A. H. Morse. 2,119,598; June 7.  
 Connection, Pipe. F. Schmidt. 2,128,706; Aug. 16.  
 Connection, Radio shielding spark plug. R. H. Stone. 2,114,750; Apr. 19.  
 Connection, Resilient. A. P. Armington. Re. 20,837; Aug. 30.  
 Connection, Resilient. F. Schmidt. 2,126,703-4; Aug. 16.  
 Connection, Resilient brake. G. B. Dorey. 2,106,343; Jan. 25.  
 Connection, Separable electric. B. E. Kunkle. 2,118,562; May 24.  
 Connection, Separable hinge. E. L. Harmon. 2,131,802; Oct. 4.  
 Connection, Socket. G. G. Brown. 2,122,244; June 28.  
 Connection, Swivel electrical. A. E. Caldwell. 2,134,355; Oct. 25.  
 Connection system for primary windings of transformers for use in commutator type converters. S. Kuroda. 2,138,548; Nov. 29.  
 Connection system for television receivers, Receiving. K. Schlesinger. 2,137,354; Nov. 22.  
 Connection, Threadless tube. P. Feldhoff. 2,125,552; Aug. 2.  
 Connection, Tubular. G. W. Watts. 2,109,915; Mar. 1.  
 Connection, Unitary flush valve. J. J. Goodrie. 2,134,182; Oct. 25.  
 Connection, Water. G. H. Fuehrer. 2,139,226; Dec. 6.  
 Connection, Windshield wiper. J. B. Whitted. 2,125,478; Aug. 2.  
 Connections, Making threaded. N. Roach. 2,107,802; Feb. 8.  
 Connections of ice cubes, Mechanism for breaking the frozen. H. B. Rudd. 2,110,511; Mar. 8.  
 Connector. W. H. Barlow. 2,128,112; Aug. 23.  
 Consistency tester. O. T. Bloom. 2,119,699; June 7.  
 Constituents of automobile tires and the like, Salvaging. A. B. Buxbaum. 2,136,099; Nov. 8.  
 Constituents of biologically valuable starting materials, Separating. M. G. Sevag. 2,118,117; May 24.  
 Constituents of mineral oils, Separating. E. M. Dons, O. G. Mauro, and D. B. Mapes. 2,122,457; July 5.  
 Constituents of polyhalite, Breaking down and utilizing the. R. K. Bailey. 2,138,827; Dec. 6.  
 Construction block. A. B. Dow and R. Goodall. 2,104,585; Jan. 4.  
 Construction for devices made of flexible transparent material. L. V. Smith. 2,125,523; Aug. 2.  
 Construction material. G. A. Hoggatt. 2,110,729; Mar. 8.  
 Construction members, Composite. G. F. Kotrbaty. 2,106,179; Jan. 25.  
 Construction unit. L. W. Eilertsen. 2,107,240; Feb. 1.  
 Constructional element. K. W. Mauser. 2,140,709; Dec. 20.  
 Constructional products. A. C. Fischer. 2,115,687; Apr. 26.  
 Contact. C. Peterson. 2,141,113; Dec. 20.  
 Contact assembly. L. O. Parker. 2,133,472; Oct. 18.  
 Contact device for clocks driven by electric motors. F. Schneider. 2,128,563; Aug. 30.  
 Contact device for electric master clocks. F. Schneider. 2,117,507; May 17.  
 Contact device, Multiple mercury. W. Bartsch. 2,136,874; Nov. 15.  
 Contact element. C. B. Gwyn, Jr. 2,138,599; Nov. 29.  
 Contact for electrical apparatus. R. Wilkins. 2,106,332; Jan. 25.  
 Contact means. W. O. Hampton and A. E. Nessler. 2,132,685; Oct. 11.  
 Contact member, Electrical. J. V. Domaleski. 2,120,396; June 14.  
 Contact member for electrical connections. C. H. Reynolds. 2,125,816; Aug. 2.  
 Contact plug. N. Olshansky. 2,136,057; Nov. 8.  
 Contact plug, Electric. C. L. Hile. 2,137,162; Nov. 15.  
 Contact set. W. H. Frank and L. E. Fisher. 2,139,074; Dec. 6.  
 Contact spring. L. Johnston. 2,120,980; June 21.  
 Contact, Tumbler. H. Junghans. 2,127,869; Aug. 23.  
 Contactless regulator. C. E. Valentine and V. E. Thornburg. 2,137,068; Nov. 15.  
 Contactor element. F. R. Hensel. 2,124,974; July 26.  
 Contactor, Resistance. H. F. Fruth. 2,135,809; Nov. 8.  
 Container: See—  
 Ammunition container. Lipstick container.  
 Ball container. Liquid container.  
 Battery container. Lock-top container.  
 Bed pan container. Mailing container.  
 Beverage container. Medicine dosage container.  
 Box container. Merchandise container.  
 Boxed and can container. Metal container.  
 Cellulosic container. Milk bottle container.  
 Closable container. Oil container.  
 Coffee container. Open-face container.  
 Collapsible container. Opening container.  
 Comestible container. Package container.  
 Cosmetic container. Packaging container.  
 Dispensing container. Paper and analogous material container.  
 Display container. Paper container.  
 Edible container. Pencil head container.  
 Egg container. Plant container.  
 Extrusion container. Poison container.  
 Film container. Portable container.  
 Fluid container. Pouring spout container.  
 Foldable container. Powder container.  
 Freezing container. Powder or rouge blending and holding container.  
 Freight container. Railway container.  
 Glass container. Rayon cone container.  
 Hermetically sealed container. Refrigerator container.  
 Indicator container. Roll tape container.  
 Key container.



- Container. See—  
 Roof container. Thin metal container.  
 Sealed container. Tooth powder container.  
 Sealing container. Tooth powder dispensing container.  
 Self-locking container. Transparent container.  
 Set-up container. Tube container.  
 Sheet metal container. Vacuum sealed container.  
 Shipping container. Waterproof container.  
 Sifting and measuring container.  
 Tack container.
- Container. C. J. Alfred. 2,113,927; Apr. 12.  
 Container. O. B. Andrews. 2,124,409; July 19.  
 Container. J. E. Annen and A. L. Sherwood. 2,130,576; Sept. 20.  
 Container. C. A. Arnesen. 2,104,005; Jan. 4.  
 Container. C. J. Balin. 2,133,736; Oct. 18.  
 Container. C. Barbieri. 2,132,597; Oct. 11.  
 Container. A. B. Bechaud. 2,139,792; Dec. 13.  
 Container. D. Belcher. 2,128,904; Sept. 6.  
 Container. R. P. Bemiss. 2,130,445; Sept. 20.  
 Container. R. B. Bennett. 2,111,382; Mar. 15.  
 Container. H. A. Berger. 2,113,288; Apr. 5.  
 Container. J. Biderman. 2,134,427; Oct. 25.  
 Container. S. Birkland. 2,139,660; Dec. 13.  
 Container. H. C. Boardman. 2,119,518; June 7.  
 Container. W. A. Brandt. 2,139,326; Dec. 6.  
 Container. F. Bresee, Jr. 2,113,824; Apr. 12.  
 Container. J. D. Brophy. 2,109,100; Feb. 22.  
 Container. B. W. Brown. 2,111,338; Mar. 22.  
 Container. B. W. Brown. 2,129,462; Sept. 6.  
 Container. C. Butty. 2,133,185; Oct. 11.  
 Container. G. O. Conner. 2,120,487; June 14.  
 Container. G. O. Conner. 2,121,953; June 28.  
 Container. A. P. Costa and J. Costa, Jr. 2,112,143; Mar. 22.  
 Container. M. M. Cunningham. 2,105,313; Jan. 11.  
 Container. C. W. Dann, Jr. 2,115,802; May 3.  
 Container. H. M. Dillhoefer. 2,133,852; Oct. 18.  
 Container. W. S. Dirker. 2,108,045; Feb. 15.  
 Container. C. Doppelt. 2,123,454; July 12.  
 Container. H. N. Falk. 2,108,583; Feb. 15.  
 Container. I. Florman. 2,117,157; May 10.  
 Container. H. L. Freund and W. L. R. Menges. 2,116,567; May 10.  
 Container. E. C. Furrer. 2,123,723; July 12.  
 Container. J. W. Gallo. 2,125,629; Aug. 2.  
 Container. J. Golisano. 2,125,716; Aug. 2.  
 Container. C. L. Graber. 2,104,031; Jan. 4.  
 Container. M. Graft. 2,112,439; Mar. 29.  
 Container. H. G. Grant. 2,106,425; Jan. 25.  
 Container. F. E. Guntrip. 2,135,503; Nov. 8.  
 Container. C. D. Havemeyer. 2,106,405; Jan. 25.  
 Container. S. A. Heifetz. 2,140,996; Dec. 20.  
 Container. D. Henderson. 2,129,839; Sept. 13.  
 Container. C. G. Hilgenberg. 2,126,465; Aug. 9.  
 Container. H. S. Hinkle. 2,137,614; Nov. 22.  
 Container. A. Hinze. 2,138,699; Nov. 29.  
 Container. G. K. Hoff, 3d. 2,138,700; Nov. 29.  
 Container. J. C. Hoffman. 2,136,795; Nov. 15.  
 Container. J. M. Hothersall. 2,108,063; Feb. 15.  
 Container. J. M. Hothersall. 2,117,324; May 17.  
 Container. J. M. Hothersall. 2,141,184; Dec. 27.  
 Container. E. W. Kahn. 2,123,731; July 12.  
 Container. J. C. Karnes and G. J. Kessenich. 2,106,748; Feb. 1.  
 Container. G. M. Kincade, Jr. 2,114,052; Apr. 12.  
 Container. C. Van H. King, Jr. 2,108,600; Feb. 15.  
 Container. A. Klein. 2,124,036; July 19.  
 Container. R. W. Krout. 2,119,789; June 7.  
 Container. W. F. Leonhart. 2,120,592; June 14.  
 Container. M. P. Link. 2,111,566; Mar. 22.  
 Container. R. E. Lowey. 2,122,885; July 5.  
 Container. J. T. McCrosson. 2,115,340; Apr. 26.  
 Container. F. D. McGowan. 2,106,122; Jan. 18.  
 Container. A. J. Meier. 2,125,354; Aug. 2.  
 Container. F. Meyer. 2,111,985; Mar. 22.  
 Container. M. C. Mever. 2,130,773; Sept. 20.  
 Container. H. J. Miller. 2,128,953; Sept. 6.  
 Container. G. A. Moore. 2,120,358; June 14.  
 Container. G. A. Moore. 2,120,901; June 14.  
 Container. G. A. Moore. 2,120,905; June 14.  
 Container. P. Nadelson. Re. 20,920; Nov. 15.  
 Container. C. H. Nelson. 2,140,542; Dec. 20.  
 Container. H. M. Nicholls. 2,128,959; Sept. 6.  
 Container. A. Ouellette. 2,105,953; Jan. 18.  
 Container. J. E. Page. 2,115,745; May 3.  
 Container. E. W. Peterson. 2,138,708; Nov. 29.  
 Container. M. C. Regan. 2,116,041; May 3.  
 Container. D. Roberts and F. W. Peel. 2,114,686; Apr. 19.  
 Container. C. H. Rollason. 2,113,059; Apr. 5.  
 Container. H. Schell. 2,110,097; Mar. 1.  
 Container. W. H. St. Thomas and O. D. Weydener. 2,119,122; May 31.  
 Container. G. R. Sharpe. 2,105,057; Jan. 11.  
 Container. S. Smith. 2,129,793; Sept. 13.  
 Container. B. F. M. Spedel. 2,112,231; Mar. 29.  
 Container. H. J. Thielker. 2,118,953; May 31.  
 Container. L. P. Toscano. 2,114,823; Apr. 19.  
 Container. H. G. Vaughn. 2,121,842; June 28.  
 Container. C. T. Walter. 2,140,177; Dec. 13.  
 Container. J. R. Watkins. 2,141,497; Dec. 27.  
 Container. B. B. Whitehead. 2,134,964; Nov. 1.  
 Container. I. L. Wilcox. 2,110,615; Mar. 8.
- Container. I. L. Wilcox. 2,113,715; Apr. 12.  
 Container. I. L. Wilcox. 2,126,159; Aug. 9.  
 Container. I. L. Wilcox. 2,134,166; Oct. 25.  
 Container. B. M. Williams. 2,124,326; July 19.  
 Container. B. M. Williams. 2,132,666; Oct. 11.  
 Container. F. H. Williams. 2,141,499; Dec. 27.  
 Container. C. H. Williamson. 2,118,874; May 31.  
 Container. A. B. Wilson. 2,113,417; Apr. 5.  
 Container. L. Wolff. 2,110,617; Mar. 8.  
 Container. P. Zalkind. 2,118,011; May 17.  
 Container. P. Zalkind. 2,128,341-2; Aug. 30.  
 Container and arrangement for Braun tubes. K. Schlesinger. 2,114,612; Apr. 18.  
 Container and assorter. Coin. E. G. Buckner. 2,119,773; June 7.  
 Container and closing cap therefor. J. N. Jones. 2,135,752; Nov. 8.  
 Container and closure therefor. J. E. Annen. 2,109,716; Mar. 1.  
 Container and closure therefor. R. Bernhardt. 2,120,170; June 7.  
 Container and closure therefor. H. Carew. 2,121,394; June 21.  
 Container and closure therefor. J. J. Sybenga. 2,110,406; Mar. 8.  
 Container and collapsing device, Collapsing. N. N. Wiswell. 2,139,143; Dec. 6.  
 Container and cover therefor, Paper. K. Clark. 2,118,591; May 24.  
 Container and dispensing device therefor. G. O. Conner. 2,138,060; Nov. 29.  
 Container and easel for display devices, Combined shipping. R. Wood. 2,115,293; Apr. 26.  
 Container and fastener for the same, Radio. A. W. Kimbell. 2,121,524; June 21.  
 Container and making the same. D. Cordiano and A. Hirshman. 2,131,343; Sept. 27.  
 Container and holder, Display. J. Guttman. 2,118,507; May 24.  
 Container and making same. J. Gutmann. 2,104,322; Jan. 4.  
 Container and making same. C. T. Walter. 2,119,730; June 7.  
 Container and making same. I. H. Weber. 2,110,782; Mar. 8.  
 Container and making the same. A. O. Daller. 2,112,523; Mar. 29.  
 Container and making the same. H. G. Grant. 2,106,426; Jan. 25.  
 Container and making the same. G. A. Moore. 2,120,904; June 14.  
 Container and making the same, Fiber. G. A. Moore. 2,120,900; June 14.  
 Container and making the same from foil. P. Schlumbohm. 2,125,620; Aug. 2.  
 Container and making the same, Sheet metal. J. Worthington. 2,111,656; Mar. 22.  
 Container and manufacture thereof. G. O. Conner. 2,114,137; Apr. 12.  
 Container and method of making. R. I. Rhodes. 2,131,389; Sept. 27.  
 Container and separator, Combined milk and cream. J. B. Neal. 2,126,655; Aug. 9.  
 Container and stand, Article. W. Ehrlich. 2,133,607; Oct. 18.  
 Container and toy, Combined merchandising. W. A. Ringler. 2,118,821; May 31.  
 Container and wiper therefor. F. N. Prince and O. G. Jakob. 2,109,803; Mar. 1.  
 Container body forming and cutting mechanism. J. M. Hothersall. 2,139,682; Dec. 13.  
 Container bottom and top applying and sealing machine. J. K. M. Harrison. 2,106,739; Feb. 1.  
 Container capping machine. R. D. Anderson. 2,109,763; Mar. 1.  
 Container capping machine. H. E. Rue, A. F. Pityo, and J. Jonassen. 2,111,155; Mar. 15.  
 Container capping machine. L. M. Sibley. 2,125,821; Aug. 2.  
 Container car, Shockproof removable. W. P. Kellett. 2,128,364; Aug. 30.  
 Container closing and opening means. D. Rosen. 2,135,602; Nov. 8.  
 Container closure. F. B. Busch. 2,120,159; Sept. 6.  
 Container closure. G. O. Conner. 2,137,076; Nov. 15.  
 Container closure. A. Kaehler. 2,123,553; July 12.  
 Container closure. J. E. Mashach and A. E. Driscoll. 2,123,906 7; July 19.  
 Container closure. W. L. Morgan. 2,111,732; Dec. 27.  
 Container closure. C. E. Pieck. 2,108,692; Feb. 15.  
 Container closure. O. I. Waring. 2,131,774 5; Oct. 4.  
 Container closure and ejector. G. O. Matter. 2,120,566; June 14.  
 Container closure and lining composition. K. Tator. 2,121,217; Oct. 25.  
 Container closure flap. W. H. Bracken. 2,136,639; Nov. 15.  
 Container closure means. B. F. Conner. 2,124,873; July 26.  
 Container closure means. R. F. Conner and W. E. Schmalz. 2,124,874; July 26.  
 Container closures, Making. J. M. Hothersall. 2,108,064; Feb. 15.  
 Container closures, Making. W. L. Morgan. 2,121,042; June 21.



- Container construction. M. P. Link. 2,138,252; Nov. 29.
- Container construction, Proprietary. R. Wishon. 2,126,160; Aug. 9.
- Container, container stock, and making the same. J. W. Erb. 2,116,107; May 3.
- Container core barrel. G. A. Humason and W. J. Clay. 2,126,684; Aug. 9.
- Container conveyer and distributor. C. N. Bergmann. 2,108,522; Feb. 15.
- Container conveyer and distributor. C. N. Bergmann. 2,122,769; July 5.
- Container conveying apparatus. I. H. Risser. 2,105,795; Jan. 18.
- Container cover. F. O'Neill, Jr. 2,107,957; Feb. 8.
- Container cover. J. E. Page. 2,134,984; Nov. 1.
- Container device, Tamperproof. L. G. Stonebraker. 2,122,595; July 5.
- Container discharging apparatus. I. H. Risser. 2,134,955; Nov. 1.
- Container ferrule. C. T. Walter. 2,109,601; Mar. 1.
- Container filling machine. A. C. Everett. 2,136,421; Nov. 15.
- Container for and dispenser of ribbon-like material. G. H. Halpin. 2,119,537; June 7.
- Container for beverages, Metal. A. L. Kronquest. 2,124,823; July 26.
- Container for bottles, Sealed. H. H. Lurssen. 2,115,494; Apr. 26.
- Container for canned goods or the like, Shipping. C. A. White and E. L. Regin. 2,124,808; July 26.
- Container for cigarettes and matches, Combination. C. E. Gray. 2,121,500; June 21.
- Container for cigarettes and other articles. K. Kastel. 2,123,157; July 5.
- Container for cigars or the like. E. G. Brandwein. 2,106,475; Jan. 25.
- Container for confections. K. Bastas. 2,119,148; May 31.
- Container for electrolytic condensers. A. M. Georgiev. 2,125,373; Aug. 2.
- Container for film magazines, Shipping. W. N. Schuler. 2,129,447; Sept. 6.
- Container for flowable material. J. Rest. 2,126,815; Aug. 16.
- Container for flowable material. J. Rest. 2,127,308; Aug. 16.
- Container for fluid, Paper. M. H. Sidebotham. 2,139,626; Dec. 6.
- Container for fluids, Leakproof. A. J. Kramer. 2,134,052; Oct. 25.
- Container for hot and cold liquids. E. Weber. 2,117,585; May 17.
- Container for journal boxes, Lubricant. J. G. Moore. 2,126,129; Aug. 9.
- Container for liquid paints. R. M. Sichére. 2,120,531; June 14.
- Container for liquid servicing products. V. A. Manguy and R. J. Lévy. 2,116,077; May 3.
- Container for milk bottle caps, Tube. C. R. Belk, Sr. 2,136,962; Nov. 15.
- Container for moisture containing materials, Nonfogging. L. L. McGrady and C. G. Rittenhouse. 2,118,262; May 24.
- Container for packaging frozen confections for distribution and serving. F. T. Krein and T. H. Alfreds. 2,130,588; Sept. 20.
- Container for pencils and the like. H. J. Hassenfeld. 2,129,175; Sept. 6.
- Container for pharmaceutical purposes. G. P. Hofmann. 2,127,918; Aug. 23.
- Container for pneumatic tube conveyers. A. W. Cross. 2,127,500; Aug. 23.
- Container for polishing wheel composition. V. J. Twynning. 2,122,665; July 5.
- Container for preserving and dispensing roasted coffee. O. Becker. 2,110,518; Mar. 8.
- Container for radio sets, Metal. E. J. Pool. 2,133,789; Oct. 18.
- Container for rectifier tubes. G. L. Usselman. 2,136,648; Nov. 15.
- Container for sheet materials. J. M. Nelson, Jr., and E. Watson. 2,137,142; Nov. 15.
- Container for styptic powder, Dispensing. F. H. Beyer. 2,107,100; Feb. 1.
- Container for tablets and the like, Dispensing. R. O. Baker. 2,133,651; Oct. 18.
- Container for toilet materials. I. Radetzky. 2,141,616; Dec. 27.
- Container for the transport of merchandise. A. J. A. Crescent and A. J. Robinet. 2,116,825; May 10.
- Container for tubes and bulbs. W. A. Ringler. 2,125,312-3; Aug. 2.
- Container for valuables, Safety. W. H. Davidson. 2,141,293; Dec. 27.
- Container for watches and the like. J. Lasko. 2,136,625; Nov. 15.
- Container, Forming a collapsible. F. W. Rumball. 2,122,325; June 28.
- Container from which pasty materials are adapted to be extruded, Collapsible. J. Crane. 2,139,575; Dec. 6.
- Container gluing machine. S. Bergstein. 2,130,786; Sept. 20.
- Container handling device. B. F. Düscher. 2,140,314; Dec. 13.
- Container having carrying frames, Portable. J. W. Holmes. 2,138,451; Nov. 29.
- Container holder. A. H. Tracy. 2,122,628; July 5.
- Container holder, Spray gun. H. U. Mitchell. 2,122,533; July 5.
- Container labeling mechanism. C. Schmutzer. 2,119,653; June 7.
- Container, Laminated. S. Smith. Re. 20,716; May 3.
- Container lifter. R. S. Harris. 2,136,297; Nov. 8.
- Container loading apparatus. I. H. Risser. 2,128,192; Aug. 23.
- Container made of paper. M. E. Gazette. 2,138,401; Nov. 29.
- Container, Making a greaseproof. J. B. Calva. 2,122,907; July 5.
- Container, Making a lined. E. L. Chappell. 2,106,828; Feb. 1.
- Container manufacture, Rubber. L. L. Salfisberg. 2,141,318; Dec. 27.
- Container opening device. M. P. Link. 2,119,135; May 31.
- Container opening device and pouring device. E. H. Vail. 2,107,654; Feb. 8.
- Container opening device for use on engines. O. N. Wiswell. 2,114,459; Apr. 19.
- Container or envelope, Folded. J. C. McAllister. 2,108,343; Feb. 15.
- Container package and spray-gun, Combined powder. W. L. Rutkowski. 2,122,230; June 28.
- Container, Sharp freezing. J. M. Kisselle. Re. 20,693; Apr. 12.
- Container treating machine. G. M. Harry. 2,141,470; Dec. 27.
- Container valve. S. D. Hartog. 2,113,838; Apr. 12.
- Container valve. S. D. Hartog. 2,121,231-2; June 21.
- Container valve. S. D. Hartog. 2,121,913; June 28.
- Container with sliding cap. M. C. Lawson. 2,139,085; Dec. 6.
- Containers, Apparatus for cleaning. Le B. B. Johnson. 2,105,458; Jan. 11.
- Containers, Apparatus for conditioning. H. F. Taylor and A. H. Cooke. 2,126,934; Aug. 16.
- Containers, Apparatus for filling high pressure gas. J. Okada. 2,117,819; May 17.
- Containers, Apparatus for handling freight. A. Howie and C. H. Bradley. 2,116,150; May 3.
- Containers, Apparatus for reconditioning the exterior of. S. F. Kimball. 2,115,203; Apr. 26.
- Containers, Apparatus for reconditioning the interior of. S. F. Kimball. 2,115,202; Apr. 26.
- Containers, Apparatus for reconditioning the interior of. S. F. Kimball. 2,115,204; Apr. 26.
- Containers, Apparatus for transferring freight. B. F. Fitch. 2,126,763; Aug. 16.
- Containers by electrodeposition, Making seamless metallic. A. O. Ross. 2,129,479; Sept. 6.
- Containers, Coating. J. Lithgow. 2,108,017; Feb. 8.
- Containers, Coating. H. T. Scott. 2,133,213; Oct. 11.
- Containers, Construction of storage battery. C. L. Keller. 2,141,791; Dec. 27.
- Containers, Device for filling. W. B. Massey. 2,112,173; Mar. 22.
- Containers, Extruding metal. H. Decker. 2,104,222; Jan. 4.
- Containers, Filling and closing. G. A. Moore. 2,120,906; June 14.
- Containers, Forming. R. M. Bergstein. Re. 20,789; July 12.
- Containers, Forming. R. M. Bergstein. 2,114,625; Apr. 19.
- Containers, Forming extrusion. C. Davis. 2,129,120; Sept. 6.
- Containers, Forming moistureproof and greaseproof. D. G. Magill. 2,130,355; Sept. 20.
- Containers, Handling drop bottom. G. C. Woodruff. 2,111,162; Mar. 15.
- Containers, Hot plating. I. J. B. Demers. 2,105,906; Jan. 18.
- Containers, Lining hollow. M. M. Harrison. 2,113,728; Apr. 12.
- Containers made of paper and similar materials, Manufacture of. O. Kasdorf. 2,126,117; Aug. 9.
- Containers, Making. H. Debor. 2,106,496; Jan. 25.
- Containers, Making. G. A. Moore. 2,120,899; June 14.
- Containers, Making. G. A. Moore. 2,120,902; June 14.
- Containers, Making conical. W. E. Amberg. 2,139,613; Dec. 6.
- Containers, Manufacture of open. E. Englisch and H. Richter. 2,113,373; Apr. 5.
- Containers, Mechanism for forming. R. M. Bergstein. 2,114,621 Apr. 19.
- Containers, Method and apparatus for making. J. Rest. 2,126,814; Aug. 16.
- Containers, Method for icing. F. W. Brady. 2,123,878; July 19.
- Containers, Opening of collapsed shells of slide and shell. J. Crighton. 2,121,186; June 21.
- Containers or parts thereof, Manufacturing. H. M. Kieckhefer. 2,132,956; Oct. 11.
- Containers, Preparation of. C. T. Walter. 2,110,750; Mar. 8.
- Containers, Preparing fiber. C. T. Walter. 2,108,910; Feb. 22.
- Containers, Sealing. G. J. Meyer. 2,106,464; Jan. 25.



- Containers, Treating. J. F. Boyle and E. F. Glover. 2,127,548; Aug. 23.
- Containers under gas, Apparatus for filling. W. M. Ryan and J. W. Bold. 2,138,355; Nov. 29.
- Containers with inert gas and materials, Charging. M. Wagner. 2,133,367; Oct. 18.
- Contamination by metals in caustic alkali solutions, Reduction of. A. H. Hooker. 2,109,250; Feb. 22.
- Continuous distillation furnace. E. G. M. R. Legé. 2,138,973; Dec. 6.
- Continuous gauge. S. B. Terry. 2,137,368; Nov. 22.
- Continuous heating furnace. J. J. Boax. 2,139,067; Dec. 6.
- Continuous heating furnace. H. F. Spencer and W. A. Morton. 2,133,673; Oct. 18.
- Contours in the drawing to be transferred by heliogravure upon the intaglio cylinders or plates, Production of the. K. Hintsches. 2,135,816; Nov. 8.
- Control. K. P. Brace. 2,106,450; Jan. 25.
- Control. W. J. McGoldrick. 2,135,829; Nov. 8.
- Control. N. C. Price. 2,112,750; Mar. 29.
- Control. H. Weber. 2,134,770; Nov. 1.
- Control and driving method and apparatus. W. E. Haupt. 2,132,567; Oct. 11.
- Control and operating mechanism for slide film projectors. E. J. Abbott. 2,141,203; Dec. 27.
- Control and ignition means for multiple gas burners, Safety. E. W. Roberts and T. L. Ferrall. 2,119,404; May 31.
- Control and regulator means for actuating mechanisms. W. Thaler. 2,120,010; June 7.
- Control apparatus. J. W. Dawson. 2,140,350; Dec. 13.
- Control apparatus. F. H. Gulliksen. 2,140,355; Dec. 13.
- Control apparatus. T. R. Harrison and F. W. Side. 2,125,109; July 26.
- Control apparatus. O. H. Hunt. 2,115,528; Apr. 26.
- Control apparatus. C. B. Moore and A. E. Krogh. 2,136,631; Nov. 15.
- Control apparatus. J. W. Ow and E. K. Read. 2,140,371; Dec. 13.
- Control apparatus. E. C. Raney. 2,129,151; Sept. 6.
- Control apparatus. E. C. Raney. 2,133,400; Oct. 18.
- Control apparatus. E. C. Raney. 2,138,244; Nov. 29.
- Control apparatus. H. A. Van Dyke. 2,126,981; Aug. 16.
- Control apparatus. C. C. Whittaker. 2,141,259; Dec. 27.
- Control apparatus. F. I. Williams. 2,122,017; June 28.
- Control apparatus, Automatic. W. A. Barr. 2,137,222; Nov. 22.
- Control apparatus, Centrifugal. R. A. Steps. 2,130,864; Sept. 20.
- Control apparatus for a plurality of electric motors. Reversing. R. G. Lockett. 2,119,337; May 31.
- Control apparatus for aircraft. J. Spencer. 2,131,824; Oct. 4.
- Control apparatus for drilling wells. J. E. Brantly. 2,133,016; Oct. 11.
- Control apparatus for engine starters. J. L. Arthur. 2,112,059; Mar. 22.
- Control Apparatus for liquid level and pressure. I. E. Nutter, F. E. Martin, and G. W. McCullough. 2,107,955; Feb. 8.
- Control apparatus, Interlocking. H. A. Thompson. 2,136,159; Nov. 8.
- Control apparatus, Multiple. C. A. Brooks. 2,119,265; May 31.
- Control apparatus, Pneumatic. T. R. Harrison and F. W. Side. 2,124,946; July 26.
- Control arrangement for energy leads. L. Leng. 2,111,595; Mar. 22.
- Control attachment for permanent waving machines, Automatic. A. E. Randall. 2,110,820; Mar. 8.
- Control, Automatic. F. W. Severin. 2,129,482; Sept. 6.
- Control, Centralized. H. H. Beverage. 2,112,877; Apr. 5.
- Control circuit. W. Krämer. 2,116,435; May 3.
- Control circuit. J. J. Root. 2,128,324; Aug. 30.
- Control circuit, Automatic fidelity. R. A. Braden. 2,104,788; Jan. 11.
- Control circuit, Transmission. C. Ruvul and L. Godeau. 2,141,553; Dec. 27.
- Control circuits. S. Doba, Jr. 2,118,175; May 24.
- Control device. J. E. Broussieu and F. J. Kerber. 2,106,269; Jan. 25.
- Control device. K. Clark. 2,115,518; Apr. 26.
- Control device. E. J. Dillman. 2,114,959; Apr. 19.
- Control device. C. A. F. Fennell. 2,131,943; Oct. 4.
- Control device. R. W. Goff. 2,111,424; Mar. 15.
- Control device. E. Kinsella. 2,123,241; July 12.
- Control device. M. Klein and R. A. Tollefsen. 2,123,652; July 12.
- Control device. A. K. Foulds. 2,139,616; Dec. 6.
- Control device. W. Gerry. 2,134,756; Nov. 1.
- Control device. A. G. Hann. 2,133,226; Oct. 11.
- Control device. A. H. Lamb. 2,123,170; July 12.
- Control device. W. S. London. 2,129,499; Sept. 6.
- Control device. N. B. G. Meljer. 2,118,654; May 24.
- Control device. D. H. Mitchell. 2,108,408; Feb. 15.
- Control device. W. K. Rankin. 2,130,901; Sept. 20.
- Control device. P. S. Russel. 2,112,220; Mar. 22.
- Control device. N. C. Schellenger. 2,111,809; Mar. 22.
- Control device. N. C. Schellenger. 2,138,210; Nov. 29.
- Control device. J. Sneddon. 2,113,817; Apr. 12.
- Control device. G. Z. von Manteuffel. 2,128,682; Aug. 30.
- Control device. H. Weber. 2,112,722; Mar. 29.
- Control device and actuating means therefor. S. Vernet. 2,128,274; Aug. 30.
- Control device and system. T. I. Maslin and R. N. Thomas. 2,123,058; July 5.
- Control device and system, Protective. E. W. Boehne. 2,130,870; Sept. 20.
- Control device for a photographic apparatus. A. B. Fuller. 2,119,846; June 7.
- Control device for atomizer nozzles, burner heads and the like. P. Del Genovese. 2,131,936; Oct. 4.
- Control device for breather type storage tanks. J. H. Wiggins. 2,136,202; Nov. 8.
- Control device for circuit breakers. S. T. Schofield. 2,125,130; July 26.
- Control device for electric transformers. E. Wirz. 2,137,433; Nov. 22.
- Control device for internal combustion engines. E. E. Griesse and F. B. Davis. 2,136,500; Nov. 15.
- Control device for ironers, Combination. J. W. Jensen. 2,124,976; July 26.
- Control device for oil burners. N. Roe. 2,105,931; Jan. 18.
- Control device for printing machines. C. W. Ginsberg. 2,126,681; Aug. 9.
- Control device for radio receiving sets. G. Solomon. 2,141,770; Dec. 27.
- Control device for storage batteries. E. T. Hanson and J. C. Amell. 2,118,558; May 24.
- Control device for the flaps of aircraft. R. Girard. 2,127,864; Aug. 23.
- Control device for the overflow valve of injectors, Automatic. H. Deutsch. 2,110,502; Mar. 8.
- Control device for variable condensers. A. Thomas. 2,141,422; Dec. 27.
- Control device for wrapping machines. W. A. Hayssen. 2,127,028; Aug. 16.
- Control device with predetermined successive positions. F. Maes. 2,118,890; May 31.
- Control equipment, Automatic. H. Bany. 2,117,871; May 17.
- Control for air-conditioning apparatus, Selective. H. R. Crago. 2,135,300; Nov. 1.
- Control for air conditioning apparatus, Selective. H. R. Crago. 2,137,833; Nov. 22.
- Control for air conditioning apparatus, Selective. E. W. Roessler. 2,133,872; Oct. 18.
- Control for air conditioning systems. M. F. Rather. 2,109,649-50; Mar. 1.
- Control for automatic air brake apparatus. M. Reynolds. 2,104,392; Jan. 4.
- Control for automatic air brake apparatus. M. Reynolds. Re. 20,612; Jan. 4.
- Control for automatic looms, Picker. H. D. Johnson, Jr., and W. T. Sullivan. 2,124,978; July 26.
- Control for automobile generators, Manual. O. Mueller. 2,105,926; Jan. 18.
- Control for automobile generators, Manual. O. Mueller. 2,107,899; Feb. 8.
- Control for boring machines. L. F. Baash and C. H. Hardies. 2,120,386; June 14.
- Control for can making machinery. V. T. Grover. 2,114,297; Apr. 19.
- Control for coal stokers, Thermo periodic. L. R. Teeple. 2,119,187; May 31.
- Control for conveyers, Automatic traffic. G. J. Sibley. 2,130,330; Sept. 13.
- Control for disk harrows, Automatic. O. E. Curtis. 2,109,769; Mar. 1.
- Control for drilling rigs, Hydraulic. W. F. McMurtry and G. F. Phillips. 2,109,297; Feb. 22.
- Control for electric ranges, System of. G. H. Hart. 2,116,787; May 10.
- Control for electrically operated lifts, System of. A. A. Chubb. 2,117,839; May 17.
- Control for electrically operated lifts, System of. A. A. Chubb and N. C. Smart. 2,117,838; May 17.
- Control for electrically operated stoker mechanism for coal furnaces. I. E. McCabe. 2,131,783; Oct. 4.
- Control for evaporating apparatus, System of. A. L. Holven. 2,135,512; Nov. 8.
- Control for fluid dispensing apparatus, Operating. M. O. Trudeau. 2,136,530; Nov. 15.
- Control for fluid flow control systems, Remote. J. Turner. 2,140,486; Dec. 13.
- Control for fluid motors. G. H. J. Baule. 2,117,595; May 17.
- Control for fluid pressure devices. G. G. Morin and E. J. Carleton. 2,121,389; June 21.
- Control for fuel burning apparatus, Automatic. V. O. Beam. 2,112,554; Mar. 29.
- Control for fuel mixing devices, Automatic. W. Groh. 2,111,855; Mar. 22.
- Control for gas burning apparatus, Automatic. E. O. Engels. 2,113,426; Apr. 5.
- Control for heat regulators, Remote. E. M. Mowbray. 2,112,503; Mar. 29.
- Control for heating and cooling systems, Thermostatic. A. L. Crump. 2,125,889; Aug. 9.
- Control for hydraulic brakes, Auxiliary. D. Collins. 2,136,276; Nov. 8.
- Control for internal combustion engines. W. H. McBrayre. 2,124,403; July 19.
- Control for internal combustion engines, Directional Intakes. J. J. McCarthy. 2,137,344; Nov. 22.



- Control for knitting machines, Manual. R. H. Lawson and W. L. Smith. 2,127,179; Aug. 16.
- Control for lifts, Electric system of. N. C. Smart. 2,137,925; Nov. 22.
- Control for motor vehicle clutches, brakes, and transmission. V. L. Nelson. 2,138,426; Nov. 29.
- Control for nailing machines, Automatic. H. Paxton. 2,113,530; Apr. 5.
- Control for refrigerating apparatus. L. B. M. Buchanan. 2,133,967; Oct. 25.
- Control for refrigerators, Adjustable. F. J. Bast. 2,131,161; Sept. 27.
- Control for sink outlets. J. J. Egan. 2,112,834; Apr. 5.
- Control for tabulating machines, Automatic. G. V. A. Malmros and V. O. Wilkerson. 2,131,916; Oct. 4.
- Control for the movement of vehicle bodies. W. von Wedelstaedt. 2,121,720; June 21.
- Control for therapeutic air conditioners. J. A. Heidbrink. 2,131,103; Sept. 27.
- Control for tire molds and the like, Automatic. W. J. Kerr. 2,128,417; Aug. 30.
- Control for two-temperature refrigerators. L. B. M. Buchanan. 2,133,955; Oct. 25.
- Control for two-temperature refrigerators. F. A. Harshberger. 2,133,957; Oct. 25.
- Control for two-temperature refrigerators. W. M. Van Sciver and R. J. Ridge. 2,133,968; Oct. 25.
- Control for variable speed power transmissions. J. O. Almen and H. Hawkins. 2,131,157; Sept. 27.
- Control for variable speed transmissions, Hydraulic. H. C. Clay. 2,112,141; Mar. 22.
- Control for ventilating devices, Remote. S. Hart. 2,136,652; Nov. 15.
- Control for welding generators. J. H. Blankenbuehler. 2,135,046; Nov. 1.
- Control for welding generators. J. H. Blankenbuehler and I. J. Rees. 2,135,045; Nov. 1.
- Control instrument. T. R. Harrison. 2,112,091; Mar. 22.
- Control means. L. W. Eggleston and E. J. Dillman. 2,120,213; June 7.
- Control means. F. H. Owens. 2,117,254; May 10.
- Control means for air actuated motors. E. S. Cornell, Jr. 2,118,809; May 31.
- Control means for aircraft with rotative wings. G. A. Page. 2,111,804; Mar. 22.
- Control means for automobiles. H. E. Clarke. 2,109,101; Feb. 22.
- Control means for fare boxes, Electrical. E. A. Nahm and H. Van Zuilen. 2,118,938; May 31.
- Control means for hydraulic couplings. H. Sinclair. 2,110,454; Mar. 8.
- Control means for hydraulic transmission. B. Bischof. 2,141,167; Dec. 27.
- Control means for internal combustion engines. H. Sinclair. 2,115,125; Apr. 26.
- Control means for lighter mechanism. T. L. Ferrall. 2,119,385; May 31.
- Control means for liquid fuel burners, Mechanical. A. Curioni. 2,122,930; July 5.
- Control means for record controlled accounting machines. G. F. Daly and A. H. Dickinson. 2,120,233; June 14.
- Control means for radio landing systems. G. H. Wintermute and G. L. Davies. 2,139,061; Dec. 6.
- Control means for sliding bolt door catches. R. M. Turner. 2,131,458; Sept. 27.
- Control means for teroidal race and roller power transmission mechanism. J. O. Almen. 2,113,638; Apr. 12.
- Control means for thermo-compressors. J. Kirgar. 2,124,620; July 26.
- Control means for tool guides, Extension. H. E. Tautz. 2,108,086; Feb. 15.
- Control means for web wrapping machines. E. G. Parvin. 2,106,490; Jan. 25.
- Control means, Remote. L. E. Barton. 2,112,687; Mar. 29.
- Control means, Resilient. J. M. Gwinn, Jr. 2,133,168; Oct. 11.
- Control mechanism. W. J. Andres and R. S. Sanford. 2,133,275; Oct. 18.
- Control mechanism. C. A. Arens. 2,132,919; Oct. 11.
- Control mechanism. J. E. Dube. 2,112,664; Mar. 29.
- Control mechanism. F. S. Denison. 2,140,451; Dec. 13.
- Control mechanism. W. H. Kniskern. 2,136,693; Nov. 15.
- Control mechanism. H. E. Lisk. 2,126,900; Aug. 16.
- Control mechanism. W. O. Lum. 2,111,431; Mar. 15.
- Control mechanism. H. J. Mastenbrook. 2,112,572; Mar. 29.
- Control mechanism. L. L. J. Prompt. 2,121,445; June 21.
- Control mechanism. C. A. Purdy. 2,118,944; May 31.
- Control mechanism. M. C. Rowley. 2,137,953; Nov. 22.
- Control mechanism. E. O. Schjolin. 2,128,328; Aug. 30.
- Control mechanism. L. R. Smith and W. A. Minkler. 2,127,539; Aug. 23.
- Control mechanism. S. Vorech. 2,137,961; Nov. 22.
- Control mechanism. E. E. Winkley. 2,119,617; June 7.
- Control mechanism for automobile transmissions. G. T. Randel. 2,126,033; Aug. 9.
- Control mechanism for automotive vehicles. A. K. Brumbaugh. 2,117,016; May 10.
- Control mechanism for calculating machines. H. K. F. Ewald and J. Gebhardt. 2,141,269; Dec. 27.
- Control mechanism for coin control switches. E. Whitby. 2,115,602; Apr. 26.
- Control mechanism for dispensing apparatus. J. M. Dayton. 2,115,303; Apr. 26.
- Control mechanism for fish lock drainage, Automatic. J. P. Joliffe. 2,104,042; Jan. 4.
- Control mechanism for furnaces. R. M. Hardgrove. 2,127,445; Aug. 16.
- Control mechanism for gas burners. G. A. and H. V. Guenther. 2,134,083; Oct. 25.
- Control mechanism for linecasting and composing machines. M. T. Goetz and H. W. Hudson. 2,117,474; May 17.
- Control mechanism for liquid dispensing apparatus. J. A. Logan and W. H. De Lancey. 2,132,536; Oct. 11.
- Control mechanism for paper making machines. A. H. Stanton. 2,122,362; June 28.
- Control mechanism for pressing machines. E. N. Neckel. 2,139,091; Dec. 6.
- Control mechanism for radio receiving sets, Remote. J. F. Koca. 2,122,613; July 5.
- Control mechanism for ratio-changing transmissions. W. T. Murden and T. C. Delaval-Crow. 2,132,752; Oct. 11.
- Control mechanism for radio sets, Selective. J. H. Denison. 2,107,472; Feb. 8.
- Control mechanism for steam heating systems. I. C. Jennings. 2,140,079; Dec. 13.
- Control mechanism for steam heating systems. I. C. Jennings. 2,140,701; Dec. 20.
- Control mechanism for straight knitting machines, Thread carrier. P. S. Curry. 2,135,329; Nov. 1.
- Control mechanism for variable speed transmissions. R. Erban. 2,127,589; Aug. 23.
- Control mechanism for voting machines, Electric. W. G. Cook. 2,109,229; Feb. 22.
- Control mechanism, Mechanical. H. S. W. Bollinger and W. M. A. Gottschalk. 2,123,298; July 12.
- Control mechanism for windmill pumps, Automatic. J. B. Edgar. 2,134,111; Oct. 25.
- Control mechanism, Thermal responsive. W. J. King. 2,139,504; Dec. 6.
- Control method and apparatus. O. Scharpf. 2,128,378; Aug. 30.
- Control method and apparatus. I. M. Stein and J. C. Peters, Jr. 2,119,061; May 31.
- Control, Multiple. W. A. Ray. 2,112,998; Apr. 5.
- Control of electric discharge tubes. A. H. Brackensley. 2,138,335; Nov. 29.
- Control of gearing for driving superchargers on aircraft engines. H. L. Towns and G. M. Cutler. 2,139,986; Dec. 13.
- Control of highway crossing signals, Apparatus for the. P. N. Martin. 2,123,538; July 12.
- Control of spark advance, Vacuum. J. L. Arthur. 2,131,706; Sept. 27.
- Control of the brakes of a motor vehicle, Automatic. R. S. Whittington. 2,111,305; Mar. 15.
- Control of the power delivered by internal combustion engines, Automatic. G. B. Bailey. 2,122,402; July 5.
- Control of variable physical characteristics, Automatic. A. Callender. 2,133,246; Oct. 11.
- Control of vehicles, Directional. W. A. Wood. 2,134,426; Oct. 25.
- Control of washing and other machines, Automatic. D. Y. B. Tanqueray. 2,137,928; Nov. 22.
- Control of wing flaps on aircraft. W. D. L. Theed. 2,140,095; Dec. 13.
- Control, Selectivity. H. A. Wheeler. 2,115,676; Apr. 26.
- Control switch. R. F. Kneisley. 2,138,279; Nov. 29.
- Control switch. A. W. Shepherd. 2,136,220; Nov. 8.
- Control switch, Adjustable. M. E. Henning. 2,111,856; Mar. 22.
- Control switch, Direction indicator. E. F. Beaverstock. 2,129,558; Sept. 6.
- Control switch, Thermoresponsive. E. D. Raney. 2,141,825; Dec. 27.
- Control system. H. Bany. 2,107,927; Feb. 8.
- Control system. H. Bany. 2,116,378; May 3.
- Control system. A. M. Candy. 2,110,436; Mar. 8.
- Control system. G. A. S. Cooper. 2,119,223; May 31.
- Control system. W. F. Eames. 2,117,875; May 17.
- Control system. W. N. Fanning. 2,109,475; Mar. 1.
- Control system. A. N. Goldsmith. 2,134,757; Nov. 1.
- Control system. A. C. Grant. 2,140,473; Dec. 13.
- Control system. A. C. Grant. 2,141,244; Dec. 27.
- Control system. J. J. Grebe. 2,118,842; May 31.
- Control system. J. H. S. Hamer. Re. 20,793; July 12.
- Control system. C. R. Hanna. 2,128,045; Aug. 23.
- Control system. R. M. Hardgrove. 2,141,604; Dec. 27.
- Control system. H. Heymann. 2,134,514; Oct. 25.
- Control system. D. C. Hoffmann. 2,129,528; Sept. 6.
- Control system. K. H. Hubbard. 2,105,598; Jan. 18.
- Control system. B. W. Jones. 2,110,707; Mar. 8.
- Control system. B. W. Jones. 2,125,792; Aug. 2.
- Control system. B. W. Jones. 2,140,386; Dec. 13.
- Control system. J. L. Kimball. 2,113,943; Apr. 12.
- Control system. W. R. King. 2,132,264; Oct. 4.
- Control system. D. J. Lane. 2,119,108; May 31.
- Control system. H. W. Lord. 2,120,564; June 14.
- Control system. J. W. McNairy. 2,120,954; June 14.
- Control system. F. Mohler and L. A. Umansky. 2,105,431; Jan. 11.
- Control system. C. W. Nessell. 2,126,914; Aug. 16.
- Control system. A. Pfau. 2,112,251; Mar. 29.



- Control system. N. C. Price. 2,106,414; Jan. 25.  
Control system. T. R. Rhea. 2,110,716; Mar. 8.  
Control system. F. M. Roberts and E. H. Sills. 2,104,674; Jan. 4.  
Control system. H. A. Rose. 2,130,902; Sept. 20.  
Control system. H. A. Satterlee. 2,131,759; Oct. 4.  
Control system. C. Schiebeler. 2,123,747; July 12.  
Control system. D. R. Shoults. 2,123,066; July 5.  
Control system. D. R. Shoults. 2,141,939; Dec. 27.  
Control system. W. B. Snyder. 2,133,154; Oct. 11.  
Control system. M. Staley and A. Kramer. 2,135,204; Nov. 1.  
Control system. C. E. Stewart. 2,132,277; Oct. 4.  
Control system. W. R. Talliaferro. 2,125,055; July 26.  
Control system. P. Thomas. 2,128,061; Aug. 23.  
Control system. J. F. Tritle. 2,120,956; June 14.  
Control system. J. F. Tritle and J. W. McNairy. 2,120,957; June 14.  
Control system. A. J. Wade. 2,131,607; Sept. 27.  
Control system. H. E. Weaver. 2,116,992; May 10.  
Control system. C. J. Werner. 2,117,123; May 10.  
Control system. C. J. Werner. 2,132,888; Oct. 11.  
Control system. M. A. Whiting. 2,105,384; Jan. 11.  
Control system. M. A. Whiting. 2,116,420; May 3.  
Control system and apparatus for heating. H. R. Crago. 2,129,526; Sept. 6.  
Control system and apparatus, Selective. L. M. Potts. 2,134,005; Oct. 25.  
Control system and device, Automatic. C. Will and K. Braun. 2,111,413; Mar. 15.  
Control system, Automatic. F. A. Faust. 2,128,406; Aug. 30.  
Control system, Automatic. R. W. Gilbert. 2,136,682; Nov. 15.  
Control system, Automatic. C. W. Place. 2,110,714; Mar. 8.  
Control system, Automatic. C. Wilhjelm. 2,106,262; Jan. 25.  
Control system, Electric. G. O. Wilms and L. H. Matthias. 2,120,690; June 14.  
Control system for air compressors. A. C. Staley. 2,115,888; May 3.  
Control system for air conditioning apparatus. R. J. Ridge. 2,110,025; Mar. 1.  
Control system for circulating fluids. L. L. Cunningham. 2,141,206; Dec. 27.  
Control system for condenser winding machines. R. W. Knight. 2,111,786; Mar. 22.  
Control system for conveyers. J. E. Morton. 2,113,308; Apr. 5.  
Control system for electric dehydrators. A. G. Sauer. 2,136,469; Nov. 15.  
Control system for electric locomotives. R. Puller and H. Kann. 2,112,046; Mar. 22.  
Control system for electric motors, Automatic. C. M. Knight. Re. 20,658; Feb. 22.  
Control system for electric valve apparatus. R. Troger. 2,122,304; June 28.  
Control system for electrical fare boxes, Electrical. J. W. Baur, H. Van Zuilen, and C. F. Rogier. 2,128,900; Sept. 6.  
Control system for electrically operated apparatus. W. L. Whitson. 2,126,238; Aug. 9.  
Control system for fare boxes, Electrical. J. W. Baur and E. A. Nahm. 2,118,914; May 31.  
Control system for furnaces. R. Colston. 2,104,221; Jan. 4.  
Control system for gas heaters. P. L. Betz. 2,137,199; Nov. 15.  
Control system for generators. W. R. Harding. 2,125,108; July 26.  
Control system for hydraulic motors, Fluid. H. Feiklas. 2,141,429; Dec. 27.  
Control system for looms. L. W. Joyce and H. L. Ross. 2,131,706; Sept. 27.  
Control system for motor vehicles. E. S. Hall. 2,108,666; Feb. 15.  
Control system for pulverized fuel burners. E. V. Francis. 2,137,754; Nov. 22.  
Control system for radio beacons. F. G. Kear. 2,139,060; Dec. 6.  
Control system for steam refrigerating systems. A. A. Markson. 2,136,114; Nov. 8.  
Control system for transmissions. P. R. Wheeler. 2,106,862; Feb. 1.  
Control system, Motorized. W. H. Gille. 2,112,218; Mar. 22.  
Control system, Remote. G. A. Burns. 2,135,794; Nov. 8.  
Control system, Remote. W. T. Cooke. 2,139,490; Dec. 6.  
Control system, Reversible thermostatic. H. R. Crago. 2,120,488; June 14.  
Control system, Selective. R. E. McClure. 2,130,808; Sept. 20.  
Control system, Supervisory. J. H. Oliver. 2,107,902; Feb. 8.  
Control unit. W. A. Ray. 2,113,858; Apr. 12.  
Control unit for burning liquid fuel. R. Sadwith. 2,109,830; Mar. 1.  
Control valve. T. R. Harrison. 2,106,300; Jan. 25.  
Control valve. P. I. Schultz and J. J. Pelouch. 2,138,125; Nov. 20.  
Control valve. G. A. Spellis. 2,128,136; Aug. 30.  
Controlled valve. N. Marcus. 2,113,849; Apr. 12.  
Controller for gas-heated apparatus. K. Fiedler, G. Hegwein, O. Merten, and F. W. Stockmeyer. 2,126,378; Aug. 9.  
Controller for inductive devices. H. E. Hodgson. 2,126,775; Aug. 16.  
Controller for inductive devices. D. C. Wright. Re. 20,724; May 10.  
Controller for internal combustion engine starters, Automatic. G. B. Sayre. 2,125,399; Aug. 2.  
Controllers, System for regulating. C. H. Bissell. 2,120,123; June 7.  
Controlling and sounding apparatus. J. E. Jenkins and S. E. Adair. 2,116,314; May 3.  
Controlling apparatus for highway crossing signals. E. M. Allen. 2,124,046; July 19.  
Controlling apparatus for highway crossing signals. C. H. Lay. 2,133,171; Oct. 11.  
Controlling apparatus for highway crossing signals. G. R. Pfisterer. 2,114,909; Apr. 19.  
Controlling apparatus for strip feeding mechanism, Automatic. F. M. Littell. 2,140,755; Dec. 20.  
Controlling device. J. I. Hulshizer. 2,134,405; Oct. 25.  
Controlling device. W. A. Smith, Jr. 2,134,420; Oct. 25.  
Controlling device for printing machines. A. J. Horton. 2,122,796; July 5.  
Controlling device for rotatable shafts. P. G. Cazes. 2,114,278; Apr. 19.  
Controlling device for window shade rollers. A. C. Hanson. 2,109,112; Feb. 22.  
Controlling means for washing machines. G. K. Parsons. 2,112,469; Mar. 29.  
Controlling means, Time operated. G. Morrison and C. Cameron. 2,115,689; Apr. 26.  
Controlling mechanism for cash registers and bookkeeping machines. A. Klaar, F. Arndt, and H. Berning. 2,107,445; Feb. 8.  
Controlling system for electrically operated lifts. N. C. Smart. 2,114,506; Apr. 19.  
Conversion products of acetylene, Production of. R. Stadler and A. Auerhahn. 2,131,197; Sept. 27.  
Conversion products of dyestuffs and making same. F. Straub and H. Mayer. 2,104,357; Jan. 4.  
Converter for use with dielectric guides, Wave type. G. C. Southworth. 2,129,714; Sept. 13.  
Converter, Frequency. H. A. Affel. 2,126,859; Aug. 16.  
Converter having heat exchange members or wells for recording elements. T. B. Prickett. 2,127,529; Aug. 23.  
Converter, Universal. W. W. Garstang. 2,115,162; Apr. 26.  
Converter, Vapor electric. J. Slepian. 2,126,291; Aug. 9.  
Convertible chair. L. F. Bernau. 2,110,786; Mar. 8.  
Convertible chair. P. Rohrmann. 2,141,094; Dec. 20.  
Converting system. F. E. Blount. 2,120,972; June 21.  
Conveyance, Emergency. B. E. Arntzen. 2,138,826; Dec. 6.  
Conveyer. L. J. Bishop. 2,120,052; June 7.  
Conveyer. W. J. Bohn. 2,115,762; May 3.  
Conveyer. G. W. Cannon. 2,109,899; Mar. 1.  
Conveyer. W. L. Davis. 2,110,204; Mar. 8.  
Conveyer. W. B. Fleming. 2,121,628; June 21.  
Conveyer. J. W. Forsythe. 2,105,142; Jan. 11.  
Conveyer. A. Hoeffler. 2,118,348; May 24.  
Conveyer. R. S. Jacobsen. 2,123,189; July 12.  
Conveyer. C. J. Klein and F. Z. Fouse. 2,114,146; Apr. 12.  
Conveyer. E. H. Maltby. 2,105,922; Jan. 18.  
Conveyer. J. R. Morrison. 2,134,832; Nov. 1.  
Conveyer. D. S. Parker. 2,134,373; Oct. 25.  
Conveyer. F. P. Perkins. 2,141,876; Dec. 27.  
Conveyer. R. P. Rasmussen. 2,128,594-5; Aug. 30.  
Conveyer. E. F. Seibel. 2,116,800; May 10.  
Conveyer. P. R. Simmons. 2,111,883; Dec. 27.  
Conveyer. J. M. Spears. 2,129,337; Sept. 6.  
Conveyer. H. V. Sturtevant. 2,136,156; Nov. 8.  
Conveyer. D. Wood. 2,106,941; Feb. 1.  
Conveyer and method. E. N. Millan. 2,121,388; June 21.  
Conveyer and rotary drum therefor. W. A. Frank. 2,107,890; Feb. 8.  
Conveyer apparatus. M. Dykstra. 2,125,898; Aug. 9.  
Conveyer apparatus. F. Shurley. 2,109,360; Feb. 22.  
Conveyer, Band. C. E. Beach. 2,126,210; Aug. 9.  
Conveyer, Belt. G. Glossmann. 2,127,643; Aug. 23.  
Conveyer, belt for fruit sizing machines. F. Stedder. 2,122,542; July 5.  
Conveyer, Briquette cooling. G. Komarek. 2,121,298; June 21.  
Conveyer, Casing. M. M. Campbell. 2,101,450; Jan. 4.  
Conveyer chain. K. Mergelin. 2,142,003; Dec. 27.  
Conveyer chain. E. P. and R. W. Noffsinger. 2,126,274; Aug. 9.  
Conveyer, Coal. E. Kalmbach. 2,125,926; Aug. 9.  
Conveyer, Continuous. A. P. White. 2,138,671; Nov. 29.  
Conveyer, Continuous transverse roller fruit. G. C. Paxton. 2,135,838; Nov. 8.  
Conveyer control. M. Vogel-Jorgensen. 2,121,018; July 19.  
Conveyer discharge system. F. I. Nichols. 2,136,500; Nov. 15.  
Conveyer distributor for cotton and like materials. H. Roberts, Jr. 2,106,380; Jan. 25.  
Conveyer driving control. G. Todd. Re. 20,675; Mar. 22.  
Conveyer elevator. H. W. Hapeman. 2,130,492; Sept. 20.



- Conveyer, Extensible portable. J. R. Madeira. 2,128,309; Aug. 30.
- Conveyer feeder, Vibrated. A. T. Hendrix. 2,129,688; Sept. 13.
- Conveyer for cigarette machines, Pneumatic. R. V. Craggs. 2,140,128; Dec. 13.
- Conveyer for drying plants. S. Wellmar. 2,141,578; Dec. 27.
- Conveyer for feeding trays. J. Brandt. 2,139,877; Dec. 13.
- Conveyer for hot bottles. E. R. Odom. 2,118,736; May 24.
- Conveyer for newspapers and like articles, Belt. H. H. Rapley. 2,140,595; Dec. 20.
- Conveyer for rubber strips, Shrinkage. H. L. Young. 2,114,758; Apr. 19.
- Conveyer, Locomotive fuel. H. E. Lippert. 2,126,267; Aug. 9.
- Conveyer, Logging. W. E. McCraw. 2,141,482; Dec. 27.
- Conveyer mechanism. R. H. Gordon. 2,106,706; Feb. 1.
- Conveyer mechanism. R. H. Gordon. 2,138,095; Nov. 29.
- Conveyer mechanism. W. J. Taylor. 2,129,510; Sept. 6.
- Conveyer mechanism. W. J. Taylor. 2,136,267; Nov. 8.
- Conveyer mechanism for electric furnaces. G. E. Sell. 2,106,469; Jan. 25.
- Conveyer or cable clamp. C. G. Dellenbach. 2,124,485; July 19.
- Conveyer or carrier, Match comb. H. J. Sauvage. 2,122,047; June 28.
- Conveyer, Overhead traveling. C. R. Schock and C. L. Koehler. 2,117,988; May 17.
- Conveyer, Shaking. H. Grube. 2,111,771; Mar. 22.
- Conveyer stand. R. Lael. 2,111,452; Mar. 15.
- Conveyer system. W. J. Lueckel. 2,130,323; Sept. 13.
- Conveyer system. J. E. Regan. 2,132,362; Oct. 4.
- Conveyer, Trolley. A. W. Lemmon. 2,133,391; Oct. 18.
- Conveyer, Trolley. T. Uyehara. 2,135,244; Nov. 1.
- Conveyer wear plate, Endless. A. E. W. Johnson. 2,112,911; Apr. 5.
- Conveyers, Apparatus for automatically loading and unloading aerial. C. Braune. 2,141,125; Dec. 20.
- Conveyers, Transfer means for. E. David and S. B. Szody. 2,115,255; Apr. 26.
- Conveying apparatus. F. W. Greer. 2,106,134; Jan. 18.
- Conveying apparatus. H. G. Hague. 2,118,195; May 24.
- Conveying apparatus. H. S. Lenhart. 2,141,920; Dec. 27.
- Conveying apparatus for hot materials. J. H. Olson. 2,141,694; Dec. 27.
- Conveying machinery. F. P. Perkins. 2,131,816; Oct. 4.
- Conveying mechanism. C. R. Davison. 2,115,573; Apr. 26.
- Conveying mechanism. R. H. Gordon. 2,116,430; May 3.
- Conveying mechanism. C. J. Surdy. 2,131,907; Oct. 4.
- Conveying mechanism for nut hullers. G. F. Maiers. 2,109,703; Mar. 1.
- Cooker. U. Urbany. 2,111,954; Mar. 22.
- Cooker and mold, Pressure. R. J. Kahn. 2,122,320; June 28.
- Cooker and toaster, Electric. A. L. Osrow. 2,121,444; June 21.
- Cooker, Asparagus. G. A. Powell. Re. 20,664; Mar. 1.
- Cooker combination, Master. I. Ročić. 2,134,377; Oct. 25.
- Cooker, Electric. E. Lewis. 2,104,465; Jan. 4.
- Cooker, Reciprocating. F. Gerber. 2,134,817; Nov. 1.
- Cooker, Sandwich. L. Shuman. 2,125,589; Aug. 2.
- Cooking and apparatus therefor, Non-aerating. W. C. McNitt. 2,112,784; Mar. 29.
- Cooking apparatus. P. Spless. 2,113,996; Apr. 12.
- Cooking apparatus, Electrical. J. W. Myers. 2,138,706; Nov. 29.
- Cooking apparatus, Electrically operated. J. W. Myers and S. J. Roesch. 2,140,479; Dec. 13.
- Cooking appliance, Electric. F. W. Scharf. 2,108,298; Feb. 15.
- Cooking appliance, Rotary. H. I. Peyton. 2,122,780; July 5.
- Cooking device. J. A. Sturm. 2,125,965; Aug. 9.
- Cooking device. R. L. Tweedale. 2,110,748; Mar. 8.
- Cooking device, Electronic. E. K. Clark. 2,140,348; Dec. 13.
- Cooking, heating, or like apparatus for treating tins of food or other articles. H. D. Calvin. 2,104,514; Jan. 4.
- Cooking machine. G. E. Tubbs. 2,120,302; June 14.
- Cooking system, Electric. E. O. Schweitzer. 2,118,116; May 24.
- Cooking tool. A. Napolillo. 2,106,057; Jan. 18.
- Cooking utensil. E. S. Cisco. 2,130,678; Sept. 20.
- Cooking utensil. H. Tarrant. 2,127,988; Aug. 23.
- Cookie machine. S. Rodnick. 2,104,529; Jan. 4.
- Cookie molding device. K. M. Lee. 2,106,009; Jan. 18.
- Cooled bearing. A. H. Jung. 2,128,826; Aug. 30.
- Cooled valve. F. F. Murray. 2,122,484; July 5.
- Cooler : ~~See~~—
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| Air cooler.            | Liquid cooler.   |
| Automobile cooler.     | Milk cooler.     |
| Bar cooler.            | Plate cooler.    |
| Beer cooler.           | Pressure cooler. |
| Charge cooler.         | Room cooler.     |
| Cocktail glass cooler. | Water cooler.    |
- Cooler. L. Bloch. 2,128,344; Aug. 30.
- Cooler. F. T. Powers. 2,116,711; May 10.
- Cooler and dispenser, Water. W. C. Willets. 2,133,678; Oct. 18.
- Cooler and fitting, Beverage. G. Kuchenmeister. 2,125,677; Aug. 2.
- Cooler and scrubber, Combined. H. F. Johnstone and A. D. Singh. 2,139,827; Dec. 13.
- Cooler and stirrer, Combination liquid. D. Fisk. 2,120,201; June 7.
- Cooler and storage cabinet, Milk. T. L. Edwards. 2,119,631; June 7.
- Cooler for beverages, Foam control. W. Hergott. 2,136,973; Nov. 15.
- Cooler for furnaces, Water. L. R. McAfoos. 2,107,185; Feb. 1.
- Cooler for liquids. H. B. Babson and C. A. Thomas. 2,131,423; Sept. 27.
- Cooling and ventilating. L. L. Scott. 2,118,949; May 31.
- Cooling apparatus. S. H. MacGregor. 2,126,792; Aug. 16.
- Cooling apparatus. E. F. Miller. 2,122,210; June 28.
- Cooling apparatus. D. W. R. Morgan. 2,129,097; Sept. 6.
- Cooling apparatus. N. Stramaglia. 2,120,299; June 14.
- Cooling apparatus. E. C. Tanner. 2,130,515; Sept. 20.
- Cooling apparatus for automotive vehicles. W. B. Fageol. 2,123,991; July 19.
- Cooling apparatus, Portable self-contained. F. B. Rentz. 2,108,320; Feb. 15.
- Cooling arrangement for internal combustion engines. K. Schwaiger. 2,120,004; June 7.
- Cooling cabinet. F. W. and C. L. Holderle. 2,125,444; Aug. 2.
- Cooling cabinet. J. W. Wilson. 2,109,714; Mar. 1.
- Cooling cabinet. H. G. Winter. 2,106,263; Jan. 25.
- Cooling can, Cream and milk. C. H. Bagby. 2,112,008; Mar. 22.
- Cooling device for aircraft engines, Liquid. R. Saulnier. 2,125,751; Aug. 2.
- Cooling device for electric generators. G. E. Wagner. 2,138,990; Dec. 6.
- Cooling device for pistons. F. Frelin. 2,108,532; Feb. 15.
- Cooling jacket construction. R. H. Goddard. 2,122,521; July 5.
- Cooling jacket fabrication. J. W. Dawson. 2,137,044; Nov. 15.
- Cooling means for motors, Field-coil. C. F. Hill, M. F. Jones, and C. A. Atwell. 2,130,843; Sept. 20.
- Cooling means for thermionic valves. P. E. Privett. 2,110,774; Mar. 8.
- Cooling system. H. A. Rabafel. 2,114,238; Apr. 12.
- Cooling system. J. Schulman. 2,118,739; May 24.
- Cooling system for combustion engines. G. W. Björkstöm. 2,110,497; Mar. 8.
- Cooling system for compressors. L. B. M. Buchanan. 2,139,996; Dec. 13.
- Cooling system for engines. D. B. Baker and L. F. Overholt. 2,136,605; Nov. 15.
- Cooling system for internal combustion engines. G. Knochenhauer. 2,129,846; Sept. 13.
- Cooling system for projection machines. A. B. Scott. 2,120,005; June 7.
- Cooling system for sideboard motors. A. Lesage. 2,133,458; Oct. 18.
- Cooling system, Liquid. J. M. Bruce. 2,140,896; Dec. 20.
- Cooling system, Proportioning. A. C. Grant. 2,134,940; Nov. 1.
- Cooling unit. J. H. Dennedy. 2,130,331; Sept. 13.
- Cooling unit. C. Lichtenberg. 2,110,002; Mar. 1.
- Cooling unit for refrigerating machines. L. W. Atchison. 2,109,986; Mar. 1.
- Cooling unit, Tinned type. R. W. Kritzer and A. F. Hoesel. 2,118,206; May 24.
- Cooling unit, Vacuum. L. M. Fornerook. 2,112,563; Mar. 29.
- Coop, Poultry. A. T. Olson. 2,123,289; July 12.
- Cop winding machine. W. Siegenthaler. 2,131,147; Sept. 27.
- Copper alloy. F. R. Hensel and E. I. Larsen. 2,130,737-8; Sept. 20.
- Copper alloy. F. R. Hensel and E. I. Larsen. 2,136,211; Nov. 8.
- Copper alloy. F. R. Hensel and E. I. Larsen. 2,139,497; Dec. 6.
- Copper alloy. P. Tookousian. 2,141,054; Dec. 20.
- Copper arsenate, Manufacture of basic. E. Klumpp. 2,112,102; Mar. 22.
- Copper base alloy. F. R. Hensel and E. I. Larsen. 2,135,336; Nov. 1.
- Copper, Casting. K. A. Lindner and F. F. Poland. 2,116,207; May 3.
- Copper-cobalt-zinc alloy. C. S. Smith. 2,126,827; Aug. 16.
- Copper compounds from copper-sweetened hydrocarbon oil, Removing. W. L. Benedict. 2,138,566; Nov. 29.
- Copper, Electrolytic. F. L. Antisell. 2,114,161; Apr. 12.
- Copper, Electroplating. R. R. Rogers. 2,133,255; Oct. 11.
- Copper flashing, Crimped. A. Cheney. 2,125,841; Aug. 2.
- Copper from scrap and residue, Recovering pure. C. B. White. 2,119,936; June 7.
- Copper from waste liquors of the artificial silk industry, Recovery of. A. Richter, W. Busch, and M. O. Schürmann. 2,141,763; Dec. 27.
- Copper halides, Preparation of. W. Dettwyler. 2,126,455; Aug. 9.
- Copper matte, Selective converting of. L. Larson and J. C. Kinnear. 2,109,272; Feb. 22.



- Copper, Method of and apparatus for casting deoxidized. W. K. Thompson. 2,140,607; Dec. 20.
- Copper monochlorophthalocyanine and making it. R. P. Linstead and C. E. Dent. 2,129,013; Sept. 6.
- Copper-oxide rectifier. F. Conrad. 2,117,020; May 10.
- Copper oxide rectifying element. E. A. Harty. 2,133,745; Oct. 18.
- Copper oxides, Making. R. L. Lloyd and R. W. Hyde. 2,121,602; June 21.
- Copper phthalocyanine, Producing. R. P. Linstead and C. E. Dent. 2,124,742; July 26.
- Copper plate printing machine. K. T. Lang. 2,105,249; Jan. 11.
- Copper-silicon-iron-lead alloy. B. J. Sirois. 2,113,283; Apr. 5.
- Copper-silver-beryllium-magnesium alloy. F. R. Hensel and E. I. Larsen. 2,126,386; Aug. 9.
- Copper-silver-beryllium-manganese alloy. F. R. Hensel and E. I. Larsen. 2,131,104; Sept. 27.
- Copper-zirconium-manganese alloy. F. R. Hensel and E. I. Larsen. 2,130,996; Sept. 20.
- Copy holder. J. A. Gottlieb. 2,109,480; Mar. 1.
- Copyholder for typewriters and office machines. P. Kobler. 2,128,304; Aug. 30.
- Copy holder, Line indicating. A. L. Slee. 2,118,869; May 31.
- Copy holding and enlarging frame, Photographic. A. Nadin. 2,110,234; Mar. 8.
- Copy sheet, Master. E. Z. Lewis and W. J. Menihan. 2,118,888; May 31.
- Copying apparatus. R. H. Draeger. 2,133,978; Oct. 25.
- Copying apparatus. D. H. Holmes, H. T. Burgner, and E. D. MacEwing. 2,139,752; Dec. 13.
- Cord and article made of cord. J. Anderson and M. Langstreth. 2,133,071; Oct. 11.
- Cord and chain connector, Venetian blind. W. J. Stuber. 2,126,586; Aug. 9.
- Cord and making the same, Cellulosic. M. Katz. 2,128,302; Aug. 30.
- Cord attaching device, Pull. W. L. Riberdy. 2,109,051; Feb. 22.
- Cord coating machine. C. A. Fourness and J. M. Graef. 2,111,853; Mar. 22.
- Cord connector body. E. F. Bannon. 2,105,465; Jan. 18.
- Cord extension device, Electrical. J. W. Johnson. 2,108,170; Feb. 15.
- Cord lock. W. J. Stuber. 2,117,918; May 17.
- Cord, Making tire. P. E. Harrison. 2,125,633; Aug. 2.
- Cord reel. D. G. Logan. 2,133,551; Oct. 18.
- Cord set for Christmas tree lights. C. Barks. 2,110,353; Mar. 8.
- Cord strain relief means. O. H. Pieper. 2,131,297; Sept. 27.
- Cord take-up device for lamps and the like. A. B. Gardella. 2,138,631; Nov. 29.
- Cord take-up, Electric. H. Knott. 2,118,731; May 24.
- Cord, Tying. M. Katz. 2,118,847; May 31.
- Cords, Method and machine for manufacturing elastic helical conducting. H. H. Hollenweger. 2,136,743; Nov. 15.
- Core and making a core. F. E. Henderson. 2,110,975; Mar. 15.
- Core barrel. G. C. Oliver. 2,134,886; Nov. 1.
- Core barrel mounting. W. E. Burke and M. T. Works. 2,128,914; Sept. 6.
- Core bit. C. A. Dean. 2,118,397; May 24.
- Core box stripping machine. G. C. Carney. 2,105,877; Jan. 18.
- Core boxes, Apparatus for making. K. R. Moser. 2,116,248; May 3.
- Core boxes, Venting. H. L. Demmler. 2,126,097; Aug. 9.
- Core catcher. A. C. Catland. 2,132,014; Oct. 4.
- Core catcher. R. B. Grainger. 2,122,771; July 5.
- Core catcher. J. Hoffoss. 2,115,166; Apr. 26.
- Core, Collapsible. H. A. Craven. 2,111,063; Mar. 15.
- Core covering machine. J. P. Shorrock. 2,136,026; Nov. 8.
- Core drill. J. B. Newsom. 2,130,192; Sept. 13.
- Core drill. W. Otto and F. E. Scott. 2,107,495; Feb. 8.
- Core drill. J. C. Stokes. 2,135,737; Nov. 8.
- Core-electrodes, Production of. F. Leitner. 2,124,255; July 19.
- Core elements, Manufacture of. R. C. Pierce. 2,131,069; Sept. 27.
- Core extracting device. F. Miller. 2,140,645; Dec. 20.
- Core extractor, Fruit. F. G. Urban. 2,115,832; May 3.
- Core for electrical apparatus, Laminated. R. Pohl. 2,129,535; Sept. 6.
- Core for molding battery containers, Steam heated. R. J. Rote and S. W. Britton. 2,125,814; Aug. 9.
- Core for trimming moldings. W. J. MacLeod. 2,109,428; Feb. 22.
- Core for use in the molding of hollow articles. C. B. Mathews. 2,116,464; May 3.
- Core machine, Horizontal. H. G. Floyd. 2,122,199; June 28.
- Core orientation apparatus. D. Hering and C. H. Beattie, Jr. 2,105,650; Jan. 18.
- Core structure, Adjustable magnetic. W. H. Retchard. 2,141,554; Dec. 27.
- Core taker for rotary drills. A. B. Conklin. 2,140,417; Dec. 13.
- Core taking apparatus. J. C. Stokes. 2,124,988; Nov. 1.
- Core taking tool. J. H. Howard and A. C. Catland. 2,141,840; Dec. 27.
- Cored articles, Molding. C. J. Kohler. 2,132,739; Oct. 11.
- Corer, Fruit. G. C. Ainsworth. 2,117,278; May 17.
- Cork and making same, Composition. C. E. McManus. 2,121,809; June 28.
- Cork and method, Dyed composition. G. B. Cooke. 2,131,314; Sept. 27.
- Cork, Composition. K. M. Irely and L. M. Debing. 2,128,880; Aug. 30.
- Cork composition and making same. C. E. McManus. 2,121,810; June 28.
- Cork composition and manufacture. G. B. Cooke and S. I. Wilbur. 2,104,692; Jan. 4.
- Cork composition and method of making. N. S. Frink. 2,121,791; June 28.
- Cork composition and product produced thereby, Making. S. C. Bond. 2,128,894; Sept. 6.
- Cork sheet material, Making. A. Weisenburg. 2,126,435; Aug. 9.
- Corn conversion process. R. E. Daly and J. F. Walsh. 2,137,973; Nov. 22.
- Corn harvester gathering mechanism. R. C. Ferguson. 2,134,867; Nov. 1.
- Corn cutter, Green. F. W. Seloske. 2,119,945; June 7.
- Corn pad. S. M. Edison. 2,128,695; Aug. 30.
- Corn pad. H. R. Hartley. 2,120,465; June 14.
- Corn popper, Electric. B. A. Benson. 2,113,041; Apr. 5.
- Corn popping machine. C. J. Cretors. 2,112,358; Mar. 29.
- Corn popping machine. T. R. Mills. 2,113,091; Apr. 5.
- Corn-popping machine, Automatic. H. B. Tyler. 2,108,627; Feb. 15.
- Corn shredding mechanism. G. Pickel. 2,130,312; Sept. 13.
- Corn silker and cleaner. A. Hoffeld. 2,115,107; Apr. 26.
- Corn silker, Hydraulic. F. D. Chapman. 2,119,006; May 31.
- Corn trimming machine. C. E. and W. G. Carll. 2,109,365; Feb. 22.
- Corner construction. H. Finke. 2,118,598; May 24.
- Cornerpiece. J. J. Hubschman. 2,128,824; Aug. 30.
- Cornerpiece and shoe clamp for boxes, Combination. E. Ritter. 2,105,373; Jan. 11.
- Corner, Round. R. H. Crouch. 2,134,999, 2,135,000; Nov. 1.
- Corner, Round. O. R. Owens. Re. 20,787; July 5.
- Corrector, Mechanical. E. R. Wheeler, V. R. Kimball, and R. F. Dirkes. 2,135,374; Nov. 1.
- Correlating subsurface strata. H. N. Herrick. 2,104,743; Jan. 11.
- Corrosion fatigue failures, Prevention of. F. N. Speller. 2,132,586; Oct. 11.
- Corrosion in the distillation of hydrocarbon oil, Preventing. B. G. Aldridge and E. G. Ragatz. 2,105,874; Jan. 18.
- Corrosion, Prevention of. H. A. Beekhuis, Jr. 2,135,160; Nov. 1.
- Corrosion resistant structure, Laminated. H. Miedel. 2,108,722; Feb. 15.
- Corrugated structure. A. L. Spafford. 2,104,060; Jan. 4.
- Corrugated structure. A. L. Spafford. 2,139,138; Dec. 6.
- Corrugations, Forming. C. de Gnahli. 2,125,427; Aug. 2.
- Corselet. D. W. Adair. 2,135,931; Nov. 8.
- Corselet. H. J. Dubner. 2,124,769; July 26.
- Corset. E. Friend. 2,139,305; Dec. 6.
- Corset. G. Rayner. 2,120,508; June 14.
- Corset. C. H. Schopbach and L. Babcock. 2,104,277; Jan. 4.
- Corset or girdle and combination. E. Bertrams. 2,135,655; Nov. 8.
- Corsets. C. Koford. 2,125,185; July 26.
- Corsets, Device for fastening. H. Lobbenberg. 2,122,323; June 28.
- Cosmetic, Buffered. G. D. Miles. 2,118,566; May 24.
- Cosmetic carrier and applicator. L. Friedberg. 2,112,020; Mar. 29.
- Cosmetic case. R. H. Burdge. 2,119,313; May 31.
- Cosmetic container. B. F. Conner. 2,121,383; June 21.
- Cosmetic container. A. Gimonet. 2,111,767; Mar. 22.
- Cosmetic device. L. H. Andur. 2,136,204; Nov. 8.
- Cosmetic holder. G. C. Fullmer. 2,118,399; May 24.
- Cosmetic holder. H. R. Segal. 2,113,861; Apr. 12.
- Cosmetic, Protective. S. Isermann, E. Olsson, and J. W. Orslup. 2,131,947; Nov. 1.
- Cosmosarium. R. V. Morse. 2,140,326; Dec. 13.
- Cot and duplex chair, Convertible. D. Rosenbaum. 2,121,100; June 21.
- Cot, Folding. N. A. Davis. 2,112,454; Mar. 29.
- Cot, Knock down. W. H. Holston. 2,112,096; Mar. 22.
- Cot structure. W. Walger. 2,124,643; July 26.
- Cotter for roller chains. J. M. Bryant. 2,130,063; Sept. 13.
- Cotter pin. G. T. Cooke. 2,121,425; June 21.
- Cotter pin. F. M. Gay. 2,129,490; Sept. 6.
- Cotter pin, Selflocking. W. M. Rosborough. 2,126,346; Aug. 9.
- Cotton and analogous textile fibers, Bleaching. H. Weiss. 2,116,332; May 3.
- Cotton and the like, Storing. O. F. Blakes. 2,121,495; June 21.
- Cotton and yarns, Apparatus for treating. G. Hill. 2,120,469; June 14.
- Cotton batting. R. S. Dwight. 2,119,139; May 31.
- Cotton cleaner. E. T. Court. 2,122,108; July 12.



- Cotton cleaner. E. W. Wright. 2,121,722; June 21.  
 Cotton cleaner-drier, Combination seed. N. B. Henry. 2,105,786; Jan. 18.  
 Cotton conveying, cleaning, feeding, and drying apparatus. W. L. Steinhauer. 2,137,512; Nov. 22.  
 Cotton cutting machine. J. A. Voss. 2,135,060; Nov. 1.  
 Cotton drier. J. A. Streun. 2,111,158; Mar. 15.  
 Cotton-gin condenser. A. Horn. 2,136,506; Nov. 15.  
 Cotton harvesting machine. M. J. Connolly. 2,140,399; Dec. 13.  
 Cotton linter. C. R. Carr. 2,112,435; Mar. 29.  
 Cotton, Machine and process for finishing mercerized. W. P. Boyd. 2,142,043; Dec. 27.  
 Cotton or the like, Spreading. R. C. Thomson. 2,114,945; Apr. 19.  
 Cotton picking spindle. J. D. Rust. 2,109,506; Mar. 1.  
 Cotton seed, Delinting. J. M. Ethridge. 2,124,816; July 26.  
 Cotton separating and recovering method. T. Earle. 2,122,607; July 5.  
 Cotton, Treating. W. B. Pratt. 2,126,809; Aug. 16.  
 Cottons, Method and apparatus for manufacturing feather. M. Koga. 2,129,219; Sept. 6.  
 CO<sub>2</sub>, Purification of. G. T. Reich. 2,122,586; July 5.  
 Couch. P. P. Bebray. 2,107,882; Feb. 8.  
 Couch bed. M. Gursky. 2,133,167; Oct. 11.  
 Couch bed. J. Martin. 2,118,050; May 24.  
 Couch, Convertible. J. W. Bowersox and S. J. Blaha. 2,120,663; June 14.  
 Couch, Convertible. P. Cutler. 2,107,728; Feb. 8.  
 Couch, Davenport. J. J. Gervasio and V. J. Bergstrom. 2,110,831; Mar. 8.  
 Couch for use in motor vehicles, Reclining. A. Matthies. 2,104,372; Jan. 4.  
 Couch, Studio. A. Krakauer. 2,119,257; May 31.  
 Couch, Studio. L. Schreiber. 2,139,698; Dec. 13.  
 Couch, Studio. E. E. Woller. 2,135,687; Nov. 8.  
 Couch, Studio. W. E. Wunderlich. 2,111,521; Mar. 15.  
 Couch, Twin bed. J. D. Bell. 2,120,962; June 21.  
 Count of stitches in hand knitting, Indicating and maintaining a. N. F. Luther. 2,118,210; May 24.  
 Counter. M. M. Hennessy. 2,140,839; Dec. 20.  
 Counter. R. F. Shoup. 2,140,336; Dec. 13.  
 Counter. O. E. Wolff. 2,133,265; Oct. 11.  
 Counter and unmolded quarter for boots and shoes, and making same, Molded. B. F., L. L., Jr., and A. F. Hartwell. 2,119,274; May 31.  
 Counter construction. P. H. Meyer. 2,109,847; Mar. 1.  
 Counter display stand. E. H. Howard. 2,120,610; June 14.  
 Counter, Dust. G. Fassin. 2,129,527; Sept. 6.  
 Counter, Electromagnetic printing. B. Cooper. 2,115,410; Apr. 26.  
 Counter equipment. F. M. Thomas. 2,114,510; Apr. 19.  
 Counter for fluid meters, Printing. W. F. Berck. 2,127,243; Aug. 16.  
 Counter molding machine. L. H. Bennion and W. A. Smart. 2,118,393; May 24.  
 Counter molding mechanism. C. W. Bailey and J. H. Scharffenberg. 2,111,351; Mar. 15.  
 Counter, Refrigerated display. R. E. Gray. 2,120,744; June 14.  
 Counter slashing machine. C. W. Bailey. 2,142,041; Dec. 27.  
 Counter with telescoped number wheels. A. Holzner. 2,117,168; May 10.  
 Counting device. J. Albertoli. 2,137,320; Nov. 22.  
 Counting device. P. W. Bidwell and G. M. Prentice. 2,122,710; July 5.  
 Counting mechanism. E. G. Staude. 2,130,604; Sept. 20.  
 Counting mechanism for liquid dispensing apparatus. H. Wylder. 2,139,216; Dec. 6.  
 Counting mechanism for use in a liquid dispensing apparatus. H. Wylder. 2,130,257; Sept. 13.  
 Counting register for coin controlled mechanisms. B. S. Watling. 2,139,920; Dec. 13.  
 Counting system, Electrical. T. L. Dimond. 2,114,016; Apr. 12.  
 Counter-balance, Detachable. H. A. Holzer. 2,123,587; July 12.  
 Counterbalance device. R. F. Hill. 2,123,676; July 12.  
 Counterbalance device. J. R. Mahan. 2,123,679; July 12.  
 Counterbalance for crankshafts. R. A. Johnson. 2,137,164; Nov. 15.  
 Counterbalance for drill pipes, Hydraulic. J. C. Stokes. 2,112,254; Mar. 29.  
 Counterbalancing device for window sashes. L. T. Girard. 2,112,650; Mar. 29.  
 Counterbalancing means for automobile wheels. C. F. Rubsam. 2,137,416; Nov. 22.  
 Counter-current contact between fluids, Apparatus for effecting. W. J. Podbielniak. 2,109,375; Feb. 22.  
 Counterflow apparatus. L. P. Evans. 2,121,318; June 21.  
 Counter-sham. O. Sliger. 2,120,653; June 14.  
 Counterweight, Ball suspended dynamic. R. Chilton. 2,121,950; June 28.  
 Coupler. N. B. Akitt. 2,116,817; May 10.  
 Coupler. L. G. Byrd. 2,110,620; Mar. 8.  
 Coupler. T. Weber. 2,133,065; Oct. 11.  
 Coupler, Automatic car. K. Scharffenberg. 2,107,218; Feb. 1.  
 Coupler, Automatic train and vehicle services. W. H. Hartke. 2,126,882; Aug. 16.  
 Coupler, Capacitance. R. Higgins. 2,135,338; Nov. 1.  
 Coupler, Car. E. A. Larsson. 2,140,705; Dec. 20.  
 Coupler centering device, Car. G. G. Gilpin. 2,129,173; Sept. 6.  
 Coupler connection for oil well pumping powers, Safety. W. C. Trout. 2,136,480; Nov. 15.  
 Coupler for electrical systems, Variable. H. W. Parker. 2,116,080; May 3.  
 Coupler for gaseous vapor electric lamps, Support. M. Perr. 2,138,013; Nov. 29.  
 Coupler for lubricators. R. P. Glose. 2,129,682; Sept. 13.  
 Coupler for rotary well drills. C. B. Holt. 2,118,350; May 24.  
 Coupler for trailing ordnance and the like. H. J. Van Doorne. 2,120,637; June 14.  
 Coupler, Line. R. G. Litsey. 2,138,702; Nov. 29.  
 Coupler, Locomotive pilot. J. G. Bower. 2,104,846; Jan. 11.  
 Coupler operating device. C. M. Goldinger. 2,111,488; Mar. 15.  
 Coupler operating device, Car. S. H. Conwell. 2,129,165; Sept. 6.  
 Coupler, Rod line. E. L. McIntyre. 2,129,067; Sept. 6.  
 Coupler, Tight lock. H. H. Wolfe. 2,116,459; May 3.  
 Coupler, Trailer. C. Da Valle. 2,108,307; Feb. 15.  
 Coupler, Trailer. R. E. Hollett. 2,140,132; Dec. 13.  
 Coupling; See—  
     Automatic clutch coupling. Pipe coupling.  
     Automatic coupling. Pipe or hose coupling.  
     Ball and socket trailer coupling. Pipe or rod coupling.  
     Bumper coupling. Pneumatic flexible coupling.  
     Draft coupling. Rod coupling.  
     Drill stem coupling. Rod line coupling.  
     Drill pipe coupling. Scaffolding coupling.  
     Elastic coupling. Self-locking coupling.  
     Flexible coupling. Shaft coupling.  
     Flexible shaft coupling. Slip coupling.  
     Flexible tube coupling. Stovepipe coupling.  
     Fluid coupling. Trailer coupling.  
     Hook coupling. Tube coupling.  
     Hose coupling. Universal coupling.  
     House coupling. Valved coupling.  
     Hydraulic coupling. Vehicle drive coupling.  
     Hydrodynamic fluid coupling. Vehicular coupling.  
     Jointed coupling. Well casing setting and backing-off coupling.  
     Nonvibrating tube coupling. Yieldable coupling.  
 Coupling. J. S. Donaldson. 2,128,803; Aug. 30.  
 Coupling. C. C. Farmer. 2,112,417; Mar. 29.  
 Coupling. B. G. Harley. 2,127,359; Aug. 16.  
 Coupling. J. B. Kelley and W. P. Schmitter. 2,137,964; Nov. 22.  
 Coupling. M. Morgan. 2,136,947; Nov. 15.  
 Coupling. E. H. Mueller. 2,127,611; Aug. 23.  
 Coupling. H. M. Robinson. 2,138,940; Dec. 6.  
 Coupling. J. B. Sausse. 2,110,404; Mar. 8.  
 Coupling. A. T. Scheiwer. 2,135,221-3; Nov. 1.  
 Coupling. J. M. Summers. 2,123,068; July 5.  
 Coupling. G. H. Thomas. 2,109,935; Mar. 1.  
 Coupling. L. J. Vetrano. 2,112,352; Mar. 29.  
 Coupling. H. Ysskin. 2,104,920; Jan. 11.  
 Coupling. F. Zageimeyer. 2,125,479; Aug. 2.  
 Coupling and aligning device. M. T. J. Garlinger. 2,135,972; Nov. 8.  
 Coupling and brake, Combined trailer. N. W. Turpin. 2,116,052; May 3.  
 Coupling and lock. G. T. Cooke. 2,132,779; Oct. 11.  
 Coupling and making same, Hose. A. J. Weatherhead, Jr. 2,133,313; Oct. 18.  
 Coupling and repair link. S. F. Gleason. 2,123,889; July 19.  
 Coupling apparatus. L. de Montgrand. 2,113,515; Apr. 5.  
 Coupling circuit, Multirange. W. D. Loughlin and C. J. Franks. 2,122,257; June 28.  
 Coupling connection. E. H. Kocher. 2,134,719; Nov. 1.  
 Coupling device. J. S. Donaldson. 2,128,804; Aug. 30.  
 Coupling device. L. A. Miller. 2,133,558; Oct. 18.  
 Coupling device. S. B. Smith and F. M. Wright. 2,115,791; May 3.  
 Coupling device. W. Todd. 2,118,990; May 31.  
 Coupling device, Automatic. T. R. Lyman. 2,124,467; July 19.  
 Coupling device for flexible members. C. Freddino. 2,105,689; Jan. 18.  
 Coupling device for motor lorry trains. G. Meyer. 2,120,415; June 14.  
 Coupling device for railroad vehicles. E. Bugatti. 2,115,095; Apr. 26.  
 Coupling device for toy trains. J. L. Bonanno. 2,107,024; Feb. 1.  
 Coupling device, High-frequency. W. A. Schaper. 2,141,254; Dec. 27.  
 Coupling device, Intermediate-frequency. C. C. Neighbors and H. E. Melnema. 2,106,253; Jan. 25.  
 Coupling device, Variable. F. Kreienfeld. 2,119,333; May 31.  
 Coupling, Fluidtight. H. Tailleferre. 2,081,010; July 26.  
 Coupling for canvas tubing. F. M. Bins. 2,122,925; July 5.  
 Coupling for coal worm sections. E. B. Birkenbeuel. 2,118,289; May 24.



- Coupling for combined motor cars and trailers. O. G. Beardsley. 2,107,881; Feb. 8.
- Coupling for conveying rotary motion. S. C. Mackenzie. 2,112,108; Mar. 22.
- Coupling for electric conductors. F. Pennell. 2,132,967; Oct. 11.
- Coupling for hydraulic brakes. O. P. Di Giovanni. 2,112,146; Mar. 22.
- Coupling for hydraulic brake, Valved. W. F. Oliver. 2,120,677; June 14.
- Coupling for metal tubing. S. Guarnaschelli. 2,128,459; Aug. 30.
- Coupling for metal tubing, Leakproof. S. Guarnaschelli. 2,112,239; Mar. 29.
- Coupling for power shafts. F. J. Wood. 2,135,929; Nov. 8.
- Coupling for pumping wells, Quick action rod. C. Guinn. 2,113,508; Apr. 5.
- Coupling for separable fasteners, End tape. D. Marinsky. 2,141,006; Dec. 20.
- Coupling for separable fasteners, Slider end stop coupling. D. Marinsky. 2,123,513; July 12.
- Coupling for sewer cleaning rods. G. Burton. 2,115,194; Apr. 26.
- Coupling for shafting, Flexible. J. W. Kittredge. 2,125,615; Aug. 2.
- Coupling for sucker rods, Rigid. S. E. Gray. 2,135,812; Nov. 8.
- Coupling for television amplifiers, Transformer. K. Schlesinger. 2,131,193; Sept. 27.
- Coupling for the transmission of power or movement. W. W. Hamill. 2,125,559; Aug. 2.
- Coupling for trailer vehicles, Steering. R. D. Henderson. 2,124,947; July 26.
- Coupling for trailers, Cushioned. A. G. White. 2,121,416; June 21.
- Coupling for tubes. W. J. Katzberg. 2,122,205; June 28.
- Coupling for wires or electrical conductors. G. B. Gordon. 2,135,937; Nov. 8.
- Coupling head, Automatic train pipe. J. Robinson. 2,122,439; July 5.
- Coupling high-frequency apparatus. W. Buschbeck. 2,121,855; June 28.
- Coupling, Hose. A. A. Eisenman. Re. 20,629; Jan. 18.
- Coupling means for permeability-tuned circuits. W. A. Schaper. 2,106,226; Jan. 25.
- Coupling means for thermionic valve circuits. E. L. C. White. 2,120,823; June 14.
- Coupling mechanism. J. Cotal. 2,120,734; June 14.
- Coupling mechanism. C. H. Havill. 2,127,996; Aug. 23.
- Coupling of rubber-metal parts, Plastic. F. Schmidt. 2,126,705; Aug. 16.
- Coupling of smoking stands. E. F. McDonald. 2,114,027; Apr. 12.
- Coupling-on or bridging implement. R. Baranowsky. 2,141,286; Dec. 27.
- Coupling system. A. W. Barber. 2,129,727; Sept. 13.
- Coupling system, Multiplier. P. T. Farnsworth. 2,140,285; Dec. 13.
- Coupling unit, Intermediate-frequency. F. N. Jacob. 2,111,490; Mar. 15.
- Coupling with disconnecter. E. C. Meyer. 2,129,704; Sept. 13.
- Couplings, Manufacture of hydraulic. G. Bauer. 2,116,181; May 3.
- Couplings, Pipe. F. J. T. Barnes. 2,114,366; Apr. 19.
- Couplings, Producing. R. Temple, Jr. 2,131,766; Oct. 4.
- Course Indication, Method and apparatus for producing. G. L. Davies. 2,122,091; June 28.
- Course indicator for blind flying and landing. F. W. Dunmore. 2,119,530; June 7.
- Cover: See—
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|--------------------------|---------------------------|
| Annealing cover.         | Receptacle cover.         |
| Automobile fender cover. | Reflector cover.          |
| Basket cover.            | Sanitary seat cover.      |
| Book cover.              | Ship's hatch cover.       |
| Can cover.               | Slip cover.               |
| Container cover.         | Smelting furnace cover.   |
| Display box easel cover. | Spool cover.              |
| Engine hood cover.       | Spring cover.             |
| Golf ball cover.         | Tire and wheel hub cover. |
| Golf club cover.         | Tire cover.               |
| Grave cover.             | Toilet seat cover.        |
| Handbag cover.           | Umbrella cover.           |
| Insulating cover.        | Utensil cover.            |
| Manhole cover.           | Vault cover.              |
| Percolator cover.        | Wheel and tire cover.     |
| Plant cover.             |                           |
- Cover. V. W. Klesrath. 2,110,022; Mar. 1.
- Cover and applicator. L. H. Amrine. 2,106,313; Jan. 25.
- Cover and applying same, Spring. W. F. Eisenhauer. 2,128,238; Aug. 30.
- Cover and cushion, Bedpan. L. A. Chambers. 2,116,560; May 10.
- Cover and dispensing cabinet therefor, Sanitary seat. A. B. Willata. 2,105,133; Jan. 11.
- Cover and fastener therefor, Milk pail. F. W. Moore. 2,106,378; Jan. 25.
- Cover and frame, Manhole. V. Elkington. 2,109,287; Feb. 22.
- Cover and lock construction, Tire. H. S. Jandus. 2,107,332; Feb. 8.
- Cover and lock mechanism, Wheel. A. P. Ferguson. 2,109,664; Mar. 1.
- Cover and lock, Spare wheel. E. N. Jacobi. 2,134,761; Nov. 1.
- Cover and lock therefor, Tire. B. M. Short. 2,107,015; Feb. 1.
- Cover and mounting for vents and the like. D. J. McIntyre. 2,119,923; June 7.
- Cover and producing same, Magazine. W. F. Grupe. 2,132,341; Oct. 4.
- Cover and the like, Lamp shade. L. Davidson. 2,111,844; Mar. 22.
- Cover and ventilator, Combination closet tank. C. C. Norris. 2,105,794; Jan. 18.
- Cover assembly, Tire. G. A. Lyon. 2,109,672; Mar. 1.
- Cover attachment, Electrical. J. M. G. Fullman. 2,119,782; June 7.
- Cover construction, Container. L. H. Scurlock. 2,110,921; Mar. 15.
- Cover construction, Dust. C. U. Stephens. 2,110,561; Mar. 8.
- Cover construction, Slip. J. F. Price. 2,141,447; Dec. 27.
- Cover fastener, Automobile wheel. J. Haltenberger. 2,115,768; May 3.
- Cover feeding and folding mechanism for booking machines. J. R. Nolan. 2,108,318; Feb. 15.
- Cover for a body organ, Sanitary. E. F. Rightsell. 2,123,343; July 12.
- Cover for bottle beverage cases, Light-excluding. S. S. Gullo and P. W. Browne. 2,116,431; May 3.
- Cover for cans. A. L. Forsberg and W. J. Chambers. 2,141,351; Dec. 27.
- Cover for cavities. W. Elmenthaler. 2,132,102; Oct. 4.
- Cover for cooking utensils. A. Vodinelich. 2,126,518; Aug. 9.
- Cover for dough working surfaces. E. T. Parsons and H. W. Sawyer. 2,132,123; Oct. 4.
- Cover for flowerpots and the like. H. Auslander. 2,110,981; Mar. 15.
- Cover for food pans, Sanitary. P. Mirk. 2,118,099; May 24.
- Cover for golf club heads. S. A. Kneeter. 2,115,307; Apr. 26.
- Cover for ladies' shoes, Heel. W. G. and L. O. Field. 2,109,193; Feb. 22.
- Cover for latch mechanisms, Removable. J. R. Fehr. 2,137,002; Nov. 15.
- Cover for manifold books. O. M. Delesdernier. 2,141,295; Dec. 27.
- Cover for leader pins. W. A. Wiesman. 2,141,027; Dec. 20.
- Cover for match books, Safety. H. B. Eastman. 2,105,141; Jan. 11.
- Cover for necktie knots. E. J. Champagne. 2,131,023; Sept. 27.
- Cover for pots, Locking. I. D. Richhelmer. 2,105,201; Jan. 11.
- Cover for receptacles. H. W. Whitaker. 2,131,243; Sept. 27.
- Cover for rectangular curved-top articles. B. F. Kells. 2,131,182; Sept. 27.
- Cover for shoe lasts, Protective. J. H. Vegessy. 2,134,220; Oct. 25.
- Cover for shoes, Protective. C. Miller. 2,134,196; Oct. 25.
- Cover for sinks provided with sprinkling means. G. Frederikson. 2,121,866; June 28.
- Cover for spectacle temples. J. W. Welsh. 2,117,466; May 17.
- Cover for steering wheel rim. K. E. Goit. 2,121,963; June 28.
- Cover for tops of cans and the like. G. C. Davis. 2,105,027; Jan. 11.
- Cover for use with fenderwell, Hinged tire. G. A. Lyon. 2,107,338; Feb. 8.
- Cover for water meters, Dial. L. A. Swander. 2,107,720; Feb. 8.
- Cover holder, Cotton bale. F. J. Herbelin. 2,127,118; Aug. 16.
- Cover interlocking device for safety switches. J. C. Rach. 2,134,986; Nov. 1.
- Cover, Metallic tire. F. Hammond. Re. 20,644; Feb. 1.
- Cover or shield for garment hangers. J. D. Convey. 2,135,277; Nov. 1.
- Cover setter, Plant. C. M. Piglia. 2,141,483; Dec. 27.
- Coverall. W. L. Abel. 2,104,145; Jan. 4.
- Covering and making same, Flexible. E. M. Beagle and H. L. Andrews, Jr. 2,133,886; Oct. 18.
- Covering and making the same, Shoe heel. B. E. Convey. 2,131,632; Oct. 25.
- Covering and the like, Floor. S. C. Clark. 2,132,936; Oct. 11.
- Covering, Building. E. L. Black. 2,117,014; May 10.
- Covering, Building. E. R. Black. 2,133,681; Oct. 18.
- Covering construction. J. A. Topping. 2,132,999; Oct. 11.
- Covering element. A. R. Walton. 2,138,464; Nov. 20.
- Covering, Flexible end grain wood floor. A. Elmerdorf. 2,118,841; May 31.
- Covering for bathtubs, Temporary protective. G. W. Hall. 2,119,210; May 31.
- Covering for buildings and the like, Surface. B. G. Goshin. 2,115,222; Apr. 26.
- Covering for cord connectors, Waterproof rubber. C. T. Von Holtz. 2,127,644; Aug. 23.



- Covering for freshly poured concrete. W. M. Tompkins. 2,133,641; Oct. 18.
- Covering for men's hats, Oil silk. M. A. Iannetta. 2,137,050; Nov. 15.
- Covering for uncured rubber patches, Protective. H. H. Hanson. 2,126,771; Aug. 16.
- Covering, Hand. R. Bohm-Myro. 2,128,796; Aug. 30.
- Covering, Head. R. Lipton. 2,106,570; Jan. 25.
- Covering, Head. R. Lipton. 2,107,951; Feb. 8.
- Covering, Head. R. Lipton. 2,116,076; May 3.
- Coverings, Manufacture of floor. R. G. Knowland. 2,119,081; May 31.
- Covering material. C. E. Rahr. 2,137,308; Nov. 22.
- Covering material. J. A. Topping. 2,106,395; Jan. 25.
- Covering, Protective. W. H. Moss. 2,105,489; Jan. 18.
- Jan. 11.
- Covering, Roof and wall. H. E. Voegeli. 2,125,363; Aug. 2.
- Covering, Shielded wire. H. E. Thompson. 2,111,229; Mar. 15.
- Covering to a frame, Applying. T. P. Wright. 2,110,752; Mar. 8.
- Covering, Wall. J. L. Tuthill. 2,132,499; Oct. 11.
- Coverings and the like, Apparatus for forming. H. M. Pryale, S. C. Clark, and W. S. Vrooman. 2,109,908; Mar. 1.
- Coverings and the like, Forming. H. M. Pryale, S. C. Clark, and W. S. Vrooman. 2,132,185; Oct. 4.
- Coverings, Producing felt base floor. N. L. Campbell. 2,123,646; July 12.
- Covers and the like, Making slip. S. Krasnov. 2,105,123; Covers for abrasive tools, Manufacture of. F. Nown. 2,110,937; Mar. 15.
- Covers in open and closed positions, Holding range top. A. Moecker. 2,124,258; July 19.
- Covers, Method and apparatus for making can. J. L. Lewis. 2,131,057; Sept. 27.
- Cowl construction. F. J. Westrope and A. Person. 2,125,476; Aug. 2.
- Cowl, Ventilator. F. C. Stewart. 2,111,906; Mar. 22.
- Cowling, Controllable engine. K. Campbell and P. B. Taylor. 2,137,386; Nov. 22.
- Cowling fastener. D. Busby. 2,121,784; June 28.
- Cracking process. A. C. Patterson. 2,121,978; June 28.
- Cracks in castings and the like, Closing. N. Hays. 2,121,692; June 21.
- Cracks in castings, Repairing. J. Lemos. 2,122,842; July 5.
- Cradle adjustment for stranding machines. D. S. Robbins and A. C. Uihlein. 2,126,977; Aug. 16.
- Craft, Lifesaving. R. T. G. Mason. 2,129,742; Sept. 13.
- Craft, Marine. C. H. Clark. 2,111,555; Mar. 22.
- Craft, Protecting the sides of. C. A. Baumann, Jr. 2,127,671; Aug. 23.
- Craft, Sailing. M. McIntyre. 2,106,432; Jan. 25.
- Craft, Steering of. H. I. Becker. 2,132,254; Oct. 4.
- Crane. R. D. Kauffman. 2,139,960; Dec. 13.
- Crane. E. A. Ormsby. 2,109,304; Feb. 22.
- Crane and operating the same, Mail. G. J. Barry. 2,135,272; Nov. 1.
- Crane construction. T. A. Foley. 2,130,487; Sept. 20.
- Crane construction, Curtain. G. W. Kirsch. 2,110,671; Mar. 8.
- Crane for snow plows, Wing. C. H. Frink. 2,121,960; June 28.
- Crane, Semitrailer. R. H. Zeilman. 2,126,597; Aug. 9.
- Crane, Soaking pit cover. C. H. Schramm. 2,138,886; Dec. 6.
- Crank and counterweight, Combined. K. R. Jensen. 2,115,814; May 3.
- Crankcase breather and oil filter pipe assembly. H. G. Kamrath. 2,137,054; Nov. 15.
- Crankcase drain. E. Ryder. 2,120,681; June 14.
- Crankcase for internal combustion engines. K. Wilcken. 2,106,939; Feb. 1.
- Crankcase ventilating system. W. W. Lowther. 2,120,050; June 7.
- Crank construction for reels. E. H. Pitney. 2,107,875; Feb. 8.
- Crank driving mechanism, Multiple. W. P. Valentine. 2,137,552; Nov. 22.
- Crank for pumping units, Counterbalance. W. C. Trout. 2,141,424; Dec. 27.
- Crankpin. J. W. Heaston. 2,138,698; Nov. 29.
- Crankpin assembly. C. A. Wheeler. 2,117,124; May 10.
- Crankpin mounting device, Thermostatically controlled variable-throw. T. A. Fee. 2,131,729; Oct. 4.
- Crankpins and the like, Process and apparatus for mounting. H. A. Bergert. 2,118,755; May 24.
- Crankshaft. L. S. Chancellor. 2,140,127; Jan. 13.
- Crankshaft, Built-up. L. F. R. Fell. 2,109,526; Mar. 1.
- Crankshaft chuck. W. F. Groene. 2,128,359; Aug. 30.
- Crankshaft dressing tool. E. A. Foster. 2,133,192; Oct. 11.
- Crankshaft grinding machine. J. I. Garside and C. G. Flygare. 2,142,050; Dec. 27.
- Crankshaft, Hollow. D. J. Campbell. 2,109,083; Feb. 22.
- Crankshaft milling machine. N. M. Marsillus. 2,118,260; May 24.
- Crankshafts, Machining. W. F. Groene and W. R. Meyer. 2,141,466; Dec. 27.
- Crate. W. W. Day. 2,121,905; June 28.
- Crate. J. J. Henze. 2,134,875; Nov. 1.
- Crate, Animal. O. R. Peterson. 2,113,741; Apr. 12.
- Crate, Bottle. P. N. Curtis. 2,120,600; June 14.
- Crate, Bottle. J. A. Hopwood. 2,137,114; Nov. 15.
- Crate, Bottle. W. A. McCutchen. 2,138,424; Nov. 29.
- Crate, Collapsing shipping. J. W. Shaff. 2,126,583; Aug. 9.
- Crate for carpets and the like. W. T. Wilcox. 2,112,003; Mar. 22.
- Crate for packing and unpacking tile. H. S. McElroy. 2,117,194; May 10.
- Crate lidding machine. H. E. Twomley. 2,106,543; Jan. 25.
- Crate, Nonrodded milk. H. S. Lion and C. G. Rohrer. 2,132,118; Oct. 4.
- Crate, Poultry. J. A. Hatch, M. E. Daniels, and R. E. Smart. 2,109,902; Mar. 1.
- Crate, Shipping. A. L. Kiff. 2,135,401; Nov. 1.
- Crates, Construction of milk. H. S. Lion and C. G. Rohrer. 2,111,896; Mar. 22.
- Crating apparatus. E. Anderson. 2,119,767; June 7.
- Cravat or necktie. M. P. and K. H. Exline. 2,104,977; Jan. 11.
- Cream and product, Manufacture of alginate whipped. A. Kleerup. 2,137,916; Nov. 22.
- Cream base, Cosmetic. H. Goodman. 2,129,836; Sept. 13.
- Cream, Colloidal gold-containing. T. Govett. 2,111,912; Mar. 22.
- Cream for buttermaking, Treating. H. E. Kistner. 2,119,461; May 31.
- Cream, Increasing the viscosity of. A. L. Steckelberg and J. Broadhurst. 2,128,565; Aug. 30.
- Cream process and product. H. D. Wendt. 2,121,896; June 28.
- Cream remover. R. G. Coates. 2,124,053; July 19.
- Cream remover. A. A. Horn. 2,123,047; July 5.
- Cream removing device. F. L. Meissner. 2,137,620; Nov. 22.
- Cream separating device. E. Scheemaeker. 2,134,090; Oct. 25.
- Cream, Treatment of. G. W. Phelps, R. Bradley, and D. C. Pierle. 2,137,899; Nov. 22.
- Crease retaining means for garments. L. G. Bowman. 2,129,403; Sept. 6.
- Creaser. T. S. Fitchett. 2,139,890; Dec. 13.
- Creasing mechanism for blank-making machines. C. D. Knowlton. 2,115,724; May 3.
- Credit reference equipment. V. Gronberg. 2,113,804; Apr. 12.
- Creel, Textile. R. Little. 2,120,759; June 14.
- Creeper for tractor belts. E. F. Junger. 2,134,559; Oct. 25.
- Creeper, Mechanic's. F. C. Woelfer, Jr. 2,124,389; July 19.
- Creping apparatus, Multistage. W. H. Cannard. 2,141,809; Dec. 27.
- Cresols and higher phenols by fusion, Production of. J. R. Mares. 2,139,372; Dec. 6.
- Crib and cradle, Combination. M. A. Kinnear. 2,106,927; Feb. 1.
- Crib and the like, Folding. G. Thornton-Norris. 2,133,561; Oct. 18.
- Crib and wardrobe, Combined. M. Grosser. 2,109,267; Feb. 22.
- Crib attachment, Drop-side. N. J. Craddock. 2,130,268; Sept. 13.
- Crib, Baby. R. H. Akin. 2,128,978; Sept. 6.
- Crib, Child's. J. W. Harvey. 2,119,387; May 31.
- Crib construction, Automobile. H. O. Schulz. 2,128,168; Aug. 23.
- Crib side lock. H. W. Neunherz. 2,129,533; Sept. 6.
- Cribbage board, Folding. A. H. Cudmore. 2,108,527; Feb. 15.
- Cribbing. W. L. McDaniel. 2,123,016; July 5.
- Cribbing structure. R. Irvin. 2,109,025; Feb. 22.
- Crimper. B. E. Seemel. 2,110,685; Mar. 8.
- Crimping machine. J. M. White. 2,114,159; Apr. 12.
- Crochet ring. R. G. White. 2,133,221; Oct. 11.
- Crop end deflecting apparatus. J. A. Smitmans. 2,120,313; June 14.
- Crop ends in strip mills, Apparatus for and method of disposing of. G. F. Paul. 2,117,009; May 10.
- Crop lifter. H. D. Hume and J. E. Love. 2,141,299-300; Dec. 27.
- Crops, Apparatus for dehydrating green forage. J. H. Fulmer. 2,135,636; Nov. 8.
- Croquette molder. C. W. Pudlich. 2,108,233; Feb. 15.
- Cross arm mounting hanger. A. Ramsey. 2,108,348; Feb. 15.
- Cross-bar switch. A. C. Magrath. 2,113,215; Apr. 5.
- Cross chain. H. St. Pierre. 2,109,038; Feb. 22.
- Cross country vehicle. O. Daus. 2,121,687; June 21.
- Cross frame member. R. H. Maddock. 2,118,257; May 24.
- Cross head and piston rod and piston construction. E. S. Dennison. 2,109,060; Feb. 22.
- Cross roller bit. F. L. Scott and N. B. Berleth. 2,104,821; Jan. 11.
- Cross winding machine. H. Dersen. 2,105,140; Jan. 11.
- Crossing signal. M. D. Wilson. 2,124,480; July 19.
- Crown and brim protector. F. G. Richards. 2,141,017; Dec. 20.
- Crown cap. G. H. Hutaff, Jr. 2,109,699; Mar. 1.
- Crown rest for bottle crowning machine. J. Kantor. 2,135,212; Nov. 1.
- Crucible for slug casting machines and making same. C. E. Murray. 2,139,511; Dec. 6.



- Crusher. K. Meister. 2,130,673; Sept. 20.  
 Crusher. H. H. Rumpel. 2,110,276; Mar. 8.  
 Crusher and distributor. Gravel. A. L. Jackson. 2,114,078; Apr. 12.  
 Crusher, Cone. H. F. Campbell. 2,132,508; Oct. 11.  
 Crusher, Double acting jaw. O. C. Gruender. 2,131,801; Oct. 4.  
 Crusher frame. G. Buchanan. 2,125,666; Aug. 2.  
 Crusher, Ice. P. A. Eyrick and W. B. Hopkins. 2,123,827; July 12.  
 Crusher, Ice cube. A. Adamczyk. 2,104,577; Jan. 4.  
 Crusher, Impact. E. B. Myers. 2,119,886; June 7.  
 Crusher, Impact. E. B. Symons. 2,110,851; Mar. 8.  
 Crushing and breaking apparatus. W. A. Hiscox. 2,138,857; Nov. 29.  
 Crushing and mixing, Process of and machine for. P. B. Bucky. 2,130,064; Sept. 13.  
 Crushing machine. O. C. Gruender. 2,107,786; Feb. 8.  
 Crushing machine, Gyratory. P. B. Brown. 2,135,324; Nov. 1.  
 Crushing machinery. G. W. Borton. 2,108,793; Feb. 22.  
 Crushing method. E. B. Symons. 2,110,850; Mar. 8.  
 Crushing mill. W. A. Beaudry. 2,108,160; Feb. 15.  
 Crushing mill. W. A. Beaudry. 2,109,856; Mar. 1.  
 Crust formations on the walls of boilers, Preventing. P. S. D. Mazza. 2,118,979; May 31.  
 Crustacea, Process of and apparatus for treating. P. A. Dubus. 2,104,027; Jan. 4.  
 Crutch. E. L. Menton. 2,116,730; May 10.  
 Crutch or cane spike. C. B. Francis. 2,116,941; May 10.  
 Cryptograph, Watch type. A. L. de Livi. 2,123,234; July 12.  
 Cryptographic apparatus. W. F. Friedman. 2,139,676; Dec. 13.  
 Cryptographic device. W. F. Friedman. 2,140,424; Dec. 13.  
 Cryptographic device. J. C. Wobensmith. 2,138,532; Nov. 29.  
 Crystal holder. I. E. Fair. 2,123,236; July 12.  
 Crystal mounting. Piezoelectric. F. W. Smalts. 2,139,918; Dec. 13.  
 Crystal oscillator receiving system. A. Bailey. 2,123,874; July 19.  
 Crystalline formation. A. M. Marks. 2,104,949; Jan. 11.  
 Crystallization and crystallized products. C. L. Baker. 2,116,423; May 3.  
 Crystallization of inorganic colloids in aqueous association, Restraint of. W. A. Boughton and W. R. Mansfield. 2,113,533; Apr. 5.  
 Crystallization method. W. E. Burke, W. H. Allen, R. B. Peet, C. F. Ritchie, and W. A. Gale. 2,130,065; Sept. 13.  
 Crystals, Apparatus for mounting piezo-electric. H. A. Clarke. 2,139,998; Dec. 13.  
 Cubic units for small houses, Prefabricated. K. H. Brunner. 2,115,615; Apr. 26.  
 Cuff. F. O. C. Brown. 2,105,471; Jan. 18.  
 Cuff fastener. J. E. Kauffman. 2,139,308; Dec. 6.  
 Cuff folding device. J. Lyska. 2,108,542; Feb. 15.  
 Cuff, Knit. W. H. Berry. 2,111,353; Mar. 15.  
 Cuff link. E. S. Mix. 2,123,790; July 12.  
 Culinary appliance. H. J. Goldblatt and J. B. Kessel. 2,113,916; Apr. 12.  
 Culinary appliance. H. J. Goldblatt and J. B. Kessel. 2,116,756; May 10.  
 Culinary device. M. Leach. 2,107,380; Feb. 8.  
 Culinary machine, Motor driven. J. Lips. 2,125,118; July 26.  
 Culinary structure. J. R. Burch. 2,125,989; Aug. 9.  
 Culum, Flotation of. B. D. Crawford and H. A. Grine. 2,136,074; Nov. 8.  
 Culum, Flotation of. N. Hedley. 2,136,341; Nov. 8.  
 Cultivator. W. R. Hardy. 2,131,659; Sept. 27.  
 Cultivator. W. H. Silver. 2,132,762; Oct. 11.  
 Cultivator and weed cutter, Combined. W. Ackerman. 2,104,004; Jan. 4.  
 Cultivator attachment. H. Jess. 2,136,851; Nov. 15.  
 Cultivator attachment. T. Sheehan and E. W. Phillips. 2,139,979; Dec. 13.  
 Cultivator attachment for tractors. R. C. Lange. 2,111,453; Mar. 15.  
 Cultivator bracing and fender attachment. C. D. Shanks. 2,116,161; May 3.  
 Cultivator, Cotton. W. W. Young. 2,120,915; June 14.  
 Cultivator foot for tractors, Automatic. M. L. and A. C. Garrison. 2,109,385; Feb. 22.  
 Cultivator, Garden. F. F. Nichols. 2,119,924; June 7.  
 Cultivator or harrow, Motor driven. J. A. Lassus. 2,117,065; May 10.  
 Cultivator, Power propelled. J. J. Stewart and B. Thomas. 2,115,220; Apr. 26.  
 Cultivator, Rotary. C. T. Custer. 2,128,077; Aug. 23.  
 Cultivator shovel positioning mechanism. A. Spande. 2,109,055; Feb. 22.  
 Cultivator, Tractor. J. Pancheri. 2,124,005; July 19.  
 Cultivators or the like, Attachment for corn. C. R. Roberts. 2,124,472; July 19.  
 Culture device. H. T. Prescott. 2,118,084; May 24.  
 Culture, Manufacturing. F. W. Nordseik. 2,121,442; June 21.  
 Culvert. R. A. Bradley. 2,115,190; Apr. 29.  
 Culvert. E. L. Carswell and O. W. Schmidt. 2,120,870; Aug. 16.  
 Culverts, Making corrugated metal. E. F. Lundeen. 2,124,882; July 26.  
 Cumulative demand meter. W. C. Wagner. 2,123,977; July 19.  
 Cup. See—  
 Elevator cup.  
 Surgical aspirated drainage cup.  
 Vacuum cup.  
 Cup. K. Clark. 2,111,312; Mar. 15.  
 Cup and blank for making the same, Paper drinking. R. J. Hutt and G. A. Hutt. 2,114,470; Apr. 19.  
 Cup and ice cream receptacle, Conical. M. Merta. 2,105,949; Jan. 18.  
 Cup, Cylinder. C. V. Gardner. 2,134,783; Nov. 1.  
 Cup, Drinking. R. L. Gray and L. V. Lucia. 2,110,765; Mar. 8.  
 Cup for packaging confections. R. C. Fenner. 2,125,069; July 26.  
 Cup making machine. A. F. Miller. 2,125,848; Aug. 2.  
 Cup making machine, Paper. H. Carew. 2,140,665; Dec. 20.  
 Cup mouthpiece for brass instrument. A. A. Lunow. 2,104,388; Jan. 4.  
 Cup, Musical instrument valve drip. A. Natoli. 2,137,992; Nov. 22.  
 Cup, Paper drinking. D. B. Logan. 2,114,395; Apr. 19.  
 Cup, Paper drinking. L. V. Lucia. 2,131,003; Sept. 20.  
 Cup pastry baking machine. J. W. Wharmby. 2,124,723; July 26.  
 Cup, Sputum. K. C. Hamilton. 2,126,701; Aug. 16.  
 Cup, Suction. C. Kaack. 2,131,224; Sept. 27.  
 Cup, Viscosity. E. A. Zahn. 2,141,329; Dec. 27.  
 Cupboard and table, Combination. F. Hollwager. 2,126,330; Aug. 9.  
 Cupola, Hot blast. C. D. Barr and D. O. Holmes. 2,104,393; Jan. 4.  
 Cups, Forming paper. C. Barbieri. 2,104,535; Jan. 4.  
 Cups, Method and machine for making paper. W. E. Amberg. 2,139,614; Dec. 6.  
 Curing apparatus. B. S. Glougie. 2,134,364; Oct. 25.  
 Curlier. R. M. McFadden. 2,109,218; Feb. 22.  
 Curlier, Eyelash. L. Eisenman. 2,129,755; Sept. 13.  
 Curlier, Eyelash. C. M. Palmer. 2,134,731; Nov. 1.  
 Curlier, Eyelash. H. S. Risberg. 2,133,042; Oct. 11.  
 Curlier, Flat hair. H. Natkiel. 2,109,338; Feb. 22.  
 Curlier, Hair. B. E. Beadle. 2,133,797; Oct. 18.  
 Curlier, Hair. G. Boulard. 2,127,349; Aug. 16.  
 Curlier, Hair. J. Coggans and R. Kelso. 2,136,783; Nov. 15.  
 Curlier, Hair. J. Coggans and R. Kelso. 2,138,905; Dec. 6.  
 Curlier, Hair. V. A. Conklin. 2,111,171; Mar. 15.  
 Curlier, Hair. A. P. Cunningham. 2,112,074; Mar. 22.  
 Curlier, Hair. J. Goodman. 2,116,111-2; May 3.  
 Curlier, Hair. J. Jacobs. 2,130,685; Sept. 20.  
 Curlier, Hair. J. Jacobs. 2,134,762; Nov. 1.  
 Curlier, Hair. J. Jacobs. 2,140,583; Dec. 20.  
 Curlier, Hair. E. Kuhn. 2,123,421; July 12.  
 Curlier, Hair. H. H. Klein. 2,118,312; May 24.  
 Curlier, Hair. R. Krasberg. 2,113,657; Apr. 12.  
 Curlier, Hair. C. W. Renstrom. 2,118,737; May 24.  
 Curlier, Hair. G. L. Smith. 2,140,857; Dec. 20.  
 Curlier, Hair. N. L. Solomon. 2,139,844; Dec. 13.  
 Curlier, Hair. P. Tresenberg. 2,112,582; Mar. 29.  
 Curlier, Hair. G. Unwin. 2,110,372; Mar. 8.  
 Curlier, Hair. A. R. Visitation. 2,132,500; Oct. 11.  
 Curlier pad. R. M. McFadden. 2,106,326; Jan. 25.  
 Curlier, Permanent wave. S. A. Hamilton. 2,108,374; Feb. 15.  
 Curlier, Pin. R. McCormick. 2,138,608; Nov. 29.  
 Curlier, Pneumatic hair. A. P. Cunningham. 2,112,073; Mar. 22.  
 Curlier, Ringlet. N. L. Solomon. 2,107,348; Feb. 8.  
 Curling clip. P. Langlet. 2,121,821; July 26.  
 Curling device. L. G. Arpin and A. J. Bedwell. 2,137,828; Nov. 22.  
 Curling iron, Electrically heated. W. C. Kus. 2,119,168; May 31.  
 Current apparatus, Alternating. A. V. Petersen. 2,106,556; Jan. 25.  
 Current apparatus for testing magnetizable materials, Alternating. W. Thal. 2,134,539; Oct. 25.  
 Current arc welding transformer, Alternating. E. Pries. 2,133,919; Oct. 18.  
 Current collecting device. H. G. French. 2,109,991; Mar. 1.  
 Current collecting device. W. Schmake. 2,121,612; June 21.  
 Current collecting devices, Making. H. G. French. 2,109,992; Mar. 1.  
 Current collection apparatus. F. T. Hagne and F. R. Davis. 2,106,842; Feb. 1.  
 Current collector. L. A. Messe. 2,111,154; Dec. 20.  
 Current conductor support. L. S. Nergaard. 2,130,300; Sept. 15.  
 Current connection for oscillating fans. Flexible. C. G. Green. 2,133,985; Oct. 25.  
 Current control apparatus, Alternating. T. A. Behrens. 2,107,360; Feb. 8.  
 Current control, Resistance welding. E. H. Vadder. 2,111,013; Mar. 15.  
 Current controlling article, Flame sensitive. C. C. Hower. 2,106,249; Jan. 25.  
 Current converter, Electric. J. M. Postarini. 2,106,014; Jan. 18.  
 Current converting system, Electric. W. Fouquet. 2,112,083; Mar. 22.



- Current, Delivering an intermittent electrical. D. O. Sproule. 2,105,675; Jan. 18.
- Current, Device for rectifying alternating. C. Hambuechen. 2,111,047; Mar. 15.
- Current-direct current dynamic braking system for hoist motors, Alternating. L. H. Colbert. 2,110,906; Mar. 15.
- Current diversion means. L. E. Fisk and L. E. Lucas. 2,106,564; Jan. 25.
- Current electrical generator, Direct. J. M. Pestarini. 2,112,604; Mar. 29.
- Current flow, Interrupting. N. J. Conrad. 2,134,470; Oct. 25.
- Current flow timing device. D. C. Wright. 2,105,899; Jan. 18.
- Current fluctuations, Compensation of alternating. T. Zuschlag. 2,117,390; May 17.
- Current generating and distribution system, High frequency. P. N. Roseby. 2,141,489; Dec. 27.
- Current indicator. H. H. Rudd. 2,138,430; Nov. 29.
- Current intake with automatic adjustment of temperature for electric heating apparatus, Support forming. J. Lobstein. 2,140,756; Dec. 20.
- Current interrupter, Electric. H. Buchwald and E. Marx. 2,134,506; Oct. 25.
- Current interrupting means. E. O. Schweitzer, Jr. 2,122,872; July 5.
- Current into alternating current, Device for converting direct. J. W. Alexander. 2,141,369; Dec. 27.
- Current into alternating current, Device for transforming direct. J. W. Alexander. 2,137,375; Nov. 22.
- Current measuring apparatus, Peak alternating controlling. O. C. Traver. 2,114,865; Apr. 19.
- Current measuring device, Alternating. R. Schienemann. 2,129,287; Sept. 6.
- Current motor. J. G. Gholston. 2,133,023; Oct. 11.
- Current motor. J. K. Luther. 2,127,747; Aug. 23.
- Current motor. N. J. Schlachter. 2,135,115; Nov. 1.
- Current power circuit, Alternating. R. O. Lundholm and H. Spanne. 2,137,579; Nov. 22.
- Current quantities, System for measuring alternating. W. Geyger. 2,138,344; Nov. 29.
- Current relay, Direct. R. M. Heintz. 2,133,511; Oct. 18.
- Current relay, Reverse. B. D. Bedford. 2,142,015; Dec. 27.
- Current-responsive device, Thermal. T. A. Rich. 2,112,047; Mar. 22.
- Current transformer. G. Camilli. 2,129,524; Sept. 6.
- Current transformer, Electric direct. J. M. Pestarini. 2,107,740; Feb. 8.
- Current transmission system. M. T. Wintsch. 2,105,134; Jan. 11.
- Current wave handling, Electric. H. R. Fowler. 2,133,980; Oct. 25.
- Currents, Apparatus for measuring high-frequency alternating. J. Stanek. 2,134,589; Oct. 25.
- Currents, Apparatus for rectifying alternating electric. J. Dormoy. 2,114,898; Apr. 19.
- Currents, Arrangement for converting alternating. E. Janetschke. 2,137,052; Nov. 15.
- Currents, Device for transmitting electric. K. Papello. 2,135,835; Nov. 8.
- Currents, Method and apparatus for amplifying and recording electrical. F. G. Pauly. 2,124,208; July 19.
- Curtain. E. C. Carter. 2,116,339; May 3.
- Curtain. B. M. Talbot. 2,134,458; Oct. 25.
- Curtain, Adjustable. H. Geller. 2,123,413; July 12.
- Curtain and drape bracket. I. Pisciotta. 2,138,507; Nov. 29.
- Curtain and manufacturing the same, Lace. E. F. Stiner. 2,138,432; Nov. 29.
- Curtain and shade bracket. A. Pinto. 2,125,084; July 26.
- Curtain and shade, Combined. A. E. Johnson. 2,140,080; Dec. 13.
- Curtain and shade holder, Combination. L. Farner and L. Ricci. 2,134,078; Oct. 25.
- Curtain fixture. J. H. Boye. 2,115,798; May 3.
- Curtain fixture. D. T. Graham. 2,129,419; Sept. 6.
- Curtain fixture. W. S. Hamm. 2,118,837; Apr. 12.
- Curtain fixture structure. J. Schunk. 2,134,292; Oct. 25.
- Curtain for doorways, Flexible. D. K. Mims, D. C. E. Leonard, and J. V. Jamison, Jr. 2,122,532; July 5.
- Curtain for wardrobe sections of luggage. A. Kaufmann. 2,115,334; Apr. 26.
- Curtain, Fruit. F. C. Hunt and L. J. McGrath. 2,131,376; Sept. 27.
- Curtain holder. N. C. Hansen and W. H. Francis. 2,127,060; Aug. 16.
- Curtain holder. F. L. Lennox. 2,107,421; Feb. 8.
- Curtain holder, Adjustable. H. T. Funk. 2,117,714; May 17.
- Curtain, Indoor storm. W. O. Higby. 2,126,328; Aug. 9.
- Curtain lifter, Master. P. E. Baginski. 2,123,622; July 12.
- Curtain, Light seal. L. F. Julien. 2,132,986; Oct. 11.
- Curtain position retainer, Shower. J. W. Yardley. 2,131,156; Sept. 27.
- Curtain rigging, Stage. C. E. Tompkins. 2,142,063; Dec. 27.
- Curtain rod. M. Bayard. 2,133,268; Oct. 18.
- Curtain rod. A. R. Spencer. 2,109,738; Mar. 1.
- Curtain rod bracket, Detachable. P. W. Johnson. 2,105,482; Jan. 18.
- Curtain-rod holder. J. Zbock. 2,135,159; Nov. 1.
- Curtain roll cutter. G. E. Hubbard. 2,134,332; Oct. 25.
- Curtain stretching and drying apparatus. J. Faber, Jr. 2,126,762; Aug. 16.
- Curtain support. C. P. Henry. 2,110,598; Mar. 8.
- Curtain support. C. Landau. 2,104,261; Jan. 4.
- Curtain suspension and curtain reeving appliance. G. F. French. 2,117,606; May 17.
- Curtain suspension device, Shower. G. S. Weckstrom. 2,106,585; Jan. 25.
- Curtain tie-back design holder. D. A. Huber. 2,119,815; June 7.
- Curtain tie-back device. G. M. Caggiano. 2,107,885; Feb. 8.
- Curve plotting and drafting instrument. T. B. Knox. 2,138,494; Nov. 29.
- Curved abrasive fabric. R. C. Bryant. 2,115,904; May 3.
- Cushion, Adjustable. L. Wallace. 2,108,242; Feb. 15.
- Cushion and life belt, Combined. G. R. Shaw. 2,132,544; Oct. 11.
- Cushion and support, Heel and arch. M. M. Farley. 2,119,807; June 7.
- Cushion, Back. F. O. Church. 2,105,997; Jan. 18.
- Cushion, Basket. J. H. Woodall. 2,135,955; Nov. 8.
- Cushion, etc., Packing. J. H. Woodall. 2,135,956; Nov. 8.
- Cushion, Padded spring. O. M. Burton. 2,125,621; Aug. 2.
- Cushion, Spring. J. M. Coughy. 2,124,730; July 26.
- Cushion, Spring. D. H. Van Hove. 2,124,720; July 26.
- Cushion, Spring and air. M. Stubnitz. 2,117,524; May 17.
- Cushion structure, Spring. T. Koliba. 2,107,446; Feb. 8.
- Cushion structure, Spring. A. Krakauer. 2,113,377; Apr. 5.
- Cushion structure, Spring. T. D. Stewart. 2,117,748; May 17.
- Cushion unit forming apparatus. W. P. Cousino. 2,133,428; Oct. 18.
- Cushion wheel. E. F. Maas. 2,113,379; Apr. 5.
- Cushioning device. A. A. Gobeille, Sr. 2,136,077; Nov. 8.
- Cushioning device. R. C. Hobson. 2,108,124; Feb. 15.
- Cushioning device. J. Mercier. Re. 20,887; Oct. 18.
- Cushioning device for railroad cars. O. C. Duryea. 2,141,521-2; Dec. 27.
- Cushioning mechanism. D. S. Barrows. 2,141,680; Dec. 27.
- Cushioning mechanism. L. M. Clark. 2,116,189; May 3.
- Cushioning of automobiles or like vehicles. S. T. Liem. 2,127,123; Aug. 16.
- Cut and fill slope indicator. E. Johnson. 2,113,272; Apr. 5.
- Cuticle remover. F. Grodka. 2,116,888; May 10.
- Cut-off and transfer mechanism. R. L. Wilcox. 2,105,387; Jan. 11.
- Cut-off and transfer mechanism for metal swaging machines. J. J. Kearney. 2,132,853; Oct. 11.
- Cut off, Duplex. T. S. Fitchett and H. B. Greenwood. 2,122,031; June 28.
- Cut-off for electric irons, Automatic. J. Muldowney. 2,109,181; Feb. 22.
- Cut-off machine. R. J. Corrigan. 2,112,396; Mar. 29.
- Cut-off machine. R. D. Gardner. 2,107,566; Feb. 8.
- Cut-off machine. O. H. Jensen. 2,133,542; Oct. 18.
- Cut-off mechanism. R. L. Wilcox. 2,105,385; Jan. 11.
- Cut-off mechanism. R. L. Wilcox and H. L. Hoyt. 2,105,386; Jan. 11.
- Cut-off mechanism for straw making machines. K. E. Garling. 2,109,146; Feb. 22.
- Cut-off valve, Automatic. W. S. Diehl. 2,120,242; June 14.
- Cut-out. N. A. Dey. 2,134,075; Oct. 25.
- Cut-out. A. Ramsey. 2,108,993; Feb. 22.
- Cut-out. W. O. Schultz. 2,110,835; Mar. 8.
- Cut-out. W. O. Schultz and A. G. Steinmayer. 2,104,933; Jan. 11.
- Cut-out device. H. J. Lingal and H. J. Crabbs. 2,134,566; Oct. 25.
- Cut-out, Electrical. T. Birkenmaier. 2,135,787; Nov. 8.
- Cut-out for split phase motors. R. E. Wedge and O. C. Turner. 2,139,531; Dec. 6.
- Cut-out, High voltage fusible. G. L. Hill. 2,112,841; Apr. 5.
- Cut-out, Ignition. J. J. Jwanoskos, Jr., G. C. Lundgren, and J. D. Swan, Jr. 129,062; Sept. 6.
- Cut-out, Reclosable automatic overload. E. Zahradnik. 2,127,319; Aug. 16.
- Cut-out, Thermal. K. C. Beckett and S. I. Lindell. 2,133,945; Oct. 25.
- Cut seaming machine. W. J. Robinson and J. J. Galligan. 2,117,452; May 17.
- Cutter. See—  
 Angle cutter.  
 Brick and tile cutter.  
 Butter cutter.  
 Cable cutter.  
 Casing-cutter.  
 Corn cutter.  
 Curtain roll cutter.  
 Doughnut cutter.  
 Drill cutter.  
 Finishing cutter.  
 Food cutter.  
 Fruit and vegetable cutter.  
 Gear cutter.  
 Glass-tube cutter.  
 Hedge cutter.  
 Ice cutter.  
 Inserted blade cutter.  
 Inside casing cutter.  
 Meat cutter.  
 Milling cutter.  
 Outside pipe cutter.



## Cutter: See—

Paper cutter.  
Pin cutter.  
Pipe cutter.  
Pole shaping cutter.  
Reamer cutter.  
Root cutter.  
Rotary cutter.  
Rubber bale cutter.  
Sheet material cutter.  
Cutter. W. S. Jones. 2,112,026; Mar. 22.  
Cutter. H. C. Smith. 2,126,145; Aug. 9.  
Cutter. H. D. Stevens. 2,132,835; Oct. 11.  
Cutter and pitter for cling stone peaches. V. L. Stathem. 2,113,500; Apr. 5.  
Cutter and slicer. Vegetable. K. W. Mesterton. 2,114,427-8; Apr. 19.  
Cutter and spindle assembly. C. E. Reed. 2,111,732; Mar. 22.  
Cutter and spindle assembly for earth boring drills. Roller. C. E. Reed. 2,126,041; Aug. 9.  
Cutter and the like. Dough batch. C. E. Carpenter. 2,117,399; May 17.  
Cutter bar. C. L. Bowman. 2,109,081; Feb. 22.  
Cutter bar, Mining machine. C. L. Bowman. 2,109,082; Feb. 22.  
Cutter blade and mounting therefor. Inserted. F. P. Miller. 2,134,140; Oct. 25.  
Cutter chain. M. P. Holmes. 2,107,942; Feb. 8.  
Cutter chain. J. F. Joy. 2,125,296; Aug. 2.  
Cutter chain. W. Noble. 2,121,043-4; June 21.  
Cutter chain. C. F. Osgood. 2,131,188; Sept. 27.  
Cutter chain. L. E. Simmons. 2,123,213; July 12.  
Cutter chain and cutter bar. R. K. Jeffrey. 2,139,410; Dec. 6.  
Cutter clamping mechanism. J. S. Bartek. 2,104,604; Jan. 4.  
Cutter flushing device. R. P. Sherman. 2,104,823; Jan. 11.  
Cutter for and method of cutting gears. J. E. Gleason. 2,126,004; Aug. 9.  
Cutter for and method of making gears. M. H. Johanson. 2,126,262; Aug. 9.  
Cutter for cutting gears. F. E. McMullen and E. T. Slayton. 2,125,943; Aug. 9.  
Cutter for double fabric looms. Pile. O. V. Payne. 2,123,255; July 12.  
Cutter for lawn mowers. Auxiliary. J. G. McLain. 2,140,963; Dec. 20.  
Cutter for pole shaping machines. A. M. Deiters and E. R. Gillon. 2,109,414; Feb. 22.  
Cutter grinder. J. B. Armitage. 2,118,912; May 31.  
Cutter grinder. F. W. Curtis. 2,118,967; May 31.  
Cutter head for corn cutting machines. R. Cover. 2,141,346; Dec. 27.  
Cutter mounting. F. C. Smith, Jr. 2,122,763; July 5.  
Cutter or grater. Vegetable. R. Rupert. 2,109,358; Feb. 22.  
Cutter or sickle bar. D. H. Bennett. 2,133,277; Oct. 18.  
Cutter organization for earth boring drills. Roller. C. E. Reed. 2,126,040; Aug. 9.  
Cutter relieving means for shaping machines. E. W. Miller. 2,125,304; Aug. 2.  
Cutter sharpening machine. W. E. Sykes. 2,108,239; Feb. 15.  
Cutter sharpening machine. W. E. Sykes. 2,124,990; July 26.  
Cutter, spindle, and antifriction bearing assembly. Roller. C. E. Reed. 2,126,038; Aug. 9.  
Cutter spindle and bearing assembly for earth boring drill. Roller. C. E. Reed. 2,126,034; Aug. 9.  
Cutter support for roller drills. F. L. Scott. 2,122,758; July 5.  
Cutter with helical teeth. Milling. F. Gouverneur. 2,124,818; July 26.  
Cutting and folding machine. J. E. Meyer. 2,139,241; Dec. 6.  
Cutting apparatus. J. R. Morris. 2,122,261; June 28.  
Cutting apparatus. C. A. Pitts. 2,111,989; Mar. 22.  
Cutting apparatus. A. Tapparo. 2,130,045; Sept. 13.  
Cutting attachment. W. J. Schutte. 2,118,740; May 24.  
Cutting block. H. L. Glidden. 2,115,507; Apr. 26.  
Cutting block. R. Waunch. 2,105,566; Jan. 18.  
Cutting device. J. F. Arthur. 2,120,960; June 21.  
Cutting device. H. A. Cumfer. 2,132,460; Oct. 11.  
Cutting device. M. A. Etzenhouser and W. D. Hawn. 2,140,901; Dec. 20.  
Cutting device. F. F. Ruau. 2,130,473; Sept. 20.  
Cutting die. G. F. Ryan. 2,124,591; July 26.  
Cutting die. V. W. Short. 2,129,448; Sept. 6.  
Cutting feature for cloth measuring machines. W. E. Aeschbach. 2,112,413; Mar. 29.  
Cutting, folding, and stapling mechanism for use with printing machines. T. J. Mills and C. G. Quick. 2,137,978; Nov. 22.  
Cutting implement. N. V. Casson. 2,141,854; Dec. 27.  
Cutting implement. H. Ogletree. 2,109,803; Feb. 22.  
Cutting implement. V. L. Stathem. 2,124,718; July 26.  
Cutting instrument. Electrical. G. H. Beuoy. 2,120,598; June 14.  
Cutting machine. G. T. Balfe. 2,121,003; June 21.  
Cutting machine. F. E. Bertrand. 2,139,485; Dec. 6.  
Cutting machine. F. W. Bilker and J. B. Ball. 2,109,057; Feb. 22.  
Cutting machine. L. Brown. 2,134,171; Oct. 25.

Cutting machine. J. P. Crowley and C. B. Schafer. 2,118,170; May 24.  
Cutting machine. T. H. Seely. 2,125,959; Aug. 9.  
Cutting machine. A. R. Thompson. 2,108,951; Feb. 22.  
Cutting machine. W. E. and J. R. Urschel. 2,138,262; Nov. 29.  
Cutting machine. E. L. Walters. 2,110,349; Mar. 8.  
Cutting machine for bricks or the like, Automatic. L. Poussel. 2,134,374; Oct. 25.  
Cutting machine for seed potatoes. D. French. 2,141,527; Dec. 27.  
Cutting machine such as a safety razor. L. Wimberger. 2,141,582; Dec. 27.  
Cutting machine. Universal. J. D. McKiernan. 2,127,959; Aug. 23.  
Cutting mechanism for finishing machines. M. W. Winkler. 2,132,713; Oct. 11.  
Cutting, mixing, and attrition mill, Rotary. R. C. Hopkins. 2,111,364; Mar. 15.  
Cutting off wheel. D. E. Webster. 2,121,751; June 21.  
Cutting-oil compounds, Making. J. E. Wilkey. 2,140,215; Dec. 13.  
Cutting or grinding equipment. H. J. Perazzoli. 2,137,306; Nov. 22.  
Cutting or milling machine. G. A. Bouvier and H. R. Laird. 2,116,593; May 10.  
Cutting stick. N. S. Baer. 2,120,926; June 14.  
Cutting table. L. I. Louviaux. 2,122,258; June 28.  
Cutting tool. W. A. Breidenbach. 2,109,686; Mar. 1.  
Cutting tool. S. A. Cogsdill. 2,138,727; Nov. 29.  
Cutting tool. H. C. Porter. 2,113,769; Apr. 12.  
Cutting tool. G. R. Scott. 2,124,126; July 19.  
Cutting tool. C. K. Southwick. 2,141,492; Dec. 27.  
Cutting tool. W. Williams. 2,121,752; June 21.  
Cutting tool. C. H. Zimmerman. 2,134,069; Oct. 25.  
Cutting tool, Hard alloy. H. E. Flanders. 2,124,577; July 26.  
Cyanide manufacture. H. J. Hosking. 2,125,377; Aug. 2.  
Cyanide manufacture. W. B. Tanner. 2,138,519; Nov. 29.  
Cyanide process. L. Klein. 2,124,421; July 19.  
Cyanide process, Metallurgical. L. D. Mills, T. B. Crowe, and J. C. Haun. 2,112,298; Mar. 29.  
Cyanide system. L. D. Mills and T. B. Crowe. 2,140,591; Dec. 20.  
Cyanides, Melting. D. A. Holt. 2,128,819; Aug. 30.  
Cyanogen compounds, Recovering. F. D. Schreiber. 2,110,244; Mar. 8.  
Cycle control attachment. Infeed. H. Ernst and R. D. Wortendyke. 2,142,022; Dec. 27.  
Cycle control device. One. L. Trapp. 2,134,218; Oct. 25.  
Cyclic compounds, Alkylating. B. Malishev. 2,141,611; Dec. 27.  
Cyclohexene chlorhydrin. A. A. Levine and O. W. Cass. 2,119,485; May 31.  
Cyclohexene derivatives. W. G. Christiansen. 2,117,299; May 17.  
Cyclohexylammonium mandelate. E. H. Stuart. 2,140,461; Dec. 13.  
Cylinder and automatic valve means to control the same. Single or tandem compound. C. B. Yoder. 2,112,429; Mar. 29.  
Cylinder and stop light switch for hydraulic brake systems. Combined master. J. W. White. 2,134,902; Nov. 1.  
Cylinder attachment. R. Chilton. 2,137,391; Nov. 22.  
Cylinder boring machine. R. L. Hibbard. 2,135,508; Nov. 8.  
Cylinder, Cotton cleaning. O. Mitchell. 2,109,888; Mar. 1.  
Cylinder, Doffing brush. J. W. Behle. 2,135,478; Nov. 8.  
Cylinder for hydraulic brake systems. Master. J. W. White. 2,137,554; Nov. 22.  
Cylinder for hydraulic braking systems. Master. W. A. Bertrand. 2,124,363; July 19.  
Cylinder for printing machines, Impression. H. Little. 2,110,302; Mar. 8.  
Cylinder gauge. J. Stark. 2,121,614; June 21.  
Cylinder-gripper and sheet-actuating mechanism. J. Sinkovitz and A. A. Saul. 2,119,754; June 7.  
Cylinder head. R. Chilton. 2,132,605; Oct. 11.  
Cylinder head. A. Taub. 2,133,392; Oct. 18.  
Cylinder head and combustion chamber for internal combustion engines. I. E. Aske. 2,138,431; Nov. 29.  
Cylinder head attachment. R. Chilton and R. E. Gagg. 2,127,461; Aug. 16.  
Cylinder head construction. Monovalve. W. M. Pate. 2,105,699; Jan. 18.  
Cylinder head for internal combustion engines. C. A. and D. A. Gants. 2,129,319; Sept. 6.  
Cylinder head for internal combustion engines. A. Schwarz. 2,139,977-8; Dec. 13.  
Cylinder head for internal combustion engines, for the pre-purification of light fuel and for cracking of heavy oils. M. V. Crillon. 2,108,706; Feb. 15.  
Cylinder head for two cycle double cone cylinder internal combustion engines. A. Portmann. 2,142,061; Dec. 27.  
Cylinder liner for internal combustion engines. A. E. Sanders. 2,108,292; Feb. 15.  
Cylinder lock. R. K. Gray. 2,123,910; July 19.  
Cylinder lock. N. B. Hurd. 2,104,397; Jan. 4.  
Cylinder lock. G. E. Swanson. 2,113,007; Apr. 5.  
Cylinder machine. R. Pöhlner. 2,105,261; Jan. 11.  
Cylinder of a combustion engine with connected crank-case. A. Berger. 2,132,842; Oct. 11.



- Cylinder, Printing. O. R. Huggins. 2,117,722; May 17.  
 Cylinder surfacing tool. H. W. Zimmerman. 2,118,720; May 24.  
 Cylinder, Threshing machine. G. L. Heinlein. 2,133,451; Oct. 18.  
 Cylinder unit, Multiple master. J. W. White. 2,141,498; Dec. 27.  
 Cylinders, Apparatus for corrugating. A. G. Wery and L. A. Peppler. 2,112,509; Mar. 29.  
 Cylinders for internal combustion engines, Producing. E. F. Gehret. 2,125,106; July 26.  
 Cylinders, Making hydraulic. J. W. White. 2,126,237; Aug. 9.  
 Cylinders, Method of and apparatus for forming plastic. A. H. Haupt. 2,115,105; Apr. 26.  
 Cylinders of two-stroke internal combustion engines, Charging and scavenging of the. M. Kadenacy. 2,131,957; Oct. 4.  
 Cylindrical foundation tube. K. Yokoyama. 2,129,978; Sept. 13.  
 Cylindrical objects, Manufacture of. F. W. Whitehead and W. T. Goodby. 2,118,959; May 31.  
 Dairy products, Method of and apparatus for purifying. C. and H. Doering. 2,132,099; Oct. 4.  
 Dam. J. D. Madaras. 2,128,657; Aug. 30.  
 Dam. E. H. Parkinson, T. E. Gardner, and W. T. Vint. 2,138,071; Nov. 29.  
 Dam. P. Subkow and L. B. Beckwith. 2,130,044; Sept. 13.  
 Dam, Building a. S. W. Stewart and C. V. Davis. 2,133,256; Oct. 11.  
 Dam construction. E. H. Parkinson, T. E. Gardner, and W. T. Vint. 2,133,070; Nov. 29.  
 Dam, Erosion check. F. A. Skow. 2,111,819; Mar. 22.  
 Dam forming attachment. L. Taylor. 2,107,967; Feb. 8.  
 Dam structure, Movable. H. E. Smyser. 2,118,118; May 24.  
 Dampener for printing presses. E. C. Grembecki. 2,108,984; Feb. 22.  
 Dampening device. J. E. Younger. 2,124,098; July 19.  
 Dampening device for printing machines. A. Stobb. 2,125,206; July 26.  
 Dampening mechanism for printing presses. A. B. Mitchell. 2,118,517; May 24.  
 Dampening system for lithographic and analogous presses. J. G. Goedike. 2,126,768; Aug. 16.  
 Damper. C. R. Anderson. 2,118,752; May 24.  
 Damper. J. and S. Corbman. 2,124,484; July 19.  
 Damper. J. Kirgan. 2,139,505; Dec. 6.  
 Damper. J. M. Tapley. 2,116,648; May 10.  
 Damper, Air flow indicating. M. C. Richardson. 2,116,911; May 10.  
 Damper and damper-clip construction. E. G. Schartow. 2,134,844; Nov. 1.  
 Damper construction. A. A. Goese. 2,106,093; Jan. 18.  
 Damper control. A. D. Cole. 2,113,440; Apr. 5.  
 Damper control device. H. Rosenberg. 2,114,115; Apr. 12.  
 Damper control device. H. Rosenberg. 2,129,505; Sept. 6.  
 Damper control unit. E. O. Young. 2,130,476; Sept. 20.  
 Damper, Dynamic. R. Chilton. 2,116,861; May 10.  
 Damper, Dynamic. C. M. Shay. 2,137,418; Nov. 22.  
 Damper, Fireplace. F. Le Baron. 2,130,851; Sept. 20.  
 Damper, Hydraulic shock. I. A. Leslie. 2,106,461; Jan. 25.  
 Damper regulator. J. R. O'Rourke. 2,120,506; June 14.  
 Damper, Rocking dynamic. R. Chilton. 2,127,462; Aug. 16.  
 Damper, Vibration. J. S. Oles. 2,121,819; June 28.  
 Damper, Vibration. M. Preiswerk. 2,132,319; Oct. 4.  
 Damper, Vibration. S. Rosenzweig. 2,116,042; May 3.  
 Damper winding thermal protection. C. C. Shutt. 2,117,915; May 17.  
 Dampers, Device for adjusting and locking. J. J. Koch. 2,123,998; July 19.  
 Damping means for magnetic speedometers. C. H. H. Rodanet. 2,117,212; May 10.  
 Dark cabinet, Portable printing and developing. M. Fink. 2,128,042; Aug. 23.  
 Dart, Exploding. Y. Char. 2,119,524; June 7.  
 Dashboard tire pressure gauge. O. T. Nelson. 2,135,990; Nov. 8.  
 Data computer. O. McCormick. 2,112,858; Apr. 5.  
 Dates, Treating. V. H. Tyler. 2,114,409; Apr. 19.  
 Dauber, Shoe. H. R. MacMichael. 2,118,051; May 24.  
 Davenport clamp. H. A. Green. 2,118,379; May 24.  
 Deballing drill bit. J. E. Hall. 2,107,788; Feb. 8.  
 Decalcomania, Applying a. J. F. McNutt. 2,111,897; Mar. 22.  
 Decalcomania moistening apparatus. H. Kott. 2,126,784; Aug. 16.  
 Decalcomania transfer. C. W. Stillwell. 2,115,345; Apr. 26.  
 Decelerating mechanism. A. Simonsen. 2,140,050; Dec. 13.  
 Deceleration control device, Automatic. A. G. H. Vanderpoel. Re. 20,651; Feb. 8.  
 Deceleration control device, Automatic. A. G. H. Vanderpoel. 2,129,608; Sept. 6.  
 Decelerometer. R. J. Alden. 2,108,791; Feb. 22.  
 Decelerometer. E. W. Calhoun. 2,109,523; Mar. 1.  
 Decimal point control for accounting machines. J. M. Cunningham. 2,141,597; Dec. 27.  
 Decimal point indicating mechanism for slide rule computations. H. Gilmore. 2,117,413; May 17.  
 Decimal point selecting device for accounting machines, Automatic. J. W. Bryce. 2,141,598; Dec. 27.  
 Deck door. F. J. Westrope and J. Vehko. 2,125,761; Aug. 2.  
 Deck for vehicles, Movable. L. M. Francis. 2,132,464; Oct. 11.  
 Deck lid support. L. A. Bachor. 2,135,784; Nov. 8.  
 Deck structure. I. H. Judd. 2,123,630; July 12.  
 Decking. C. F. Davis. 2,127,661; Aug. 23.  
 Declutching mechanism. V. W. Kliersath and R. S. Sanford. 2,134,519; Oct. 25.  
 Decoder and regenerative repeater. R. M. Hicks and E. R. Leroy. 2,117,804; May 17.  
 Decoking and refining apparatus. J. H. Vital. 2,123,490; July 12.  
 Decolorizing and filtering agent. R. W. Schmidt. 2,127,702; Aug. 23.  
 Decolorizing system for purification of lubricating oil in internal combustion engines. R. D. Whitney. 2,106,863; Feb. 1.  
 Decorating apparatus. O. D. King. 2,138,865; Dec. 6.  
 Decorating apparatus. F. B. McQuiston. 2,107,491; Feb. 8.  
 Decorating device structure. L. L. Raymond. 2,117,501; May 17.  
 Decorating spherical and other articles having curved surfaces by a stenciling process, Method of and apparatus for. J. C. Smith. 2,105,378; Jan. 11.  
 Decoration of elongated surfaces, Method and apparatus for the. O. D. King. 2,104,044; Jan. 4.  
 Decorative bag. A. Dennis. 2,129,654; Sept. 13.  
 Decorative hanging. G. F. Brooks. 2,128,911; Sept. 6.  
 Decorative light, Wirelessly operated electrical. H. F. Waters. 2,121,460; June 21.  
 Decorative needled fabric. M. R. Greiser. 2,132,530; Oct. 11.  
 Decorative strip, Flexible. J. R. Sexton. 2,107,677; Feb. 8.  
 Decorative treatment for laminated structures and product thereof. L. V. Casto. 2,115,409; Apr. 26.  
 Decoy apparatus. P. J. Park. 2,129,781; Sept. 13.  
 Decoy, Duck. J. B. Reinhart, Jr. 2,134,891; Nov. 1.  
 Deep well pump, Compressed air. J. E. Lacy. 2,134,465; Oct. 25.  
 Deep-well pump, Hydraulic. R. U. Grant. 2,127,168; Aug. 16.  
 Defacator with integral tank and integral evacuator. W. C. Groeniger. 2,110,361; Mar. 8.  
 Defective light indicator. R. A. Hamilton. 2,110,221; Mar. 8.  
 Deflecting circuit. A. C. Stocker. 2,110,245; Mar. 8.  
 Deflection system for Braun tubes. E. Ruska. 2,139,854; Dec. 13.  
 Deflector. H. C. Seitz. 2,123,809; July 12.  
 Deflector device. R. W. Johnson. 2,119,992; June 7.  
 Deflector, Exhaust. A. I. Wightman. 2,123,858; July 12.  
 Deflector for automobile heaters. C. H. Will. 2,118,282; May 24.  
 Deflector, Heat. J. Bissonnette. 2,136,837; Nov. 15.  
 Deflector means. D. H. Prutton. 2,135,842; Nov. 8.  
 Deflector mechanism. A. E. Wilschusen. 2,120,824; June 14.  
 Defoaming method and means. H. H. Young, Jr. 2,108,912; Feb. 22.  
 Defroster. J. W. Anderson. 2,122,970; July 5.  
 Defroster. E. S. Cornell, Jr. 2,121,754; June 21.  
 Defroster. J. A. Schrader. 2,130,036; Sept. 13.  
 Defroster attaching and retaining means, Windshield. H. W. Cole. 2,127,391; Aug. 16.  
 Defroster, Window. E. S. Cornell, Jr. 2,121,753; June 21.  
 Defrosting and deicing system, Automatic. J. J. Shively. 2,115,431; Apr. 26.  
 Degerminator. H. C. Dempsey. 2,108,655; Feb. 15.  
 Degreasing. J. Savage. 2,123,439; July 12.  
 Degreasing apparatus. C. F. Dinley. 2,137,479; Nov. 22.  
 Degreasing apparatus. F. F. Ruthven. 2,104,103; Jan. 4.  
 Degreasing, Method for. F. F. Ruthven. 2,104,102; Jan. 4.  
 Degree of supersaturation of a boiling solution, Method and apparatus for indicating the. A. L. Holven. 2,135,511; Nov. 8.  
 Dehairing machine. J. Zabel. 2,120,793; June 14.  
 Dehumidifier. R. H. Folsom. 2,128,641; Aug. 30.  
 Dehydration system. J. M. Cage. 2,108,259; Feb. 15.  
 Dehydrator, Egg. C. McLean. 2,119,594; June 7.  
 Dehydrator, Electric. H. F. Fisher. 2,108,258; Feb. 15.  
 Dehydrator, High frequency induction. L. Dillon. 2,120,932; June 14.  
 De-icer for aeroplanes and the like. J. F. Hamil. 2,133,025; Oct. 11.  
 De-icer for airplanes. R. J. Horrocks. 2,110,731; Mar. 8.  
 De-icing attachment for aircraft. J. B. Huntington. 2,106,323; Jan. 25.  
 Deicing attachment for airplane propellers. W. C. Clay. 2,129,565; Sept. 6.  
 Delay detonator. J. B. Smith, F. R. Seavey, and C. A. Taylor. 2,133,119; Oct. 11.  
 Delinting device. G. N. Link. 2,130,806; Sept. 20.  
 Delivery device for wrapping machines. E. L. Smith and C. Wetsel. 2,117,517; May 17.  
 Delivery for printing presses, Collapsible. H. A. W. Wood. 2,141,963; Dec. 27.



- Delivery for wrapping machines, Cooled. L. Ferenci. 2,133,348; Oct. 18.
- Delivery mechanism for paper box machines. E. G. Staude. 2,133,727; Oct. 18.
- Delivery mechanism for printing presses. W. K. Eckhard. 2,130,841; Sept. 20.
- Delivery mechanism for use in delivering the products of printing machines in counted batches. C. G. Quick, D. A. Ball, and W. A. Whitehead. 2,111,728; Mar. 22.
- Delivery mechanism for use with printing machines. C. G. Quick, D. A. Ball, and W. A. Whitehead. 2,121,327; June 21.
- Delivery mechanism for use with printing machines. C. G. Quick, D. A. Ball, and W. A. Whitehead. 2,134,532; Oct. 25.
- Delivery mechanism of platen printing presses. F. S. Thompson. 2,120,532; June 14.
- Delivery recorder. C. S. Hazard and W. L. Marden. 2,126,256; Aug. 9.
- Delivery recorder reset. W. L. Marden. 2,134,525; Oct. 25.
- Delivery skid for piling. T. Backus, Jr. 2,127,670; Aug. 23.
- Delouser, Chicken. H. B. Holmes. 2,140,677; Dec. 20.
- $\Delta$ -alkenyl cyanoacetic esters and producing same. A. C. Cope, W. H. Hartung, and F. S. Crossley. 2,119,526; June 7.
- Demagnetizer, Portable. J. T. Beechlyn. 2,106,233; Jan. 25.
- Demagnetizing. F. B. Doane. 2,118,174; May 24.
- Demand feed system. K. Beyrodt. 2,141,705; Dec. 27.
- Demodulation system in superheterodyne receiver. M. Geiger. 2,124,191; July 19.
- Demodulator, Distortion balanced. D. A. Wilbur. 2,116,814; May 10.
- Demonstrating apparatus. C. W. Cremer. 2,116,617; May 10.
- Demonstrating device. E. N. Curran. 2,106,478; Jan. 25.
- Demonstrating device. L. P. Ramsdell. 2,121,212; June 21.
- Demonstrating device. R. P. Ross. 2,130,967; Sept. 20.
- Demonstration set, Miniature. B. R. Pinney. 2,127,047; Aug. 16.
- Demountable ring. E. C. Gunnarson. 2,119,327; May 31.
- Dental appliance. J. A. Linde. 2,141,190; Dec. 27.
- Dental appliance. E. Wolfson. 2,110,315; Mar. 8.
- Dental articulator. H. Boatner. 2,107,283; Feb. 8.
- Dental articulator. E. J. Franwick. 2,130,083; Sept. 13.
- Dental articulator. H. C. Hagman and A. S. T. Lagaard. 2,119,579; June 7.
- Dental bridge and making same. C. W. Knowles. 2,111,787; Mar. 22.
- Dental bridge lock. F. L. Brecht. 2,127,285; Aug. 16.
- Dental burr holder. H. Jerum. 2,131,807; Oct. 4.
- Dental cabinet. C. J. Gail. 2,119,047; May 31.
- Dental cleaning and massage device. J. Landers. 2,121,701; June 21.
- Dental correlator. S. J. Mink. 2,138,254; Nov. 29.
- Dental device. C. Bean. 2,113,439; Apr. 5.
- Dental device. G. M. Hollenback. 2,129,212; Sept. 6.
- Dental device. J. B. Puckett. 2,125,809; Aug. 2.
- Dental filling composition. F. Schoenbeck and E. Czapp. 2,122,011; June 28.
- Dental film holder. A. de Weal. 2,127,502; Aug. 23.
- Dental floss holder. C. B. Elcan. 2,109,417; Feb. 22.
- Dental fluoroscopic instrument. L. C. and H. L. Pelkus, Jr. 2,140,269; Dec. 13.
- Dental implement. J. D. Wilhoit. 2,134,934; Nov. 1.
- Dental impressions, Method and apparatus for cooling. R. Berkson. 2,129,987; Sept. 13.
- Dental instrument. S. T. Basil. 2,125,980; Aug. 9.
- Dental instrument. J. H. Blair. 2,135,933; Nov. 8.
- Dental instrument. R. F. Grieco. 2,117,844; May 17.
- Dental instrument. W. B. Jackman. 2,108,558; Feb. 15.
- Dental instrument. J. F. McMath. 2,122,619; July 5.
- Dental model surveyor. N. G. Willis. 2,108,980; Feb. 22.
- Dental operating unit. R. S. Voorhees, Jr. 2,138,563; Nov. 29.
- Dental or like drill. H. Hollmann. 2,129,843; Sept. 13.
- Dental press, Compensating. E. Handler. 2,139,496; Dec. 6.
- Dental tool. W. Henning. 2,107,791; Feb. 8.
- Dental tool. V. J. Luongo. 2,106,252; Jan. 25.
- Dental unit. O. H. Pieper. 2,133,332; Oct. 18.
- Dental X-ray film package. J. A. Saffir. 2,104,715; Jan. 4.
- Dentifrice, Liquid. H. Eisenberg and A. J. Zolanas, Jr. 2,134,971; July 26.
- Dentistry, Apparatus and process for use in. J. S. Miller and C. R. Waller. 2,119,824; June 7.
- Dentistry, Method and means for use in. J. S. Miller and C. R. Waller. 2,119,823; June 7.
- Dentoid structure, Porcelain-faced. M. Selman. 2,112,713; Mar. 29.
- Denture. R. W. Erdle. 2,131,940-1; Oct. 4.
- Denture. W. R. A. Gayton. 2,107,181; Feb. 1.
- Denture. C. H. Prange. 2,135,600; Nov. 8.
- Denture and making the same, Swaged. C. H. Prange and E. H. Zahn. 2,106,809; Feb. 1.
- Denture, Artificial. M. A. Pleasure. 2,141,487; Dec. 27.
- Denture, Cast metallic. C. H. Prange. Re. 20,877; Oct. 4.
- Denture construction. J. F. Giffen. 2,118,555; May 24.
- Denture mounting. E. H. Zahn. 2,120,827; June 14.
- Dentures, Device for cleaning and keeping artificial. G. Parizot. 2,122,583; July 5.
- Dentures, Mechanism for grinding artificial. L. N. Roebuck and S. J. Everett. 2,106,125; Jan. 18.
- Deodorizing. E. M. Davis. 2,122,029; June 28.
- Deodorizing material. J. W. H. Randall and H. Van Grunenberg. 2,131,235; Sept. 27.
- Department store machine. F. L. Fuller and G. F. Daly. 2,110,854; Mar. 15.
- Depilatory. W. Moore. 2,128,158; Aug. 23.
- Depilatory, Stabilized soluble stannite. W. B. Stoddard and J. Berlin. 2,123,214; July 12.
- Depolarizing compositions from native manganese dioxide, e. g., pyrolusite. Production of. W. Müller and G. Schauer. 2,123,250; July 12.
- Depressors, Manufacture of pour point. W. B. Kay. 2,113,179; Apr. 5.
- Depth-adjusting mechanism. M. H. Tuft. 2,133,180; Oct. 11.
- Depth control for disk plows, Power operated. C. A. Hovde. 2,122,286; June 28.
- Depth gauge. W. K. Walker. 2,128,215; Aug. 23.
- Depth indicator for tanks. E. G. Miller. 2,114,148; Apr. 12.
- Depth measuring device for oil well equipment. F. L. Le Bus. 2,139,899; Dec. 13.
- Derail device. W. K. Wilbur. 2,114,950; Apr. 19.
- Derailer. E. Overmier, S. E. Bates, and T. E. Rodman. 2,138,504; Nov. 29.
- Derivatives of ac-tetrahydro-beta-naphthyl-amine. W. A. Lott and H. W. Coles. 2,112,899; Apr. 5.
- Derivatives of cellulose and other polymeric hydroxy compounds, Manufacture of. E. B. Thomas and H. F. Oxley. 2,135,128; Nov. 1.
- Derivatives of cellulose, Preparation of organic. C. Dreyfus and G. Schneider. 2,138,145; Nov. 29.
- Derivatives of cellulose, Treatment of. G. Schneider. 2,109,753; Mar. 1.
- Derivatives of cyclic compounds, Preparing hydroxy-amine. H. H. Bassford, Jr. 2,138,899; Dec. 6.
- Derivatives of cyclohexylamine and uses therefor. L. P. Kyrides. 2,126,560; Aug. 9.
- Derivatives of higher fatty alcohols, Production of sulphur-containing. R. Hueter. 2,113,807; Apr. 12.
- Derivatives of paraffin wax, Manufacture of. D. W. F. Hardie and C. Ockrent. 2,130,952; Sept. 20.
- Derivatives of para-phenanthroline and manufacture thereof. H. Hencke. 2,112,961; Apr. 5.
- Derivatives of pentahydroxy-fuchson and production, Etherified. Z. Földi. 2,134,247; Oct. 25.
- Derivatives of pyridine and quinoline and their preparation. L. G. S. Brooker and G. H. Keyes. 2,117,936; May 17.
- Derivatives of the anthrapyrimidine series. M. A. Kunz and K. Koerberle. 2,109,116; Feb. 22.
- Derrick, Collapsible. T. S. Dietle. 2,114,215; Apr. 12.
- Derrick finger. W. A. Goff. 2,130,423; Sept. 20.
- Derrick pipe rack. T. J. Umphres. 2,141,097; Dec. 20.
- Derrick structure. W. Schwemlein. 2,120,224; June 7.
- Derris and cube extracts and hydrogenated derivatives and products produced thereby, Preparing improved. E. Wotherspoon. 2,126,854; Aug. 16.
- Desacetyl-pseudo bufotalin haloid and preparing same. H. Kondo, S. Ikawa, and Y. Kobayashi. 2,108,340; Feb. 15.
- Design, Making a decorative. C. Tarson. 2,120,687; June 14.
- Designs for candles, Creating. I. Cassimatis. 2,122,451; July 5.
- Designs, Impressing bronze. P. L. Graupner. 2,130,425; Sept. 20.
- Designs in imitation of paintings, Producing. L. Eriksen. 2,117,795; May 17.
- Desk. J. R. Jones. 2,141,954; Dec. 27.
- Desk and chair, Combination. A. J. Wilkin. 2,107,404; Feb. 8.
- Desk and chair, Combined. A. Mintz. 2,115,497; Apr. 26.
- Desk and seat, Combined. W. J. Spousler. 2,117,686; May 17.
- Desk for automatic writing boards. E. J. Genet. 2,130,490; Sept. 20.
- Desk, Knock down. B. E. Richardson. 2,118,525; May 24.
- Desk, Portable. D. B. O'Kelly. 2,110,813; Mar. 8.
- Desk, Revolving retouching. H. H. H. 2,133,613; Aug. 2.
- Desk set. C. G. Gregory. 2,112,907; Apr. 5.
- Desk set. T. D. Toffi. 2,110,007; Mar. 1.
- Desk stand, Fountain pen. O. Sord. 2,104,676; Jan. 4.
- Desk structure. P. M. Wege. 2,106,544; Jan. 25.
- Desk, Typewriter. T. H. Fitch. 2,112,907; Apr. 18.
- Desk unit, School. E. J. Santos. 2,137,409; Nov. 22.
- Destination indicator. J. A. Bombard and E. H. Acker. 2,122,855; July 5.
- Detachable cap. H. J. Murphy. 2,133,795; Oct. 18.
- Detachable connector. W. O. Hassler. 2,136,818; Nov. 15.
- Detachable handle. A. F. Phil. 2,110,165; Dec. 13.
- Detector. See—  
Halide detector.  
Liquid level change detector.  
factor.
- Detector. K. Schlesinger. 2,118,866; May 31.



- Detector. K. Schlesinger. 2,129,037; Sept. 6.  
 Detector and detector circuits for ultra short waves. G. R. Kilgore. 2,112,029; Mar. 22.  
 Detector circuit. L. E. Barton. 2,141,338; Dec. 27.  
 Detector for stop motion mechanism in winding machines. E. R. Alderman. 2,134,018; Oct. 23.  
 Detector for television. K. Schlesinger. 2,141,412; Dec. 27.  
 Detector mechanism for crown cap assembling machines. R. Earling. 2,108,257; Feb. 15.  
 Detector output circuit. J. Schunack. 2,137,545; Nov. 22.  
 Detector, Regenerative. W. V. Roberts. 2,115,875; May 3.  
 Detector spark plug, Cylinder. G. Hantjopoulos. 2,120,804; June 14.  
 Detector system. F. G. Kelly, Jr. 2,108,202; Feb. 15.  
 Detergent and method of preparation. F. W. Muncie. 2,130,362; Sept. 20.  
 Detergent and wetting agent and producing the same. T. Hasselstrom. 2,121,032-3; June 21.  
 Detergent composition, Mothproofing. H. Stötter and T. Hermann. 2,130,435; Sept. 20.  
 Detergents for use in laundering processes. W. H. McAllister. 2,108,756; Feb. 15.  
 Deterging. F. W. Muncie. 2,130,361; Sept. 20.  
 Detonator. H. Junghans. 2,105,423; Jan. 11.  
 Detonator and fuse and delay composition for use therein, Delay action. C. E. Sosson. 2,105,674; Jan. 18.  
 Detonator for example, blasting detonator. L. Rubenstein. 2,125,462; Aug. 2.  
 Developer, Fine grain, photographic. P. W. Vittum. 2,113,312; Apr. 5.  
 Developers, Color-forming. L. D. Mannes and L. Godowsky, Jr. 2,113,330; Apr. 5.  
 Development process and developer for producing hardened images upon exposed silver halide-colloid emulsions. F. Leiber. 2,126,899; Aug. 16.  
 Device adapted to loudspeakers, telephones, or relays. F. Weitkowitz. 2,116,293; May 3.  
 Device containing nonlinear resistors, Four-pole. H. Mayer. 2,122,748; July 5.  
 Device for advertising and like purposes. R. T. and G. H. Riches. 2,135,412; Nov. 1.  
 Device for applying closure bottoms to tubular containers. C. L. Baker. 2,125,416; Aug. 2.  
 Device for applying closure mouths to bottle bodies. C. L. Baker. 2,125,415; Aug. 2.  
 Device for applying granular materials. O. D. Shonnard. 2,106,470; Jan. 25.  
 Device for applying sealing wax. J. Pesark. 2,118,415; May 24.  
 Device for assisting in darning. G. F. Cruscha. 2,111,390; Mar. 15.  
 Device for attaching license plates. H. Golden. 2,123,527; July 12.  
 Device for attaching members. F. C. Spencer. 2,105,933; Jan. 18.  
 Device for automatically controlling the filling of reservoirs, tanks, and the like. E. Piquerez. 2,122,949; July 5.  
 Device for automatically controlling the inflation of tires. P. M. Bourdon. 2,141,507; Dec. 27.  
 Device for basketball games. A. A. Schabinger. Re. 20,898; Oct. 25.  
 Device for blowing and cooling glassware. K. E. Peiler. 2,123,145; July 5.  
 Device for calculating machines, accounting machines, writing and like machines. H. K. F. Ewald. 2,107,374; Feb. 8.  
 Device for changing gears in motorcars and the like. J. M. C. Semery. 2,110,180; Mar. 8.  
 Device for circulating liquids and for reversing the direction of flow thereof. W. A. Tatton and L. S. J. Thompson. 2,138,080; Nov. 29.  
 Device for cleaning and shampooing the scalp. E. Rychner. 2,120,769; June 14.  
 Device for cleaning receptacles. A. Ransom, Jr. 2,124,748; July 26.  
 Device for closing a bag. M. de Botelho. 2,107,692; Feb. 8.  
 Device for combining regulated quantities of materials. G. C. Schaub. 2,126,414; Aug. 9.  
 Device for conditioning and sharpening implements. R. T. McDonald. 2,134,339; Oct. 25.  
 Device for continuous treatment of animal carcasses, slaughterhouse offal, etc. A. Sommermeyer. 2,135,203; Nov. 1.  
 Device for continuously vacuumizing containers. J. W. Uren. 2,135,059; Nov. 1.  
 Device for controlling temperatures in fluid heating apparatus. K. Baumann. 2,116,424; May 3.  
 Device for controlling the axial thrust of a shaft. G. H. Leland. 2,113,451; Apr. 5.  
 Device for controlling the load opening in boxcars and the like. A. Weisz. 2,132,062; Oct. 4.  
 Device for cooling tires and vehicle wheels. M. L. Donnellan. 2,119,204; May 31.  
 Device for creating and delivering a cleaning foam. J. R. Dorman. 2,119,906; June 7.  
 Device for curling hair. C. de La Barre. 2,121,476; June 21.  
 Device for cutting fruit into sectors. N. Obenshain. 2,108,992; Feb. 22.  
 Device for decoding records. L. F. Woodruff. 2,128,446; Aug. 30.  
 Device for delivering slips of memorandum paper. F. Martens. 2,123,514; July 12.  
 Device for demonstrating the action of cords and the like. P. S. Gould. 2,109,171; Feb. 22.  
 Device for discouraging false alarms. D. D. London. 2,121,206; June 21.  
 Device for displaying a license plate. S. P. Andelenis. 2,134,594; Oct. 25.  
 Device for displaying merchandise. W. S. Powers. 2,123,290; July 12.  
 Device for dressing grinding wheels. H. Danner. 2,133,191; Oct. 11.  
 Device for drying the closing flaps of letter envelopes, bags, etc. C. H. Jäger. 2,121,698; June 21.  
 Device for effecting telephone calls and transmitting signals. Automatic. A. O. Lauersdorf. 2,131,565; Sept. 27.  
 Device for eliminating noxious substances contained in tobacco smoke. L. G. Gautron. 2,112,018; Mar. 22.  
 Device for examining liquids. J. K. Kolb. 2,133,544; Oct. 18.  
 Device for exerting a frictional action. J. E. Petit. 2,136,314; Nov. 8.  
 Device for extinguishing the flame and deadening the noise of the exhaust gases in internal combustion engines. F. Boysen. 2,125,712; Aug. 2.  
 Device for facilitating movement of steering wheels. J. L. Barr. 2,140,493; Dec. 20.  
 Device for facilitating the turning of steering wheels. J. L. Barr and M. M. Overman. 2,110,256; Mar. 8.  
 Device for feeding fluid to the motor portions of internal combustion engines. B. J. Haskins. 2,136,079; Nov. 8.  
 Device for feeding tobacco leaves to cutting machines. V. Lorentz. 2,140,637; Dec. 20.  
 Device for gauging the cutting of rafters. E. O. Karlson. 2,107,670; Feb. 8.  
 Device for grinding and sharpening razor blades. F. Souczek. Re. 20,805; July 19.  
 Device for guiding the rollers of antifriction bearings. W. Offermanns. 2,137,346; Nov. 22.  
 Device for holding a lower window sash in place when partially raised. E. L. Woods. 2,117,072; May 10.  
 Device for holding hats. G. F. Jonitz. 2,130,956; Sept. 20.  
 Device for holding perforated records in shingled relationship. R. H. Ellis. 2,134,177; Oct. 25.  
 Device for hydraulic brakes, Safety. V. I. Myllyniemi and V. S. Mäki. 2,140,027; Dec. 13.  
 Device for increasing and decreasing road clearance of vehicles and an adjustable anchor. L. V. Allen. 2,141,781; Dec. 27.  
 Device for indicating direction of movement. J. A. Brooks. 2,108,099; Feb. 15.  
 Device for indicating oscillograph curves as stationary. F. Bedell. Re. 20,945; Dec. 13.  
 Device for indicating the amount of material in a tank. G. Neumann. 2,116,636; May 10.  
 Device for keeping windshields clear. N. D. Reynolds. 2,112,709; Mar. 29.  
 Device for machine tools, Adjusting. E. Rotzoll. 2,125,584; Aug. 2.  
 Device for making oneself a tie knot. J. F. Ramas. 2,107,619; Feb. 8.  
 Device for mentholizing cigarettes. A. O. Walker and C. J. Sanford. 2,107,691; Feb. 8.  
 Device for molding frozen confections. L. Loewenstein. 2,131,446; Sept. 27.  
 Device for observing color register indications of color prints discharged from a multicolor press. R. E. Wallace. 2,124,802; July 26.  
 Device for opening cans. H. L. Dazey. 2,140,151; Dec. 13.  
 Device for opening, discharging the contents of, and mutilating cartons. S. Bergstein. 2,125,146; July 26.  
 Device for operating land mines and the like by the passage of tanks or other vehicles. N. E. Methlin. 2,128,839; Aug. 30.  
 Device for packing sealing disks. G. Rooth. 2,140,766; Dec. 20.  
 Device for paddle wheel propellers. F. Süßerkrüb. 2,121,059; June 21.  
 Device for phonographs with linear phonogram carriers. H. Vogt, J. Massole, and J. Engl. Re. 20,621; Jan. 11.  
 Device for picking up broken jack lines. G. W. Cope. 2,119,152; May 31.  
 Device for placing protective coverings automatically on the seats of water closets. C. Joriot. 2,123,469; July 12.  
 Device for posture study. L. H. Loeffel and I. R. Versoy. 2,118,092; May 24.  
 Device for posture study. G. McCue. 2,118,093; May 24.  
 Device for predetermining location of fasteners. L. Roseman. 2,117,453; May 17.  
 Device for preventing conflagrations on boats by fuel leaks. F. P. Huckins. 2,121,664; June 21.  
 Device for preventing overflowing, especially designed for funnels. T. Loibl. 2,138,929; Dec. 6.  
 Device for preventing re-filling of bottles. O. Ciuccl. 2,110,261; Mar. 8.  
 Device for preventing skidding. E. P. Eastwick, Jr. 2,118,776; May 24.  
 Device for preventing unintentional locking of automobile doors. J. W. Fitz Gerald. 2,105,350; Jan. 11.



- Device for purifying the breathing air in a vapor bath for therapeutical use. Z. Fujita. 2,130,718; Sept. 20.
- Device for railway vehicle axles, Lateral motion. G. H. Zouck. 2,121,556; June 21.
- Device for regulating fuel injection in an internal combustion engine, Automatic. S. Sugihara. 2,139,981; Dec. 13.
- Device for removing molten metal. I. J. B. Demers. 2,139,114; Dec. 6.
- Device for securing together articles such as plates or the like. J. J. Blanc. 2,136,875; Nov. 15.
- Device for separating a mixture of fine and coarse material particles. A. Müller. 2,131,451; Sept. 27.
- Device for severing measured portions from a bar of ice cream. B. Hulskamp. 2,122,523; July 5.
- Device for sharpening scissors and like cutting implements. W. T. Martin. 2,138,552; Nov. 29.
- Device for shielding a spark plug and for conducting current thereto. T. C. Green. 2,118,673; May 24.
- Device for soaping blowing water. W. Kundel. 2,120,807; June 14.
- Device for spinning and further treatment of artificial silk. O. Bochmann. 2,113,781; Apr. 12.
- Device for sterilizing barber's duster brush. R. R. McGrath. 2,129,777; Sept. 13.
- Device for stopping internal combustion engines or the like employing oil lubrication. H.-W. Burschies. 2,123,461; July 12.
- Device for straining and filtering. C. S. Rucker. 2,116,044; May 3.
- Device for supporting and displaying merchandise. N. Snelling. 2,116,647; May 10.
- Device for tempering sheets of glass, of steel, and other material by air. L. Mosmieri and G. Dal Pino. 2,131,406; Sept. 27.
- Device for the control or measurement of the flow of the contents from cartons or containers. A. L. Nelson. 2,127,417; Aug. 16.
- Device for the crosswise delivery or deposition or the counting of cards, sheets, envelopes, or the like. J. Krell. 2,114,927; Apr. 19.
- Device for the delivery of measured quantities of liquid. R. P. Bowker. 2,114,587; Apr. 19.
- Device for the massage of the foot muscles. A. Koschwitz. 2,121,250; June 21.
- Device for the repetition of signals on a vehicle. L. Girardin. 2,139,157; Dec. 6.
- Device for use in connecting wire ends. J. H. van Viersen. 2,123,070; July 5.
- Device for use on cooking ranges. R. J. Merritt. 2,125,514; Aug. 2.
- Device for varying the strength of the type impression in typewriting office machines. A. Salzberger. 2,134,343; Oct. 25.
- Device for verifying the speed of rotating shafts. P. P. Kriek. 2,119,627; June 7.
- Device having decorated transparencies. H. M. Riley. 2,105,008; Jan. 11.
- Device in capping machines. J. E. Jonsson. 2,140,586; Dec. 20.
- Device mounting. L. J. Linde. 2,120,103; June 7.
- Device of support for parachutes. S. O. C. Kuhlmann. 2,108,716; Feb. 15.
- Dew point of a vapor product, Apparatus for determining the. R. F. Deniston and W. P. Hawthorne. 2,106,593; Jan. 25.
- Dewaxing process. S. Pilat and M. Godlewicz. 2,141,361; Dec. 27.
- Dewaxing, Process of. L. D. Jones. 2,111,508; Mar. 15.
- Dewaxing system. V. Voorhees. 2,127,708; Aug. 23.
- Dewaxing systems, Operating. B. Hopper and K. Kingman. 2,133,618; Oct. 18.
- Dewooling machine. C. Jolly, J. W. Archibald, and H. J. Solomon. 2,122,006; June 28.
- Dextrine, Manufacturing. J. E. Clegg and F. C. Hilliard. 2,127,205; Aug. 16.
- Dextrose, Crystallization of. C. J. Copland. 2,109,585; Mar. 1.
- Dextrose, Crystallizing. W. B. Newkirk. 2,129,864; Sept. 13.
- Dextrose free from water of crystallization, Soft grained. W. B. Newkirk. 2,141,547; Dec. 27.
- Diacetyl, Production of. E. Eberhardt and F. Liesberg. 2,110,699; Mar. 8.
- Diagnostic instrument. F. C. Wappler. 2,129,390; Sept. 6.
- Dial engraving machine. H. A. Satterlee. 2,140,550; Dec. 20.
- Dial for indicating instruments. A. W. Le Fevre. 2,108,342; Feb. 15.
- Dial for radio apparatus. E. König. 2,139,451; Dec. 6.
- Dial for radio receiving sets, Tuning. J. H. Clarke and J. K. Johnson. 2,112,734; Mar. 29.
- Dial for radio receiving sets, Tuning. A. S. Wells and J. H. Clark. 2,112,746; Mar. 29.
- Dial, Illuminated. C. G. Ely and E. H. Allen. 2,129,169; Sept. 6.
- Dial Illumination, Instrument. C. T. Wallis. 2,128,339; Aug. 30.
- Dial, Indicating. H. E. Goldstine. 2,119,576; June 7.
- Dial, Rotating indicator. P. Knopf. 2,115,530; Apr. 20.
- Dial, Safe. J. H. Hamilton. 2,138,003; Nov. 29.
- Dial test indicator. J. W. Parker. 2,124,006; July 19.
- Dial test indicator. C. C. Street. 2,129,311; Sept. 6.
- Dial tuning device. E. G. Bradshaw. 2,130,836; Sept. 20.
- Dials, Arrangement of instrument. M. S. Mackay. 2,112,704; Mar. 29.
- Dials of instruments, Illuminating. G. V. Rylsky. 2,140,972; Dec. 20.
- Dialytic apparatus. A. W. Saddington and A. P. Julien. 2,124,861; July 26.
- Dialytic process. A. W. Saddington and A. P. Julien. 2,111,808; Mar. 22.
- Dialyzers. A. O. Russell. 2,107,805; Feb. 8.
- Diameter gauging apparatus. C. A. Bickel. 2,105,962; Jan. 18.
- Diameter of hollow metal articles, Reducing the. F. Singer. 2,110,965; Mar. 15.
- Diamides of organic dicarboxylic acids and producing same. H. Hopff and H. Ohlinger. 2,137,287; Nov. 22.
- Diamides of unsaturated dicarboxylic acids and making the same. V. R. Hardy. 2,139,679; Dec. 13.
- Diamine-dicarboxylic acid salts and preparing same. W. H. Carothers. 2,130,947; Sept. 20.
- Diamines and preparing them, Tetra-N-alkyl long chain alkylene. F. L. Pyman and H. H. L. Levene. 2,121,509; June 21.
- Di (aminoarylsulphon) amides and making the same. E. H. Northey. 2,133,787; Oct. 18.
- Di (aminoquinonyl-6)-ureas, Symmetrical. H. Jensch. 2,118,244; May 24.
- Diamond bit. F. Bley and M. Hoerer. 2,136,359; Nov. 15.
- Diaper. J. A. Eller and H. L. Epp. 2,141,105; Dec. 20.
- Diaper pad. E. D. Crouse. 2,118,169; May 24.
- Diaphragm. W. C. Shaw. 2,117,219; May 10.
- Diaphragm, Acoustical. W. C. Stenger. 2,124,834; July 26.
- Diaphragm and making same. W. C. Shaw. 2,104,776; Jan. 11.
- Diaphragm and making the same, Rubber. J. T. Clark. 2,111,313; Mar. 15.
- Diaphragm dialing apparatus. E. D. Lehman. 2,113,892; Apr. 12.
- Diaphragm, Flexible corrugated. J. Chansor. 2,111,168; Mar. 15.
- Diaphragm foot valve. G. K. Newell. 2,141,070; Dec. 20.
- Diaphragm for vestibule cars, Floating. J. J. Tatum. 2,132,327; Oct. 4.
- Diaphragm, Making a radiographic. J. B. Wantz and A. J. Kizaur. 2,115,755; May 3.
- Diaphragm pump. A. L. Mennesson. 2,133,207; Oct. 11.
- Diaphragm, Resilient. L. C. Brisson. 2,106,791; Feb. 1.
- Diaphragm switch. P. M. Farmer and F. C. Evans. 2,109,145; Feb. 22.
- Diaphragm valve. D. L. McNeal. 2,121,549; June 21.
- Diaphragms, Making expansible. W. A. Reichel. 2,123,381; July 12.
- Diaryl arylene diamines, Manufacture of. L. Meuser. W. E. Messer, and A. J. Laliberte. 2,133,825; Oct. 18.
- Diaryl methane water-soluble condensation products. A. Voss and H. Janz. 2,126,232; Aug. 9.
- Diathermic apparatus with quenched spark-gap. J. Hofmann. 2,106,428; Jan. 25.
- Diathermic treatment, Apparatus for. F. D. Webster. 2,105,568; Jan. 18.
- Diathermy apparatus. A. H. McClelland. 2,105,749; Jan. 18.
- Diazamino compounds. A. Schmelzer. 2,124,594; July 26.
- Diazamino compounds and their manufacture. J. G. Kern. 2,122,421; July 5.
- Diazamino compounds, Producing. W. W. Moyer. 2,133,037; Oct. 11.
- Diazobiguandines. H. Z. Lecher. 2,125,509; Aug. 2.
- Diazo compounds and making same. F. Straub, P. Pieth, and H. Schnelder. 2,138,559; Nov. 29.
- Diazo compounds and making same. A. Wirtz. 2,131,992; Oct. 4.
- Diazo compounds, Stabilized. K. H. Saunders and M. A. T. Rogers. 2,111,692; Mar. 22.
- Diazonium salt, Solid. F. Keller and W. Koch. 2,129,136; Sept. 6.
- Diazo-type-layers, Copying on positive. L. P. van der Grinten. 2,114,468; Apr. 19.
- Dibbling machine. J. McGuire. 2,111,478; Mar. 15.
- Dibenzyl disulphide, Manufacture of. R. C. Moran and G. S. Crandall. 2,113,092; Apr. 5.
- Dicadium phosphate and alkali salts, Manufacture of. M. Larsson. 2,114,600; Apr. 19.
- Dicadium phosphate, Making. W. H. MacIntire. 2,108,940; Feb. 22.
- Dicadium phosphate, Production of. W. R. Seyfried. 2,115,150; Apr. 20.
- Dice game accessory. J. M. Perry. 2,104,375; Jan. 4.
- Dice machine, Sound operated. D. H. Stewart. 2,121,838; June 28.
- Dictating machine. T. H. Beard, J. F. Reinholdt, and C. H. Merritt, III. 2,117,236; May 10.
- Dictating machine and system. W. H. Conant. 2,109,468; Mar. 1.
- Diethylenide, Manufacture of phthalic. F. Haffner and F. Sommer. 2,137,270; Nov. 22.



- Die: See—  
 Bead wire die.  
 Cutting die.  
 Forging die.  
 Offset die.  
 Ornamenting die.  
 Pie die.
- Piercing die.  
 Pressure casting die.  
 Single cutter die.  
 Threading die.  
 Tube extruding die.
- Die. C. A. Cadenbach. 2,119,985; June 7.  
 Die. B. W. Freeman. 2,125,494; Aug. 2.  
 Die. C. R. Lindholm. 2,111,072; Mar. 15.  
 Die. W. J. Sullivan. 2,130,514; Sept. 20.  
 Die block. W. F. Finkl. 2,104,979; Jan. 11.  
 Die casting apparatus. J. R. Daesen and L. E. Wemple. 2,105,586; Jan. 18.  
 Die casting apparatus. K. Kubo. 2,120,333; June 14.  
 Die casting machine. R. F. Johnson. 2,131,955; Oct. 4.  
 Die collet, Interchangeable. K. A. Kuhn. 2,129,848; Sept. 13.  
 Die for cutting sheet material. C. E. Reed. 2,116,364; May 3.  
 Die for forging or sharpening the ends of drill rods for rock and like drilling machines. R. A. Bedford. 2,112,645; Mar. 29.  
 Die for forming bolt blanks. J. H. Friedman. 2,111,046; Mar. 15.  
 Die for forming disk wheels, Water cooled. C. S. Swanson. 2,118,018; May 17.  
 Die for forming glove blanks. L. P. Van der Essen and J. R. Lesser. 2,134,961; Nov. 1.  
 Die for forming ties for box straps. L. M. Harvey. 2,114,531; Apr. 19.  
 Die for ornamenting shoe-upper parts, Cutting. S. E. Rosenberg. 2,118,110; May 24.  
 Die for stud, bolt, and screw blanks, Automatic progressive. C. C. Richard. 2,132,244; Oct. 4.  
 Die for the production of box blanks. C. A. Moeller. 2,127,131; Aug. 16.  
 Die for twisting cable connectors. E. M. Wright. 2,114,065; Apr. 12.  
 Die-holder. W. J. Schuster. 2,132,581; Oct. 11.  
 Die or tool, Pipe threading. C. A. Overguard. 2,126,343; Aug. 9.  
 Die press. O. Oeckl. 2,123,683; July 12.  
 Die rolling. S. B. Webster. 2,141,101; Dec. 20.  
 Die shoe. J. C. Dense. 2,108,253; Feb. 15.  
 Die stock. K. A. Kuhn. 2,135,671; Nov. 8.  
 Die stock, Self-oiling. E. S. Gremillion. 2,131,854; Oct. 4.  
 Die structure, Drop forging. M. B. Wolf. 2,134,386; Oct. 25.  
 Dies for making nails and pins out of wire. I. Werner. 2,115,544; Apr. 26.  
 Dies, Making. W. C. Marsh. 2,140,806; Dec. 20.  
 Dies, Making. M. Simons. Re. 20,690; Apr. 5.  
 Dies, Making cutting. G. F. Ryan. 2,124,676; July 26.  
 Dies, Making screw threading. M. A. Slotta. 2,127,574; Aug. 23.  
 Dies, Manufacturing threading. O. E. Koehler. 2,121,435; June 21.  
 Dielectric. L. Domenach. 2,118,667; May 24.  
 Dielectric compositions. E. C. Britton, G. H. Coleman, and L. F. Berhenke. 2,140,784; Dec. 20.  
 Dielectric guide system. H. E. Curtis. 2,106,725; Feb. 1.  
 Dielectric liquid for electrical apparatus. J. G. Ford and C. F. Hill. 2,139,946-8; Dec. 13.  
 Dielectric material. A. H. White and W. A. Yager. 2,126,363; Aug. 9.  
 Dielectric material and making the same, Improved. K. Fuwa and S. Ito. 2,137,135; Nov. 15.  
 Dielectric media, Insulating. W. Lommel and R. Engelhardt. 2,129,146; Sept. 6.  
 Diesel engine. H. E. Carroll. 2,141,428; Dec. 27.  
 Diesel engine. J. J. Ehrat. 2,127,165; Aug. 16.  
 Diesel engine. K. Hange. 2,140,205; Dec. 13.  
 Diesel engine, Two-cycle. C. G. Curtis. 2,126,376; Aug. 9.  
 Dietary and digestive data, Apparatus for correlating. O. Smith. 2,104,334; Jan. 4.  
 Di-ethers of tetraethylene glycol, Preparation of. G. F. Zellhoefer. 2,111,234; Mar. 15.  
 Differential. T. Johnson. 2,113,511; Apr. 5.  
 Differential. H. Molly. 2,139,906; Dec. 13.  
 Differential. D. D. Ormsby. 2,133,112; Oct. 11.  
 Differential and axle drive. N. Trbojevič. 2,120,636; June 14.  
 Differential control device. F. W. Murray. 2,126,653; Aug. 9.  
 Differential draft gauge. G. W. Grisdale. 2,138,152; Nov. 29.  
 Differential driving mechanism. O. Heumader. 2,122,284; June 28.  
 Differential, Locking. A. E. Meinke. 2,121,254; June 21.  
 Differential mechanism. C. E. Frederickson. 2,106,946; Feb. 1.  
 Differential mechanism. C. E. Frederickson. 2,139,405; Dec. 6.  
 Differential mechanism for motor vehicles and the like. K. Rabe. 2,123,684; July 12.  
 Differential mounting. R. K. Lee. 2,112,628; Mar. 29.  
 Differential or balance mechanism. R. J. Ifield. 2,121,915; June 28.  
 Differential pinion gauge. A. E. Price. 2,117,854; May 17.  
 Differential pressure control. M. F. Booth. 2,118,292; May 24.  
 Differential pressure mechanism. W. Harper, Jr. 2,135,939; Nov. 8.  
 Differential valves, Apparatus for maintaining selected. F. J. Bast and R. A. F. Sandberg. 2,128,176; Aug. 23.  
 Diffuser. A. L. Faiver. 2,122,639; July 5.  
 Diffuser for centrifugal compressors. A. L. Berger. 2,114,285; Apr. 19.  
 Diffuser for fluid fuel burners. F. Hill. 2,122,688; July 5.  
 Diffuser of toilet-liquids, Pressure-operated. V. Mendl. 2,119,643; June 7.  
 Diffusing screen. C. W. Sherman. 2,129,154; Sept. 6.  
 Diffusion system for illumination. A. C. Jenking and R. C. Beck. 2,124,737; July 26.  
 Digesters and apparatus therefor, Operating. E. M. Frankel and E. H. Barry. 2,141,384; Dec. 27.  
 Digestion process, Continuous. C. O. Turner and M. P. Weigel. 2,107,919; Feb. 8.  
 Digestion process for sewage, Dual. M. B. Tark. 2,123,387; July 12.  
 Digger. E. Doerschlen. 2,120,326; June 14.  
 Digger and cleaner, Ditch. E. V. Briscoe. 2,136,911; Nov. 15.  
 Diggers, Attachment for vegetable. S. S. Martin. 2,136,516; Nov. 15.  
 Dihydroxy isodibenzanthrone, Manufacture of. R. F. Thomson, I. B. Anderson, and S. Thornley. 2,104,960; Jan. 11.  
 Dihydroxyates, Heavy metal azomethine diarylene. K. Schmidt and O. Wahl. 2,116,913; May 10.  
 Diiodoacetylene, Manufacture of. T. H. Vaughn. 2,124,218; July 19.  
 Dimers of polyhydric alcohols, Production of. G. W. Batchelder. 2,110,695; Mar. 8.  
 Dinitriles, Preparation of. G. W. Rigby. 2,121,551; June 21.  
 Dinitriles, Preparing aliphatic. C. H. Greenewalt and G. W. Rigby. 2,132,849; Oct. 11.  
 Dioptermeter, Visualizing. J. S. Dunn. 2,136,735; Nov. 15.  
 Dip, Animal. R. L. Sibley. 2,122,389; June 28.  
 Diphenyl compounds and salts thereof, Sulphonated alkylated. G. L. Magoun. 2,135,978; Nov. 8.  
 Diphenyl derivative. S. Gassner and B. Bienert. 2,131,731; Oct. 4.  
 Diphenyleneoxide and preparing them, Substitution products of. K. Zahn and K. Schimmelschmidt. 2,121,331; June 21.  
 Dipper and mold, Ice cream. A. M. Healy. 2,108,585; Feb. 15.  
 Dipper, power operated, Ice cream. J. Stasinski, F. Edinger, and J. E. Thebaud. 2,109,598; Mar. 1.  
 Dipper tooth. G. W. Mork. 2,108,075; Feb. 15.  
 Dipping apparatus. G. S. Hendrie. 2,112,600; Mar. 29.  
 Dipping machine for producing seamless articles from substances in solution. A. Boecler. 2,133,947; Oct. 25.  
 Direct-current measuring means. W. Krämer. 2,137,878; Nov. 22.  
 Direct fired unit heater. H. C. Anderson. 2,115,057; Apr. 26.  
 Direct top strata-of-liquid heater. T. F. Dittmar. 2,113,577; Apr. 12.  
 Direction and position indicator for motor vehicles. H. Hohmann. 2,118,559; May 24.  
 Direction finder. F. J. Hooven. 2,107,633; Feb. 8.  
 Direction finder. A. Leib and W. Kühlewind. 2,120,366; June 14.  
 Direction finder. W. A. Tolson. 2,130,912; Sept. 20.  
 Direction finder correcting loop. B. L. Dolbear. 2,137,273; Nov. 22.  
 Direction finding method. E. Kramar. 2,117,848; May 17.  
 Direction finding system. K. Fritz. 2,112,283; Mar. 29.  
 Direction indicating system. J. P. McCreedy. 2,120,288; June 14.  
 Direction indicator for vehicles. H. Kershaw. 2,141,992; Dec. 27.  
 Direction-indicator, Vehicle. B. Jablonsky. 2,138,102; Nov. 29.  
 Direction maintaining device for dirigible craft. G. Rieper. 2,115,498; Apr. 26.  
 Direction maintaining means for use on dirigible craft. G. Z. von Manteuffel. 2,126,935; Aug. 16.  
 Direction maintaining means for use on dirigible craft. G. Wunsch and G. Z. von Manteuffel. 2,126,855; Aug. 16.  
 Direction signal. R. Hollaway. 2,119,626; June 7.  
 Direction signal. G. W. Mason. 2,138,976; Dec. 6.  
 Direction signal, Automobile. W. I. Harnsberger. 2,139,407; Dec. 6.  
 Directional signal. I. H. Crocker. 2,121,685; June 21.  
 Directional signal. A. M. Nielsen. 2,136,310; Nov. 8.  
 Dirt collector. C. C. Farmer. 2,121,538; June 21.  
 Dirt moving machine, Hydraulically controlled. C. Le Bleu. 2,109,392; Feb. 22.  
 Disazodyestuffs and their manufacture. H. Mirocourt and M. G. Jircu. 2,137,498; Nov. 22.  
 Disc rolling apparatus. A. B. Pearson. 2,118,224; May 24.  
 Discharge apparatus, Electric. H. Kniepkamp. 2,106,847; Feb. 1.  
 Discharge device. T. A. Elder. 2,137,836; Nov. 22.  
 Discharge device and method of starting, Electric. G. E. Inman. 2,109,998; Mar. 1.



- Discharge device, Electric. J. O. Aicher. 2,109,984; Mar. 1.
- Discharge device, Electric. C. Depew. 2,119,855; June 7.
- Discharge device, Electric. D. D. Knowles. 2,126,398; Aug. 9.
- Discharge device for chilling machines and the like. C. Doering. 2,123,596; July 12.
- Discharge device, Gas or vapor filled. H. Vatter. 2,121,615; June 21.
- Discharge device, High power. J. E. Clark, S. O. Ekstrand, and V. L. Ronci. 2,105,472; Jan. 18.
- Discharge device, High voltage. A. Bouwers. 2,119,069; May 31.
- Discharge for concrete mixers. E. H. Lichtenberg and O. Sheck. 2,135,874; Nov. 8.
- Discharge lamp. F. C. Brueckmann. 2,113,314; Apr. 5.
- Discharge lamp. D. S. Gustin. 2,110,597; Mar. 8.
- Discharge tube. H. G. Boumeester. 2,129,314; Sept. 6.
- Discharge tube, Gaseous. E. F. Lowry. 2,114,885; Apr. 19.
- Discharge tube, High tension. A. Bouwers. 2,110,259; Mar. 8.
- Discharge tube, High voltage. A. Bouwers and J. H. van der Tuuk. 2,107,597; Feb. 8.
- Discharging receptacle. G. Lapiere. 2,130,466; Sept. 20.
- Disconnect switch. J. J. Crabbs. 2,137,077; Nov. 15.
- Disconnecting fuse switch. W. O. Schultz and A. G. Steinmayer. 2,118,270; May 24.
- Disease, Apparatus for testing pullorum. L. V. Hitsman and W. E. Schultz. 2,118,305; May 24.
- Disease of the genital organs, Device for the treatment of. J. B. Biederman. 2,112,646; Mar. 29.
- Diseases, Apparatus for treating vascular. C. Sauzedde. 2,134,646; Oct. 25.
- Disguise medium. J. W. Dawn. 2,124,767; July 26.
- Dish. F. S. Donchian. 2,121,654; June 21.
- Dish. A. T. Kieft. 2,108,863; Feb. 22.
- Dish. R. E. Lumpkin. 2,128,371; Aug. 30.
- Dish, Artist's color mixing. R. M. Allman. 2,124,810; July 26.
- Dishcloth, Metal. L. E. Shick. 2,139,175; Dec. 6.
- Dish, Serving. L. Pittler. 2,117,102; May 10.
- Dishwasher. W. R. Walker. 2,127,017; Aug. 16.
- Dishwashing and sterilizing machine. J. D. Lewis. 2,127,778; Aug. 23.
- Dishwashing apparatus. W. R. Adams and G. B. Grace. 2,111,038; Mar. 15.
- Dishwashing apparatus. F. A. Walker. 2,136,259; Nov. 8.
- Dishwashing machine. R. Chico, G. R. Porter, and G. Webb. 2,131,615; Sept. 27.
- Dishwashing machine. J. E. C. Currens. 2,116,101; May 3.
- Disher, Ice cream. J. D. Wilhoit. 2,129,753; Sept. 13.
- Dishes, Method and apparatus for washing. J. L. Clough. 2,124,052; July 19.
- Dishes, silverware, and the like, Apparatus for washing. D. E. Yochem. 2,137,971; Nov. 22.
- Disinfectant for seeds, Dry. F. Wolff. 2,109,143; Feb. 22.
- Disintegrating machine. G. I. Andersen. 2,115,134; Apr. 26.
- Disintegrating machine. E. J. R. Chenoweth. 2,139,933; Dec. 13.
- Disintegrator. D. Rodgers. 2,133,756; Oct. 18.
- Disk, Abrasive. H. O. Sundhauss. 2,125,742; Aug. 2.
- Disk bit, Rolling. J. A. Zublin. 2,126,079; Aug. 9.
- Disk construction for radial flow turbines. U. Meiningshaus. 2,115,031; Apr. 26.
- Disk harrow. A. O. Espe. 2,114,049; Apr. 12.
- Disk harrow. D. F. Taylor. 2,114,549; Apr. 19.
- Disk harrow, Combined wide and tandem. C. V. Everett. 2,113,832; Apr. 12.
- Disk meter. E. M. Krueger. 2,129,943; Sept. 13.
- Disk mounting. R. H. Mitchell, O. W. Sjogren, and E. F. Wadelon. 2,135,192; Nov. 1.
- Disk, Ornamental wheel. G. A. Lyon. 2,139,900; Dec. 13.
- Disk rolling apparatus. A. B. Pearson. 2,135,643; Nov. 8.
- Disk wheels or the like, Apparatus for forming. E. A. Nelson. 2,138,115; Nov. 20.
- Disks in piles and discharging the packets obtained, Packing. G. Rooth. 2,120,789; June 14.
- Disks, Manufacturing circular sheet metal. H. Schuster. 2,137,099; Nov. 15.
- Disks to grinding or polishing machines, Applying abroad. V. G. Schwenke. 2,127,703; Aug. 23.
- Dispatch system, Pneumatic. C. S. Jennings. 2,139,126; Dec. 6.
- Dispatcher. A. D. Rollins. 2,136,711; Nov. 15.
- Dispenser: See—
- Lubricant dispenser. Perfume dispenser.
- Measured quantity dispenser. Powder dispenser.
- Measuring dispenser. Sugar dispenser.
- Odor dispenser. Tape dispenser.
- Paper dispenser. Tongue depressor dispenser.
- Paper towel dispenser. Towel dispenser.
- Paste dispenser.
- Dispenser. M. Allen. 2,135,378; Nov. 1.
- Dispenser. T. F. Barnes. 2,137,041; Nov. 15.
- Dispenser. S. Bloomfield. 2,141,160; Dec. 27.
- Dispenser. F. L. Broeren and S. N. Hope. 2,138,692; Nov. 29.
- Dispenser. H. Carew. 2,141,682; Dec. 27.
- Dispenser. E. L. Chott. 2,113,460; Apr. 5.
- Dispenser. W. B. and W. C. Damsel. 2,117,791; May 17.
- Dispenser. W. Hall. 2,109,795; Mar. 1.
- Dispenser. C. D. Hill. 2,110,599; Mar. 8.
- Dispenser. D. D. Hoefler. 2,104,990; Jan. 11.
- Dispenser. E. M. Ilseman. 2,119,917; June 7.
- Dispenser. H. F. Johnston. 2,125,572; Aug. 2.
- Dispenser. H. F. Johnston and E. H. Tompkins. 2,135,180; Nov. 1.
- Dispenser. E. K. Morlok. 2,111,123; Mar. 15.
- Dispenser. H. R. Noll. 2,108,020; Feb. 8.
- Dispenser. L. A. Paul. 2,105,370; Jan. 11.
- Dispenser. T. K. Podwyszynski. 2,122,695; July 5.
- Dispenser. F. E. Smith. 2,129,971; Sept. 13.
- Dispenser. D. C. Taylor. 2,123,318; July 12.
- Dispenser. H. R. Tear. 2,120,008; June 7.
- Dispenser. H. R. Tear. 2,131,488; Sept. 27.
- Dispenser. H. R. Tear and G. K. Squier. 2,123,755; July 12.
- Dispenser. O. N. Wiswell. 2,104,843; Jan. 11.
- Dispenser and stopper, Ink bottle. E. Schlueter. 2,132,518; Oct. 11.
- Dispenser and timer, Paper towel. L. L. Price and M. E. Maltby. 2,135,767; Nov. 8.
- Dispenser for beverages, Portable. C. W. Sweitzer. 2,105,339; Jan. 11.
- Dispenser for beverages, Refrigerating. G. B. Marzolf. 2,104,466; Jan. 4.
- Dispenser for bottles, Double identity liquid. L. R. Paul. 2,109,750; Mar. 1.
- Dispenser for carbonated drinks. F. H. Tweed. 2,121,841; June 28.
- Dispenser for cherries or the like. S. V. Dahlin. 2,119,224; May 31.
- Dispenser for dishwashing machines, Alkali solution. V. J. Sinkwich. 2,138,943; Dec. 6.
- Dispenser for foods and the like. H. H. Holmes. 2,136,263; Nov. 8.
- Dispenser for ice cream cones. F. W. Mimeo. 2,118,321; May 24.
- Dispenser for mayonnaise and like materials. J. and M. Goldfarb, and H. W. Hahn. 2,105,646; Jan. 18.
- Dispenser for paper articles. F. P. Vaughan, A. G. Krueger, and N. J. Slye. 2,139,339; Dec. 6.
- Dispenser for tea bags. F. Cooper. 2,115,923; May 3.
- Dispenser or container. H. W. Rueger. 2,104,887; Jan. 11.
- Dispensers, guest's announcers, and advertising means, Device for napkin. O. A. Kaparin and S. Rappaport. 2,124,963; July 26.
- Dispensing and display device. J. Burgess. 2,119,700; June 7.
- Dispensing and measuring device. F. Engrao. 2,110,672; Mar. 8.
- Dispensing and measuring device, Rotatable. C. J. Rohde and M. T. Menier. 2,104,332; Jan. 4.
- Dispensing and signal apparatus, Coin controlled. J. W. Calvert. 2,117,144; May 10.
- Dispensing apparatus. W. R. Bagan. 2,124,856; Nov. 1.
- Dispensing apparatus. W. M. Carroll. 2,100,084; Feb. 22.
- Dispensing apparatus. N. A. and H. J. Macdonald. 2,124,073; July 19.
- Dispensing apparatus. W. L. Marden. 2,109,178; Feb. 22.
- Dispensing apparatus. A. E. Paige. 2,141,015; Dec. 20.
- Dispensing apparatus. R. Rose. 2,124,174; Oct. 15.
- Dispensing apparatus. M. H. Sachnow. 2,139,116; June 7.
- Dispensing apparatus. E. Setz and H. Prochl. 2,109,978; Mar. 1.
- Dispensing apparatus. R. C. Smith. 2,137,031; Nov. 15.
- Dispensing apparatus. H. C. Sullivan and A. A. Wotter. 2,126,341; Aug. 9.
- Dispensing apparatus, Coin controlled. F. Lahn. 2,117,437; May 17.
- Dispensing apparatus, Coin controlled. W. Rabban. 2,109,868; Mar. 1.
- Dispensing apparatus for beverages. C. H. Eisenmenger. 2,116,622; May 19.
- Dispensing apparatus for carbonated beverages. R. J. Jenkins and C. J. Addicks. 2,104,986; Feb. 8.
- Dispensing apparatus for liquid gas. L. J. White. 2,121,673; June 21.
- Dispensing apparatus for vending machines. F. W. Hoban. 2,135,665; Nov. 8.
- Dispensing apparatus, Portable. C. R. Ylstra. 2,100,250; Feb. 22.
- Dispensing apparatus with indicator and automatic controls. J. M. Davton. 2,121,396; June 21.
- Adhesive strip dispenser. Food dispenser.
- Automatic paste dispenser. Gasoline dispenser.
- Bar soap dispenser. Hairpin dispenser.
- Beer dispenser. Hamburger dispenser.
- Beverage dispenser. Holy water dispenser.
- Bottle dispenser. Hot female dispenser.
- Butter dispenser. Lather dispenser.
- Cigarette dispenser. Liquid dispenser.
- Coin dispenser. Liquid refrigerating dispenser.
- Condiment dispenser. Liquor dispenser.
- Fluid drip dispenser.



- Dispensing attachment for beverage containers. G. W. Myers. 2,105,051; Jan. 11.
- Dispensing box. H. L. Wilson. 2,131,494; Sept. 27.
- Dispensing cabinet, Multiple compartment. W. S. Corbin. 2,109,412; Feb. 22.
- Dispensing cap. J. C. Boyle. 2,107,324; Feb. 8.
- Dispensing cap. E. L. Chott. 2,107,563; Feb. 8.
- Dispensing container. E. T. Bessler. 2,141,704; Dec. 27.
- Dispensing container. J. M. Cahaney. 2,111,884; Mar. 22.
- Dispensing container. A. J. Chamberlain. 2,105,718; Jan. 18.
- Dispensing container. A. J. Chamberlain. 2,129,819; Sept. 13.
- Dispensing container. M. S. Desser. 2,135,330; Nov. 1.
- Dispensing container. E. J. Goeritz and B. A. Meyer. 2,118,346; May 24.
- Dispensing container. K. C. Gulden. 2,136,338; Nov. 8.
- Dispensing container. C. E. Hoyt. 2,116,973; May 10.
- Dispensing container. H. H. Lurssen. 2,131,518; Sept. 27.
- Dispensing container. H. L. Newton. 2,123,741; July 12.
- Dispensing container, Cotton. B. F. Conner. 2,114,872; Apr. 19.
- Dispensing device. F. D. Aldrich. 2,131,831; Oct. 4.
- Dispensing device. H. D. Ayars. 2,123,223; July 12.
- Dispensing device. S. Belveal. 2,130,941; Sept. 20.
- Dispensing device. L. N. Booger. 2,135,999; Nov. 8.
- Dispensing device. W. L. Buedingen. 2,118,154; May 24.
- Dispensing device. W. M. Christopher. 2,131,218; Sept. 27.
- Dispensing device. W. R. Cox, M. M. Morris, and W. L. Pierce. 2,133,430; Oct. 18.
- Dispensing device. J. A. Diemer. 2,141,684; Dec. 27.
- Dispensing device. E. A. Gay. 2,125,288; Aug. 2.
- Dispensing device. H. Hefti. 2,118,022; Apr. 5.
- Dispensing device. V. C. Kirby. 2,141,691; Dec. 27.
- Dispensing device. E. Latocha. 2,123,606; July 12.
- Dispensing device. H. G. Lomas. 2,106,377; Jan. 25.
- Dispensing device. G. Mellen. 2,107,615; Feb. 8.
- Dispensing device. W. F. Muller. 2,112,043; Mar. 22.
- Dispensing device. R. E. Perry. 2,105,892; Jan. 18.
- Dispensing device. M. J. Peters. 2,110,713; Mar. 8.
- Dispensing device. E. Piquerez. 2,139,097; Dec. 6.
- Dispensing device. F. T. Rabens and G. T. Wild. 2,111,730; Mar. 22.
- Dispensing device. K. Sandhop. 2,106,280; Jan. 25.
- Dispensing device. W. H. Sands and H. N. Moore. 2,129,627; Sept. 6.
- Dispensing device. A. S. Schenker. 2,132,497; Oct. 11.
- Dispensing device. P. I. Schultz and J. J. Pelouch. 2,105,990-91; Jan. 18.
- Dispensing device. B. F. Smiggen. 2,135,854; Nov. 8.
- Dispensing device. R. H. Smith, Jr. 2,117,685; May 17.
- Dispensing device. G. Westman. 2,127,794; Aug. 23.
- Dispensing device. E. J. Woeltjen. 2,133,679; Oct. 18.
- Dispensing device. F. E. Wolcott. 2,110,252; Mar. 8.
- Dispensing device. J. Woo. 2,131,651; Sept. 27.
- Dispensing device for cartons. R. C. Mitchell. 2,115,033; Apr. 26.
- Dispensing device for collapsible tubes. C. S. Mann. 2,116,904; May 10.
- Dispensing device for paper napkins. E. C. Morris. 2,108,825; Feb. 22.
- Dispensing device for roll paper. M. Mezooff. 2,132,177; Oct. 4.
- Dispensing faucet handle. F. C. Picut. 2,139,204; Dec. 6.
- Dispensing gauge. L. H. Lippert and J. F. York. 2,127,875; Aug. 23.
- Dispensing machine. F. C. Du Grenier. 2,128,179; Aug. 23.
- Dispensing machine. F. C. Du Grenier. 2,128,181; Aug. 23.
- Dispensing machine. F. W. Hoban. 2,133,453; Oct. 18.
- Dispensing machine. A. O. Simmons. 2,129,185; Sept. 6.
- Dispensing machine. C. V. Vanbergen. 2,114,363; Apr. 19.
- Dispensing means for carbonated beverages. E. R. Taylor. 2,125,248; July 26.
- Dispensing mechanism. R. Bares. 2,139,433; Dec. 6.
- Dispensing mechanism. A. E. and H. R. Rozin. 2,114,087; Apr. 12.
- Dispensing receptacle. H. C. Harvey. 2,112,959; Apr. 5.
- Dispensing system. G. R. Anderson and F. F. Davis. 2,109,896; Mar. 1.
- Dispensing system, Merchandise. S. Esgr6. 2,127,769; Aug. 23.
- Dispensing unit. T. Bailey. 2,141,337; Dec. 27.
- Dispensing valve, Liquid measuring. W. W. Cannon. 2,135,168; Nov. 1.
- Dispensing agent. H. R. Dittmar. 2,120,933; June 14.
- Dispensing method. G. E. Grindrod. 2,127,026; Aug. 16.
- Displacement means. C. Bancroft. 2,132,595; Oct. 11.
- Displacement means, Rotary. C. Bancroft. 2,132,596; Oct. 11.
- Displacement pump, Automatic fluid actuated. W. W. Thayer. 2,109,513; Mar. 1.
- Display. L. W. Joyce. 2,114,250; Apr. 12.
- Display and delivery cabinet. W. W. Lax. 2,112,498; Mar. 29.
- Display and dispensing box. P. K. Wrigley. 2,138,589; Nov. 29.
- Display and like device. W. G. Horton. 2,111,780; Mar. 22.
- Display and making the same, Decorative. I. Bartelstone. 2,125,865; Aug. 9.
- Display and shipping box, Combined. M. M. Soybel. 2,137,420; Nov. 22.
- Display and shipping carton. R. S. Ghiselin. 2,105,942; Jan. 18.
- Display apparatus. H. M. Alexander. 2,118,131; May 24.
- Display apparatus. J. Taddonio. 2,119,562; June 7.
- Display board. R. G. Curtis and C. L. Boland. 2,139,150; Dec. 6.
- Display board. O. R. Hartzell. 2,115,718; May 3.
- Display box. J. Cage. 2,131,093; Sept. 27.
- Display box. F. E. Cummings. 2,137,906; Nov. 22.
- Display box. W. R. Graham. 2,126,461; Aug. 9.
- Display box. R. R. Holcomb. 2,110,600; Mar. 8.
- Display box. M. E. Jaques. 2,125,725; Aug. 2.
- Display box. J. L. Larkin. 2,125,845; Aug. 2.
- Display box. E. A. Lee. 2,136,797; Nov. 15.
- Display box. J. R. Samuel. 2,129,879; Sept. 13.
- Display box. J. Shiffman and H. Gross. 2,126,049-50; Aug. 9.
- Display box. W. J. Tiskey. 2,131,239; Sept. 27.
- Display box easel cover. J. K. Darragh. 2,140,000; Dec. 13.
- Display box stand. W. E. Thomas. 2,107,991; Feb. 8.
- Display cabinet. E. R. Forthoffer. 2,123,774; July 12.
- Display cabinet. T. J. Pilliod and F. C. H. Müller. 2,105,550; Jan. 18.
- Display cabinet, Article. T. J. Pilliod and F. C. H. Müller. 2,123,023; July 5.
- Display card holder. D. Garfinkle. 2,122,910; July 5.
- Display case. C. R. Anderson. 2,123,394; July 12.
- Display case. F. W. and C. L. Holderle. 2,126,111-2; Aug. 9.
- Display case. C. C. Lumry. 2,106,487; Jan. 25.
- Display case. T. J. Pilliod and F. C. H. Müller. 2,123,022; July 5.
- Display case. T. J. Pilliod and F. C. H. Müller. 2,132,318; Oct. 4.
- Display case. L. O. Wetherell. 2,117,690; May 17.
- Display case. O. L. Whitehead. 2,123,680; July 12.
- Display construction. A. B. Mull. 2,116,908; May 10.
- Display container. R. H. Anderson. 2,112,551; Mar. 29.
- Display container. A. S. Ethridge. 2,141,743; Dec. 27.
- Display container. M. H. Lane. 2,115,269; Apr. 26.
- Display container. H. M. Lewis and J. C. Barnhardt. 2,134,636; Oct. 25.
- Display container. A. H. Newman. 2,105,199; Jan. 11.
- Display device. N. A. Arend. 2,129,519; Sept. 6.
- Display device. C. J. Bacon. 2,125,710; Aug. 2.
- Display device. D. R. Baker and H. P. Nordmark. 2,120,307; June 14.
- Display device. C. H. Barber. 2,130,334; Sept. 20.
- Display device. R. M. Bartmess. 2,115,937; May 3.
- Display device. J. R. Boyer. 2,125,268; Aug. 2.
- Display device. V. T. Bugge. 2,126,729; Aug. 16.
- Display device. R. M. Carnes and R. E. Gearhart. 2,129,647; Sept. 13.
- Display device. G. L. Connelly. 2,125,045; July 26.
- Display device. C. J. Davis. 2,130,616; Sept. 20.
- Display device. L. G. Englar. 2,135,124; Nov. 1.
- Display device. F. G. Garner and G. A. Auer. 2,119,430; May 31.
- Display device. H. Godoy. 2,122,250; June 28.
- Display device. R. S. Going. 2,117,882; May 17.
- Display device. M. R. Greiser. 2,132,531; Oct. 11.
- Display device. H. L. Hollis. 2,123,361; July 12.
- Display device. M. Hyndman. 2,135,306; Nov. 1.
- Display device. L. H. Ireland. 2,117,249; May 10.
- Display device. H. H. Johnson. 2,128,587; Aug. 30.
- Display device. G. C. Kindred. 2,109,777; Mar. 1.
- Display device. A. Koebler. 2,113,406; Apr. 5.
- Display device. A. Koebler. 2,120,411; June 14.
- Display device. J. W. Less. 2,131,960; Oct. 4.
- Display device. E. L. Locklear. 2,140,804; Dec. 20.
- Display device. C. A. Long, Jr. 2,138,348; Nov. 29.
- Display device. G. C. Malcomson. 2,107,641; Feb. 8.
- Display device. R. J. Mancuso. 2,141,216; Dec. 27.
- Display device. H. L. Myers. 2,119,343; May 31.
- Display device. H. L. Myers. 2,135,041; Nov. 1.
- Display device. A. F. Osborn. 2,127,930; Aug. 23.
- Display device. R. E. Paige. 2,113,432; Apr. 5.
- Display device. G. H. Reverman. 2,104,951; Jan. 11.
- Display device. D. J. Richardson. 2,138,429; Nov. 29.
- Display device. C. Roberts. 2,129,023; Sept. 6.
- Display device. J. Schick. 2,130,197; Sept. 13.
- Display device. R. A. Schmidt. 2,115,243; Apr. 26.
- Display device. E. Schwartz. 2,135,604; Nov. 8.
- Display device. L. E. Shaw. 2,120,117; June 7.
- Display device. C. H. Smith and J. E. Conner. 2,108,002; Feb. 8.
- Display device. M. M. Soybel and T. B. Lamb. 2,134,846; Nov. 1.
- Display device. J. R. Sutton. 2,120,445; June 14.
- Display device. E. J. Walker. 2,111,015; Mar. 15.
- Display device, Activated. L. J. Cariveau. 2,123,932; July 19.
- Display device, Advertising. W. J. French. 2,127,910; Aug. 23.
- Display device, Advertising. A. Friedman and B. S. Colnes. 2,120,519; June 14.



- Display device and folder. L. P. Neher. 2,123,610; July 12.
- Display device and making the same. S. Dorée. 2,114,337; Apr. 19.
- Display device and manufactured blank therefor, Light reflecting. G. R. Wilson. 2,130,256; Sept. 13.
- Display device and producing same. N. D. Nelson. 2,116,471; May 3.
- Display device, Collapsible. H. Ouwerkerk. 2,113,237-8; Apr. 5.
- Display device for shop windows. S. Belobrajdech. 2,124,997; July 26.
- Display device for wearing apparel. M. F. Wittenberg. 2,107,356; Feb. 8.
- Display device, Illuminated. F. A. Sunderhauf. 2,119,689; June 7.
- Display device, Pocket type. L. P. Neher. 2,127,342; Aug. 16.
- Display figure. W. J. Sweeney. 2,106,818; Feb. 1.
- Display form, Moldable and adjustable. I. R. Rock. 2,127,941; Aug. 23.
- Display frame. T. Chmielewski and N. A. Monfort. 2,140,666; Dec. 20.
- Display holder. H. L. Moore. 2,125,191; July 26.
- Display holder. E. F. Young. 2,120,826; June 14.
- Display holder, Folding. H. Ziemmerman. 2,133,336; Oct. 18.
- Display rack. L. H. Best. 2,137,749; Nov. 22.
- Display rack. C. R. Black. 2,122,833; July 5.
- Display rack. C. M. Brown. 2,109,379; Feb. 22.
- Display rack. E. R. Erickson. 2,127,722; Aug. 23.
- Display rack. R. A. Jesse and E. E. Fisher. 2,114,424; Apr. 19.
- Display rack. C. T. Lundstrom and E. A. McLaughlin. 2,134,638; Oct. 25.
- Display rack. C. C. McGaugh. 2,130,672; Sept. 20.
- Display rack. W. R. Minton. 2,128,493; Aug. 30.
- Display rack. D. J. Randall. 2,133,925; Oct. 18.
- Display rack. H. C. Robinson. 2,119,442; May 31.
- Display rack. H. J. Rubenstein and L. Talbot. 2,140,116; Dec. 13.
- Display rack. F. A. Sunderhauf. 2,110,429; Mar. 8.
- Display rack, Demountable. J. E. Bales and T. C. Weltmer. 2,110,034; Mar. 1.
- Display rack, Folding. D. W. Flagler. 2,137,895; Nov. 22.
- Display receptacle. M. I. Williamson. 2,139,534; Dec. 6.
- Display retainer, Sample cloth. L. Cahn. 2,141,461; Dec. 27.
- Display screen. A. Lewy. 2,120,072; June 7.
- Display sign. J. E. Bielski. 2,130,917; Sept. 20.
- Display sign. R. M. Meisel. 2,133,824; Oct. 18.
- Display sign. P. Morton. 2,134,833; Nov. 1.
- Display sign. B. N. Reamer. 2,132,970; Oct. 11.
- Display spacer. H. L. Walter. 2,123,264; July 12.
- Display stand. L. Aacerud. 2,139,649; Dec. 13.
- Display stand. L. H. Best. 2,137,748; Nov. 22.
- Display stand. W. P. Crilly. 2,114,735; Apr. 19.
- Display stand. H. Einbinder. 2,109,586; Mar. 1.
- Display stand. C. A. Follett. 2,129,122; Sept. 6.
- Display stand. F. W. Hill. 2,132,785; Oct. 11.
- Display stand. R. S. Kieffer and W. A. Schenke. 2,119,788; June 7.
- Display stand. G. S. Nelson. 2,133,254; Oct. 11.
- Display stand. W. P. Schott. 2,114,357; Apr. 19.
- Display stand. F. A. Sunderhauf. 2,122,500; July 5.
- Display stand. W. E. Thomas. 2,127,967; Aug. 23.
- Display stand, Refrigerated. W. L. Stewart. 2,115,048; Apr. 26.
- Display structure. M. J. Baldwin. 2,118,135; May 24.
- Display structure. A. J. Bates, Jr. 2,110,354; Mar. 8.
- Display support. R. G. Ostrander. 2,132,799; Oct. 11.
- Display support. A. E. Pradt. 2,115,449; Apr. 26.
- Display unit. J. Hutchinson. 2,113,348; Apr. 5.
- Display unit. A. B. Mull. 2,106,153; Jan. 18.
- Display unit. A. B. Mull. 2,119,085; May 31.
- Display unit. A. B. Mull and A. E. Pradt. 2,139,377; Dec. 6.
- Display unit, Merchandise. T. C. Thompson. 2,108,516; Feb. 15.
- Dissolving, softening, gelatinizing, and swelling agents. W. Schrauth and K. Stickdorn. 2,137,007; Nov. 15.
- Distance and depth measurement, Apparatus for. E. E. Turner, Jr. 2,108,090; Feb. 15.
- Distance and depth measurement, System and method of. W. Kunze. 2,116,523; May 10.
- Distance and direction determining system. H. Scharlau. 2,116,717; May 10.
- Distance and speed measurement of moving craft. H. I. Becker. 2,115,568; Apr. 26.
- Distance annunciator. D. S. Dolg. 2,120,550; June 14.
- Distance determining system. W. Runge. 2,134,535; Oct. 25.
- Distance finder. D. J. Baker. 2,133,241; Oct. 11.
- Distance measuring means and method. F. Fischer and L. Reilstab. 2,108,766; Feb. 15.
- Distance measuring system. G. Neumann. 2,118,518; May 24.
- Distance, System and method of determining. A. B. Bailey. 2,120,971; June 21.
- Distillate treating process. H. G. Peterson. 2,141,798; Dec. 27.
- Distillates, Treatment of cracked. W. E. Kuhn. 2,120,134; June 7.
- Distillation. G. S. Dunham. 2,113,130; Apr. 5.
- Distillation. K. C. D. Hickman. 2,113,302; Apr. 5.
- Distillation. W. H. Shiffer and J. Q. Cope. 2,115,401; Apr. 26.
- Distillation. R. B. Smith. 2,122,762; July 5.
- Distillation, Apparatus for high-vacuum. B. E. A. Vigers and J. L. McCowen. 2,137,553; Nov. 22.
- Distillation, Fractional. H. R. Swanson and J. S. Wallis. 2,115,793; May 3.
- Distillation, Fractional short-path. R. G. J. Fraser. 2,128,223; Aug. 30.
- Distillation, Method and apparatus for. G. S. Dunham. 2,108,659; Feb. 15.
- Distillation process. K. C. D. Hickman. 2,117,802; May 17.
- Distillation process. K. C. D. Hickman and J. C. Hecker. 2,126,467; Aug. 9.
- Distillation process. P. J. Roelfsema. 2,113,965; Apr. 12.
- Distillation, Process and apparatus for pressure. D. G. Brandt. Re. 20,951; Dec. 20.
- Distillation process for hydrocarbon oils. J. S. Wallis and C. T. Chave. 2,140,342; Dec. 13.
- Distillation process, Vacuum. K. C. D. Hickman. 2,124,879; July 26.
- Distillations, Apparatus for high vacuum. E. W. Fawcett and J. L. McCowen. 2,109,129; Feb. 22.
- Distillator and carbonizer, Combined. L. Strelka. 2,119,973; June 7.
- Distilling apparatus for high-boiling liquids such as coal tar. H. Koppers. 2,137,722; Nov. 22.
- Distortion check for welding apparatus. L. C. Powell. 2,106,987; Feb. 1.
- Distortion correction in wave transmission. H. S. Black. 2,140,492; Dec. 20.
- Distortion indicating and measuring device. F. A. Cowan. 2,129,823; Sept. 13.
- Distortion indicating and measuring device for printing telegraph systems. R. B. Hearn. 2,107,753; Feb. 8.
- Distortion reducing system in modulated amplifiers. W. H. Wirkler. 2,133,410; Oct. 18.
- Distributing means. E. R. Troxell, Jr. 2,126,230; Aug. 9.
- Distributing mechanism of typographical composing machines. T. R. Castle. 2,117,541; May 17.
- Distributing system for rotary offset and lithographic presses, Dual purpose. J. G. Goedike. 2,110,216; Mar. 8.
- Distribution apparatus. H. H. Rugg and P. S. Graham. 2,121,610; June 21.
- Distribution device. A. J. Smith and G. J. Coupe. 2,117,372; May 17.
- Distribution system for explosion or internal combustion engines. M. Kadenacy. 2,113,480; Apr. 5.
- Distributor. S. V. Swanson. 2,110,430; Mar. 8.
- Distributor and spreader, Material. F. F. Arndt. 2,116,612; May 10.
- Distributor for fluid pressure brake systems. L. Kamenarovic. 2,135,007; Nov. 1.
- Distributor for material handling apparatus, Rotary material. D. S. Neal. 2,133,396; Oct. 18.
- Distributor head for stokers. H. P. Anderson. 2,135,249; Nov. 1.
- Distributor head for stokers. C. A. Binney. 2,121,313; June 21.
- Distributor, Ignition. J. L. Arthur. 2,133,113; Oct. 18.
- Distributor member for stokers. E. A. Turner and C. J. Surdy. 2,113,259; Apr. 5.
- Distributor plate for steam blast stokers. W. T. Hanna. 2,125,289; Aug. 2.
- Distributor system. Start-stop. H. C. Robinson. 2,124,163; June 21.
- Disturbance responsive switch. F. B. Johnson and I. Jacobson. 2,106,605; Jan. 25.
- Disulphide, Manufacture of organic. R. C. Moran and G. S. Crandall. 2,113,093; Apr. 5.
- Disulphides, Preparing dithiazyl. A. J. Gracia. 2,119,131; May 31.
- Dithianoso-titanic-carboxide, Preparation of. C. J. Kinzie and E. Walner. 2,129,161; Sept. 6.
- Divider and platform support, Combination. W. P. Gemmill. 2,105,645; Jan. 18.
- Divider and rounder, Combined. F. Marasso. 2,110,018; May 31.
- Divider for air conduits, Slip. J. J. Holub. 2,126,014; Aug. 9.
- Dividing and reinforcing means for concrete roadways. J. W. Kerr. 2,107,827; Feb. 8.
- Diving bar. S. C. Aubrey. 2,127,709; Aug. 23.
- Diving board apparatus. C. W. Sireh. 2,106,008; Jan. 18.
- Diving board construction. A. L. Robbins. 2,111,078; Mar. 15.
- Diving board, Dual fulcrum. P. V. Townsend. 2,112,315; Mar. 20.
- Divisor. P. F. Daniel. 2,114,653; Apr. 19.
- Dobby finger for looms. E. R. Holmes. 2,135,137; Nov. 1.
- Doctor, Air. K. E. Terry. 2,139,628; Dec. 6.
- Doctor mechanism for rolls and cylinders. F. W. Loddington. 2,117,032; May 10.
- Documents, Detecting alterations of. J. Blatch. 2,123,397; July 12.
- Dock Baling press. J. Blewett. 2,139,928; Dec. 13.
- Dog for conveyer chuting, Pusher. I. J. Bishop. 2,132,455; Oct. 11.
- Dog, Rattling. W. E. Gilkey. 2,138,489; Nov. 20.



- Dog starting apparatus. T. A. Keen. 2,116,520; May 10.  
 Doll. K. P. Hogan. 2,111,507; Mar. 15.  
 Doll. A. Marsh. 2,137,371; Nov. 22.  
 Doll. E. G. Schaeffer. 2,133,635-6; Oct. 18.  
 Doll, Character. R. B. Peebles. 2,113,532; Apr. 5.  
 Doll construction. M. S. Lower. 2,118,677; May 24.  
 Doll, Dancing. J. S. Lincoln. 2,137,575; Nov. 22.  
 Doll eye construction. A. A. Gerling. 2,116,346; May 3.  
 Doll head. F. Fenton and H. M. Dodge. 2,105,810; Jan. 18.  
 Doll house assembly. D. T. Patten. 2,124,352; July 19.  
 Doll, Rubber. C. H. Nagel. 2,118,682; May 24.  
 Doll, Utility. E. Johnson. 2,117,962; May 17.  
 Doll with sleeping eyes, Cloth. N. Redlich. 2,134,929; Nov. 1.  
 Doll's eye. M. de Cesare. 2,125,426; Aug. 2.  
 Doll's head and eyes therefor. T. Hutnikow. 2,115,169; Apr. 26.  
 Dolly, Truck. H. I. Clark. 2,111,554; Mar. 22.  
 Dome light. R. L. Dashner. 2,116,750; May 10.  
 Door: See—  
   Car door. Refrigerator car door.  
   Coke oven door. Screen door.  
   Deck door. Sectional door.  
   Furnace door. Sliding door.  
   Nest door. Stove door.  
   Oven door. Veneered door.  
   Overhead door.  
 Door. L. Chartier. 2,117,542; May 17.  
 Door. G. M. Cooper. 2,121,395; June 21.  
 Door. A. H. Haberstump. 2,123,106; July 5.  
 Door. A. T. Prescott. 2,118,942; May 31.  
 Door. J. A. Souza. 2,126,148; Aug. 9.  
 Door accessory, Automobile. O. R. Mullens. 2,139,312; Dec. 6.  
 Door actuating mechanism. J. R. Kyle. 2,130,959; Sept. 20.  
 Door and body construction. J. Tjaarda. 2,116,330; May 3.  
 Door and elevator mechanism, Interlocking. H. C. Waldman. 2,126,066; Aug. 9.  
 Door and folding step construction, Railway car trap. E. F. Chaffee. 2,124,872; July 26.  
 Door and frame construction, Sliding. C. F. Hoffman. 2,120,783; June 14.  
 Door and operating mechanism. C. M. Weinheimer. 2,105,873; Jan. 18.  
 Door and sill construction, Vehicle. A. H. Haberstump. 2,114,344; Apr. 19.  
 Door and the like, Bulkhead. J. F. Tucker. 2,111,877; Mar. 22.  
 Door arrangement. J. L. Hearn. 2,134,123; Oct. 25.  
 Door attachment. J. Cassion. 2,122,312; June 28.  
 Doorbell. C. A. Robertson. 2,122,953; July 5.  
 Door check. J. C. Hallada. 2,127,915; Aug. 23.  
 Door check. P. J. and C. P. Harrah. 2,119,743; June 7.  
 Door check. F. A. Masson. 2,137,176; Nov. 15.  
 Door check. W. H. Pugsley. 2,108,511; Feb. 15.  
 Door check. G. L. Sherwood. 2,115,968; May 3.  
 Door check. R. H. Wright. 2,111,017; Mar. 15.  
 Door check and holder. R. H. Wright. 2,125,010; July 26.  
 Door check bracket. R. C. Jacobs. 2,140,958; Dec. 20.  
 Door check construction, Automatic. F. O. De Millar. 2,127,327; Aug. 16.  
 Door checking device. C. F. Lutz. 2,119,589; June 7.  
 Door closer. D. J. Bissell. 2,128,633; Aug. 30.  
 Door closer. G. L. Cerami. 2,114,464; Apr. 19.  
 Door closer. C. E. Hammell. 2,106,926; Feb. 1.  
 Door closer and check. B. S. Bernhard. 2,116,185; May 3.  
 Door closer and check. J. W. Holman. 2,126,258; Aug. 9.  
 Door closing and checking device. D. R. Lasler. 2,133,709; Oct. 18.  
 Door closing apparatus. H. Jerum. 2,140,913; Dec. 20.  
 Door closing device. G. Pipla. 2,114,455; Apr. 19.  
 Door closure. F. P. Cooper. 2,136,611; Nov. 15.  
 Door closure. C. E. Klecan. 2,107,949; Feb. 8.  
 Door construction. J. I. Byrne. 2,109,898; Mar. 1.  
 Door construction. R. J. Olander. 2,124,040; July 19.  
 Door construction, Airplane. S. J. Zand. 2,104,144; Jan. 4.  
 Door construction, Cylinder. F. A. Gerlach. 2,140,621; Dec. 20.  
 Door construction, Cylinder. C. E. Waream. 2,120,167; June 7.  
 Door construction for heating boilers. E. P. Baker. 2,132,507; Oct. 11.  
 Door construction, Garage. W. D. Ferris. 2,114,419; Apr. 19.  
 Door construction, Overhead. J. E. Casse. 2,141,515; Dec. 27.  
 Door construction, Overhead. D. M. Robinson. 2,139,383; Dec. 6.  
 Door construction, Overhead garage. W. E. Bagley and H. H. Bartel. 2,124,969; July 26.  
 Door construction, Stove. F. H. Schneider. 2,129,750; Sept. 13.  
 Door construction, Vehicle. R. Heinz. 2,141,298; Dec. 27.  
 Door control for a closed vehicle body, Overhead. C. H. Clark and R. C. Hollister. 2,113,291; Apr. 5.  
 Door control system, Elevator. V. Molander. 2,111,459; Mar. 15.  
 Door controlling device. G. C. Christy. 2,136,274; Nov. 8.  
 Door dovetail, Automobile. D. W. Dougherty. 2,132,100; Oct. 4.  
 Door edge structure, Sensitive. C. W. Bassett. 2,135,131; Nov. 1.  
 Door elevating control, Automatic. J. F. Winn, Jr. 2,114,198; Apr. 12.  
 Door fastener. S. O. Tveden. 2,126,428; Aug. 9.  
 Door fastener, Hook and eye. V. Giardina and A. Primos. 2,117,159; May 10.  
 Door fastening means. J. Reis. 2,137,654; Nov. 22.  
 Door for automobiles. W. L. Morrison. 2,128,260; Aug. 30.  
 Door for automobiles, Expansible. D. Levinson. 2,134,487; Oct. 25.  
 Door for excavating buckets, Dipper. T. A. Ratkowski. 2,107,342; Feb. 8.  
 Door for horizontal oven chambers. W. Beimmann. 2,126,239; Aug. 9.  
 Door for railway cars, Grain. H. Corkran. 2,116,260; May 3.  
 Door for turkey nests, Automatic. A. D. De Hart. 2,105,879; Jan. 18.  
 Door handle. H. H. Heeman. 2,125,783; Aug. 2.  
 Door handles, Sealing revolvable. F. E. Payne. 2,120,039; June 7.  
 Door handling mechanism. E. W. Schellentrager. 2,137,763; Nov. 22.  
 Door holder. A. N. Dion. 2,140,002; Dec. 13.  
 Door holder. G. M. Gouse. 2,117,060; May 10.  
 Door holder. E. H. Johnson. 2,108,891; Feb. 22.  
 Door holder. C. P. Wicks. 2,121,766; June 21.  
 Door-holding and door-checking device, Combined. R. I. Schonitzer. 2,137,197; Nov. 15.  
 Door jamb. D. Roberts. 2,121,826; June 28.  
 Doorknob. S. P. Morgen. 2,123,539; July 12.  
 Doorknob. H. D. Shaw. 2,105,616-7; Jan. 18.  
 Doorknob and plate. A. E. Paden. 2,131,067; Sept. 27.  
 Doorknob bar. W. C. Heinen. 2,128,144; Aug. 23.  
 Doorknob lock. F. E. Schneider. 2,123,808; July 12.  
 Doorknob, Screwless. M. H. Morrell. 2,116,707; May 10.  
 Door lamp switch, Refrigerator. F. H. Osborne. 2,103,164; Jan. 4.  
 Door latch. G. R. Adams. 2,108,326; Feb. 15.  
 Door latch. W. E. Brown. 2,107,687; Feb. 8.  
 Door latch. W. D. Ferris and N. M. Foulds. 2,114,418; Apr. 19.  
 Door latch. C. H. Saxton. 2,124,751; July 26.  
 Door latch. O. Stinson. 2,128,439; Aug. 30.  
 Door latch. E. H. Waterman. 2,132,590; Oct. 11.  
 Door latch and lock structure. C. E. Mace. 2,106,954; Feb. 1.  
 Door latch guard. E. M. Starling. 2,127,891; Aug. 23.  
 Door latch, Refrigerator. P. Crosley, Jr. 2,135,799; Nov. 8.  
 Door lock. J. W. Barrington and M. White. 2,131,033; Sept. 27.  
 Door lock. C. A. Dies. 2,119,456; May 31.  
 Door lock. A. C. Hubbell. 2,106,951; Feb. 1.  
 Door lock. R. B. McFarlane. 2,141,088; Dec. 20.  
 Door lock. P. Niederrenk. 2,119,175; May 31.  
 Door lock. M. Papst. 2,120,647; June 14.  
 Door lock. G. A. Platin. 2,128,014; Aug. 23.  
 Door lock. F. N. Robertson. 2,121,263; June 21.  
 Door lock. P. F. Rossmann. 2,141,225; Dec. 27.  
 Door lock. J. H. Shaw. 2,124,897; July 26.  
 Door lock. G. E. Steen. 2,118,481; May 24.  
 Door lock. S. Zagrzejewski. 2,124,099; July 19.  
 Door lock, Electric. S. Papp. 2,130,559; Sept. 20.  
 Door lock switch. C. M. Bidefeldt. 2,113,672; Apr. 12.  
 Door locking and operating device, Cell. D. Fries, Sr., and D. G. Fries, Jr. 2,129,171; Sept. 6.  
 Door locking and window operating device for automobiles and the like. E. D. Dall. 2,104,639; Jan. 4.  
 Door locking device, Automobile. J. Cannata. 2,141,902; Dec. 27.  
 Door locking means. J. Toren. 2,132,767; Oct. 11.  
 Door locking mechanism, Automobile. G. Tasman. 2,131,198; Sept. 27.  
 Door mechanism, Revolving. T. M. Hagenbook. 2,111,182; Mar. 15.  
 Door mechanism, Revolving. J. W. Shields. 2,114,405; Apr. 19.  
 Door opening and closing apparatus, Garage. J. J. Kramer. 2,127,522; Aug. 23.  
 Door opening and closing mechanism. A. B. Steele. 2,136,061; Nov. 8.  
 Door operating and locking mechanism. A. Schneider. 2,113,966; Apr. 12.  
 Door operating and locking mechanism, Car. J. J. McBride. 2,130,772; Sept. 20.  
 Door operating device. C. A. Ellis. 2,138,521; Nov. 29.  
 Door operating device. E. A. Harris. 2,120,495; June 14.  
 Door operating device. G. Herbster. 2,123,349; July 19.  
 Door operating means. J. Nemeec. 2,111,870; Mar. 22.  
 Door operating mechanism, Car. A. Wasberg. 2,114,755; Apr. 19.  
 Door operating mechanism, Coke oven. R. Berg. 2,123,521; July 12.  
 Door operator for wagons, Hydraulic. J. Kuchar. 2,108,864; Feb. 22.



- Door pull and arm rest for automobiles, Flexible. G. J. Basel. 2,111,059; Mar. 15.
- Door pull and hand assist for an automobile, Flexible. G. J. Basel. 2,130,410; Sept. 20.
- Door retainer. R. E. Blue. 2,115,900; May 3.
- Door retainer. G. C. Turner. 2,122,220; June 28.
- Door retainer or holder. W. J. Butts. 2,120,692; June 14.
- Door securing mechanism. W. Young. 2,140,570; Dec. 20.
- Door spring. F. E. Snyder. 2,110,146; Mar. 8.
- Door stay and holder. E. J. Sibley. 2,104,172; Jan. 4.
- Door stop. T. Tringale. 2,119,143; May 31.
- Door stop and check. A. H. Haberstump. 2,104,124; Jan. 4.
- Door structure. L. J. Gorar. 2,128,138; Aug. 23.
- Door structure. C. W. Sherman. 2,124,170; July 19.
- Door structure. A. A. Van Atta. 2,108,697; Feb. 15.
- Door structure, Railway car. E. G. Busse. 2,106,166; Jan. 25.
- Door threshold. C. B. Davis. 2,109,043; Feb. 22.
- Doors and gates, Vehicle actuated means for opening and/or closing. W. Austin. 2,120,084; June 7.
- Doors, Apparatus for opening and closing. H. Woodward. 2,131,415; Sept. 27.
- Doors, Device for opening garage. G. Brase. 2,124,342; July 19.
- Doors, Interlock system for. R. L. Kirk. 2,126,333; Aug. 9.
- Doors, Method of and apparatus for straightening doors. H. Adamson. 2,109,659; Mar. 1.
- Doors of automobiles, Apparatus to open or shut the. J. Nishimura. 2,116,446; May 3.
- Doorway structure for box cars. W. L. Thomas. Re. 2,0697; Apr. 12.
- Doorway structure for box cars. W. L. Thomas. 2,125,209; July 28.
- Double acting engine. E. Gray. 2,124,032; July 19.
- Double belt carrier. J. L. Baldwin. 2,106,514; Jan. 25.
- Double boiler. W. T. Kelley. 2,131,287; Sept. 27.
- Double seated valve. K. Urquhart. 2,114,789; Apr. 19.
- Double-shed loom. H. Köhler and K. Petzoldt. 2,140,134; Dec. 13.
- Doubles throwout for sheet feeding mechanism. A. R. Weibel and W. Jones. 2,109,892; Mar. 1.
- Double-walled box. R. E. Smith. 2,130,602; Sept. 20.
- Douche apparatus. V. W. Morton and M. F. Schweiger. 2,117,622; May 17.
- Douche, Distension. W. E. Morse. 2,106,433; Jan. 25.
- Douche, Nasal. W. H. Rose. 2,135,052; Nov. 1.
- Dough, Apparatus for treating. C. R. Wagener and A. J. Faulhaber. 2,104,282; Jan. 4.
- Dough brake. W. W. Wagner and C. J. Lane. 2,127,076; Aug. 16.
- Dough cutting device. H. D. Valle. 2,119,260; May 31.
- Dough divider. F. Marasso. 2,104,432; Jan. 4.
- Dough divider. J. C. Menapace and G. Kallfelz. 2,104,205; Jan. 4.
- Dough divider and rounder, Combined. F. Marasso. 2,119,017; May 31.
- Dough kneader. C. D. Pierre. 2,112,927; Apr. 5.
- Dough lapping machine. K. D. Loose, C. W. Watkins and J. W. Green. 2,130,097; Sept. 13.
- Dough mixing machine. L. Ferencik. 2,118,500; May 24.
- Dough molder. W. G. Kirchhoff. 2,116,930; May 10.
- Dough molding machine. O. Krenmling. 2,130,887; Sept. 20.
- Dough preparing machine. K. D. Loose, C. W. Watkins, and J. W. Green. 2,123,703; July 12.
- Dough pressing machine. E. G. Young. 2,109,124; Feb. 22.
- Dough proofing machine. S. Schiff. 2,125,654; Aug. 2.
- Dough twisting machine. C. C. Guldbeck. 2,132,158; Oct. 4.
- Doughnut cooking machine. C. E. Carpenter. 2,107,325; Feb. 8.
- Doughnut cutter. J. W. Royal. 2,137,811; Nov. 22.
- Doughs, Preparing yeast raised. A. S. Richardson, II. S. Colth. and V. M. Votaw. 2,132,700; Oct. 11.
- Dovetail. W. C. Devereaux. 2,116,305; May 3.
- Dovetail and lock keeper, Combination. W. C. Devereaux. 2,137,271; Nov. 22.
- Dowel bar and expansion joint strip holder. J. W. Heltzel. 2,130,953; Sept. 20.
- Dowel means for roadway expansion joints. W. F. Schulz. 2,108,393; Feb. 15.
- Dowel pin former. W. Peaslee. 2,142,035; Dec. 27.
- Dowel support for concrete pavement expansion joints. C. A. Lord. 2,133,553; Oct. 18.
- Draft and buffing gear. J. H. Link. 2,111,794; Mar. 22.
- Draft and buffing gear. J. H. Link. 2,124,704; July 26.
- Draft apparatus for fine spinning frames. E. Kato. 2,114,226; Apr. 12.
- Draft appliance. A. Thompson. 2,119,834; June 7.
- Draft control device. R. W. Franks. 2,135,501; Nov. 8.
- Draft control for fuel burners. W. W. Peck. 2,140,701; Dec. 20.
- Draft control for furnaces. M. De Lin. 2,142,272; Mar. 20.
- Draft control for lehrs. J. A. Sweeney and C. C. Rau. 2,115,594; Apr. 26.
- Draft control system. L. L. Gilliland. 2,130,491; Sept. 20.
- Draft controller, Automatic. G. J. Inach and W. B. Stephenson. 2,126,904; Aug. 16.
- Draft coupling. W. E. Claus. 2,114,279; Apr. 19.
- Draft equalizer. R. L. Noble. 2,131,667; Sept. 27.
- Draft equalizer, Forced feed. W. Barends. 2,104,504; Jan. 4.
- Draft gear. A. G. Dean. 2,113,542; Apr. 5.
- Draft gear. D. F. Sproul. 2,121,833; June 28.
- Draft gear, Friction. D. F. Sproul. 2,139,701; Dec. 13.
- Draft gear, Selective travel. D. F. Sproul. 2,121,834; June 28.
- Draft inducer. T. S. Hopkins. 2,111,266; Mar. 15.
- Draft promoter for furnaces. A. A. Rea. 2,107,504; Feb. 8.
- Draft regulator. M. K. Brady. 2,133,803; Oct. 18.
- Draft regulator. T. J. Colihan. 2,127,288; Aug. 16.
- Draft regulator. H. C. Frentzel, Jr. 2,122,641; July 5.
- Draft regulator. H. V. Linhard. 2,117,672; May 17.
- Draft regulator. R. M. Vidale. 2,135,130; Nov. 1.
- Draft regulator and relief door. L. L. Scott. 2,125,466; Aug. 2.
- Draft rigging. D. S. Barrows. 2,109,126; Feb. 22.
- Draft rigging. E. H. Blattner. 2,104,114; Jan. 4.
- Draft rigging. E. H. Blattner. 2,127,951; Aug. 23.
- Draft rigging. E. H. Blattner. 2,137,152; Nov. 15.
- Draft rigging. W. W. Brinkley. 2,118,150; May 24.
- Draft rigging. B. W. Kadel. 2,109,133; Feb. 22.
- Draft sill assembly, Welded. R. M. Shaver. 2,122,159; June 28.
- Draft stabilizer. E. A. Field and E. A. Field, Jr. 2,105,724; Jan. 18.
- Draft stabilizer. E. A. Field and E. A. Field, Jr. 2,122,640; July 5.
- Draft tube throat ring. R. P. Hill. 2,131,105; Sept. 27.
- Draft unit for floor furnaces, Forced. R. E. Newman. 2,113,739; Apr. 12.
- Drafting apparatus. F. D. Haselton. 2,109,065; Feb. 22.
- Drafting apparatus. A. Langsner. 2,136,140; Nov. 8.
- Drafting apparatus. A. Langsner. 2,137,004; Nov. 15.
- Drafting device. W. J. Greenleaf and L. Skeel. 2,116,887; May 10.
- Drafting instrument. R. M. Lindsay. 2,114,081; Apr. 12.
- Drafting mechanism. E. L. Martin and J. F. Jackson. 2,141,219; Dec. 27.
- Drafting or lay-out apparatus. C. A. Spatz. 2,106,070; Jan. 18.
- Draftsman's instrument. J. V. Rich. 2,104,354; Jan. 4.
- Drag scraper. R. G. Le Tourneau. 2,113,660; Apr. 12.
- Drain. S. G. Chantland. 2,112,663; Mar. 29.
- Drain appliance, Supra-pubic. F. Buchstein. 2,133,130; Oct. 11.
- Drain board. T. J. Little, Jr. 2,136,904; Nov. 15.
- Drainboard. J. L. Perkins. 2,116,363; May 3.
- Drain cabinet. D. R. McGlohan. 2,133,770; Oct. 18.
- Drain cleaner. S. O. Blanc. 2,111,527; Mar. 15.
- Drain cock wrench. E. J. Brouhard. 2,138,725; Nov. 29.
- Drain device. E. M. Tucker. 2,131,240; Sept. 27.
- Drain, Floor. W. M. Fraters. 2,127,167; Aug. 16.
- Drain for hosiery form. W. M. Schwartz. 2,136,526; Nov. 15.
- Drain for refrigerator cars, Well trap. E. Zane. 2,110,927; Mar. 15.
- Drain, Hose coupling. S. M. Meyer. Re. 20,842; Aug. 30.
- Drain, Lubricator. J. J. Hennessey. 2,105,649; Jan. 18.
- Drain mechanism, Automatic pump pipe. C. Cravens. 2,126,450; Aug. 9.
- Drain, Refrigerator. C. F. Belshaw. 2,140,308; Dec. 13.
- Drain, Roof. A. J. Perkins. 2,121,220; June 21.
- Drain-strip, Wound. L. Schwarzmayer. 2,134,152; Oct. 25.
- Drain trap. C. V. Dame. 2,113,721; Apr. 12.
- Drain, Tubing. N. H. Armstrong. 2,128,520; Aug. 30.
- Drain valve. H. H. Thomas. 2,136,898; Nov. 15.
- Drain valve. F. L. White. 2,136,163; Nov. 8.
- Drain valve, Automatic. B. S. Ackman. 2,125,144; July 26.
- Drainage apparatus, Automatic. E. E. Hewitt. 2,128,266; Aug. 23.
- Drainage channel cleaner. C. A. Pratt. 2,136,982; Nov. 15.
- Drainage device. F. Schultz. 2,121,413; June 21.
- Drainage intake, Self cleaning. H. Holland. 2,117,887; May 17.
- Drainer, Clothes. G. I. McLaughlin. 2,129,968; Dec. 12.
- Drainage device, Odor trap. E. Klein. 2,136,945; Nov. 15.
- Drapery and shade support, Combined. L. L. Henderson. 2,114,141; Apr. 12.
- Drapery clip. A. J. Schneider. 2,113,953; Apr. 12.
- Drapery hanger. W. Cleveland. 2,132,067; Oct. 1.
- Drapery hanger. J. W. Sauer. 2,130,307; July 26.
- Drapery hanger. F. J. Schwartz. 2,106,138; Jan. 25.
- Drapery mounting. G. Rosenberg. 2,141,116; July 17.
- Drumbar, Adjustable self centering. D. Smith. 2,121,613; July 19.
- Drumbar, Automatically adjustable self centering. D. Smith. 2,110,114; Mar. 1.
- Drumbar structure. C. R. Brown. 2,138,412; Nov. 29.
- Drum press. O. Kuhn. 2,139,774; Sept. 13.
- Drum and locker, Memory. W. C. Miller and A. I. Abbott. 2,105,983; Jan. 18.
- Drum and the like. F. S. Roscoe. 2,129,665; Sept. 13.
- Drum, Brother oven pull-out. J. R. Holey. 2,113,811; Apr. 5.



- Drawer, Cash. C. F. Meilink. 2,118,382; May 24.  
 Drawer clamp. J. M. Lancaster. 2,114,390; Apr. 19.  
 Drawer, Collapsible filing. H. L. Fellowes. 2,136,184; Nov. 8.  
 Drawer, Filing. F. A. Schmitz. 2,124,511; July 19.  
 Drawer, Filing. M. E. Weesles. 2,110,185; Mar. 8.  
 Drawer for gas ranges and the like, Broiler. C. H. and R. F. Hoffstetter. 2,105,418; Jan. 11.  
 Drawer or the like, Filing. W. F. Regehardt. 2,139,283; Dec. 6.  
 Drawer pull. D. A. Morand. 2,129,475; Sept. 6.  
 Drawer pull. D. B. Pope. 2,124,928; July 26.  
 Drawer, Slidable. H. W. Clark. 2,127,158; Aug. 16.  
 Drawing and retention mechanism for preparing and spinning machines. P. Devaux. 2,133,657; Oct. 18.  
 Drawing apparatus. W. J. Evans. 2,141,350; Dec. 27.  
 Drawing board. M. K. von Zimmermann. 2,129,457; Sept. 6.  
 Drawing frame, Double three-roller. H. Stroink. 2,108,930; Feb. 22.  
 Drawing frame, roving frame, and like textile frames. G. S. Fraser. 2,131,172; Sept. 27.  
 Drawing instrument. A. P. Bartusch. 2,106,398; Jan. 25.  
 Drawing instrument. J. T. Jones, Jr. 2,130,135; Sept. 13.  
 Drawing instrument. K. Rabe. Re. 20,834; Aug. 23.  
 Drawing instrument. K. Rabe. 2,112,113; Mar. 22.  
 Drawing mechanism for textile slivers or rovings. J. F. Jackson. 2,132,299; Oct. 4.  
 Drawing press. R. W. Glasner. 2,120,402; June 14.  
 Drawing press, Triple-action. W. Ernst. 2,136,240; Nov. 8.  
 Drawings, Apparatus for use in making. H. J. Tuthill. 2,105,708; Jan. 18.  
 Drawings, Reproducing engraved. H. Wieneke. 2,119,190; May 31.  
 Dredge. H. Doozee, Jr. 2,116,883; May 10.  
 Dredge. G. H. Hutton. 2,117,326; May 17.  
 Dredge, Clamshell. J. C. Williams. 2,129,158; Sept. 6.  
 Dredge or excavator. J. M. Poche. 2,132,184; Oct. 4.  
 Dredge pipe Y valve. J. G. Sjoberg. 2,108,183; Feb. 15.  
 Dredger. R. G. Le Tourneau. 2,109,730; Mar. 1.  
 Dredging, Apparatus for. C. T. Smith. 2,120,444; June 14.  
 Dress-fitting appliance. C. Newman and A. A. Gordon. 2,113,663; Apr. 12.  
 Dress, Reversible. M. H. Porter. 2,117,449; May 17.  
 Dress, Wrap-around. G. D. Durocher. 2,129,830; Sept. 13.  
 Dressing and making the same, Salad. S. Gelfand. 2,111,766; Mar. 22.  
 Dressing apparatus. A. Vuilleumier. 2,113,186; Apr. 5.  
 Dressing, Bituminous road. A. D. Smith. 2,114,689; Apr. 19.  
 Dressing for machinery or like, Belt. H. V. Dyke. 2,119,457; May 31.  
 Dressing, Surgical. W. Eustis. 2,133,609; Oct. 18.  
 Drier: See—  
     Automatic drier. Laundry drier.  
     Barrel drier. Paint drier.  
     Bean and clover seed drier. Roll type drier.  
     Carbonizing drier. Rotary drier.  
     Clothes drier. Sheet drier.  
     Cotton cleaner-drier. Slurry drier.  
     Cotton drier. Steam drier.  
     Hair drier. Tenter drier.  
 Drier. A. S. J. Hopkins. 2,129,214; Sept. 6.  
 Drier. J. Judelson. 2,111,148; Mar. 15.  
 Drier. J. P. Martel. 2,106,915; Feb. 1.  
 Drier. A. O. Samuels. 2,126,581; Aug. 9.  
 Drier. H. L. Schmidt. 2,132,972; Oct. 11.  
 Drier compositions, Stabilization of. P. E. Burchfield. 2,138,087; Nov. 29.  
 Drier for cotton treating machines. J. A. Streun. 2,129,630; Sept. 6.  
 Drier for granular and like materials. E. Falkenstein and E. Barthelmess. 2,106,869; Feb. 1.  
 Drier for hair and skin. J. E. Kelley. 2,127,121; Aug. 16.  
 Drier furnace. H. C. French and H. C. Frenzel, Jr. 2,118,502; May 24.  
 Drier or the like, Rotary drum. B. Sägebarth. 2,114,088; Apr. 12.  
 Driers, Manufacturing. R. Priestner. 2,128,732; Aug. 30.  
 Drift controlling apparatus for glassware annealing lehrs. D. G. Merrill. 2,106,678; Jan. 25.  
 Drift recording apparatus. J. W. Culbertson. 2,109,690; Mar. 1.  
 Drift recording apparatus. J. W. Culbertson. 2,126,740; Aug. 16.  
 Drill: See—  
     Automatic feed drill. Hand rock drill.  
     Chain drill. Mining drill.  
     Core drill. Push drill.  
     Dental or like drill. Rock drill.  
     Earth boring drill. Roller boring drill.  
     Engine operated drill. Rotary core drill.  
     Fertilizer drill. Three-cutter drill.  
     Hand drill.  
 Drill. G. J. Barrett and S. Robichaux. 2,135,024; Nov. 1.  
 Drill. R. Foster. 2,128,240; Aug. 30.  
 Drill. F. Kangas. 2,110,397; Mar. 8.  
 Drill. J. H. Lind. 2,131,056; Sept. 27.  
 Drill. W. L. Pearce. 2,119,349; May 31.  
 Drill. J. E. Torbert, Jr. 2,106,937; Feb. 1.  
 Drill and bit, Mining. W. Cook. 2,109,613; Mar. 1.  
 Drill and the like, Portable electric. C. Desoutter. 2,141,971; Dec. 27.  
 Drill bit. G. G. Harrington. 2,107,665; Feb. 8.  
 Drill bit. M. Hokanson. 2,109,390; Feb. 22.  
 Drill bit. M. Hokanson. 2,121,914; June 28.  
 Drill bit. J. A. Zublin. 2,118,542; May 24.  
 Drill bit, Rotary. R. P. Fisher. 2,133,022; Oct. 11.  
 Drill bit, Rotary oil well. C. R. Foster. 2,130,639; Sept. 20.  
 Drill cleansing device. E. H. Dickenson. 2,124,609; July 26.  
 Drill collar. J. C. Wright. 2,126,075; Aug. 9.  
 Drill construction, Core. A. C. Catland and P. C. Efromson. 2,123,453; July 12.  
 Drill construction, Core. J. C. Smetherman. 2,141,800; Dec. 27.  
 Drill cutter. F. L. Scott. 2,104,822; Jan. 11.  
 Drill cutter. F. L. Scott. 2,122,759; July 5.  
 Drill grinding machine. A. A. Bahuaud. 2,133,414; Oct. 18.  
 Drill grinding tool. W. H. Fischer. 2,119,741; June 7.  
 Drill hole cleaning device. R. L. Crow. 2,108,195; Feb. 15.  
 Drill holes, Treatment of. H. C. Miller. 2,124,495; July 19.  
 Drill hood, Rock. L. C. Smith. 2,129,509; Sept. 6.  
 Drill mechanism. R. K. Jeffrey. Re. 20,783; July 5.  
 Drill mechanism, Rock. W. A. Morrison. 2,124,627; July 26.  
 Drill or hammer, Electrical. J. F. McLeer. 2,122,888; July 5.  
 Drill pipe coupling, Threadless interlocking rotary. A. E. Nielsen. 2,121,710; June 21.  
 Drill pipe slip. W. A. Abegg. 2,119,731; June 7.  
 Drill point locator. C. E. Adams. 2,130,575; Sept. 20.  
 Drill press adjustment. H. E. Tautz. 2,110,537; Mar. 8.  
 Drill press, Safety. J. Kosman and J. Alterman. 2,123,337; July 12.  
 Drill press table operating means. H. E. Tautz. 2,122,966; July 5.  
 Drill puller. L. Sovincz. 2,124,154; July 19.  
 Drill steel retainer. J. C. Curtis and A. Feucht. 2,122,516; July 5.  
 Drill stem coupling. F. L. Scott. 2,122,757; July 5.  
 Drill with blowing device, Rock. E. B. Lear. 2,117,810; May 17.  
 Drilling apparatus. J. F. Chappell. 2,120,240; June 14.  
 Drilling apparatus. J. C. Curtis. 2,122,515; July 5.  
 Drilling apparatus. M. P. Holmes. 2,123,897; July 19.  
 Drilling apparatus. J. C. Owen. 2,109,828; Mar. 1.  
 Drilling apparatus. J. L. Reilly. 2,128,321; Aug. 30.  
 Drilling apparatus. D. Thrift. 2,113,968; Apr. 12.  
 Drilling apparatus, Rotary. J. E. Brantly and J. M. Shimer. 2,133,017; Oct. 11.  
 Drilling control. F. W. Hild. 2,136,356; Nov. 8.  
 Drilling control mechanism. W. Brauer. 2,117,078; May 10.  
 Drilling device directional. C. N. Brummett. 2,119,095; May 31.  
 Drilling fluid characteristics, Determining. W. H. Collins. 2,132,015; Oct. 4.  
 Drilling fluids, Reconditioning. P. H. Jones and E. C. Babson. 2,123,282; July 12.  
 Drilling head. W. R. Guiberson and A. Pranger. 2,126,007; Aug. 9.  
 Drilling machine. E. A. Everett. 2,113,723; Apr. 12.  
 Drilling machine. E. M. Gardner. 2,133,613; Oct. 18.  
 Drilling machine. C. A. Hirschberg. 2,111,213; Mar. 15.  
 Drilling machine. H. Lindner. 2,110,958; Mar. 15.  
 Drilling machine. A. Van Veen. 2,128,518; Aug. 30.  
 Drilling machine and device. M. H. Lewis. 2,108,131; Feb. 15.  
 Drilling mechanism. L. Watson. 2,107,556; Feb. 8.  
 Drilling, punching, and mortising machine. H. J. Kaiser. 2,127,280; Aug. 16.  
 Drilling rig. J. E. Renfer. 2,135,769; Nov. 8.  
 Drilling rig, Portable. J. C. Curtis. 2,104,341; Jan. 4.  
 Drilling rig, Portable. C. A. Hirschberg. 2,104,323; Jan. 4.  
 Drilling spindle drive for vertical drilling machines. G. R. Wölfe. 2,118,387; May 24.  
 Drilling tool. E. F. Terry. 2,137,658; Nov. 22.  
 Drills, Automatic feed for rock. A. H. Katterjohn. 2,123,364; July 12.  
 Drink, Imitation. W. A. Mould. 2,141,760; Dec. 27.  
 Drink mixer. G. L. Briggs. 2,123,496; July 12.  
 Drink mixer. O. A. Carnahan. 2,110,498; Mar. 8.  
 Drink mixer. H. Tofte. 2,106,861; Feb. 1.  
 Drink mixing apparatus. W. S. Fredenhagen and M. S. Schmidt. 2,136,355; Nov. 8.  
 Drinking protector, Sanitary. V. Arato and A. Gallucci. 2,133,318; Oct. 18.  
 Drive assembly. G. R. Blanchard. 2,132,928; Oct. 11.  
 Drive, Auxiliary power. C. S. Hazard. 2,135,576; Nov. 8.  
 Drive, Cloth roll. W. J. Budzyna. 2,127,659; Aug. 23.  
 Drive, Combined boring and milling machine. R. L. Cotta. 2,123,649; July 12.  
 Drive, Constant mesh variable speed gear. C. Schlosser, Jr. 2,128,477; Aug. 30.



- Drive control mechanism, Reverse. G. E. Miller. 2,136,454; Nov. 15.
- Drive control, Overspeed. W. B. Barnes. 2,131,263; Sept. 27.
- Drive, Crane. G. W. Yanney. 2,120,792; June 14.
- Drive employing herringbone gears, Vehicle motor. J. S. McWhirter. 2,125,456; Aug. 2.
- Drive, Engine starter. M. P. Whitney. 2,117,990; May 17.
- Drive establishing mechanism. O. L. Starr. 2,125,593; Aug. 2.
- Drive, Flexible. F. L. Alben. 2,106,823; Feb. 1.
- Drive, Flexible power transmission. J. C. L. Leason. 2,139,963; Dec. 13.
- Drive for automobiles, Front wheel. R. S. Carter. 2,128,119; Aug. 23.
- Drive for box lifting machines. H. E. Twomley. 2,108,732; Feb. 15.
- Drive for centrifugal separators, Double. J. E. Tholl. 2,112,430; Mar. 29.
- Drive for conveyor systems, Equalizing. J. B. Webb. 2,130,433; Sept. 20.
- Drive for drafting machinery, Variable speed. J. R. Clay. 2,109,247; Feb. 22.
- Drive for internal combustion engines, Starter. Y. Sekella. 2,135,653; Nov. 8.
- Drive for journal bearings, Disk. A. Vigne. 2,113,039; Apr. 5.
- Drive for journal bearings, Disk. A. Vigne. 2,125,757; Aug. 2.
- Drive for motor vehicles, Front wheel. E. R. Canfield. 2,133,536; Oct. 18.
- Drive for multicolor presses. C. W. Harrold. 2,115,975; May 3.
- Drive for power shaping machines, Workpiece. A. W. Hawes. 2,125,239; July 26.
- Drive for propellers, One-way. F. W. Caldwell. 2,133,656; Oct. 18.
- Drive for recording and reproducing devices. A. Rysick. 2,130,931; Sept. 20.
- Drive for rotating elements of electro-optical system. C. C. Towne. 2,105,897; Jan. 18.
- Drive for truck trailers, Booster. F. A. Kellar. 2,140,109; Dec. 13.
- Drive for vehicles, Individual axle. G. Meyfarth. 2,108,382; Feb. 15.
- Drive for warp knitting machines, Pattern wheel. E. H. Wirth. 2,130,979; Sept. 20.
- Drive, Four-wheel. B. G. Johnson. 2,136,692; Nov. 15.
- Drive head. J. J. Russell. 2,139,973; Dec. 13.
- Drive, Hydraulic forward and reverse. K. Umlauf. 2,104,213; Jan. 4.
- Drive, Hydraulic power. A. Lyholm. 2,140,324; Dec. 13.
- Drive, Independent dual wheel. J. F. Higbee. 2,126,960; Aug. 16.
- Drive, Mechanical. H. Pfannenstiel. 2,120,939; June 21.
- Drive mechanism. W. T. Capps. 2,115,517; Apr. 26.
- Drive mechanism. D. R. De Tar. 2,108,088; Jan. 18.
- Drive mechanism for crawler tractors, Final. W. O. Bechman. 2,119,770; June 7.
- Drive mechanism for graphic meters, Reroll. D. J. Angus. 2,134,391; Oct. 25.
- Drive mechanism for motion picture projecting machines. E. Boecking. 2,131,469; Sept. 27.
- Drive mechanism for rubber mills or the like. C. F. Schnuck. 2,111,693; Mar. 22.
- Drive mechanism for shaker conveyers. W. W. Sloane. 2,114,153; Apr. 12.
- Drive mechanism for shaker conveyers. W. W. Sloane. 2,123,685; July 12.
- Drive mechanism for tractor mounted planters. W. S. Graham. 2,140,622; Dec. 20.
- Drive mechanism for washing machines. M. M. Jackson. 2,114,982; Apr. 19.
- Drive mechanism, Motor. M. Garbell. 2,109,063; Feb. 22.
- Drive mechanism, Universal. C. E. Swenson. 2,107,721; Feb. 8.
- Drive, Phonograph turntable. S. J. Rodger. 2,110,218; May 31.
- Drive, Refrigeration. M. E. Hanson. 2,104,696; Jan. 4.
- Drive, Sectional. P. Simonds. 2,105,824; Jan. 18.
- Drive, Sectional. P. Simonds. 2,110,428; Mar. 8.
- Drive, Speed reducing. F. C. Noller. 2,108,608; Feb. 15.
- Drive, Spring motor and refrigerator. A. F. Indrieli. 2,105,886; Jan. 18.
- Drive transmission. Change-speed. H. Messenger. 2,120,293; June 14.
- Drive transmission means for motor-road vehicles. H. H. Lee. 2,135,722; Nov. 8.
- Drive transmission, Oscillating. R. R. Miller. 2,124,116; July 19.
- Drive, Variable speed. H. E. Tautz. 2,133,593; Oct. 18.
- Drive, Variable speed. G. W. von Hofe. 2,131,159; Oct. 25.
- Drive, Variable speed motor. P. B. Reeves and H. E. Brooks. 2,140,942; Dec. 20.
- Driver, Diesel pile. P. Pfeiffer. 2,126,409; Aug. 9.
- Drives for rayon centrifuges, Avoiding the overcharging of. E. Knechtel. 2,107,758; Feb. 8.
- Driving and stopping mechanism. J. Gouldhouse and T. A. Kestell. 2,138,403; Nov. 29.
- Driving assembly. A. Kuhns. 2,136,446; Nov. 15.
- Driving assembly, Automotive. H. W. Alden. 2,120,594; June 14.
- Driving device for multirow drill barrows of fertilizer spreading machines with rotary distributing members. H. Sack. 2,119,059; May 31.
- Driving device, Friction. A. L. V. C. Debrie. 2,127,768; Aug. 23.
- Driving device, Manually operable. P. L. Cilley. 2,113,505; Apr. 5.
- Driving device provided with endless track chains for motor vehicles. H. K. Peter. 2,124,708; July 26.
- Driving means for adjustable apparatus. G. B. Engelhardt. 2,127,109; Aug. 16.
- Driving means for centrifugal machines. E. Roberts. 2,128,575; Aug. 30.
- Driving means for spinning machines. E. A. Green. 2,124,415; July 19.
- Driving means for spinning machines. T. Hongo. 2,138,658; Nov. 29.
- Driving mechanism. W. B. Bronander. 2,137,998; Nov. 29.
- Driving mechanism. W. B. Bronander. 2,139,221; Dec. 6.
- Driving mechanism. E. C. Ekstromer. 2,112,835; Apr. 5.
- Driving mechanism. E. C. Ekstromer. 2,123,184; July 12.
- Driving mechanism. W. B. Fageol. 2,118,811-12; May 31.
- Driving mechanism. V. W. Kliesrath. 2,110,021; Mar. 1.
- Driving mechanism. R. M. Nardone. 2,110,469; Mar. 8.
- Driving mechanism. C. R. Waseige. 2,123,219; July 12.
- Driving mechanism for ensilage cutters. R. D. MacDonald. 2,112,918; Apr. 5.
- Driving mechanism for printing apparatus and the like. W. B. Payne. 2,122,536; July 5.
- Drop bottom car. E. W. Duncan. 2,138,695; Nov. 29.
- Drop leaf table, Extensible. B. Czabanski. 2,140,973; Dec. 13.
- Dropper and atomizer, Combined. E. G. Lewis. 2,115,959; May 3.
- Drum construction, Scanning. A. Zillger. 2,112,390; Mar. 29.
- Drum, Cooling. M. M. Guggenheim. 2,104,558; Jan. 4.
- Drum filter. J. N. Neil. 2,124,828; July 26.
- Drum for needle looms, Rope. W. W. Robertson. 2,141,670; Dec. 27.
- Drum, Grain separating. L. Johnson. 2,115,074; Apr. 26.
- Drum head and making the same. L. W. Shastock. 2,110,029; Mar. 1.
- Drum head including ring, Full removable. R. Campbell and J. R. Proctor. 2,125,767; Aug. 2.
- Drum, Liquid cooled friction. E. Roberts. Re. 20,745; May 3.
- Drum, Orchestra or street. S. H. Newberry. 2,115,741; May 3.
- Drum, Rotary. W. Reintrook. 2,130,744; Sept. 20.
- Drum type indicator. L. B. Bacon. 2,129,984; Sept. 13.
- Drum, Wire drawing. G. Woodward. 2,124,967; July 26.
- Drums containing very thick lubricants or other viscous materials, Apparatus for emptying. E. Piquerez. 2,105,160; Jan. 11.
- Dry cleaning machine. E. Davis. 2,114,776; Apr. 19.
- Dry cleaning process. W. H. Alton. 2,139,629; Dec. 6.
- Dry smoke pipe. J. A. Johnson. 2,110,670; Mar. 8.
- Dry vapor generator. A. H. B-Roberts. 2,118,327; May 24.
- Drying. G. E. Bowdoin and W. Strobbridge. 2,142,042; Dec. 27.
- Drying. T. K. Sherwood and L. E. Garono. 2,131,645; Sept. 27.
- Drying and cooling apparatus. E. Altenkirch. 2,138,684; Nov. 29.
- Drying and/or coating apparatus. E. E. Ekert and G. R. Richards. 2,138,297; Nov. 29.
- Drying apparatus. W. A. Darrah. 2,136,166; Nov. 8.
- Drying apparatus. J. Ettl. 2,128,697-8; Aug. 30.
- Drying apparatus. W. Kobusch. 2,138,240; Nov. 29.
- Drying apparatus. W. L. Martin. 2,138,333; Nov. 29.
- Drying apparatus. L. E. Oleott. C. C. Soper. K. W. Gasche, and W. T. Rundis. 2,130,246; Sept. 13.
- Drying apparatus. J. C. Rea. 2,131,117; Oct. 25.
- Drying apparatus. W. Strobbridge. 2,108,081; Feb. 15.
- Drying apparatus. F. J. Svedlund. 2,127,064; July 5.
- Drying apparatus. A. Traube. 2,126,426; Aug. 9.
- Drying apparatus for washing and the like. T. Palmgren. 2,136,093; Nov. 15.
- Drying apparatus for web printing press. W. J. Risley, Jr. 2,131,257; Sept. 27.
- Drying device. L. G. Wade. 2,106,445; Jan. 25.
- Drying device for traveling webs. T. Fickers. 2,124,669; July 26.
- Drying, Electrical. G. T. Hart, Jr. and F. E. Whitley. 2,142,418; Mar. 29.
- Drying equipment. W. T. Anderson and J. M. Henry. 2,107,275; Feb. 8.
- Drying form. S. A. Harris. 2,120,748; June 14.
- Drying mechanism for cane and the like. H. D. Luchamp. 2,132,303; Oct. 4.
- Drying method and apparatus. H. Fagel. 2,118,978; May 24.
- Drying method and apparatus. B. Olen. 2,133,411; July 13.
- Drying method and apparatus. B. Olen. 2,131,495; Dec. 27.



- Drying, Method and apparatus for. R. H. Buckwalter. 2,133,424; Oct. 18.
- Drying, Method and apparatus for. J. G. Dinwiddie. 2,139,445; Dec. 6.
- Drying, Method and apparatus for. F. S. Smith. 2,127,474; Aug. 16.
- Drying plant and device, Pneumatic. J. M. and R. V. Pehrson. 2,115,645; Apr. 26.
- Drying process. H. Hollerer. 2,137,404; Nov. 22.
- Drying process. H. L. Smith, Jr. 2,124,012; July 19.
- Drying unit. P. J. Murray. 2,135,781; Nov. 8.
- Dual display and carrying case. D. V. Gerking and F. E. Kane. 2,111,621; Mar. 22.
- Duck call. E. E. Beach and A. O. Arnold. 2,116,183; May 3.
- Dual-load meter. D. G. Cameron. 2,132,256; Oct. 4.
- Dual-wheel assembly. H. N. Durham and K. E. Canfield. 2,135,568; Nov. 8.
- Duct, Air. C. W. Fawcett. 2,123,410; July 12.
- Duct, Air. W. H. Horster. 2,134,919; Nov. 1.
- Duct for multicellular structures, Cross over. J. H. Young and J. W. Wiesmann. 2,125,366; Aug. 2.
- Dummy, Ventriloquist's. M. McCown. 2,114,851; Apr. 19.
- Dump body. F. Biszantz. 2,139,795; Dec. 13.
- Dump body for auto trucks. V. R. Myers. 2,117,568; May 17.
- Dump body leverage. F. Biszantz. 2,136,231; Nov. 8.
- Dump body leverage. F. Biszantz. 2,139,794; Dec. 13.
- Dump vehicle. J. P. Anderson. 2,117,592; May 17.
- Dump washer. W. P. Beattie and G. W. Johnson. 2,112,514; Mar. 29.
- Dumper, Door. S. C. Groeschel and A. G. Dawson. 2,107,699; Feb. 8.
- Dumping apparatus, Semitrailer. L. J. McMillin. 2,126,796; Aug. 16.
- Dumping vehicle. L. H. Garlinghouse, Jr. 2,121,224; June 21.
- Duplex balance indicator. W. G. Fluharty. 2,125,670; Aug. 2.
- Duplex pumping engine. A. L. Leman. 2,124,788; July 26.
- Duplex separable fastener. L. Roseman. 2,105,333; Jan. 11.
- Duplicating. A. E. Schutte. 2,140,482; Dec. 13.
- Duplicating apparatus. A. Marchev. 2,131,113; Sept. 27.
- Duplicating apparatus. A. Marchev and V. M. Leach. 2,105,195; Jan. 11.
- Duplicating apparatus. W. Ritzerfeld. 2,130,600; Sept. 20.
- Duplicating apparatus. W. Ritzerfeld. 2,141,407; Dec. 27.
- Duplicating apparatus for typewriters, Multiple. J. J. Weber. 2,105,279; Jan. 11.
- Duplicating machine. C. H. Bradt. 2,128,283; Aug. 30.
- Duplicating machine. S. W., P. S., and I. Funk. 2,120,247; June 14.
- Duplicating machine. J. W. Hernlund. 2,117,165; May 10.
- Duplicating machine. W. G. Klemm. 2,112,340; Mar. 29.
- Duplicating machine. A. P. Lee. 2,125,167; July 26.
- Duplicating machine. O. H. Manz. 2,114,850; Apr. 19.
- Duplicating machine. A. Marchev and H. Jagger. 2,130,962; Sept. 20.
- Duplicating machine. R. F. Morrison. 2,133,630; Oct. 18.
- Duplicating machine. O. E. Rosen. 2,138,208; Nov. 29.
- Duplicating mechanism. A. Marchev. 2,131,112; Sept. 27.
- Duplicating routing machine. C. H. Johnson. 2,118,514; May 24.
- Duplicator, Hand. L. Foss. 2,108,115; Feb. 15.
- Duplicators, Moistening means for. A. Marchev. 2,135,824; Nov. 8.
- Dust and dirt collecting and disposal machine for mines. T. A. Philpott. 2,127,985; Aug. 23.
- Dust and fluff from machines or appliances for cutting paper and other fibrous materials, Arresting. T. H. Grozier. Re. 20,687; Apr. 5.
- Dust aspirator. F. Dürr. 2,120,397; June 14.
- Dust catcher. L. C. Whiton, Jr. 2,119,478; May 31.
- Dust collecting apparatus. H. H. Bubar. 2,122,511; July 5.
- Dust-Collecting attachment. R. E. Goodenough. 2,130,232; Sept. 13.
- Dust collecting device for pneumatic cleaners. D. B. Replogle. 2,123,913; July 19.
- Dust collector. W. S. Bowen. 2,115,326; Apr. 26.
- Dust collector. D. C. Turnbull. 2,137,254; Nov. 22.
- Dust confiner and collector for grinding and polishing machines. N. E. Hudson. 2,111,782; Mar. 22.
- Dust deflector. J. Bernfeld. 2,120,347; June 14.
- Dust eliminator. J. C. Curtis. 2,122,517; July 5.
- Dust gun. W. H. Rose. 2,116,715-16; May 10.
- Dust, Method and apparatus for electrical precipitation of. P. W. Gumaer. 2,114,682; Apr. 19.
- Dustpan. L. E. Padelford and A. F. Wilson. 2,122,948; July 5.
- Dust preventative and laying dust. B. F. Hunter. 2,122,524; July 5.
- Dust separator. C. H. W. Cheltnam. 2,111,754; Mar. 22.
- Dust separator. G. W. Lapp and H. Van Rosen. 2,126,481; Aug. 9.
- Dust separator. H. Van Rosen and G. W. Lapp. 2,103,683; Jan. 4.
- Dust spraying device. W. H. Rose. 2,126,924; Aug. 16.
- Dust suction device for cleaning fur clothing, etc. S. Lanyi. 2,104,400; Jan. 4.
- Duster, Mechanical. L. D. Goodhue. 2,114,092; Apr. 12.
- Duster, Plant. E. A. Eriandson. 2,115,199; Apr. 26.
- Duster, Plant. V. H. Jockisch. 2,131,954; Oct. 4.
- Duster, Pump. C. D. Collins. 2,137,526; Nov. 22.
- Duster, Wall. J. Glover. 2,121,911; June 23.
- Duster, Wool. W. W. Windle. 2,122,545; July 5.
- Dusting apparatus. G. H. Schanz. 2,120,003; June 7.
- Dusting apparatus. R. J. Streif and M. S. Robertson. 2,127,275; Aug. 16.
- Dusting machine. W. C. Perron. 2,112,603; Mar. 29.
- Dye. J. W. Hinds. 2,109,372; Feb. 22.
- Dye and color lakes and their production, New azo. A. Siegel. 2,117,859; May 17.
- Dye and other liquids from containers, Device for applying. F. Pidel. 2,119,646; June 7.
- Dye, Azo. H. W. Daudt. 2,117,707; May 17.
- Dye, Brown wool. H. W. Daudt and H. E. Woodward. 2,124,690; July 26.
- Dye finishing process. J. K. Reed. 2,124,590; July 26.
- Dye, Flaked sulphur. G. Barnhart and H. A. Lubbs. 2,125,981; Aug. 9.
- Dye image and producing the same, Mordant. R. von Arx. 2,118,877; May 31.
- Dye reduction product and making the same, Indigoid. A. L. Fox. 2,136,427; Nov. 15.
- Dye stain. J. F. T. Berliner. 2,137,830; Nov. 22.
- Dye stain composition. J. F. T. Berliner. 2,137,871; Nov. 22.
- Dye, Water-insoluble monoazo. M. A. Dahlen and M. E. Friedrich. 2,132,846; Oct. 11.
- Dyeing. H. Blackshaw, R. W. Hardacre and W. A. Sexton. 2,115,136; Apr. 26.
- Dyeing. A. J. Buchanan. 2,130,415-16; Sept. 20.
- Dyeing. L. H. Flett. 2,133,288; Oct. 18.
- Dyeing. F. Heden. 2,127,595; Aug. 23.
- Dyeing. E. A. Markush. 2,113,029; Apr. 5.
- Dyeing and printing compositions. R. E. Etzelmliller. 2,138,572; Nov. 29.
- Dyeing and printing with insoluble azo dyestuffs. A. Wahl and M. Paillard. 2,139,987; Dec. 13.
- Dyeing apparatus. E. J. Abbott. 2,109,893-4; Mar. 1.
- Dyeing apparatus. D. Carter, A. G. Cuthbert-Smith, H. Jackson, L. P. Rendell, and H. A. Thomas. 2,118,807; May 31.
- Dyeing apparatus. E. A. Stienen. 2,118,951; May 31.
- Dyeing machine. N. A. Batchelder. 2,108,190; Feb. 15.
- Dyeing machine and method, Jig. F. C. Wedler. 2,136,571; Nov. 15.
- Dyeing, Mordanting and union. E. S. Chapin. 2,109,261; Feb. 22.
- Dyeing process. A. W. Baldwin, H. Blackshaw, and C. S. Woolvin. 2,116,553; May 10.
- Dyeing process. B. Bienert and K. Holzach. 2,135,633; Nov. 8.
- Dyeing with aniline black, Process and composition for. K. Schmidt. 2,106,382; Jan. 25.
- Dyeings, Improving the fastness of. F. Münz, K. Keller, and O. Tröskén. 2,138,457; Nov. 29.
- Dyeings, Improving the fastness of substantive. F. Münz, K. Keller, and O. Tröskén. 2,138,458; Nov. 29.
- Dyeings, Increasing the fastness of. P. Schlack. 2,131,121; Sept. 27.
- Dyeings, Obtaining colored discharge effects on. R. Haller and C. Graenacher. 2,104,300; Jan. 4.
- Dyeings on cellulose esters. F. W. Muth. 2,138,553; Nov. 29.
- Dyeings on cellulosic fibers. H. Berthold. 2,104,505; Jan. 4.
- Dyeings on cellulosic fibers, After-treatment of. H. Roos. 2,136,757; Nov. 15.
- Dyeings on the fiber, Producing fast. E. Pool, G. Bonhöte, and C. Apotheker. 2,112,864; Apr. 5.
- Dyeings, Production of fast. K. Koerberle, H. Scholz, and J. Eisele. 2,117,614; May 17.
- Dyes and manufacturing the same, Azo. E. Baumann. 2,118,661; May 24.
- Dyes and manufacturing the same, Azo. W. Lange. 2,124,881; July 26.
- Dyes and manufacturing the same, Ortho-hydroxyazo. W. Benade. 2,122,127; June 28.
- Dyes and producing the same, Ortho-hydroxyazo. W. Benade. 2,133,374; Oct. 18.
- Dyes and the preparation thereof, 1'-cyanine. F. M. Hamer and N. I. Fisher. 2,108,484; Feb. 15.
- Dyes and their preparation, Hydroxy secondary disazo. H. W. Daudt and H. E. Woodward. 2,124,688; July 26.
- Dyes, Azo. C. W. Iannum and S. S. Rossander. 2,115,852; May 3.
- Dyes, Azo. H. Jordan and S. S. Rossander. 2,117,425-6; May 17.
- Dyes, Azo. G. Reddelien and G. Matthaeus. 2,117,745; May 17.
- Dyes, Azo. E. Schirm. 2,140,944; Dec. 20.
- Dyes, Beta-naphthol monoazo alkoxy-nitrophenyl. T. L. Cantrell and J. O. Turner. 2,121,017; June 21.
- Dyes, Brown azo. H. W. Daudt and H. E. Woodward. 2,124,689; July 26.
- Dyes derived from beta-naphthol, Azo. T. L. Cantrell and J. O. Turner. 2,121,016; June 21.



- Dyes, Green orthohydroxyazo. M. Raack and W. Keller. 2,140,763; Dec. 20.
- Dyes, Making heptamethine. W. Zeh. 2,131,864; Oct. 4.
- Dyes, Making pentamethine cyanine. W. Zeh. 2,131,865; Oct. 4.
- Dyes, Manufacture and application of azo. K. H. Saunders. 2,115,149; Apr. 26.
- Dyes, Manufacture of carbocyanine. R. Koslowsky. 2,107,379; Feb. 8.
- Dyes, Manufacture of carbocyanine. W. Schneider. 2,106,383; Jan. 25.
- Dyes, Medicinal azo. R. R. Renshaw and E. T. Tisza. 2,135,293; Nov. 1.
- Dyes, Metallized acid polyazo. M. L. Crossley and L. M. Shafer. 2,136,650; Nov. 15.
- Dyes, Metallized orange to brown azo. M. L. Crossley and L. M. Shafer. 2,120,799; June 14.
- Dyes of the polymethine series and preparation of the same. I. M. Hellbron and F. Irving. 2,111,183; Mar. 15.
- Dyes of 3,4,5,6-dibenzocarbazole, Sulphur. W. Hagge and K. Haagen. 2,133,350; Oct. 18.
- Dyes, Orange disazo. M. L. Crossley and L. M. Shafer. 2,127,478; Aug. 16.
- Dyes, Polymethine. W. Dieterle and K. Horst. 2,104,855; Jan. 11.
- Dyes, Polymethine. G. Wilmanns and W. Schneider. 2,138,223; Nov. 29.
- Dyes, Preparation of cyanine and related. F. M. Hamer and N. I. Fisher. 2,141,434; Dec. 27.
- Dyes, Preparing carbocyanine. L. G. S. Brooker and F. L. White. 2,112,140; Mar. 22.
- Dyes, Preparing pseudo cyanine. B. Beilenson. 2,120,322; June 14.
- Dyes, process and product, Direct. S. S. Rossander. 2,137,810; Nov. 22.
- Dyes, Production of lubricating oil. E. W. Carlson. 2,119,097; May 31.
- Dyes, Production of metallo polyazo. W. Lange. 2,127,470; Aug. 16.
- Dyes, Reddish yellow insoluble monoazo. M. A. Dahlen, N. M. Bigelow and F. Zwilmeyer. 2,115,412; Apr. 26.
- Dyestuff and the manufacture thereof, Azo. P. Petitcolas and R. F. M. Sureau. 2,134,642; Oct. 25.
- Dyestuff, Anthraquinone-naphthacridone. W. Moser and W. Fioroni. 2,136,146; Nov. 8.
- Dyestuff, Azo. D. Delfs. 2,140,312; Dec. 13.
- Dyestuff, Azo. D. Delfs and O. Bayer. 2,125,625; Aug. 2.
- Dyestuff intermediates of the anthraquinone series. W. L. Rintelman. 2,130,031; Sept. 13.
- Dyestuff, Manufacture of a new anthraquinone vat. F. Irving and C. Shaw. 2,129,934; Sept. 13.
- Dyestuff of the anthrimidecarbazole series. W. Dettwyler. 2,111,092; Mar. 15.
- Dyestuff of the indigoid type. S. Ellingworth. 2,109,369; Feb. 22.
- Dyestuff, Phthalocyanine. K. Holzach and F. Muehlbauer. 2,124,299; July 19.
- Dyestuff preparations, Azo. A. Schmelzer. 2,125,087; July 26.
- Dyestuff, Vat. G. Rösch, P. Nawiasky, and K. Sattien. 2,132,190; Oct. 4.
- Dyestuffs. H. Johnner and G. Bonhöte. 2,136,136; Nov. 8.
- Dyestuffs, Acid wool. H. Ritter. 2,108,142; Feb. 15.
- Dyestuffs, Acid wool. H. Ritter. 2,120,573; June 14.
- Dyestuffs and fiber dyed therewith, Azo. M. A. Dahlen and F. Zwilmeyer. 2,135,964; Nov. 8.
- Dyestuffs and fiber dyed therewith, Water insoluble ortho-disazo. E. Hoffa and H. Heyna. 2,105,919; Jan. 18.
- Dyestuffs and intermediates of the anthraquinone series. W. H. Lycan. 2,111,074; Mar. 15.
- Dyestuffs and making same, Sulphurous. E. Dür. 2,141,177; Dec. 27.
- Dyestuffs and making the same, Azo. F. Felix and J. Scheidegger. 2,132,560; Oct. 11.
- Dyestuffs and preparing them, Acid. P. Wolff and F. Heim. 2,123,918; July 19.
- Dyestuffs and preparing them, Carbocyanine. P. Wolff and A. Sieglitz. 2,126,852; Aug. 16.
- Dyestuffs and preparing them, Copper containing monoazo. F. L. Rose. 2,128,325; Aug. 30.
- Dyestuffs and preparing them, Fast brown leather. F. Hess, K. Hager, and W. Pense. 2,107,941; Feb. 8.
- Dyestuffs and preparing them, Vat. W. Eckert and B. Fischer. 2,128,514; Aug. 30.
- Dyestuffs and producing same, Azo. H. Krzikalla and W. Limbacher. 2,126,477; Aug. 9.
- Dyestuffs and producing same, Metalliferous azo. F. Moll and F. Lange. 2,111,270; Mar. 15.
- Dyestuffs and producing them, Organic. C. Schoeller, G. Schwen, and G. Kraemer. 2,131,712; Sept. 27.
- Dyestuffs and products resulting from this process, Preparation in an acid medium of chromed. G. Kopp. 2,133,864; Oct. 18.
- Dyestuffs and their manufacture, Anthraquinone. N. H. Haddock and F. Lodge. 2,117,476; May 17.
- Dyestuffs and their manufacture, Anthraquinone. A. Peter. 2,121,928; June 28.
- Dyestuffs and their manufacture, Azo. A. Krebs. 2,128,188; Aug. 23.
- Dyestuffs and their manufacture, Monoazo. B. Senn. 2,111,300; Mar. 15.
- Dyestuffs and their preparation, Disazo. A. Krebs. 2,120,754; June 14.
- Dyestuffs and their preparation, Disazo. A. Krebs. 2,136,138; Nov. 8.
- Dyestuffs and their production, Azo. A. H. Knight. 2,131,894; Oct. 4.
- Dyestuffs and their production, Azo. A. H. Knight. 2,134,521; Oct. 25.
- Dyestuffs and their production, Azo. H. Krzikalla and P. Garbsch. 2,120,560; June 14.
- Dyestuffs and their production, Azo. M. Mendoza and F. L. Rose. 2,112,919-20; Apr. 5.
- Dyestuffs and their production, Azo. A. Thurm. 2,126,841; Aug. 16.
- Dyestuffs and their production, Disazo. G. Kopp. 2,116,355; May 8.
- Dyestuffs and their production, Monoazo. A. H. Knight. 2,117,334; May 17.
- Dyestuffs and their production, Monoazo. A. H. Knight and H. A. Piggott. 2,118,088; May 24.
- Dyestuffs, Azine. F. H. S. Curd. 2,129,678; Sept. 13.
- Dyestuffs, Azo. C. I. Anderson and R. B. Payne. 2,138,991; Dec. 6.
- Dyestuffs, Azo. D. Delfs, H. Kleiner, and T. Kollmann. 2,135,433; Nov. 1.
- Dyestuffs, Azo. F. Felix and J. Scheidegger. 2,132,561; Oct. 11.
- Dyestuffs, Azo. J. H. Helberger and H. Ohlendorf. 2,136,300; Nov. 8.
- Dyestuffs, Azo. K. Holzach and L. Neumann. 2,126,468; Aug. 9.
- Dyestuffs, Azo. H. Krzikalla, B. Eistert, J. Mueller, and A. Thurm. 2,112,403; Mar. 29.
- Dyestuffs, Azo. H. Krzikalla and P. Garbsch. 2,117,733; May 17.
- Dyestuffs, Azo. H. Krzikalla, H. Ufer, B. Eistert, and G. Klapproth. 2,128,255-6; Aug. 30.
- Dyestuffs, Azo. B. Mayer and E. A. Henzl. 2,112,405; Mar. 29.
- Dyestuffs, Azo. H. Morschel and O. Goll. 2,131,728; Nov. 1.
- Dyestuffs, Azo. H. Roos. 2,127,936; Aug. 23.
- Dyestuffs, Azo. H. Roos. 2,129,964; Sept. 13.
- Dyestuffs, Azo. F. L. Rose. 2,120,814; June 14.
- Dyestuffs, Azo. F. Schubert. 2,106,876; Feb. 1.
- Dyestuffs, Azo. F. Schubert. 2,139,472; Dec. 6.
- Dyestuffs, Azo. H. Schweitzer. 2,133,671; Oct. 18.
- Dyestuffs containing a heavy metal in a complex form, Azo. E. Fellmer. 2,111,559; Mar. 22.
- Dyestuffs containing hydroxyl groups and making same, Derivatives of. C. Graenacher, H. Bruengger, and F. Ackermann. 2,120,741; June 14.
- Dyestuffs containing nitrogen and making same, Vat. H. Scheyer and E. Schwamberger. 2,108,144; Feb. 15.
- Dyestuffs, Cupriferous azo. D. Delfs and R. Knoch. 2,127,678; Aug. 23.
- Dyestuffs, Disazo. J. S. Petrus-Blumberger. 2,128,537; Aug. 30.
- Dyestuffs, Indigoid. E. Kambh. 2,108,938; Feb. 22.
- Dyestuffs insoluble in water and fiber dyed therewith, Azo. F. Müller, W. Schumacher and O. Scherer. 2,127,471; Aug. 16.
- Dyestuffs, Manufacture of azo. H. Roos. 2,109,183; Feb. 22.
- Dyestuffs, Manufacture of new azine. F. H. S. Curd. 2,129,677; Sept. 13.
- Dyestuffs, Manufacture of substantive. E. Schirm. 2,104,595; Jan. 4.
- Dyestuffs, Monoazo. R. Fleischhauer. 2,113,151; Apr. 5.
- Dyestuffs, Monoazo. R. Fleischhauer. 2,133,439; Oct. 18.
- Dyestuffs, Monoazo. R. Fleischhauer. 2,134,058; Oct. 25.
- Dyestuffs, Monoazo. H. Morschel and O. Goll. 2,135,469; Nov. 1.
- Dyestuffs of the acylaminoanthraquinone series containing a thiazolic radical and making same, Vat. W. Zerweck and W. Kunze. 2,104,891; Jan. 11.
- Dyestuffs of the alizarine indigo type. R. N. Lelch and C. F. Belcher. 2,113,236; Apr. 5.
- Dyestuffs of the anthracene series. F. Lodge and C. H. Lumsden. 2,129,014; Sept. 6.
- Dyestuffs of the anthracene series and preparing them, W. Eckert and O. Brunsdorf. 2,138,759; Nov. 29.
- Dyestuffs of the anthraquinone azine series, Vat. K. Koebler and J. Mueller. 2,115,446; Apr. 26.
- Dyestuffs of the anthraquinone series, Acid wool. R. Hilpert. 2,107,000; Feb. 1.
- Dyestuffs of the anthraquinone series. J. Bonnet. 2,113,231; Apr. 5.
- Dyestuffs of the anthraquinone series. W. Dettwyler. 2,133,274; Oct. 18.
- Dyestuffs of the anthraquinone series and preparing them, Oxazole. G. Kraegen, H. Schlichtmann, and L. W. Berlin. 2,123,831; July 12.
- Dyestuffs of the anthraquinone series and their manufacture, A. Peter. 2,117,969; May 17.
- Dyestuffs of the anthraquinone series capable of being chromed, Acid. G. Kraegen, F. Dorschner, F. Fischer, F. Honold, F. Farnert, and H. S. 2,122,798; July 5.
- Dyestuffs of the anthraquinone series, Vat. F. Brunsdorf. 2,123,601; July 5.
- Dyestuffs of the anthraquinone series, Vat. D. P. Graham. 2,141,848; Dec. 17.



- Dyestuffs of the anthraquinone series, Vat. H. Neresheimer and W. Ruppel. 2,131,480; Sept. 27.
- Dyestuffs of the anthraquinone series, Vat. B. Steln. 2,111,011; Mar. 15.
- Dyestuffs of the anthraquinonenaphthacridone series and making same. W. Moser and W. Fioroni. 2,132,829; Oct. 11.
- Dyestuffs of the anthrimide carbazole series. R. N. Lulek and C. F. Belcher. 2,124,165; July 19.
- Dyestuffs of the anthrimide series. E. E. Beard. 2,133,072; Oct. 11.
- Dyestuffs of the benzanthranylaminanthraquinone series, Vat. E. Honold. 2,131,176; Sept. 27.
- Dyestuffs of the dibenzanthrone series. A. J. Wuertz and R. N. Lulek. 2,107,656; Feb. 8.
- Dyestuffs of the dibenzanthrone series, Preparation of. E. T. Howell. 2,140,455; Dec. 13.
- Dyestuffs of the dioxazine series and preparing them. G. Kränzelin, H. Greune, and G. Langbein. 2,130,016; Sept. 13.
- Dyestuffs of the oxazine series and preparing them. G. Kränzelin, H. Greune and M. Thiele. 2,115,311; Apr. 26.
- Dyestuffs of the pyrazine series, Vat. H. Neresheimer, W. Ruppel, and W. Eichholz. 2,123,251; July 12.
- Dyestuffs of the pyrazinanthraquinone series, Vat. H. Neresheimer and W. Ruppel. 2,105,840; Jan. 18.
- Dyestuffs, O-hydroxyazo. P. Zervas and P. von Lendenfeld. 2,120,432; June 14.
- Dyestuffs of the safranin series. E. Huber and W. Vogt. 2,136,507; Nov. 15.
- Dyestuffs of the triarylmethane series and preparing them, Chromable. W. Eckert and K. Schilling. 2,133,780; Oct. 18.
- Dyestuffs of the triazoloanthraquinone series, Vat. F. Ebel. 2,141,707; Dec. 27.
- Dyestuffs on the fiber, Preparing azo. W. Tischbein. 2,124,899; July 26.
- Dyestuffs, Polyazo. H. Krzikalla and B. Elstert. 2,116,206; May 3.
- Dyestuffs, Polyazo. H. Schindhelm and C. T. Schultis. 2,128,153; Aug. 23.
- Dyestuffs, Preparation of naphthophenazine. D. X. Klein and H. R. Lee. 2,126,475; Aug. 9.
- Dyestuffs, Production of azo. K. Holzach, C. Winter and B. v. Bock. 2,109,024; Feb. 22.
- Dyestuffs, Pyrazolone azo. G. H. Ellis. 2,134,035; Oct. 25.
- Dyestuffs, Sulpho-acetonitrile. F. Felix and W. Huber. 2,120,401; June 14.
- Dyestuffs, Treatment of direct. V. Kartaschoff and F. Aeschlimann. 2,132,074; Oct. 4.
- Dyestuffs, Vat. E. Honold. 2,140,873; Dec. 20.
- Dyestuffs, Water-insoluble azo. H. Kleiner, O. Bayer, and W. Kunze. 2,135,008; Nov. 1.
- Dyestuffs, Water-insoluble azo. H. Morschel, E. Rimele, and P. Gund. 2,127,697; Aug. 23.
- Dyestuffs, Water-insoluble azo. P. Petitcolas. 2,141,667; Dec. 27.
- Dyestuffs, Water insoluble azo. W. Zerweck and K. Schütz. 2,131,866; Oct. 4.
- Dynamo-electric machine. J. W. Allen. 2,142,067; Dec. 27.
- Dynamo-electric machine. J. H. Blankenbuehler. 2,125,062; July 26.
- Dynamo-electric machine. K. Bobek. 2,121,623; June 21.
- Dynamo-electric machine. A. Grabner. 2,128,044; Aug. 23.
- Dynamo-electric machine. J. S. and G. W. Hoddy. 2,136,301; Nov. 8.
- Dynamo-electric machine. H. A. Howell. 2,131,436; Sept. 27.
- Dynamo electric machine. F. J. Lyden. 2,105,772; Jan. 18.
- Dynamo-electric machine. E. P. Oswald. 2,125,309; Aug. 2.
- Dynamo-electric machine. M. A. Savage. 2,132,274; Oct. 4.
- Dynamo-electric machine. A. G. Williamson. 2,110,719; Mar. 8.
- Dynamo-electric machine. A. P. Wood. 2,112,747; Mar. 29.
- Dynamo-electric machine, Direct current. G. M. Pestarini. 2,138,666; Nov. 29.
- Dynamo-electric machine, Direct current commutating type. J. Pestarini. 2,138,667; Nov. 29.
- Dynamo-electric machine, Hydrogen-cooled. M. D. Ross. 2,137,064; Nov. 15.
- Dynamo electric machines, Making. H. Maxwell. 2,138,661; Nov. 29.
- Dynamo-electric machines, Winding. F. A. Compton, Jr. 2,115,570; Apr. 26.
- Dynamometer. C. E. Johnson. 2,137,530; Nov. 22.
- Dynamometer. C. E. Olson. 2,111,801; Mar. 22.
- Dynamometer, Fleet testing. V. B. Edwards. 2,108,433; Feb. 15.
- Dynamometer, Heavy-duty. C. C. Bennett. 2,130,833; Sept. 20.
- Dynamometer or/and testing apparatus for motor vehicles. O. F. Presbrey. 2,130,900; Sept. 20.
- Dynamo plant, Prime mover. J. V. Gil. 2,132,768; Oct. 11.
- Dynamo plant, Prime mover. E. R. Witzel and R. L. Humbert. 2,132,815; Oct. 12.
- Earpiece, Telephone. E. Hausdorf. 2,134,084; Oct. 25.
- Ear protector. A. Jonas. 2,111,147; Mar. 15.
- Ear protector. N. C. Smith. 2,118,273; May 24.
- Ear retarder for corn huskers. M. W. Roscoe. 2,129,744; Sept. 13.
- Earscrew. M. K. Kuhlmann. 2,132,856; Oct. 11.
- Earth and air-electrical conditions, Process and apparatus for the indirect determination of. L. Machts and B. Rehder. 2,124,825; July 26.
- Earth boring bit. C. E. Reed. 2,126,035; Aug. 9.
- Earth boring drill. C. E. Reed. 2,117,679; Aug. 17.
- Earth boring drill. C. E. Reed. 2,126,036; Aug. 9.
- Earth boring drill. C. E. Reed. 2,126,039; Aug. 9.
- Earth boring machine. E. Darnell, H. L. Enoch, J. N. Grubb, and A. E. Freeman. 2,105,587; Jan. 18.
- Earth components from wells, Recovering. M. H. Kotzbeue. 2,104,327-8; Jan. 4.
- Earth cutting, digging, and moving machine. E. A. Foster. 2,131,373; Sept. 27.
- Earth electrode meter. S. W. Borden. 2,122,549; July 5.
- Earth filler, Alkaline. O. Kress and C. E. Johnson. 2,123,173; July 12.
- Earth material, Apparatus for and method of boring into and treating. L. Ranney. 2,126,576; Aug. 9.
- Earth moving device. E. W. Austin. 2,121,240; June 21.
- Earth moving device. E. W. Austin. 2,137,829; Nov. 22.
- Earth moving device. R. E. Choate, W. E. Rodler, and W. I. Leech. 2,108,304; Feb. 15.
- Earth moving device. J. F. Knapp. 2,107,118; Feb. 1.
- Earth moving device. J. F. Knapp. 2,136,551; Nov. 15.
- Earth moving device. R. B. Price. 2,107,119; Feb. 1.
- Earth moving device. W. H. Yount. 2,107,120; Feb. 1.
- Earth product and making the same, Diatomaceous. R. Calvert, K. L. Dern, and G. A. Alles. Re. 20,844; Sept. 6.
- Earth retainer. O. B. Lane. 2,138,037; Nov. 29.
- Earth working implement. C. Le Bleu. 2,120,839; June 14.
- Earthworking implement. C. Le Bleu. 2,124,466; July 19.
- Earthworking implement. C. Le Bleu. 2,138,304; Nov. 29.
- Earth working tool. N. E. Jersey. 2,113,917; Apr. 12.
- Earthworking tool. H. Stemman. 2,117,461; May 17.
- Earthing arrangement for electric apparatus. H. Leyburn and C. H. W. Lackey. 2,131,517; Sept. 27.
- Earth's substrata, Method of and apparatus for determining the dip of the. J. Neufeld. 2,133,786; Oct. 18.
- Easel. J. Tepper. 2,127,494; Aug. 23.
- Easel box. E. J. Bonville. 2,112,135; Mar. 22.
- Easel, Display. R. S. Ghiselin. 2,114,528; Apr. 19.
- Easel display support. A. E. Pradt. 2,115,448; Apr. 26.
- Easel, Shoe display. M. D. Pollinger. 2,107,306; Feb. 8.
- Easel, Sign. B. A. Slangenhuys. 2,137,594; Nov. 22.
- Eaves trough hanger. F. R. Payne. 2,137,781; Nov. 22.
- Eaves trough hanger, Under-hung. C. C. Strayer. 2,131,985; Oct. 4.
- Edge buffing wheel. L. G. Sommers. 2,134,676; Oct. 25.
- Edge-notching mechanism for blank-making machines. C. D. Knowlton. 2,115,723; May 3.
- Edge rounding machine. T. S. Riley. 2,114,318; Apr. 19.
- Edge strip anchorage means for mats. S. M. Johnson. 2,111,533; Mar. 15.
- Edging, Buttonhole. J. W. Sweeney. 2,114,271; Apr. 12.
- Edging machine. H. Boothroyd. 2,111,610; Mar. 22.
- Edging, Shelf. E. Karfiol. 2,107,669; Feb. 8.
- Edging, Shelf. E. Karfiol. 2,116,315; May 3.
- Edging, Shelf. E. Karfiol. 2,141,606; Dec. 27.
- Edible container. A. D. Nieding. 2,120,710; June 14.
- Edible material in ribbon form. P. A. Hilliard. 2,132,690; Oct. 11.
- Edible substances, Producing. T. M. Godfrey and W. J. Paterson. 2,123,332; July 12.
- Educational apparatus. P. E. Dougherty. 2,104,718; Jan. 4.
- Educational apparatus. R. G. Foster. 2,141,526; Dec. 27.
- Educational apparatus. S. Stern. 2,140,563; Dec. 20.
- Educational appliance. P. S. Gross. 2,141,747; Dec. 27.
- Educational device. N. S. Booth. 2,109,965; Mar. 1.
- Educational device. A. C. Ellis. 2,137,447; Nov. 22.
- Educational device. L. D. Hafner. 2,108,855; Feb. 22.
- Educational device. L. A. Hathaway and H. H. Fay. 2,105,592; Jan. 18.
- Educational device. C. B. Maurer and W. T. Bamford. 2,114,931; Apr. 19.
- Educational device. J. R. Schwendeman. 2,139,860; Dec. 13.
- Educational device. J. Y. and C. C. Taylor. 2,116,163-4; May 3.
- Educational device. G. W. Watkins. 2,137,736; Nov. 22.
- Egg and making same, Liquid. H. Heuser. 2,137,758; Nov. 22.
- Egg candling apparatus. W. A. Caswell. 2,117,146; May 10.
- Egg carrying device. B. Neupert. 2,141,112; Dec. 20.
- Egg container. S. Bergstein. 2,125,042; July 26.
- Egg container. P. J. Fahrne. 2,138,418; Nov. 29.
- Egg feeding and tilting device, Multiple. W. C. Wyland. 2,135,778; Nov. 8.



- Egg grading machine. L. M. Butterfield. 2,139,574; Dec. 6.
- Egg grading machine by weight. W. C. Wyland. 2,112,259; Mar. 29.
- Egg handling device. H. E. Hines and C. T. Stolpestad. 2,130,623; Sept. 20.
- Egg material, Treatment of. M. C. Reynolds. 2,139,696; Dec. 13.
- Egg product and making, Frozen. H. Teichner. 2,114,195; Apr. 12.
- Egg product and preparing the same. S. Tranin. 2,139,705; Dec. 13.
- Egg product and producing same. R. D. Gerwe. 2,138,737; Nov. 29.
- Egg product and producing the same, Dried. S. Tranin. 2,127,945; Aug. 23.
- Egg production of hens, Checking and recording. O. E. Kellum. 2,108,287; Feb. 15.
- Egg separator. W. J. Minkiewicz. 2,130,964; Sept. 20.
- Egg treating method. M. C. Reynolds. 2,110,384; Mar. 8.
- Egg whites, Treating liquid. S. Tranin. 2,119,657; June 7.
- Egg yolk and white separator. S. Meckler. 2,117,899; May 17.
- Eggs, Apparatus for cleaning. E. C. Whipple. 2,123,759; July 12.
- Eggs, Filtering. F. B. Lomax. 2,107,040; Feb. 1.
- Eggs, Filtering. F. B. Lomax. 2,115,728-9; May 3.
- Eggs for incubation, Method and apparatus for determining fertility of. D. F. King. 2,118,794; May 24.
- Eggs, Treating. W. L. Lomax. 2,115,730; May 3.
- Ejecting device for freezing trays. H. D. Geyer. 2,138,697; Nov. 29.
- Ejector. R. L. Spurlin. 2,106,361; Jan. 25.
- Ejector fuse plug. M. Stewart. 2,129,309; Sept. 6.
- Elastic attaching device, Fabric covered. H. Skora. 2,137,814; Nov. 22.
- Elastic coupling. P. Draminsky. 2,116,192; May 3.
- Elastic coupling. F. Schmidt. 2,127,942; Aug. 23.
- Elastic fabric. N. A. Crimmins. 2,120,665; June 14.
- Elastic fabric. R. M. Foster. 2,115,627; Apr. 26.
- Elastic fabric. R. Hesse. 2,124,574; July 26.
- Elastic fabric. H. K. Lea. 2,135,901; Nov. 8.
- Elastic fabric. J. V. Moore. 2,117,975; May 17.
- Elastic fabric. H. A. and M. E. Smith. 2,128,764; Aug. 30.
- Elastic knit fabric. W. J. Horn. 2,111,472; Mar. 15.
- Elastic, porous, and compressible product, Manufacturing an. M. Leatherman. 2,140,265; Dec. 13.
- Elastic strand in the edge of a mesh fabric, Means for laying-in. J. Steinberg. 2,107,512; Feb. 8.
- Elbow pad. V. W. Rhorer. 2,140,598; Dec. 20.
- Elbows, Apparatus for forming sheet metal. C. J. Holub. 2,104,993; Jan. 11.
- Electric alarm switch. F. G. Gibson. 2,105,113; Jan. 11.
- Electric and magnetic deflecting system for cathode ray tubes, Combined. E. Ruska and E. Schwartz. 2,119,795; June 7.
- Electric and pneumatic brake, Combined. J. C. McCune. 2,118,412; May 24.
- Electric appliance construction. W. H. Fischer. 2,111,849; Mar. 22.
- Electric appliance, Multi-heat. H. A. Smith. 2,136,764; Nov. 15.
- Electric arc lamp. C. T. Crocker. 2,125,769; Aug. 2.
- Electric arc lamp, Enclosed. E. Lemmers. 2,130,304; Sept. 13.
- Electric arrangement for controlling electric lamps of a lamp screen. K. Rosenberg. 2,119,870; June 7.
- Electric battery lamp. C. T. Yu. 2,107,599; Feb. 8.
- Electric blasting initiator. C. A. Woodbury. 2,118,533; May 24.
- Electric cable. F. L. Aime. 2,134,771; Nov. 1.
- Electric cable. G. Carlson and H. G. Knoderer. 2,141,200; Dec. 27.
- Electric cable. O. Cords. 2,118,005; May 17.
- Electric cable. L. Emanuelli. 2,132,259; Oct. 4.
- Electric cable. W. C. Hayman. 2,141,910; Dec. 27.
- Electric cable. H. G. Knoderer. 2,133,863; Oct. 18.
- Electric cable. W. F. Lamela. 2,127,122; Aug. 16.
- Electric cable. E. H. Lewis and C. O. Hull. 2,119,394; May 31.
- Electric cable. E. A. Mitchell. 2,135,985; Nov. 8.
- Electric cable. J. K. Ostrander. 2,106,060; Jan. 18.
- Electric cable. E. M. Potter. 2,140,270; Dec. 13.
- Electric cable. H. Rost. 2,116,643; May 10.
- Electric cable. H. Rost. 2,123,209; July 12.
- Electric cable. C. H. Seaberg. 2,111,409; Mar. 15.
- Electric cable. H. A. Staples. 2,105,168; Jan. 11.
- Electric cable. R. C. Waldron. 2,118,629-30; May 24.
- Electric cable. K. Wanske. 2,126,069; Aug. 9.
- Electric cable connector. C. G. Bondeson. 2,122,792; July 5.
- Electric cable, Fluid impregnated. F. L. Aime. 2,118,584; May 24.
- Electric cable, High frequency. E. W. Smith, J. N. Dean, and F. Mattingley. 2,137,926; Nov. 22.
- Electric cable, High tension. L. Emanuelli. 2,133,382; Oct. 18.
- Electric cable, Insulated. E. W. Trolander and W. C. Wilson. 2,129,157; Sept. 6.
- Electric circuit. R. C. Bach. 2,120,855; June 14.
- Electric circuit. C. G. Suits. 2,141,943; Dec. 27.
- Electric circuit breaker. H. Thommen. 2,125,525; Aug. 2.
- Electric circuit protector. D. S. Rivers. 2,125,126; July 26.
- Electric communication network. H. R. Allensworth. 2,134,691; Nov. 1.
- Electric condenser. A. Ebinger. 2,139,447; Dec. 6.
- Electric condenser. L. Linder. 2,139,453; Dec. 6.
- Electric condenser. M. Osnos. 2,115,916; May 3.
- Electric condenser. M. Osnos. 2,137,411; Nov. 22.
- Electric condenser construction. E. G. Olying. 2,119,113; May 31.
- Electric conductivity of tin bronzes, Increasing the. O. Dahl and C. Haase. 2,128,122; Aug. 23.
- Electric connector. M. Alden. 2,125,708; Aug. 2.
- Electric connector. A. A. Boon, H. Barkowitz, and G. M. Uitermark. 2,135,163; Nov. 1.
- Electric connector. E. A. Larsson. 2,117,029; May 10.
- Electric connector. J. Sacco. 2,127,473; Aug. 16.
- Electric connector. A. W. Scepaniak. 2,125,053; July 26.
- Electric connector. D. Woodhead. 2,119,452; May 31.
- Electric connector plug. H. D. Geyer. 2,132,870; Oct. 11.
- Electric connector plug. A. E. Grant. 2,122,058; June 28.
- Electric control and indicating circuits. B. D. Bedford. 2,130,411-12; Sept. 20.
- Electric control and indicating system. C. H. Willis. 2,130,443; Sept. 20.
- Electric control circuit. G. W. Garman. 2,118,644; May 24.
- Electric control contactor, Safety. T. W. Barlow. 2,133,160; Oct. 11.
- Electric control device for block printing machines. O. Brophy. 2,104,894; Jan. 11.
- Electric control for power presses and the like. L. H. Colbert. 2,133,161; Oct. 11.
- Electric control for workpiece shaping tools. W. Fouquet. 2,114,835; Apr. 19.
- Electric control system. J. W. Dawson. 2,106,831; Feb. 1.
- Electric control system. W. F. Eames. 2,112,079; Mar. 22.
- Electric control system. A. S. Fitz Gerald. 2,129,920; Sept. 13.
- Electric control system. D. Journeaux. 2,139,637; Dec. 6.
- Electric control system. L. W. Morton and R. G. Lorraine. 2,128,162; Aug. 23.
- Electric control system. A. Schmidt, Jr. 2,112,051; Mar. 22.
- Electric control system, Distant. E. Granat. 2,138,421; Nov. 29.
- Electric controller. J. F. Tritle and J. W. McNairy. 2,114,196; Apr. 12.
- Electric controller construction. C. A. Rasmussen. 2,107,045; Feb. 1.
- Electric controlling apparatus. F. G. Logan. 2,118,440; May 24.
- Electric controlling apparatus. F. G. Logan. 2,126,790; Aug. 16.
- Electric conversion system. H. A. Rose. 2,128,055; Aug. 23.
- Electric coupling system. C. E. Trube. 2,111,483; Mar. 15.
- Electric current conversion system. M. Bosch. 2,106,826; Feb. 1.
- Electric current rare gas lamp, Direct. A. Lederer. 2,108,537; Feb. 15.
- Electric cut-out. E. A. Harty. 2,118,645; May 24.
- Electric dehydration of emulsions, Method and apparatus for. C. H. M. Roberts. 2,105,814; Jan. 18.
- Electric device. E. C. Smally. 2,116,163; May 3.
- Electric device. C. G. Smith. 2,137,198; Nov. 15.
- Electric device, Manufacturing an. L. R. Peters. 2,107,903; Feb. 8.
- Electric discharge apparatus. W. Dillenbach. 2,135,883; Nov. 8.
- Electric discharge apparatus. E. F. Lowry. 2,128,051; Aug. 23.
- Electric discharge apparatus. I. E. Monrommell and H. V. Noble. 2,138,935; Dec. 6.
- Electric discharge device. W. E. Bahlis. 2,138,670; Aug. 23.
- Electric discharge device. C. Depew and V. L. Ronet. 2,133,434; Oct. 18.
- Electric discharge device. D. Gabor. 2,136,692; Nov. 8.
- Electric discharge device. J. H. Hutchings. 2,137,841; Nov. 22.
- Electric discharge device. G. E. Inman. 2,104,652; Jan. 4.
- Electric discharge device. A. Lederer. 2,106,754; Feb. 1.
- Electric discharge device. E. Lemmers. 2,131,627; June 21.
- Electric discharge device. E. F. Lowry and H. P. Leonard. 2,121,760; June 24.
- Electric discharge device. E. A. Mason, Jr. 2,131,039; Nov. 1.
- Electric discharge device. C. Miyachi. 2,141,227; Dec. 27.
- Electric discharge device. D. G. Prinz. 2,147,993; May 17.
- Electric discharge device. R. M. Semers. 2,112,718-19; Mar. 20.



- Electric discharge device. K. Wiegand. 2,116,720; May 10.
- Electric discharge device and operating same, Gaseous. T. E. Foulke. 2,116,970; May 10.
- Electric discharge device and operating the same, Gaseous. T. E. Foulke. 2,116,677; May 10.
- Electric discharge device, Gaseous. H. Alterthum and M. Pirani. 2,135,691; Nov. 8.
- Electric discharge device, Gaseous. W. Elenbaas and G. B. Jonas. 2,116,742; May 10.
- Electric discharge device, Gaseous. H. Ewest and G. Gaidies. 2,116,672; May 10.
- Electric discharge device, Gaseous. O. Fritze. 2,135,706; Nov. 8.
- Electric discharge device, Gaseous. G. Gaidies. 2,135,707; Nov. 8.
- Electric discharge device, Gaseous. W. Hagen and W. Thourret. 2,135,661; Nov. 8.
- Electric discharge device, Gaseous. M. Pirani and A. Fehse. 2,116,710; May 10.
- Electric discharge device, Gaseous. R. Rompe and W. Thourret. 2,135,734; Nov. 8.
- Electric discharge device, Gaseous. W. R. Walker. 2,135,776; Nov. 8.
- Electric discharge device, Vapor. L. Tonks. 2,128,861-2; Aug. 30.
- Electric discharge lamp. J. L. Cox. 2,142,047; Dec. 27.
- Electric discharge lamp. H. Pressler and H. Richter. 2,138,197; Nov. 29.
- Electric discharge lamp, Gaseous. J. L. Cox. 2,105,138; Jan. 11.
- Electric discharge system, Gaseous. H. Wojtkowiak. 2,118,000; May 17.
- Electric discharge tube. A. Bouwers. 2,139,487; Dec. 6.
- Electric discharge tube. R. A. Braden. 2,108,880; Feb. 22.
- Electric discharge tube. J. L. H. Jonker. 2,141,303; Dec. 27.
- Electric discharge tube. H. M. Muncheryan. 2,118,981; May 31.
- Electric filter. H. W. Augustadt. 2,106,785; Feb. 1.
- Electric fixture. F. J. Hines. 2,134,402; Oct. 25.
- Electric fuel pump. C. J. Lauer and R. L. Bowers. 2,139,370; Dec. 6.
- Electric fuel pump. C. W. McKinley and C. J. Lauer. 2,139,373; Dec. 6.
- Electric furnace. C. R. Arnold. 2,122,241; June 28.
- Electric furnace. P. B. Crocker. 2,126,454; Aug. 9.
- Electric furnace. W. E. Moore. 2,114,230-1; Apr. 12.
- Electric furnace. R. R. Ridgway. 2,125,588; Aug. 2.
- Electric furnace. R. R. Ridgway and B. L. Bailey. 2,121,744; June 21.
- Electric furnace. G. E. Seil. 2,106,022; Jan. 18.
- Electric furnace. G. E. Seil. 2,117,913; May 17.
- Electric furnace. C. M. Weinheimer. 2,121,109; June 21.
- Electric generator. C. A. Faubion. 2,137,738; Nov. 22.
- Electric generator. G. W. Rawlings. 2,104,707; Jan. 4.
- Electric head lamp. A. Leopold and A. Boehm. 2,117,967; May 17.
- Electric heater. C. C. Abbott. 2,112,729; Mar. 29.
- Electric heater. C. C. Abbott. 2,133,838; Oct. 18.
- Electric heater. G. Decker. 2,133,163; Oct. 11.
- Electric heater. A. O. Hay. 2,119,161; May 31.
- Electric heater. E. W. Phillips. 2,126,918; Aug. 16.
- Electric heater. H. A. Soverhill. 2,109,279; Feb. 22.
- Electric heater. C. Sykes and W. Needham. 2,108,623; Feb. 15.
- Electric ignition generator. L. P. Kongsted. 2,118,313; May 24.
- Electric impulses, System of optically reproducing. R. D. Eaton. 2,128,631; Aug. 30.
- Electric incandescent lamp. H. Asmussen and H. N. von Funcke. 2,142,072; Dec. 27.
- Electric incandescent lamp. E. B. Pinkle. 2,134,574; Oct. 25.
- Electric induction furnace. W. Rohm. 2,133,634; Oct. 18.
- Electric induction furnace. N. R. Stansel. 2,139,528; Dec. 6.
- Electric initiator. L. A. Burrows and G. A. Noddin. 2,123,691; July 12.
- Electric initiator. G. A. Noddin. 2,112,974; Apr. 5.
- Electric lamp. J. Bergmanns. 2,106,079; Jan. 18.
- Electric lamp. C. J. Briefer. 2,115,839; May 3.
- Electric lamp. G. V. Downer. 2,116,722; May 10.
- Electric lamp. G. E. Inman. 2,116,681; May 10.
- Electric lamp. G. E. Inman. 2,135,714-5; Nov. 8.
- Electric lamp. E. E. W. Kassner. 2,104,697; Jan. 4.
- Electric lamp. H. Krefft, W. Wilde, and K. Larche. 2,135,719; Nov. 8.
- Electric lamp. C. J. Le Bel. 2,118,452; May 24.
- Electric lamp. C. J. Le Bel. 2,126,787; Aug. 16.
- Electric lamp. W. H. Le Maréchal and J. N. Aldington. 2,112,993; Apr. 5.
- Electric lamp. W. W. Lillard. 2,133,299; Oct. 18.
- Electric lamp. H. E. Metcalf. 2,105,430; Jan. 11.
- Electric lamp. S. Ruben. 2,127,756; Aug. 23.
- Electric lamp. H. D. Wilson and W. N. Heath. 2,133,940; Oct. 18.
- Electric lamp. V. I. Zelov. 2,114,826; Apr. 19.
- Electric lamp, Incandescent. A. N. Claude. 2,115,480; Apr. 26.
- Electric lamp, Incandescent. A. Van Dyck. 2,126,155; Aug. 9.
- Electric lamp, Theftproof. D. Shearer. 2,115,500; Apr. 26.
- Electric lock. W. Wagner. 2,105,304; Jan. 11.
- Electric machine, Dynamo. R. H. Nisbet. 2,107,872; Feb. 8.
- Electric meter. A. L. Emens. 2,127,505; Aug. 23.
- Electric meter. S. S. Green. 2,110,417-8; Mar. 8.
- Electric meter mounting. H. A. Bakke. 2,105,396; Jan. 11.
- Electric motor. G. E. L. Bargdill. 2,120,321; June 14.
- Electric motor. E. L. Barrett. 2,121,852; June 28.
- Electric motor. C. O. Bergstrom. 2,118,757; May 24.
- Electric motor. A. J. Dremel. 2,119,986; June 7.
- Electric motor. W. H. Edmondson. 2,138,483; Nov. 29.
- Electric motor. H. J. Findley. 2,127,166; Aug. 16.
- Electric motor. O. Lindell. 2,112,852; Apr. 5.
- Electric motor. E. Nielsen and V. A. Partz. 2,106,058; Jan. 18.
- Electric motor. H. T. Pershing, Jr. 2,124,672; July 26.
- Electric motor. H. E. Roys. 2,113,384; Apr. 5.
- Electric motor. M. Surjaninoff. 2,128,544; Aug. 30.
- Electric motor, Synchronous. F. R. Butherus. 2,110,415; Mar. 8.
- Electric panel board. A. E. Anderson. 2,140,376; Dec. 13.
- Electric phase controlling circuit. W. V. Roberts. 2,125,127; July 26.
- Electric pick-up. A. F. Sykes. 2,113,907; Apr. 12.
- Electric plug. E. W. Bonson. 2,140,616; Dec. 20.
- Electric plug. A. E. Grant. 2,119,809-10; June 7.
- Electric plug. T. H. Lambert. 2,131,856; Oct. 4.
- Electric plug. I. L. Means. 2,126,494; Aug. 9.
- Electric plug. F. Pfeiffer. 2,121,713; June 21.
- Electric plug lifter. J. J. Sheeran. 2,134,345; Oct. 25.
- Electric plug lock. J. G. Guinn. 2,104,945; Jan. 11.
- Electric power apparatus. W. and A. Toward. 2,121,895; June 28.
- Electric protective arrangement. H. Leyburn. 2,111,101; Mar. 15.
- Electric push-in plug. H. D. Geyer. 2,136,498; Nov. 15.
- Electric receptacle. G. B. Benander. 2,106,588; Jan. 25.
- Electric regulator. P. H. Craig. 2,138,732; Nov. 29.
- Electric remote selector circuit. L. E. W. Montrose-Oster. 2,132,960; Oct. 11.
- Electric sign. R. L. Perry. 2,120,259; June 14.
- Electric sign. M. G. Rupp. 2,107,767; Feb. 8.
- Electric sign. A. Varkonda. 2,129,595; Sept. 6.
- Electric sign, Movable changeable. J. Matlow. 2,120,809; June 14.
- Electric signal circuit, Automatic. R. M. Hopkins and H. M. Laford. 2,116,462; May 3.
- Electric signal switch. T. J. Converse. 2,126,871; Aug. 16.
- Electric snap switch. G. J. Meuer. 2,104,206; Jan. 4.
- Electric switch. O. Aldinger. 2,117,782; May 17.
- Electric switch. L. F. Bird. 2,107,138; Feb. 1.
- Electric switch. M. C. Child. 2,111,311; Mar. 15.
- Electric switch. A. Cianchi. 2,142,046; Dec. 27.
- Electric switch. G. H. Clark. 2,104,848; Jan. 11.
- Electric switch. J. A. Clinton. 2,114,871; Apr. 19.
- Electric switch. W. C. Edwards. 2,136,494; Nov. 15.
- Electric switch. C. T. Evans and H. E. Heller. 2,134,719; Oct. 25.
- Electric switch. L. E. Fisher and W. H. Frank. 2,139,072; Dec. 6.
- Electric switch. E. E. Forstrom. 2,120,424; June 14.
- Electric switch. J. Fuchs. 2,106,837; Feb. 1.
- Electric switch. A. C. Gaynor. 2,134,633; Oct. 25.
- Electric switch. H. Goudet and R. Sènaème. 2,104,458; Jan. 4.
- Electric switch. C. G. Gross. 2,125,439; Aug. 2.
- Electric switch. F. J. Groven. 2,104,420; Jan. 4.
- Electric switch. H. C. Hall. 2,113,463; Apr. 5.
- Electric switch. H. J. Hammerly. 2,134,717; Nov. 1.
- Electric switch. G. H. Hart. 2,109,725; Mar. 1.
- Electric switch. J. M. Hendrickson. 2,125,049; July 26.
- Electric switch. B. R. Hermann. 2,119,388; May 31.
- Electric switch. C. H. Hill. 2,141,272; Dec. 27.
- Electric switch. E. C. Kennedy. 2,119,080; May 31.
- Electric switch. A. W. Krieger. 2,133,545; Oct. 18.
- Electric switch. R. A. Millermaster. 2,125,684; Aug. 2.
- Electric switch. H. Nabakowski. 2,110,233; Mar. 8.
- Electric switch. J. G. Peterson. 2,121,569-71; June 21.
- Electric switch. S. Ruppel. 2,133,938; Oct. 18.
- Electric switch. F. J. Russell. 2,134,207; Oct. 25.
- Electric switch. E. K. Sadler. 2,141,279; Dec. 27.
- Electric switch. C. A. Schaefer. 2,122,700; July 5.
- Electric switch. C. A. Schaefer. 2,141,227; Dec. 27.
- Electric switch. C. H. Schneider. 2,129,591; Sept. 6.
- Electric switch. R. H. Schmitt. 2,139,519; Dec. 6.
- Electric switch. S. R. Smith. 2,107,651; Feb. 8.
- Electric switch. E. Stewart. 2,106,666; Jan. 25.
- Electric switch. K. J. Unwin. 2,106,581; Jan. 25.
- Electric switch, Automatic coin controlled time registering. H. R. Smith. 2,139,524; Dec. 6.
- Electric switch box. J. C. Richardson. 2,104,167; Jan. 4.
- Electric switch, Cord-type. F. Lobl. 2,117,966; May 17.
- Electric switch gear. K. T. Ashdown and V. L. Cox. 2,117,130; May 10.
- Electric switch gear. A. Bellm. 2,141,898; Dec. 27.
- Electric switch gear. R. Paxton. 2,106,061; Jan. 18.
- Electric synchronous motor. H. Jungmans. 2,113,693; Apr. 12.



- Electric system. J. L. Creveling. 2,133,975-6; Oct. 25.  
 Electric system. W. N. Tuttle. 2,104,336; Jan. 4.  
 Electric system and control apparatus therefor. R. E. Powell. 2,115,827; May 3.  
 Electric systems, Protection of. O. C. Traver. 2,115,597; Apr. 26.  
 Electric tool, Portable. F. P. Forss. 2,112,695; Mar. 29.  
 Electric transmission. C. W. Gebhardt. 2,138,231; Nov. 29.  
 Electric transmission line, High frequency. A. D. Blumlein. 2,115,059; Apr. 26.  
 Electric transmission line, Overhead. F. M. Crapo. 2,118,008; May 17.  
 Electric tumbler switch. R. H. Bentley. 2,120,423; June 14.  
 Electric values, Method of and apparatus for measuring. P. Wulff and W. Kordatzki. 2,119,374; May 31.  
 Electric valve. D. H. McCorkle. 2,118,443; May 24.  
 Electric valve circuit. B. D. Bedford. 2,110,656; Mar. 8.  
 Electric valve circuit. F. Hamacher. 2,133,857; Oct. 18.  
 Electric valve circuit. C. Okawa and S. Wada. 2,117,908; May 17.  
 Electric valve circuit. C. H. Willis. 2,110,688; Mar. 8.  
 Electric vehicle jack. J. D. Petsche and V. Bezjak. 2,131,296; Sept. 27.  
 Electric vibrating mechanism. E. F. Kohl. 2,131,628; Sept. 27.  
 Electric wave amplifying system. H. S. Black. 2,131,366; Sept. 27.  
 Electric wave amplifying system. A. L. Stillwell. 2,131,393; Sept. 27.  
 Electric wave generator. R. Urtel. 2,124,719; July 26.  
 Electric welding machine. I. J. B. Demers. 2,105,907; Jan. 18.  
 Electrical adapter means. H. A. Douglas. Re. 20,618; Jan. 11.  
 Electrical amplifying device. R. H. Worrall. 2,124,600; July 26.  
 Electrical amplifying system. D. E. Sparks. 2,109,756; Mar. 1.  
 Electrical apparatus. H. J. Benner. 2,136,731; Nov. 15.  
 Electrical apparatus. H. S. Gates. 2,106,838; Feb. 1.  
 Electrical apparatus. H. S. Gates. 2,117,879; May 17.  
 Electrical apparatus. H. S. Gates. 2,137,082; Nov. 15.  
 Electrical apparatus. M. J. E. Golay. 2,122,464; July 5.  
 Electrical apparatus. J. L. Green and F. T. Hicks. 2,136,337; Nov. 8.  
 Electrical apparatus. L. W. Guin. 2,106,211; Jan. 25.  
 Electrical apparatus. H. H. Kerr. 2,134,560; Oct. 25.  
 Electrical apparatus. R. P. Lansing. 2,141,257; Dec. 27.  
 Electrical apparatus. P. J. McCullough. 2,120,289; June 14.  
 Electrical apparatus. C. I. McNeil. 2,139,599; Dec. 6.  
 Electrical apparatus. H. V. Putman. 2,109,221; Feb. 22.  
 Electrical apparatus. H. F. Smith. 2,111,009; Mar. 15.  
 Electrical apparatus. H. F. Smith. 2,141,050; Dec. 20.  
 Electrical apparatus. J. P. Smith. 2,132,654; Oct. 11.  
 Electrical apparatus. A. V. Vance. 2,124,044; July 19.  
 Electrical apparatus. E. T. Zwack. 2,135,435; Nov. 1.  
 Electrical apparatus, High tension. L. Emanuelli. 2,122,281; June 28.  
 Electrical apparatus, System for measuring the characteristics of. C. L. Lemmon. 2,116,606; May 10.  
 Electrical appliance. A. S. Knapp. 2,140,158; Dec. 13.  
 Electrical appliance, Wirelessly energized. H. F. Waters. 2,133,494; Oct. 18.  
 Electrical appliances particularly brackets. P. Jordan. 2,111,289; Mar. 15.  
 Electrical arrangement for displaying pictures and communications. K. Rosenberg. 2,121,987; June 28.  
 Electrical attachment device. J. G. Ness. 2,117,816; May 17.  
 Electrical attachment fitting. A. Brownstein. 2,110,197; Mar. 8.  
 Electrical cable. H. C. Harrison. 2,115,143; Apr. 26.  
 Electrical cable. G. A. Seeley. 2,126,290; Aug. 9.  
 Electrical cable connector. E. B. Nowosielski. 2,108,504; Feb. 15.  
 Electrical circuit tester. R. J. Stull. 2,117,582; May 17.  
 Electrical communication network. H. R. Allensworth. 2,134,690; Nov. 1.  
 Electrical communication system, Two way. C. L. Calkins. 2,130,730; Sept. 20.  
 Electrical condenser. W. M. Bailey. 2,130,532; Sept. 20.  
 Electrical condenser. V. Bush. 2,134,273; Oct. 25.  
 Electrical condenser. W. Dubilier. 2,128,990; Sept. 6.  
 Electrical condenser. W. Dubilier. 2,133,086; Oct. 11.  
 Electrical condenser. F. W. Godsey, Jr. 2,132,744; Oct. 18.  
 Electrical condenser. S. Heyman. 2,119,744; June 7.  
 Electrical condenser. H. Muth and W. Runge. 2,126,027; Aug. 9.  
 Electrical condenser. S. Ruben. 2,108,005; Feb. 22.  
 Electrical condenser and spacing strip therefor. A. Di Giacomo. 2,104,797; Jan. 11.  
 Electrical conductor. R. W. Atkinson. 2,125,869; Aug. 9.  
 Electrical conductor, Insulated. P. Nowak and H. Hofmeier. 2,105,362; Jan. 11.  
 Electrical connector. G. E. Andre. 2,104,786; Jan. 11.  
 Electrical connector. C. Bardwell. 2,115,324; Apr. 26.  
 Electrical connector. C. H. Bissell. 2,129,811; Sept. 13.  
 Electrical connector. J. J. Burns. 2,129,014; Sept. 6.  
 Electrical connector. A. E. Caldwell. 2,125,485; Aug. 2.  
 Electrical connector. J. E. Clark. 2,132,203; Oct. 4.  
 Electrical connector. E. J. De Right and L. O. Becker. 2,114,736; Apr. 19.  
 Electrical connector. M. O. Fischel. 2,123,103; July 5.  
 Electrical connector. H. K. Foster. 2,108,708; Feb. 15.  
 Electrical connector. W. G. Fotsch. 2,107,859; Feb. 8.  
 Electrical connector. W. A. Frantz. 2,125,555; Aug. 2.  
 Electrical connector. W. A. Heinrich. 2,108,856; Feb. 22.  
 Electrical connector. C. H. Koehler. 2,123,631; July 12.  
 Electrical connector. L. L. Ladd. 2,113,792; Apr. 12.  
 Electrical connector. B. Lazich. 2,122,819; July 5.  
 Electrical connector. R. N. Rowe. 2,111,939; Mar. 22.  
 Electrical connector. H. H. Rudd. 2,114,940; Apr. 19.  
 Electrical connector. R. A. Toelke. 2,110,513; Mar. 8.  
 Electrical connector. W. R. Young. 2,139,535; Dec. 6.  
 Electrical connector device. H. M. Johnson. 2,118,607; May 24.  
 Electrical connecting and supporting means. H. J. Willson. 2,105,573; Jan. 18.  
 Electrical connecting device. C. W. Abbott. 2,112,752-3; Mar. 29.  
 Electrical connecting device. H. C. Acuff. 2,108,031; Feb. 15.  
 Electrical connecting device. O. Spahr. 2,104,888; Jan. 11.  
 Electrical connection. W. McGinnis and Z. Wirt. 2,140,843; Dec. 20.  
 Electrical connection block. H. J. Blakeslee. 2,110,968; Mar. 15.  
 Electrical connection block. H. J. Blakeslee. 2,120,061; June 7.  
 Electrical connection means. H. A. Douglas. 2,122,030; June 28.  
 Electrical contact and making the same. R. H. Imes and H. F. Fruth. 2,137,617; Nov. 22.  
 Electrical contact means. H. A. Douglas. 2,116,510; May 10.  
 Electrical contact target device and a missile. J. Tyllyer. 2,118,368; May 24.  
 Electrical contactor, Speed responsive. C. A. Rasmussen. 2,136,252; Nov. 8.  
 Electrical contactor, Traveling. B. W. Benbow. 2,115,135; Apr. 26.  
 Electrical contacts, Forming. S. Kobzy. 2,116,269; May 3.  
 Electrical control. C. F. Warrick. 2,110,313; Mar. 8.  
 Electrical control apparatus. W. A. Tolson. 2,108,152; Feb. 15.  
 Electrical control circuit. L. W. Thompson. 2,132,278; Oct. 4.  
 Electrical control device. E. Hobbie. 2,137,401; Nov. 22.  
 Electrical control device. H. H. Vroom. 2,140,147; Dec. 13.  
 Electrical control mechanism for trolley bucket plants. H. E. Hallenbeck. Re. 20,630; Jan. 18.  
 Electrical control of a series of devices, Successive. J. Serrière. 2,140,601; Dec. 20.  
 Electrical control or regulating system. B. W. Jones. 2,134,517; Oct. 25.  
 Electrical control system. F. W. Atz, Jr. 2,139,482; Dec. 6.  
 Electrical control system. G. De Croce. 2,140,351; Dec. 13.  
 Electrical control system. W. F. Eames. 2,140,354; Dec. 13.  
 Electrical control system. F. L. Moseley. 2,126,910; Aug. 16.  
 Electrical control system for fluid fuel burners. E. M. Miller. 2,110,049; Mar. 1.  
 Electrical control system for locomotives. F. B. Yingling. 2,113,207; Apr. 5.  
 Electrical controlling apparatus and method. E. E. Littlefield. 2,129,331; Sept. 6.  
 Electrical conversion system. C. J. Young. 2,117,587; May 17.  
 Electrical converter system. A. L. Swigart. 2,120,885; Sept. 13.  
 Electrical coupling arrangement. W. Buschbeck and R. Bruckner. 2,107,025; Feb. 1.  
 Electrical coupling device. B. R. Schofield. 2,110,100; Dec. 20.  
 Electrical currents, Apparatus for determining the frequency of. C. H. Phelps. 2,112,574; Mar. 29.  
 Electrical device. J. R. Flanagan and N. A. Grossman. 2,104,344; Jan. 25.  
 Electrical device. J. B. Harley. 2,107,757; Feb. 8.  
 Electrical device. J. Osawa. 2,114,000; Mar. 9.  
 Electrical device. T. W. Varley. 2,114,042; July 23.  
 Electrical device and making the same. L. H. Duffield, R. P. Garrett and R. P. Park. 2,140,000; Nov. 16.  
 Electrical device, Thermodynamically operated. F. Koster. 2,127,821; Aug. 13.  
 Electrical devices, Protecting. H. G. Benschamp. 2,120,457; June 14.  
 Electrical discharge apparatus. R. R. Chamberlain. 2,118,162; May 24.  
 Electrical discharge device. E. Gerner. 2,116,907; May 10.  
 Electrical discharge device. G. Holst, W. Flehmann and A. van Wijk. 2,122,283; June 28.  
 Electrical discharge device. O. W. Livingston. 2,117,034; Mar. 22.



- Electrical discharge device. L. K. Marshall. 2,115,147; Apr. 26.
- Electrical discharge device. J. H. McCauley. 2,133,206; Oct. 11.
- Electrical discharge device. H. D. Middel. 2,141,924; Dec. 27.
- Electrical discharge device, Animated. J. H. McCauley. 2,133,205; Oct. 11.
- Electrical discharge devices. J. H. McCauley. 2,132,427; Oct. 11.
- Electrical distribution system. L. C. Fisher and W. H. Frank. 2,128,995; Sept. 6.
- Electrical distribution system. H. J. L. Frank. 2,107,412; Feb. 8.
- Electrical distribution system. W. H. Frank. 2,106,565; Jan. 25.
- Electrical distribution system. W. H. Frank and L. C. Fisher. 2,129,170; Sept. 6.
- Electrical distribution system. W. H. Frank and L. C. Fisher. 2,134,755; Nov. 1.
- Electrical distribution system. W. H. Frank and L. E. Fisher. 2,116,676; May 10.
- Electrical distribution system. W. H. Frank and J. W. Harper. 2,117,307; May 17.
- Electrical distribution system. R. C. Fryer. 2,124,693; July 26.
- Electrical distribution system. W. A. Harper and W. H. Frank. 2,116,674; May 10.
- Electrical distribution system. J. G. Jackson. 2,107,865; Feb. 8.
- Electrical distribution system. J. L. Shea. 2,112,714; Mar. 29.
- Electrical energy and fluids, Distributing. J. E. Allan. 2,111,019; Mar. 15.
- Electrical energy, System for transmitting. A. R. Locke. 2,105,194; Jan. 11.
- Electrical equipment. J. B. Miles, Jr. 2,116,318; May 3.
- Electrical equipment. J. M. Pestarini. 2,125,806; Aug. 2.
- Electrical equipment mounting. H. J. Loftis. 2,136,555; Nov. 15.
- Electrical exploration of the subsurface, Method and apparatus for. J. J. Jakosky. 2,105,247; Jan. 11.
- Electrical flashing device. H. E. Nichols and R. C. Scott. 2,127,005; Aug. 16.
- Electrical furnace. B. Cousteix. 2,104,555; Jan. 4.
- Electrical generating system. A. J. Williams, Jr., and S. B. Morehouse. 2,124,725; July 26.
- Electrical generation of musical tones. W. E. Kock. 2,139,023; Dec. 6.
- Electrical heating apparatus. O. Heinisch and A. Riedl. 2,110,727; Mar. 8.
- Electrical heating system. R. B. Sutter. 2,138,217; Nov. 29.
- Electrical impulse generator. C. L. Calkins. 2,140,573; Dec. 20.
- Electrical impulses, System for producing. J. P. Smith. 2,132,655; Oct. 11.
- Electrical indicating means. M. L. Haselton. 2,117,661; May 17.
- Electrical indicating system and apparatus. L. Boddy. 2,108,463; Feb. 15.
- Electrical indicating system and apparatus. L. Boddy. 2,139,440; Dec. 6.
- Electrical indicator. L. Boddy. 2,133,077; Oct. 11.
- Electrical indicator or measuring instrument. H. E. Gauss. 2,116,110; May 3.
- Electrical induction apparatus. V. M. Montsinger. 2,116,404; May 3.
- Electrical instrument. R. M. Rowell. 2,110,680; Mar. 8.
- Electrical insulating composition. R. W. Work. 2,111,414; Mar. 15.
- Electrical insulation. F. J. Baird and A. L. Simison. 2,133,183; Oct. 11.
- Electrical interlock for drive shafts. H. Wolters. 2,130,866; Sept. 20.
- Electrical machine. G. A. Gillen. 2,139,012; Dec. 6.
- Electrical machine, of the kind called metadyne, operating at an adjustable constant speed. J. M. Pestarini. 2,122,237; June 28.
- Electrical means and method of remote control. P. N. Smith. 2,114,062; Apr. 12.
- Electrical measurement. T. Zuschlag. 2,140,662; Dec. 20.
- Electrical measuring instrument. D. C. Bettison and F. H. Keaton. 2,125,983; Aug. 9.
- Electrical measuring instrument. R. W. Carson. 2,139,997; Dec. 13.
- Electrical measuring instrument. W. Duperron. 2,129,204; Sept. 6.
- Electrical measuring instrument. F. X. Lamb. 2,116,154; May 3.
- Electrical measuring instrument. G. Marchetti. 2,116,950; May 10.
- Electrical measuring instrument. E. F. Weston. 2,123,670; July 12.
- Electrical measuring instrument, Multirange. H. S. Macadie. 2,118,933; May 31.
- Electrical measuring method and apparatus. J. M. Pearson. 2,123,545; July 12.
- Electrical method and apparatus for determining the characteristics of geologic formations. J. J. Jakosky. 2,140,798; Dec. 20.
- Electrical method for manufacturing sulphonated oils. W. Woelflin. 2,110,899; Mar. 15.
- Electrical motor. R. E. Gearhart and E. L. Renshaw. 2,109,111; Feb. 22.
- Electrical network. A. D. Blumlein. 2,138,996; Dec. 6.
- Electrical network system. Y.-W. Lee and N. Wiener. 2,128,257; Aug. 30.
- Electrical network system. N. Wiener and Y. Lee. 2,124,599; July 26.
- Electrical oscillation generator. S. W. H. W. Falloon. 2,140,004; Dec. 13.
- Electrical oscillation mixing circuit. H. Granger. 2,110,082; Mar. 1.
- Electrical oscillations, Apparatus for the production of. A. H. Midgley. 2,112,921; Apr. 5.
- Electrical outlet. W. J. Duffy. 2,108,581; Feb. 15.
- Electrical overhead cable. H. Glasser and J. Gröbl. 2,138,420; Nov. 29.
- Electrical parking meter. H. S. Johns. 2,114,534; Apr. 19.
- Electrical plug. G. H. Burt. 2,128,883; Aug. 30.
- Electrical power unit, Safety. G. F. Schmitt. 2,114,687; Apr. 19.
- Electrical precipitation. L. N. Scott. 2,119,297; May 31.
- Electrical precipitator. A. F. Meston. 2,110,631; Mar. 8.
- Electrical precipitator for atmospheric dust. G. W. Penney. 2,129,783; Sept. 13.
- Electrical proportioning system, Multiple. L. L. Cunningham and C. W. Nessell. 2,114,704; Apr. 19.
- Electrical prospecting, Apparatus for. T. Zuschlag. 2,107,560; Feb. 8.
- Electrical protection apparatus. L. K. Swart. 2,110,536; Mar. 8.
- Electrical protective device. R. R. Pittman and C. H. Walsh. 2,109,733; Mar. 1.
- Electrical regulating apparatus for rectifiers. L. K. Hedding. 2,136,243; Nov. 8.
- Electrical regulation. F. J. Champlin. Re. 20,734; May 24.
- Electrical regulation. W. J. McLachlan. 2,136,248; Nov. 8.
- Electrical regulator. R. Lee. 2,113,234; Apr. 5.
- Electrical relay. N. F. Agnew and B. Mischelevich. 2,104,602-3; Jan. 4.
- Electrical relay. A. W. Fisher and W. B. Wells. 2,140,576; Dec. 20.
- Electrical relay. B. Lazich. 2,111,635; Mar. 22.
- Electrical relay. C. S. Snively. 2,140,604; Dec. 20.
- Electrical relay. W. L. Stout. 2,126,674; Aug. 9.
- Electrical reproducing device. C. P. Mitchell. 2,127,448; Aug. 16.
- Electrical resistance and making same. A. W. Plensler. 2,138,938; Dec. 6.
- Electrical resistance unit. K. E. Rollefson. 2,130,156; Sept. 13.
- Electrical resistor. G. E. Megow. 2,111,220; Mar. 15.
- Electrical road switch, Arch type. O. J. Bell. 2,138,549; Nov. 29.
- Electrical set-up mechanism. C. L. Calkins. 2,121,584; June 21.
- Electrical signal switch. W. P. Crockett, Jr. 2,119,778; June 7.
- Electrical signaling apparatus. C. J. Crane. 2,110,869; Mar. 15.
- Electrical steam generator. H. Cowan. 2,140,516; Dec. 20.
- Electrical switch. O. Froland. 2,129,270; Sept. 3.
- Electrical switch. O. Froland. 2,140,907; Dec. 20.
- Electrical switch. L. C. George. 2,105,883; Jan. 18.
- Electrical switch. A. J. Kercher. 2,129,773; Sept. 13.
- Electrical switch. R. Popp. 2,128,731; Aug. 30.
- Electrical switch. S. Ruben. 2,116,215; May 3.
- Electrical switch. W. O. Schultz and A. G. Steinmayer. 2,140,814; Dec. 20.
- Electrical system. R. L. Campbell. 2,141,343; Dec. 27.
- Electrical system. E. L. Clark. 2,109,021; Feb. 22.
- Electrical system. G. W. Pierce. 2,112,863; Apr. 5.
- Electrical system. G. W. Pierce. 2,133,642; Oct. 18.
- Electrical system. G. W. Pierce. 2,133,644-6; Oct. 18.
- Electrical system. G. W. Pierce. 2,133,648; Oct. 18.
- Electrical system and apparatus. G. W. Pierce. 2,133,643; Oct. 18.
- Electrical system, Automotive. C. W. Hansell. 2,138,160; Nov. 29.
- Electrical terminal. H. J. Blakeslee. 2,110,969; Mar. 15.
- Electrical terminal. A. M. Draving. 2,106,595; Jan. 25.
- Electrical terminal. J. S. Martin. 2,136,363; Nov. 15.
- Electrical testing and detecting apparatus. M. Bly. 2,109,189; Feb. 22.
- Electrical testing system. F. E. Blount and P. Husta. 2,141,373; Dec. 27.
- Electrical timing arrangement. W. M. Knott. 2,126,895; Aug. 16.
- Electrical transformer. G. S. Van Antwerp. 2,117,583; May 17.
- Electrical transients, Method and apparatus for comparing. L. Statham. 2,113,749; Apr. 12.
- Electrical transmission of images in natural colors. R. Harding, Jr. 2,109,773; Mar. 1.
- Electrical transmission system. J. G. Aceves. 2,113,263; Apr. 5.
- Electrical transmission system, High-frequency. E. L. C. White. 2,105,305; Jan. 11.
- Electrical transmitting mechanism and circuit. C. L. Calkins. 2,136,672; Nov. 15.



- Electrical treating apparatus, especially for sterilization. F. S. Smith. 2,132,703-7; Oct. 11.
- Electrical unit and fastener member for the same. W. H. Churchill. 2,118,665; May 24.
- Electrical waves, Apparatus for generating. A. L. W. Williams. 2,126,437; Aug. 9.
- Electrical wiring system for buildings. H. S. Curren. 2,132,400; Oct. 11.
- Electrically actuated device for increasing the braking action. H. Gallusser. 2,109,419; Feb. 22.
- Electrically actuated tool. J. Young. 2,129,899; Sept. 13.
- Electrically controlled lock. H. A. W. Wehrs. 2,124,936; July 26.
- Electrically heated furnace. H. Henke. 2,140,228; Dec. 13.
- Electrically heated shaft furnace. B. G. O. Nordström. 2,139,201; Dec. 6.
- Electrically investigating subterranean strata. R. W. Lohman. 2,114,056; Apr. 12.
- Electrically operated gauge. B. H. Schwarze. 2,139,386; Dec. 6.
- Electrically operated tool. J. H. Rowe. 2,116,043; May 3.
- Electrician's tool. W. Wollenweber. 2,133,005; Oct. 11.
- Electricity meter. R. Pudelko. 2,137,807; Nov. 22.
- Electroacoustic device. C. E. Stevens. 2,105,934; Jan. 13.
- Electroacoustical apparatus. L. J. Anderson. 2,113,364; Apr. 5.
- Electroacoustical apparatus. F. Massa. 2,127,227; Aug. 16.
- Electrochemical reactions, Carrying out organic. R. H. McKee and C. J. Brockman. 2,110,273; Mar. 8.
- Electrocuting trap. E. A. Lindsley. 2,117,767; May 17.
- Electrode. R. H. George. 2,117,842; May 17.
- Electrode. B. O'Brien. 2,121,882; June 28.
- Electrode and forming the same, Piezoelectric crystal. H. Sachse. 2,139,469; Dec. 6.
- Electrode and making same. M. Christensen, G. H. Plaine, J. E. Trainer, and J. C. Hodge. 2,133,970; Oct. 25.
- Electrode and making the same, Storage battery positive. H. R. Harner, F. H. Schultz, and E. J. Ritchie. 2,108,748; Feb. 15.
- Electrode and making the same, Storage battery positive. H. R. Harner, F. H. Schultz, and E. J. Ritchie. 2,136,241; Nov. 8.
- Electrode, Arcing. H. L. Rorden. 2,135,353; Nov. 1.
- Electrode arcs, Deflection of. G. E. Seil. 2,116,218; May 3.
- Electrode arrangement. J. von Issendorff. 2,130,845; Sept. 20.
- Electrode assembly. T. J. Henry. 2,108,533; Feb. 15.
- Electrode assembly, Demountable. L. D. Miles. 2,112,040; Mar. 22.
- Electrode assembly, Making an. F. O. Budnick. 2,136,932; Nov. 15.
- Electrode clamp. W. E. Moore. 2,135,408; Nov. 1.
- Electrode feed mechanism for searchlights. W. A. Pennow. 2,140,372; Dec. 13.
- Electrode feeding mechanism for arc lamps. W. K. Krieg and E. Scheller. 2,136,082; Nov. 8.
- Electrode feeding mechanism for high intensity arc searchlights. O. G. Rutemiller. 2,117,911; May 17.
- Electrode feeding mechanism for searchlights. W. H. Jacobl and I. A. Yost. 2,117,888; May 17.
- Electrode fitting. S. W. Borden. 2,122,547; July 5.
- Electrode for diathermy treatment. E. J. Rose. 2,130,759; Sept. 20.
- Electrode for diathermy treatment and the like. E. J. Rose. 2,130,758; Sept. 20.
- Electrode for discharge lamps. J. W. Marden and G. Meister. 2,112,855; Apr. 5.
- Electrode for electric discharge devices. E. Lemmers and H. M. Fernberger. 2,121,637; June 21.
- Electrode for electric discharge devices. E. R. Plore and L. Maltzer. 2,123,024; July 5.
- Electrode for electric discharge tubes. C. F. Miller. 2,118,765; May 24.
- Electrode for electron discharge devices. C. H. Mahoney. 2,140,534; Dec. 20.
- Electrode for electronic tubes, Pertused. E. A. Colby. 2,136,610; Nov. 15.
- Electrode for mercury devices. S. S. Green. 2,133,986; Oct. 25.
- Electrode for open arc lamps. I. Silberstein. 2,106,126; Jan. 18.
- Electrode for projectors, Carbon. J. W. Droll. 2,120,243; June 14.
- Electrode for television tubes, Mosaic. M. Knoll. 2,116,901; May 10.
- Electrode for vapor discharge lamps. C. W. Hunt. 2,110,601; Mar. 8.
- Electrode for windmill generators. H. Folkers. 2,108,663; Feb. 15.
- Electrode gland. W. E. Moore. 2,135,761; Nov. 8.
- Electrode, Glass. H. Bender and D. J. Pye. 2,117,596; May 17.
- Electrode holder. L. Bevard. 2,124,283; July 19.
- Electrode holder. V. J. Chapman. 2,128,799; Aug. 30.
- Electrode holder. E. R. Smith. 2,131,801; Oct. 1.
- Electrode material and making the same. O. A. Rogers. 2,108,004; Feb. 8.
- Electrode positioning device. C. D. Towne. 2,135,296; Nov. 1.
- Electrode, Pressure exerting. F. R. Hensel and E. I. Larsen. 2,131,475; Sept. 27.
- Electrode rapping. H. C. Engelman. 2,123,464; July 12.
- Electrode rapping. A. F. Meston. 2,123,473; July 12.
- Electrode release for arc lamps. R. J. Brandt. 2,122,195; June 28.
- Electrode, Secondary emission. P. T. Farnsworth. 2,139,813; Dec. 13.
- Electrode, Self-supporting electrotherapy. E. L. Dorr. 2,110,392; Mar. 8.
- Electrode, Sheathed. H. Röhrig. 2,112,578; Mar. 29.
- Electrode structure. J. Hirman. 2,135,941; Nov. 8.
- Electrode support. O. Karl. 2,121,597; June 21.
- Electrode system. A. Pützer. 2,134,577; Oct. 25.
- Electrode system and making same. W. C. van Geel and H. Emmens. 2,137,316; Nov. 22.
- Electrode system, Asymmetric. J. H. de Boer. 2,131,167; Sept. 27.
- Electrode system, Asymmetric. J. H. de Boer and W. C. van Geel. 2,109,879; Mar. 1.
- Electrode system, Asymmetric. J. H. de Boer and W. C. van Geel. 2,139,731; Dec. 13.
- Electrode system of unsymmetrical conductivity. W. C. van Geel and H. Emmens. 2,137,428; Nov. 22.
- Electrode terminal. H. L. Kresge. 2,130,768; Sept. 20.
- Electrode, Thermionic. G. B. Tjoflat. 2,117,636; May 17.
- Electrode, Welding. H. T. Platz. 2,138,387; Nov. 29.
- Electrodes for cathode ray tubes and the like, Construction of. M. Benjamin and R. O. Jenkins. 2,125,418; Aug. 2.
- Electrodes for electron discharge tubes, Method and apparatus for manufacture of. C. F. Miller. 2,131,254; Sept. 27.
- Electrodes, Manufacture of. S. J. Ralph. 2,124,261; July 19.
- Electrodes of electric furnaces, Adjusting the. E. Winter and F. Lückers. 2,121,578; June 21.
- Electrodes of ionized vapor valves, Arrangement for controlling the control. M. Demontvignier. 2,133,850; Oct. 18.
- Electrodynamic and pneumatic brake. J. C. McCune. 2,112,424; Mar. 29.
- Electrodynamic apparatus. E. L. Bowles and G. H. B. Smith, Jr. 2,112,264; Mar. 29.
- Electrodynamical measuring instrument. H. Roekels. 2,125,151; July 26.
- Electrohydraulic system. A. R. Kuzelewski. 2,111,594; Mar. 22.
- Electrolysis of fused salts. H. N. Gilbert. 2,111,264; Mar. 15.
- Electrolyte. J. B. Brennan. 2,104,732; Jan. 11.
- Electrolyte and making same. J. B. Brennan and E. L. Marsh. 2,104,733; Jan. 11.
- Electrolyte, Chromium-plating. R. W. Shaffer. 2,136,197; Nov. 8.
- Electrolytic apparatus. W. H. Bitner. 2,115,004; Apr. 26.
- Electrolytic apparatus. W. H. Bitner. 2,122,876; July 5.
- Electrolytic apparatus. W. Sykes. 2,125,037; July 26.
- Electrolytic capacitor. L. H. Junken. 2,115,465; Apr. 5.
- Electrolytic cell. J. B. Brennan. 2,111,041; Mar. 15.
- Electrolytic condenser. G. Binlek. 2,139,437; Dec. 6.
- Electrolytic condenser. J. B. Brennan. 2,104,019; Jan. 4.
- Electrolytic condenser. C. de Lange. 2,117,792; Nov. 17.
- Electrolytic condenser. C. de Lange and A. F. P. J. Classen. 2,130,073; Sept. 13.
- Electrolytic condenser. W. Herrmann. 2,120,426; June 14.
- Electrolytic condenser. J. T. Hood. 2,129,089; Sept. 6.
- Electrolytic condenser. F. Keller and C. M. Hastings. 2,106,178; Jan. 25.
- Electrolytic condenser. N. Schnoll. 2,122,750; July 5.
- Electrolytic device. J. B. Brennan. 2,135,492; Nov. 8.
- Electrolytic device. P. M. Deeley. 2,106,208; Jan. 25.
- Electrolytic device. P. Robinson. 2,111,993; Mar. 22.
- Electrolytic device. P. Robinson. 2,116,149; May 3.
- Electrolytic device. P. Robinson and J. L. Collins. 2,119,628; June 7.
- Electrolytic device. P. Robinson and J. L. Collins. 2,122,392-3; June 28.
- Electrolytic device. N. Schnoll. 2,120,815; June 14.
- Electrolytic device and making same. J. B. Brennan. 2,104,018; Jan. 4.
- Electrolytic extraction of metallic manganese. S. M. Shelton. 2,119,560; June 7.
- Electromagnet, Alternating current. C. T. Evans. 2,109,741; Mar. 1.
- Electromagnet and controlling circuits therefor. O. Myers. 2,112,542; Mar. 20.
- Electromagnet, Coin collector. J. M. Melick. 2,116,580; May 10.
- Electromagnet device. H. Hausath. 2,120,178; June 7.
- Electromagnetic apparatus. A. Winther. 2,106,542; Jan. 25.
- Electromagnetic balance, Distant reading. S. F. Dawson. 2,141,175; Dec. 27.
- Electromagnetic control apparatus. W. H. Reiser. 2,115,748; May 3.
- Electromagnetic control device. W. H. Bruns. 2,125,140-60; July 26.
- Electromagnetic control means. J. B. Fisher. 2,121,667; June 21.



- Electromagnetic device. A. E. Melhose. 2,120,985; June 21.
- Electromagnetic device. B. Mishelevich. 2,120,339; June 14.
- Electromagnetic device. E. J. Pratt. 2,140,139; Dec. 13.
- Electromagnetic device and circuits for operating the same. S. Karasick. 2,138,864; Dec. 6.
- Electromagnetic device and making same. R. Vermeulen and A. T. Van Urk. 2,108,275; Feb. 15.
- Electromagnetic device having the same temperature coefficient of resistance materials in assisting windings. Slow. A. B. Rypinski. 2,140,553; Dec. 20.
- Electromagnetic friction device. A. B. Cadman. 2,138,837; Dec. 6.
- Electromagnetic relay. G. B. Knös. 2,134,448; Oct. 25.
- Electromagnetic relay. O. Lühn. 2,111,246; Mar. 15.
- Electromagnetic separator. R. H. Stearns and E. C. Kiekhaefer. 2,109,076; Feb. 22.
- Electromagnetic switch. W. Fondiller. 2,115,804; May 3.
- Electromagnetic switching device. C. R. Woodland and C. Rhodes. 2,117,531; May 17.
- Electromagnetic switching system. C. J. and S. C. Evans. 2,131,942; Oct. 4.
- Electromagnetic translating device. J. M. Kendall. 2,118,608; May 24.
- Electromagnetic valve. W. H. Gille. 2,114,961; Apr. 19.
- Electromagnetic wave signaling system. E. D. Tillyer. 2,127,015; Aug. 16.
- Electromagnetic wave signals on dielectric guides, Apparatus and method for receiving. G. C. Southworth and A. P. King. 2,106,770; Feb. 1.
- Electromagnetic waves, Apparatus for generating and applying. E. B. W. Kassner. 2,109,843; Mar. 1.
- Electromechanical display apparatus. G. Thornton-Norris. 2,127,316; Aug. 16.
- Electromechanical recorder. E. B. D. Mackenzie. 2,129,776; Sept. 13.
- Electromechanical translating device. O. M. Dunning. 2,106,051; Jan. 18.
- Electromechanical wave filter. R. B. Blackman and E. Lakatos. 2,139,220; Dec. 6.
- Electromedical instrument. F. E. Hird. 2,126,257; Aug. 9.
- Electromotive forces, Apparatus for indicating small. R. Gunn. 2,114,298; Apr. 19.
- Electromotor. E. Vogel. 2,120,914; June 14.
- Electron discharge apparatus. C. A. Bieling. 2,108,640; Feb. 15.
- Electron discharge apparatus. C. A. Bieling. 2,125,280; Aug. 2.
- Electron discharge apparatus. F. C. Blancha. 2,109,834; Mar. 1.
- Electron discharge apparatus. J. E. Keynton, F. H. Nicoll, and O. Klemperer. 2,123,011; July 5.
- Electron discharge apparatus. W. A. Knoop. 2,134,718; Nov. 1.
- Electron discharge apparatus. A. M. Skellett. 2,108,830; Feb. 22.
- Electron discharge apparatus. A. M. Skellett. 2,114,035; Apr. 12.
- Electron discharge device. C. A. Bieling. 2,125,279; Aug. 2.
- Electron discharge device. H. G. Boumeester and K. Posthumus. 2,112,136; Mar. 22.
- Electron discharge device. C. S. Bull and S. Rodda. 2,107,518; Feb. 8.
- Electron discharge device. J. E. Clark and V. L. Ronci. 2,114,439; Apr. 19.
- Electron discharge device. J. E. Clark and V. L. Ronci. 2,141,378; Dec. 27.
- Electron discharge device. R. U. Clark. Re. 20,727; May 17.
- Electron discharge device. R. U. Clark. 2,130,380; Sept. 20.
- Electron discharge device. R. U. Clark. 2,138,444; Nov. 29.
- Electron discharge device. W. D. Coolidge. 2,113,422; Apr. 5.
- Electron discharge device. C. J. Davisson. 2,117,709; May 17.
- Electron discharge device. R. J. Erichsen. 2,138,228; Nov. 29.
- Electron discharge device. K. Fritz. 2,130,124; Sept. 13.
- Electron discharge device. K. Fritz. 2,132,946; Oct. 11.
- Electron discharge device. M. S. Glass. 2,139,678; Dec. 13.
- Electron discharge device. P. C. Goldmark. 2,132,783; Oct. 11.
- Electron discharge device. H. H. Haglund. 2,117,246; May 10.
- Electron discharge device. D. G. Haines and K. G. Bucklin. 2,118,922; May 31.
- Electron discharge device. D. A. S. Hale. 2,141,387; Dec. 27.
- Electron discharge device. D. A. S. Hale and V. L. Ronci. 2,117,001; May 10.
- Electron discharge device. R. A. Heising. 2,111,625; Mar. 22.
- Electron discharge device. E. W. Herold. 2,139,366; Dec. 6.
- Electron discharge device. H. A. Iams. 2,131,892; Oct. 4.
- Electron discharge device. G. Jobst. 2,136,105; Nov. 8.
- Electron discharge device. J. L. H. Jonker. 2,107,333; Feb. 8.
- Electron discharge device. J. L. H. Jonker. 2,134,407; Oct. 25.
- Electron discharge device. O. Klemperer. 2,138,928; Dec. 6.
- Electron discharge device. M. Kuipers and H. G. Boumeester. 2,139,757; Dec. 13.
- Electron discharge device. J. P. Laico. 2,105,483; Jan. 18.
- Electron discharge device. J. P. Laico. 2,129,849; Sept. 13.
- Electron discharge device. J. P. Laico. 2,139,685; Dec. 13.
- Electron discharge device. N. E. Lindenblad. 2,108,539; Feb. 15.
- Electron discharge device. H. E. Mendenhall. 2,105,924; Jan. 18.
- Electron discharge device. C. F. Miller. 2,137,005; Nov. 15.
- Electron discharge device. V. L. Ronci. 2,105,506; Jan. 18.
- Electron discharge device. V. L. Ronci. 2,105,507; Jan. 18.
- Electron discharge device. V. L. Ronci. 2,111,602; Mar. 22.
- Electron discharge device. V. L. Ronci. 2,119,559; June 7.
- Electron discharge device. V. L. Ronci. 2,125,317; Aug. 2.
- Electron discharge device. H. Rothe. 2,104,816; Jan. 11.
- Electron discharge device. H. Rothe and W. Kleen. 2,112,050; Mar. 22.
- Electron discharge device. A. L. Samuel. 2,130,510; Sept. 20.
- Electron discharge device. O. H. Schade. 2,107,520; Feb. 8.
- Electron discharge device. O. H. Schade. 2,131,921; Oct. 4.
- Electron discharge device. I. Shoenberg, C. S. Bull and S. Rodda. 2,107,519; Feb. 8.
- Electron discharge device. B. D. H. Tellegen and M. Ziegler. 2,134,896; Nov. 1.
- Electron discharge device. B. J. Thompson. 2,141,673; Dec. 27.
- Electron discharge device. E. Wiegand, W. Meyer, and H. Pulfrich. 2,104,784; Jan. 11.
- Electron discharge device. I. Wolff. 2,110,564; Mar. 8.
- Electron discharge device and circuit. W. L. Meier. 2,130,191; Sept. 13.
- Electron discharge device and circuits, Double cathode. C. H. Brown and W. v. b. Roberts. 2,121,067; June 21.
- Electron discharge device and circuits therefor. O. Shoenberg, C. S. Bull, and S. Rodda. 2,113,801; Apr. 12.
- Electron discharge device control system. A. Gaudenzi. 2,106,524; Jan. 25.
- Electron discharge device, High voltage. S. Hirsch. 2,115,927; May 3.
- Electron discharge modulator, Ultrahigh frequency. A. A. Linsell. 2,121,877; June 28.
- Electron discharge tube. R. G. Bennett. 2,118,002; May 17.
- Electron discharge tube. H. Gutton and R. Warnecke. 2,112,958; Apr. 5.
- Electron discharge tube. J. H. O. Harries. 2,125,719; Aug. 2.
- Electron discharge tube. M. Knoll. 2,130,280-1; Sept. 13.
- Electron discharge tube. K. Matthies. 2,122,776; July 5.
- Electron discharge tube. H. J. McCarthy. 2,122,377; June 28.
- Electron discharge tube. A. G. Thomas. 2,111,649; Mar. 22.
- Electron discharge tube. R. Warnecke. 2,111,256; Mar. 15.
- Electron discharge tube system. N. Minorsky. 2,137,299; Nov. 22.
- Electron discharge tube, Voltage indicating. H. W. Parker. 2,105,818; Jan. 18.
- Electron multiplier. G. B. Banks. 2,113,264; Apr. 5.
- Electron multiplier. G. B. Banks. 2,115,155; Apr. 26.
- Electron multiplier. P. T. Farnsworth. Re. 20,759; June 14.
- Electron multiplier. E. A. Massa, Jr., and L. Malter. 2,113,378; Apr. 5.
- Electron multiplier. E. G. Ramberg. 2,125,750; Aug. 2.
- Electron multipliers, Controlling. P. T. Farnsworth. 2,140,832; Dec. 20.
- Electron multipliers, Operating. P. T. Farnsworth. 2,128,580; Aug. 30.
- Electron multipliers, Regulation of magnetic. T. B. Perkins. 2,130,152; Sept. 13.
- Electron tube. W. Dallenbach. 2,105,026; Jan. 11.
- Electron tube. W. Dallenbach. 2,128,232-4; Aug. 30.
- Electron tube. W. Federmann and J. Richter. 2,137,202; Nov. 15.
- Electron tube. A. Gabel. 2,137,609; Nov. 22.
- Electron tube. M. Knoll. 2,110,553; Mar. 8.
- Electron tube. M. Knoll. 2,121,356; June 21.
- Electron tube. M. Knoll and E. Sommerfeld. 2,110,911; Mar. 15.
- Electron tube. I. G. Maloff. 2,104,566; Jan. 4.
- Electron tube. R. T. Orth. 2,123,957; July 19.



- Electron tube. J. Richter, B. Hensel, and K. Hess. 2,128,759; Aug. 30.
- Electron tube. F. Schröter. 2,108,617; Feb. 15.
- Electron tube. A. A. Thomas. 2,131,923; Oct. 4.
- Electron tube. A. A. Thomas. 2,137,424; Nov. 22.
- Electron tube. J. T. Wilson. 2,126,694; Aug. 9.
- Electron tube amplification system. W. Soller. 2,138,891; Dec. 6.
- Electron tube circuits, Balanced. W. Soller. 2,104,211; Jan. 4.
- Electronic device. K. Diels. 2,128,639; Aug. 30.
- Electronic device. R. D. Eaton. 2,128,632; Aug. 30.
- Electronic discharge device, Secondary emissive. E. G. Linder. 2,117,098; May 10.
- Electronic distributor. W. G. H. Finch. 2,110,548; Mar. 8.
- Electronic indicating device. C. N. Kimball and E. W. Wilby. 2,124,740; July 26.
- Electronic tube. J. C. Batchelor. 2,124,224; July 19.
- Electronic tube. K. Schlesinger. 2,111,942; Mar. 22.
- Electronic tube. K. Schlesinger. 2,123,159; July 5.
- Electronic tube. K. Schlesinger. 2,126,288; Aug. 9.
- Electronic unit, Reconditioning. L. C. Stringer. 2,122,117; June 28.
- Electronic vacuum pump. L. Malter. 2,131,897; Oct. 4.
- Electro-optical transmission. F. Gray. 2,138,577; Nov. 29.
- Electro-optical transmission method and apparatus. A. G. Cooley. 2,138,398; Nov. 29.
- Electroplating. C. G. Fink and P. Deren. 2,138,573; Nov. 29.
- Electro-pneumatic brake. C. C. Farmer and R. E. Miller. 2,108,788; Feb. 22.
- Electropneumatic brake. A. G. Kershaw, A. W. Simmons, and K. H. Leech. 2,113,621; Apr. 12.
- Electrooptical apparatus. M. W. Baldwin, Jr. 2,131,715; Sept. 27.
- Electrooptical device. M. Knoll. 2,131,185; Sept. 27.
- Electrooptical method and apparatus. J. C. Batchelor. 2,113,473; Apr. 5.
- Electrooptical scanning apparatus. C. F. Matthe. 2,107,759; Feb. 8.
- Electroplating. E. D. Viers and B. C. Case. 2,119,304; May 31.
- Electroplating by hand, Apparatus for. M. Schlötter. 2,128,331; Aug. 30.
- Electroresponsive device. E. H. Bancker. 2,110,655; Mar. 8.
- Electroresponsive device. A. J. McConnell. 2,110,673; Mar. 8.
- Electroresponsive device. D. C. Prince. 2,110,676; Mar. 8.
- Electroresponsive device. V. E. Verrall. 2,110,686; Mar. 8.
- Electrostatic condenser. A. H. Hotopp, Jr. 2,113,961; Apr. 12.
- Electrostatic separation, Method and apparatus for. T. Bantz, G. Grave, and E. Oppen. 2,106,865; Feb. 1.
- Electrotherapeutic apparatus. J. Hofmann. 2,106,429; Jan. 25.
- Electro-therapeutic device. T. J. Curtis. 2,104,252; Jan. 4.
- Electrotherapy. F. C. Wappler. 2,126,070; Aug. 9.
- Elevating device for automotive vehicles. G. J. Blum. 2,124,726; July 26.
- Elevating mechanism. G. W. Von Hofe and B. D. Dans. 2,108,628; Feb. 15.
- Elevation and slope indicator. A. Turrian. 2,128,863; Aug. 30.
- Elevator. C. B. Collins. 2,134,859; Nov. 1.
- Elevator classifier. A. C. Munro. 2,106,154; Jan. 25.
- Elevator construction. B. Palm. 2,107,210; Feb. 1.
- Elevator control apparatus. H. W. Williams. 2,128,063; Aug. 23.
- Elevator control system. W. F. Eames. 2,104,478; Jan. 4.
- Elevator control system. N. J. Girolami. 2,115,201; Apr. 26.
- Elevator control system. R. W. Jones. 2,104,522; Jan. 4.
- Elevator cup. C. E. Lindburg. 2,122,036; June 28.
- Elevator dispatching system. W. F. Eames. 2,121,587; June 21.
- Elevator for airplanes, Duplex retractile. O. L. R. Jones. 2,139,163; Dec. 6.
- Elevator for typographical machines, Second. C. E. Murray. 2,134,668; Oct. 25.
- Elevator, Grain. J. B. Kucera. 2,114,928; Apr. 10.
- Elevator latch. R. K. Hertel. 2,105,077; Jan. 11.
- Elevator operating mechanism. J. N. Schiff. 2,110,919; Mar. 15.
- Elevator plate mechanism. E. E. Alexander. 2,120,081; June 7.
- Elevator, Portable. H. L. Sinclair. 2,106,878; Feb. 1.
- Elevator, Self-dumping. G. P. Coughlin. 2,125,547; Aug. 2.
- Elevator, Snp. C. A. Lundeen. 2,109,493; Mar. 1.
- Elevator, Suction. A. Lowy. 2,106,183; Jan. 25.
- Elevator system. D. Santini. 2,117,913; May 17.
- Elevator, Well rig. J. B. Conner. 2,122,513; July 5.
- Elevators, Self leveling device for electric. E. Drenker. 2,112,985; Apr. 6.
- Emulsator. H. W. McCall. 2,139,967; Dec. 13.
- Embalming apparatus. C. G. Postlewait. 2,124,121; July 19.
- Embalming instrument. R. W. Tyler. 2,137,635; Nov. 22.
- Embalming machine and aspirator. R. B. Grontkowski. 2,118,704; May 24.
- Embossing machine. C. Chisholm. 2,115,455-6; Apr. 26.
- Emblem or sign. F. Weindel, Jr. 2,105,679; Jan. 18.
- Embossing machine. W. R. Siebert. 2,142,009; Dec. 27.
- Embossing, perforating and rewinding machine. P. J. Christman. 2,127,246; Aug. 16.
- Embroidering attachment. D. Litsey. 2,137,454; Nov. 22.
- Embroidering machine. O. De Cardy. 2,141,294; Dec. 27.
- Embroidering machine. J. Fink. 2,118,077; May 24.
- Embroidery machine. J. C. Williams. 2,112,186; Mar. 22.
- Embroidery machine for seamless hose, Hand. O. De Cardy. 2,118,788; May 24.
- Emergency balancing means. J. R. Austin and D. R. Berlin. 2,117,234; May 10.
- Emergency lamp. G. A. F. Winckler. 2,118,996; May 31.
- Emergency tire tool. F. D. Lewis. 2,135,403; Nov. 1.
- Emergency valve. F. C. Thwaites. 2,109,870; Mar. 1.
- Emery, Apparatus for grading. K. C. Burroughs. 2,124,343; July 19.
- Empennage for rotary winged aircraft. A. E. Larsen and P. H. Stanley. 2,110,443; Mar. 8.
- Empty and load brake. E. S. Cook and E. E. Hewitt. 2,109,366; Feb. 22.
- Emulsifier. F. W. Knott. 2,132,854; Oct. 11.
- Emulsifying agent and preparing same. K. T. Stelk and S. C. Fulton. 2,126,054; Aug. 9.
- Emulsifying agent, Forming an. R. R. Thurston. 2,130,326; Sept. 13.
- Emulsifier. K. E. McConaughay. 2,118,616; May 24.
- Emulsifying and treating agents. S. Lenher and L. B. Arnold, Jr. 2,139,276; Dec. 6.
- Emulsifying device. G. Lavine. 2,124,580; July 26.
- Emulsion. B. R. Harris. 2,114,490; Apr. 19.
- Emulsion, Acid phosphatide. A. Schwieger. 2,115,088; Apr. 26.
- Emulsion and producing same. U. B. Bray. 2,130,535; Sept. 20.
- Emulsion and producing the same. U. B. Bray and L. B. Beckwith. 2,137,226; Nov. 22.
- Emulsion apparatus. H. S. McCray. 2,125,245; July 26.
- Emulsion, Bituminous. B. Foster and C. J. Seydel. 2,129,416; Sept. 6.
- Emulsion, Insecticidal. A. G. Kaufmann. 2,114,125; Apr. 12.
- Emulsion, Print-out. G. E. Fallesen and B. H. Carroll. 2,126,319; Aug. 9.
- Emulsion, Print-out. G. E. Fallesen and C. J. Staud. 2,126,318; Aug. 9.
- Emulsion, Print-out. G. E. Fallesen and C. J. Staud. 2,129,207; Sept. 6.
- Emulsions and making same. H. Pirie. 2,136,020; Nov. 8.
- Emulsions and making the same. P. L. Boneysteele and M. L. McKercher. 2,135,866; Nov. 8.
- Emulsions and producing same, Bituminous. W. N. Davis, O. E. Cushman, and J. E. Fratis. 2,132,607; Oct. 11.
- Emulsions and producing same, Water-oil. B. R. Harris. 2,109,842; Mar. 1.
- Emulsions, Breaking. I. M. Colbeth. 2,126,368; Aug. 9.
- Emulsions containing trinitrophenyl cyanine dyes, Photographic. L. G. S. Brooker and L. A. Smith. 2,108,845; Feb. 22.
- Emulsions, Manufacture of. H. Schrader and H. Stahl. 2,121,305; June 21.
- Emulsions, Photographic. M. Salo. 2,110,491; Mar. 8.
- Emulsions, Production of. A. Müller. 2,111,402; Mar. 15.
- Emulsions, Resolving. T. B. Wayne. Re. 20,717; May 3.
- Emulsions, Treating. S. E. Campbell. 2,132,186; Oct. 11.
- Enamel, Lacquer. R. K. Hazen. 2,115,020; Apr. 26.
- Enamel, Nonolly vitreous. F. Shurley. 2,104,531; Jan. 4.
- Enamel, Manufacture of. W. Heimberger. 2,127,116; Aug. 16.
- Enamel, Smelting. R. H. Turk. 2,137,930; Nov. 22.
- Enamel to can bodies, Apparatus for applying. A. L. Kronquest. 2,129,220; Sept. 6.
- Enamel, White clouded vitreous. I. Kreidl. 2,118,047; May 24.
- Enameled article. J. T. Penton. 2,130,634; Sept. 20.
- Enameled ware. I. Kreidl. 2,109,487; Mar. 1.
- Enameling furnace. J. C. Woodson. 2,137,040; Nov. 15.
- Enameling machine. E. H. Harris. Re. 20,712; May 3.
- Enclosed electric switch. H. E. Schlicher and M. Ginet. 2,117,987; May 17.
- Enclosure and detachable member, Combined. C. M. Beechle. 2,118,044; May 24.
- Enclosure for electric meters and pull boxes, Combination. P. C. Holtz. 2,100,950; Feb. 1.
- Enclosure for radiators. H. M. Schick. 2,117,944; May 17.
- Enclosure, Protection. P. C. Dier. 2,139,579; Dec. 6.
- Enclosures, Precooling. A. E. Stacey, Jr. 2,115,344; Apr. 26.
- Enclosures, Ventilating. K. D. Perkins. 2,140,055; Dec. 13.
- End gate. J. A. Stelner. 2,122,014; June 28.
- Endgate fastener. F. E. Tomlinson. 2,115,241; Apr. 26.
- End mill. C. G. Case. 2,129,117; Sept. 6.



- End stapling machine. A. L. Rosenmund. 2,109,910; Mar. 1.
- End stops for separable fasteners, Manufacturing. D. Marinsky. 2,115,369; Apr. 26.
- Endless chain. L. Caute. 2,113,504; Apr. 5.
- Ends of a sausage skin, Closing the. O. W. Becker. 2,111,273; Mar. 15.
- Ends of insulated electric wires, Method and apparatus for cleaning. R. M. Akin, Jr. 2,116,228; May 3.
- Ends of wire ropes, Bonding the. F. E. Stahl. 2,115,649; Apr. 26.
- Ends to can bodies, Apparatus for soldering. A. M. Cameron. 2,132,145; Oct. 4.
- Endoscopic instrument. F. C. Wappler. 2,129,391; Sept. 6.
- Endoscopic instrument, Blunted. F. C. Wappler. 2,112,056; Mar. 22.
- Energizing system for discharge tubes. E. G. Dorgelo. 2,130,077; Sept. 13.
- Energizing system for discharge tubes. E. G. Dorgelo. 2,134,439; Oct. 25.
- Energy absorber for circuit breakers. W. Deans. 2,137,000; Nov. 15.
- Energy converter. H. H. Nicholson. 2,134,729; Nov. 1.
- Energy effects by guided electric waves in a dielectric medium, Transmission of. G. C. Southworth. 2,129,712; Sept. 13.
- Engine: See—
- Air chamber Diesel engine. Polyfuel engine.
- Combustion engine. Pressure fluid engine.
- Compound steam engine. Radial engine.
- Compressor or other engine. Reciprocating engine.
- Diesel engine. Rocket engine.
- Double acting engine. Rotary engine.
- Duplex pumping engine. Rotary gas engine.
- External combustion engine. Rotary steam engine.
- Fluid power engine. Steam engine.
- Hydraulic engine. Super-charged engine.
- Injection engine. Synchro-cross-expansion engine.
- Internal combustion engine. Twin cylinder engine.
- Nondetonating engine. Two-cycle engine.
- Oil engine. Two-stroke combustion engine.
- Piston valve engine. U-type two-cycle engine.
- Engine. U. Belford. 2,108,740; Feb. 15.
- Engine. A. E. Christenson. 2,131,616; Sept. 27.
- Engine. E. R. Jacoby. 2,124,702; July 26.
- Engine. E. Kottsieper. 2,124,196; July 19.
- Engine. O. C. Linthwaite. 2,127,743; Aug. 23.
- Engine. M. Lothrop. 2,127,692; Aug. 23.
- Engine. H. L. Lyon. 2,135,520; Nov. 8.
- Engine. R. E. Mayo and E. W. Jackson. 2,123,433; July 12.
- Engine. M. J. Murphy. 2,139,170; Dec. 6.
- Engine. N. C. Price and M. Lothrop. 2,107,389; Feb. 8.
- Engine. C. G. A. Rosen. 2,106,920; Feb. 1.
- Engine. C. G. A. Rosen. 2,106,932; Feb. 1.
- Engine. C. G. A. Rosen. 2,109,735; Mar. 1.
- Engine. C. G. A. Rosen. 2,109,783; Mar. 1.
- Engine. C. F. Smith. 2,137,730; Nov. 22.
- Engine accessory drive. R. Chilton. 2,127,460; Aug. 16.
- Engine and piston pump actuated thereby, Double cylinder water pressure. U. Wolfrom and F. Koehler. 2,141,731; Dec. 27.
- Engine and pump, Rotary. R. J. F. Moore. 2,135,760; Nov. 8.
- Engine assembly. J. O. Heinze. 2,117,662; May 17.
- Engine attachment. E. B. Sharrard. 2,114,240; Apr. 12.
- Engine blower drive and control. E. S. Bush. 2,106,237; Jan. 25.
- Engine brake. J. T. and C. F. Rauen. 2,124,081; July 19.
- Engine compressor unit. E. C. Jones. 2,133,769; Oct. 18.
- Engine construction. J. R. Rippe. 2,113,904; Apr. 12.
- Engine construction, Internal combustion. G. H. Blettner. 2,104,892; Jan. 11.
- Engine control. D. R. Staples. 2,124,756; July 26.
- Engine control apparatus. J. B. Dyer. 2,105,643; Jan. 18.
- Engine control, Automatic. J. Good. 2,120,555; June 14.
- Engine control, Deck. M. G. Cook. 2,139,727; Dec. 13.
- Engine control, Elastic fluid. R. G. Standerwick. 2,124,435; July 19.
- Engine control, Internal combustion. L. C. Cox and J. Carisi. 2,125,066; July 26.
- Engine control system, Automotive. J. Good. 2,118,401; May 24.
- Engine cooling and heating means for motor vehicles. W. A. Kysor. 2,105,193; Jan. 11.
- Engine cooling device. J. Schmeller, Sr. 2,125,958; Aug. 9.
- Engine cooling means. R. B. Beisel. 2,134,774; Nov. 1.
- Engine cooling system. J. R. Holmes. 2,133,514; Oct. 18.
- Engine cooling system and structure. C. L. Blanton. 2,124,523; July 26.
- Engine cooling system, Internal combustion. D. J. Campbell. 2,121,015; June 21.
- Engine cowlings. K. Campbell. 2,119,221; May 31.
- Engine cylinder. O. Mader. 2,127,825; Aug. 23.
- Engine fed through a radiator system, Supercharged. L. Birkigt. 2,136,964; Nov. 15.
- Engine for motor cars, Internal combustion. W. Seyerle. 2,138,618; Nov. 29.
- Engine frame. J. Pavlecka. 2,117,118; May 10.
- Engine frame. G. Pielstick. 2,117,036; May 10.
- Engine head, Internal combustion. E. A. Winfield. 2,126,939; Aug. 16.
- Engine hood cover. E. W. Dotten. 2,113,294; Apr. 5.
- Engine ignition system. A. A. Linsell. 2,134,053; Oct. 25.
- Engine, Insulating internal combustion. R. C. Cross. 2,109,633; Mar. 1.
- Engine intercooler, Aircraft. V. Higbie and R. W. Young. 2,137,399; Nov. 22.
- Engine, Internal combustion. A. J. Bocz. Re. 20,670; Mar. 15.
- Engine mounting. W. B. Stout. 2,124,088; July 19.
- Engine mounting. J. Tjaarda. 2,106,541; Jan. 25.
- Engine of the liquid fuel injection compression ignition type, Internal combustion. H. R. Ricardo. 2,113,711; Apr. 12.
- Engine of the opposed type, Free piston. H. Jänicke. 2,112,368; Mar. 29.
- Engine operated drill, Internal combustion. D. W. Little. 2,121,706; June 21.
- Engine power plant for driving vehicles, Combustion. H. Holzwarth. 2,118,814; May 31.
- Engine priming means. W. A. Parkins and A. H. Marshall. 2,118,570; May 24.
- Engine, pump, meter and the like. F. G. Foster and L. J. Lambe. 2,124,140; July 19.
- Engine, pump, or compressor of the swash or wobble plate types, Reciprocating. K. K. Turner. 2,105,019; Jan. 11.
- Engine rocker-arm lubrication, Internal combustion. A. V. D. Willgoos. 2,123,681; July 12.
- Engine starter drive. Y. Sekella. 2,118,768; May 24.
- Engine starting. F. E. Liverance, Jr. 2,117,066; May 10.
- Engine starting apparatus. J. W. Allen. 2,141,331; Dec. 27.
- Engine starting apparatus. A. Callsen. 2,133,534; Oct. 18.
- Engine starting apparatus. R. P. Lansing. 2,140,083; Dec. 13.
- Engine starting apparatus. H. A. Thornburg and J. V. Brown. 2,117,230; May 10.
- Engine starting device. D. Collins. 2,108,579; Feb. 15.
- Engine starting, Facilitating. J. H. Hammond, Jr. 2,125,610; Aug. 2.
- Engine starting means. C. G. A. Rosen. 2,119,794; June 7.
- Engine starting mechanism. H. Baer. 2,141,334; Dec. 27.
- Engine starting mechanism. R. P. Lansing. 2,140,405; Dec. 13.
- Engine starting mechanism. R. M. Nardone. 2,140,965; Dec. 20.
- Engine starting mechanism. F. A. Stein. 2,117,225; May 10.
- Engine structure. H. Hirth. 2,119,104; May 31.
- Engine structure. J. Pavlecka. 2,117,117; May 10.
- Engine synchronizer, Airplane. B. G. Carlson. 2,104,582; Jan. 4.
- Engine synchronizer and tachometer. A. Urfer. 2,125,409; Aug. 2.
- Engine synchronizer indicator. A. Urfer. 2,125,408; Aug. 2.
- Engine to the use of oil as fuel, Means for adapting a gasoline. C. Hansen and P. Besner. 2,141,435; Dec. 27.
- Engine transmission, Motorcycle. M. W. Anthony. 2,127,384; Aug. 16.
- Engine valve. R. H. Daisley. 2,135,966; Nov. 8.
- Engine valve guide, Self-sealing. G. W. Douglas and J. J. Dewey. 2,112,832; Apr. 5.
- Engine with a gyrotary piston, Rotary. A. Heerde. 2,104,517; Jan. 4.
- Engine with auxiliary piston, Internal combustion. H. Buchwalder. 2,118,153; May 24.
- Engine with crimped members, Jordan. A. L. Bolton. 2,120,482; June 14.
- Engine with radially arranged working cylinders and piston scavenging pumps. I. Zeissl. 2,123,325; July 12.
- Engines at different speeds of revolution, Device for regulating the running of injection. E. Schimauek. 2,117,105; May 10.
- Engines, Attachment for internal combustion. M. Dach. 2,122,977; July 5.
- Engines, Controlling the cooling system of internal combustion. J. Flamm. 2,134,662; Oct. 25.
- Engines, Controlling the starting of internal combustion. R. G. Fulcher and W. T. Carle. 2,119,672; June 7.
- Engines, Cooling of aircraft. J. Lloyd. 2,112,727; Mar. 29.
- Engines, Device for internal combustion. M. Dach. 2,119,202; May 31.
- Engines employing liquid fuel injection and compression ignition, Internal combustion. H. R. Ricardo. 2,112,787; Mar. 29.
- Engines, Facilitating starting of internal combustion. J. V. Gil. 2,137,482; Nov. 22.



- Engines having regulation of charge quantities, Operating internal combustion. P. Rieppel and S. Grantz. 2,132,646; Oct. 11.
- Engines, Injection device for internal combustion. L. H. L. Bellem. 2,124,133; July 19.
- Engines, Lubricating enclosed. R. H. Money. 2,125,645; Aug. 2.
- Engines, Method and apparatus for operating internal combustion. W. E. Leibing. 2,114,655; Apr. 19.
- Engines, Precombustion chamber for Diesel. F. Nallinger. 2,118,895; May 31.
- Engines, Scavenging of two-stroke internal combustion. A. Bokemüller. 2,113,979; Apr. 12.
- Engines, Starting internal combustion. A. Callsen. 2,123,711; July 12.
- Engines to suction motors, Connecting internal combustion. F. H. Stroup. 2,134,215; Oct. 25.
- Engines with mixtures of ammonia, hydrogen, and nitrogen prepared from ammonia, Device for operating internal combustion. M. Zavka. 2,140,254; Dec. 13.
- Engraved plates, Apparatus for conditioning. F. R. Edes and F. M. Martin. 2,122,198; June 28.
- Engraving and allied machine. P. M. Henkes. 2,128,611; Aug. 30.
- Engraving apparatus. E. J. Cook. 2,127,160-1; Aug. 16.
- Engraving apparatus. E. J. Cook. 2,140,985; Dec. 20.
- Engraving block attachment for holding hollow ware. S. S. Mullins. 2,130,286; Sept. 13.
- Engraving machine. G. Gorton, P. M. Henkes and F. Steinbrecker. 2,110,873; Mar. 15.
- Engraving machine. K. Zwick. 2,132,452; Oct. 11.
- Engraving plate, Zinc alloy. W. H. Finkeldey. 2,141,813; Dec. 27.
- Enlarging apparatus. L. Leitz and C. Luz. 2,123,510; July 12.
- Enol and thienol ethers and esters, Basically substituted. K. Westphal and H. Klös. 2,119,802; June 7.
- Ensilage cutting machine. W. H. Preston. 2,115,234; Apr. 26.
- Entrance device, Service. S. R. Fralick. 2,139,742; Dec. 13.
- Enunciator. H. F. Buses and J. N. Huser. 2,104,895; Jan. 11.
- Envelope. J. W. Bear and R. R. Sublette. Re. 20,615; Jan. 11.
- Envelope. F. L. Jarvis. 2,139,958; Dec. 13.
- Envelope. M. Kahn. 2,128,748; Aug. 30.
- Envelope. H. H. Reineman. 2,129,705; Sept. 13.
- Envelope. L. L. Selezneff. 2,108,451; Feb. 15.
- Envelope. M. Vogel. 2,128,196; Aug. 23.
- Envelope. C. R. Whipple. 2,131,575; Sept. 27.
- Envelope, Air filter. G. Slayter. 2,118,271; May 24.
- Envelope and return mailing device, Combination. C. K. Miller. 2,107,450; Feb. 8.
- Envelope, Bank deposit. E. B. Berkowitz. 2,129,192; Sept. 6.
- Envelope, Bank deposit or like. E. B. Berkowitz. 2,112,227; Mar. 29.
- Envelope construction. R. H. Hemphill. 2,141,084; Dec. 20.
- Envelope, Double sealed safety. E. B. Berkowitz. 2,112,748; Mar. 29.
- Envelope, Dry-sealing. V. E. Heywood. 2,114,380; Apr. 19.
- Envelope, Dry-sealing. V. E. Heywood. 2,118,706; May 24.
- Envelope filling and closing mechanism. J. T. Dalton. 2,109,988; Mar. 1.
- Envelope, Film. N. P. Billing and A. H. Tapper. 2,137,379; Nov. 22.
- Envelope, Film. N. P. Billing and A. G. Willis. 2,137,380; Nov. 22.
- Envelope forming machine. L. L. Salfisberg. 2,140,599; Dec. 20.
- Envelope handling machine. E. J. Dummer and E. L. Pinder. 2,136,786; Nov. 15.
- Envelope machine. A. Novick. 2,106,255; Jan. 25.
- Envelope machine. A. Novick. 2,113,555; Apr. 5.
- Envelope machine. A. Novick. 2,127,568; Aug. 23.
- Envelope machine. A. Novick. 2,131,748; Oct. 4.
- Envelope machine. A. Novick. 2,139,514; Dec. 6.
- Envelope machine. A. Novick. 2,140,112; Dec. 13.
- Envelope machine. E. C. Sauerman. 2,123,548; July 12.
- Envelope machine. E. C. Sauerman. 2,134,379; Oct. 25.
- Envelope moistener and sealer. R. C. Plynt. 2,121,160; June 21.
- Envelope, Moistureproof. E. B. Berkowitz. 2,139,654; Dec. 13.
- Envelope, Sanitary sandwich. J. Nagle. 2,127,631; Aug. 23.
- Envelope sealing device. R. G. Duffield, Jr. 2,114,874; Apr. 19.
- Envelope sealing machine. F. H. Morrison. 2,113,738; Apr. 12.
- Envelope, Self-sealing. E. B. Berkowitz. 2,114,367; Apr. 19.
- Envelope, Tuck flap. E. B. Berkowitz. 2,132,012; Oct. 4.
- Envelopes and method relating thereto, Apparatus for feeding. W. Ritterfeld. 2,130,101; Sept. 13.
- Envelopes, bags, and other like articles, Process and apparatus for the manufacture of. A. Winkler and M. Dünnebier. 2,132,227; Oct. 4.
- Envelopes, bags, and similar articles, Process and apparatus for the manufacture of. M. Dünnebier. 2,119,951; June 7.
- Envelopes, Manufacture of evacuated metal. C. Eddison. 2,141,644; Dec. 27.
- Envelopes or the like, Forming window. R. L. Gray. 2,120,686; Sept. 13.
- Enzymatic preparation from animal organs, Producing dry. H. Huber and R. Laster. 2,132,167; Oct. 4.
- Enzymes and technically useful microorganisms and the like, Influencing. P. Liebesny and H. Wertheim. 2,107,830; Feb. 8.
- Ephedrine composition. D. H. Grant. 2,115,848; May 3.
- Epicycle engine. J. Schlitz. 2,128,330; Aug. 30.
- Epicyclic transmission gear. P. A. Scott-Iversen. 2,113,479; Apr. 5.
- Equalizer for automobile mechanical brakes, Hydraulic. W. Feigley. 2,123,102; July 5.
- Equalizer for vehicle brakes, Hydraulic. J. E. Hulse. 2,133,196; Oct. 11.
- Equalizing valve. N. O. Johnston. 2,129,216; Sept. 6.
- Eraser. G. H. Daviau. 2,128,524; Aug. 30.
- Eraser. G. F. Voight. 2,136,093; Nov. 8.
- Eraser appliance. A. Pestel. 2,132,643; Oct. 11.
- Eraser for typewriters. G. R. O'Neal. 2,107,209; Feb. 1.
- Eraser holder. J. Bachrach. 2,112,130; Mar. 22.
- Eraser holder. A. S. Dysart. 2,129,831; Sept. 13.
- Eraser holder. T. E. T. Mosher. 2,117,443; May 17.
- Eraser, Typewriter. F. C. Schnabel. 2,132,906; Oct. 11.
- Erasing attachment for typewriters. L. Wilner. 2,113,437; Apr. 5.
- Erasing attachment, Typewriter. M. Booth. 2,123,877; July 19.
- Erasing device. C. Frederick. 2,115,806; May 3.
- Erasing machine. E. W. Billings, Jr. 2,114,462; Apr. 19.
- Erasing machine, Electric. L. J. Misuraca. 2,123,339; July 12.
- Ergot alkaloids, Separating mixed. W. H. Kuessner. 2,114,306; Apr. 19.
- Ergot product, Purified. M. R. Thompson. 2,120,635; June 14.
- Erosion controlling implement. P. Anderson. 2,113,341; Apr. 5.
- Escalator. P. Dennerlein. 2,127,164; Aug. 16.
- Escapement. F. Eibert. 2,108,112; Feb. 15.
- Escapement. E. E. Taliaferro. 2,133,216; Oct. 11.
- Escutcheon, Handle assembly. S. C. Barnes. 2,104,217; Jan. 4.
- Escutcheon plate or the like. M. Falk. 2,114,340; Apr. 19.
- Ester composition containing dipropionate of a polyethylene glycol, Cellulose. L. W. A. Meyer. 2,124,884; July 26.
- Ester compositions, Butyl. L. P. Kyrides. 2,120,755; June 14.
- Ester compositions containing higher fatty acid esters, Cellulose mixed. H. B. Smith. 2,108,452; Feb. 15.
- Ester compositions containing toluene and an alcohol, Cellulose mixed. C. J. Malm and C. L. Fletcher. 2,113,305; Apr. 5.
- Ester compositions, Methyl. L. P. Kyrides. 2,120,756; June 14.
- Ester derivatives of glycol, Mixed. H. L. Cox and T. F. Carruthers. 2,106,703; Feb. 1.
- Ester foils or sheets, Production of cellulose. K. Nagel and L. Scheffer. 2,130,149; Sept. 13.
- Ester interchange process. H. J. Barrett. 2,109,877; Mar. 1.
- Ester salts, Production of alkyl. A. J. van Peski and A. J. Tulleners. 2,139,393; Dec. 6.
- Ester synthesis process. J. C. Woodhouse. 2,135,447; Nov. 1.
- Esterification process. J. Stein. 2,134,537; Oct. 25.
- Esters and of explosives, Manufacture of nitric acid. O. Matter. 2,125,941; Aug. 9.
- Esters, and their derivatives or homologues or mixtures of these substances, Polymerization of vinyl. H. Plauson. 2,127,135; Aug. 16.
- Esters, Cellulose. R. Hoffmann. 2,126,190; Aug. 9.
- Esters, Coloring cellulose. A. Wingler, H. Ohlendorf, and H. Lange. 2,139,787; Dec. 13.
- Esters containing decarboxylic acid radicals, Preparation of cellulose. L. B. Genuing. 2,126,460; Aug. 9.
- Esters, Derivatives of phenyl phenyl. W. G. Christiansen and S. E. Harris. 2,141,172; Dec. 27.
- Esters, Electrolytic production of. P. V. Ohman. 2,130,813; Sept. 20.
- Esters, especially of ethyl acetate, Manufacture of. H. M. Guinot. 2,130,613; Nov. 15.
- Esters from impure phthalic acid, Production of phthalic. A. O. Jaeger and H. J. West. 2,139,614; Sept. 13.
- Esters from phenolaldehyde resins, Preparing mixed. H. T. Bucherer. 2,124,285; July 19.
- Esters, Lowering the viscosity of hydrolyzed cellulose. C. J. Malm. 2,126,180; Aug. 9.
- Esters, Making phenolite. O. A. Cherry. 2,134,388; Oct. 25.
- Esters, Manufacture of high viscosity cellulose. C. J. Malm. 2,121,808; June 28.
- Esters, Obtaining high grade sulphuric acid. K. Cremer. 2,127,611; Aug. 23.
- Esters of acetic acid. H. T. Neher. 2,117,349; May 17.
- Esters of amino alcohols, in which the amino group is tertiary, and product, Polymerizing methacryle. J. Harmond. 2,138,762; Nov. 20.



- Esters of C-dialkyl glycines. R. A. Jacobson. 2,135,641; Nov. 8.
- Esters of cellulose and their preparation. C. Dreyfus and W. Whitehead. 2,138,146; Nov. 29.
- Esters of cellulose, Hydrolysis of mixed. C. J. Malm and L. W. Blanchard, Jr. 2,132,871; Oct. 11.
- Esters of cellulose, Increasing the viscosity of organic acid. C. J. Malm. 2,126,488; Aug. 9.
- Esters of cellulose, Manufacture of higher mixed. C. R. Fordyce and J. Emerson. 2,113,300; Apr. 5.
- Esters of cellulose, Preparation of low viscosity. C. J. Malm and C. L. Fletcher. 2,113,304; Apr. 5.
- Esters of cellulose, Preparation of mixed. C. J. Malm. 2,135,979; Nov. 8.
- Esters of cellulose, Refining organic acid. D. E. Northrop and R. C. Burton. 2,140,543; Dec. 20.
- Esters of cellulose, Saponification of organic. H. Dreyfus. 2,129,995; Sept. 13.
- Esters of dibasic acids, Chloroether. H. A. Bruson. 2,120,544; June 14.
- Esters of dicarboxylic acids, Mixed alkyl-alkanonyl. L. P. Kyrides. 2,119,993; June 7.
- Esters of dithiocarbamic acids. E. W. Bousquet. 2,127,375; Aug. 16.
- Esters of glycol ethers. H. L. Cox and T. F. Carruthers. 2,132,679; Oct. 11.
- Esters of glycols, Making. G. H. Coleman and G. V. Moore. 2,115,905; May 3.
- Esters of high molecular weight. H. Neresheimer, A. Vilsmeier, and K. Heymann. 2,135,259; Nov. 1.
- Esters of higher alcohols, Mixed. H. Bertsch. 2,114,043; Apr. 12.
- Esters of hydrogenated abietyl alcohol and method of producing. I. W. Humphrey. 2,130,740; Sept. 20.
- Esters of hydrogenated abietyl alcohol and producing. I. W. Humphrey. 2,139,588; Dec. 6.
- Esters of inorganic acids, Purification of. T. H. Vaughn. 2,114,866; Apr. 19.
- Esters of leucoacylamino-anthrapyrimidines. K. Koerberle, W. Muenster, and W. Schneider. 2,117,431; May 17.
- Esters of methacrylic acid. H. J. Barrett and D. E. Strain. 2,129,662-8; Sept. 13.
- Esters of methacrylic acid. G. D. Graves. 2,129,685; Sept. 13.
- Esters of methacrylic acid. E. F. Izard. 2,129,694; Sept. 13.
- Esters of methacrylic acid. J. C. Woodhouse. 2,129,722; Sept. 13.
- Esters of methacrylic acid, Production of. D. J. Loder. 2,111,509; Mar. 15.
- Esters of para-hydroxyphenyliminodi acetic acid. H. T. Clarke and F. R. Bean. 2,122,409; July 5.
- Esters of phosphorus acids, Naphthenyl. P. L. Salzberg. 2,121,611; June 21.
- Esters of pine wood pitch and producing. E. G. Peterson. 2,138,193; Nov. 29.
- Esters of polycarboxylic acids, Sulphated. J. H. Wernitz. 2,104,782; Jan. 11.
- Esters of polyglycols and their ethers and compositions containing the same. B. Anderson and A. F. Caprio. 2,115,700; May 3.
- Esters of polymerized organic compounds. A. J. van Peski. 2,139,394; Dec. 6.
- Esters of pseudotropine and their production. O. Wolfes and O. Hromatka. 2,127,547; Aug. 23.
- Esters of salicylic acid, Manufacture of. W. E. Huggett. 2,141,985; Dec. 27.
- Esters of substituted alkylaminoalkanols, Carbanilic acid. W. G. Christiansen and S. E. Harris. 2,137,042; Nov. 15.
- Esters of sulphato-carboxylic acids. J. H. Wernitz. 2,121,617; June 21.
- Esters of testosterone and making same. K. Miescher, A. Wettstein, and C. Scholz. 2,109,400; Feb. 22.
- Esters of the anthraquinone series, Leuco. W. Muenster, W. Bauer, K. Boeberle, and M. Bertl. 2,135,258; Nov. 1.
- Esters of 2-chloroallyl alcohol, Unsaturated. G. H. Coleman and B. C. Hadler. 2,127,660; Aug. 23.
- Esters of unsaturated aliphatic monocarboxylic acids. G. D. Graves and R. E. Thomas. 2,109,943; Mar. 1.
- Esters of urea-alkylene oxide condensation products. M. De Groote. 2,123,718; July 12.
- Esters, Preparing aliphatic. D. J. Loder. 2,135,449; Nov. 1.
- Esters, Preparation and recovery of aliphatic. A. T. Larson. 2,134,450; Nov. 1.
- Esters, Producing coeroxenol. T. A. Cassidy. 2,127,107; Aug. 16.
- Esters, Producing substituted acrylic acid. C. Ellis. 2,124,272; July 19.
- Esters, Stabilization of cellulose. O. Sindl and G. Frank. 2,127,789; Aug. 23.
- Esters, Thioacyano-fatty acid. A. K. Epstein and B. R. Harris. 2,123,186; July 12.
- Etching, Apparatus for electrical. J. Honert. 2,106,455; Jan. 25.
- Etching machine, Electrical. G. F. Johnstone. 2,110,487; Mar. 8.
- Ethane, Chlorination of. J. H. Reilly. 2,140,547; Dec. 20.
- Ethanol, Production of morpholine. A. L. Wilson. 2,105,828; Jan. 18.
- Ether acid esters of higher alcohols. C. O. North. 2,109,947; Mar. 1.
- Ether and esters, Hydrogenation of unsaturated. H. P. A. Groll and J. Burgin. 2,122,812; July 5.
- Ether esters, Aralkyl. S. L. Bass and E. M. Van Duzee. 2,128,901; Sept. 6.
- Ether, Manufacture of isopropyl. R. Rosen, H. E. Buc, and R. B. Lebo. 2,105,508; Jan. 18.
- Ether of triethylene glycol, Diethyl. H. L. Cox. 2,122,129; June 28.
- Ether, Preparation of divinyl. W. A. Lott. 2,136,387; Nov. 15.
- Ether, Purification of. W. G. Christiansen and W. A. Lott. 2,121,019; June 21.
- Ether, Treatment and packaging of. F. W. Nitardy. 2,138,039; Nov. 29.
- Ethers and making same, Acylated. H. A. Bruson and J. W. Eastes. 2,132,675; Oct. 11.
- Ethers, Aralkyl. S. L. Bass and E. M. Van Duzee. 2,121,723; June 21.
- Ethers, Cellulose hydroxy. G. W. Seymour and V. S. Salvin. 2,134,895; Nov. 1.
- Ethers, Diphenyl hydroxy alkyl. G. H. Coleman and J. W. Zemba. 2,130,526; Sept. 20.
- Ethers from reactive acid liquor. F. M. Archibald and H. G. Schneider. 2,131,030; Sept. 27.
- Ethers, Hydration of. C. W. Rehm. 2,115,874; May 3.
- Ethers, Mixed tertiary. T. Evans and K. R. Edlund. 2,139,359; Dec. 6.
- Ethers of ethyl-phenol compounds, Aralkyl. S. L. Bass and E. M. Van Duzee. 2,121,724; June 21.
- Ethers of ethylene glycol, Chloro-aryl. G. H. Coleman and G. B. Stratton. 2,130,990; Sept. 20.
- Ethers of high molecular carbohydrates, Aralkyl. K. Meinel. 2,141,721; Dec. 27.
- Ethers of hydrogenated hydroxy diphenyl compounds, Hydroxy alkyl. G. H. Coleman and J. W. Zemba. 2,130,525; Sept. 20.
- Ethers of hydroxy benzoates, Aralkyl. S. L. Bass and E. M. Van Duzee. 2,128,902; Sept. 6.
- Ethers of hydroxy-diphenyl compounds, Hydroxy-alkyl. G. H. Coleman and J. Zemba. 2,130,527; Sept. 20.
- Ethers of morphine and dihydromorphine and their respective N-oxides. L. F. Small. 2,104,058; Jan. 4.
- Ethers of phenyl phenols, Hydroxy-alkyl. C. C. Vernon. 2,140,824; Dec. 20.
- Ethers of the hydroxy-benzoates, Aralkyl. E. M. Van Duzee and S. L. Bass. 2,128,975; Sept. 6.
- Ethers of 2-methyl-3-chloro-tetrahydrofuran, Manufacture of. M. Klingenfuss. 2,123,653; July 12.
- Ethers, Preparation of cellulose. E. J. Lorand. 2,130,998; Sept. 20.
- Ethers, Reduction of cyclic. W. A. Lazier. 2,130,501; Sept. 20.
- Ethers, Stabilization of aliphatic mixed. T. Evans. 2,114,832; Apr. 19.
- Ethers suitable as dispersing agents and of preparations therefrom, Production of. C. Schoeller and J. Nuesslein. 2,133,480; Oct. 18.
- Ethyl chloride, Preparation of. J. L. Amos. 2,140,500; Dec. 20.
- Ethyl chloride, Preparation of. L. C. Chamberlain and J. L. Williams. 2,125,284; Aug. 2.
- Ethyl chloride, Preparation of. J. E. Pierce. 2,140,927; Dec. 20.
- Ethyl chloride, Preparation of. W. E. Roush and W. B. Morrell. 2,110,141; Mar. 8.
- Ethyl chloride, Production of. W. Baumann and J. Hirschbeck. 2,118,662; May 24.
- Ethyl chloride, Production of. L. C. Chamberlain, Jr., J. L. Amos, and J. L. Williams. 2,140,508; Dec. 20.
- Ethyl Chloride, Production of. L. C. Chamberlain, Jr., J. L. Williams, and R. D. Blue. 2,140,507; Dec. 20.
- Ethylene bromide, Preparation of. G. F. Dressel and C. E. Short. 2,108,011; Feb. 8.
- Ethylene chloride, Chlorination of. J. H. Reilly. 2,140,548; Dec. 20.
- Ethylene from oil, Manufacture of. T. Nagel. 2,111,899-900; Mar. 22.
- Ethyleneglycol di-(halo-aryloxy-acetates). E. F. Grether, W. R. Shawver, and R. B. Du Vall. 2,121,226; June 21.
- Ethynol carbinols, Preparation of. A. D. Macallum. 2,125,384; Aug. 2.
- Ethynyl carbinols and preparing the same. O. R. Kreimeier. 2,106,181; Jan. 25.
- Ethynylhydroxycarboxylic acids, lactones thereof and preparing them. O. R. Kreimeier. 2,122,719; July 5.
- Evacuated receptacle. A. J. Kling. 2,125,113; July 26.
- Evaporation meter. O. T. Clorius. 2,107,628; Feb. 8.
- Evaporative condenser. F. R. Erbach. 2,117,411; May 17.
- Evaporator. R. V. Cook. 2,106,295; Jan. 25.
- Evaporator. W. W. Higham and S. H. Morse. 2,138,525; Nov. 29.
- Evaporator. J. Kirgan. 2,109,885; Mar. 1.
- Evaporator. K. Lahl and K. Kstr. 2,117,337; May 17.
- Evaporator. E. Nibbs. 2,128,469; Aug. 30.
- Evaporator, Diaphragm type. L. M. Crosley and R. H. Money. 2,108,744; Feb. 15.
- Evaporator distributor head. E. Witzel. 2,126,364; Aug. 9.
- Evaporator for refrigerating machines. L. W. Atchison. 2,118,637; May 24.
- Evaporator for refrigerating machines. C. Steenstrup. 2,117,861; May 17.



- Evaporator, Refrigerant. D. F. Newman. 2,136,249; Nov. 8.
- Evaporator, Refrigeration. L. C. Smith. 2,133,929; Oct. 18.
- Examination paper grading device (electrical). R. B. Johnson. 2,113,620; Apr. 12.
- Excavating and prospecting tool. F. C. Chew. 2,121,858; June 28.
- Excavating device or booster, Hydraulic. W. H. Schacht. 2,125,740; Aug. 2.
- Excavating machine. F. W. Allan. 2,114,327; Apr. 19.
- Excavating machine. K. R. Bixby. 2,139,254-5; Dec. 6.
- Excavating machine. G. Jacobs. 2,104,928; Jan. 11.
- Excavating machine, Roadway. J. J. Low. 2,126,791; Aug. 16.
- Excavator. H. Lundstrom. 2,107,895; Feb. 8.
- Excavator. R. S. Weimer. 2,110,186; Mar. 8.
- Excavator, Crane. R. B. Dorward. 2,121,189; June 21.
- Excavator, Pull shovel. A. Carlesimo. 2,106,402; Jan. 25.
- Excavator, Roadway snow. E. K. Smeal. 2,109,094; Feb. 22.
- Excess flow and check valve, Combination. R. W. Thomas. 2,121,936; June 28.
- Excitation system for dynamo-electric machines. E. Schröter. 2,111,408; Mar. 15.
- Excitation system for vapor electric converters. D. D. Knowles. 2,112,031; Mar. 22.
- Exercise device. J. G. Begley. 2,126,443; Aug. 9.
- Exercise device. H. E. Riley. 2,131,570; Sept. 27.
- Exercise. H. L. Hussmann. 2,104,927; Jan. 11.
- Exercise, Physical. A. W. Chapman. 2,106,994; Feb. 1.
- Exercising apparatus. J. H. Pilates. 2,132,862; Oct. 11.
- Exercising device. M. Broberg. 2,123,765; July 12.
- Exercising device. H. F. Heller. 2,117,957; May 17.
- Exercising device. N. Mogren. 2,134,451; Oct. 25.
- Exercising device. W. Schenk. 2,118,114; May 24.
- Exercising device. J. G. Venables. 2,114,790; Apr. 19.
- Exercising machine. H. J. Marlowe. 2,107,447; Feb. 8.
- Exercising machine. H. J. Marlowe. 2,107,449; Feb. 8.
- Exercising machine. W. A. Schollmeyer. 2,128,332; Aug. 30.
- Exhaust detector for stop motion mechanism in winding machines. E. R. Alderman. 2,134,017; Oct. 25.
- Exhaust device for explosion or internal combustion engines. M. Kadenacy. 2,110,986; Mar. 15.
- Exhaust valve, Auxiliary. F. H. Stroup. 2,124,407; July 19.
- Exhausting apparatus. C. S. Gabrielsen. 2,110,991; Mar. 15.
- Exhibiting and advertising device. H. W. Taylor. 2,130,437; Sept. 20.
- Exhibiting and viewing apparatus. M. S. Croft. 2,113,397; Apr. 5.
- Exhibiting instrument. R. W. Ross and S. H. Seberhagen. 2,113,748; Apr. 12.
- Exhibiting instrument. W. R. Schofield, Jr. 2,124,832; July 26.
- Exhibiting machine. R. L. L. Warner. 2,117,045; May 10.
- Exhibitor, Changeable. C. M. Dennis. 2,112,692; Mar. 29.
- Exhibitor, Changeable. C. A. Loewenstein. 2,141,398; Dec. 27.
- Exhibitor, Coin-controlled advertisement. A. E. Tessier. 2,111,340; Mar. 15.
- Exhibitor, Electrically controlled changeable. J. Hutchinson. 2,113,323; Apr. 5.
- Exhibitor, Reversible changeable. J. Hutchinson. 2,113,324; Apr. 5.
- Exothermic device. F. Racen. 2,110,677; Mar. 8.
- Expander for piston rings, Spring. S. Nixon. 2,112,425; Mar. 29.
- Expanding power means. L. M. Persons. 2,139,034; Dec. 6.
- Expanding tool. G. D. Buck. 2,115,251; Apr. 26.
- Expandable clamp. C. D. Ulrich. 2,137,315; Nov. 22.
- Expandable cutter tool. G. D. Johnson. 2,116,898; May 10.
- Expandable cutter tool. J. W. MacClatchie, G. D. Johnson, and C. A. Thies. 2,116,903; May 10.
- Expansion circuit, Receiver volume range. D. E. Foster. 2,112,278; Mar. 29.
- Expansion joint. H. M. Austin. 2,127,853; Aug. 23.
- Expansion joint. A. Fabbro. 2,131,798; Oct. 4.
- Expansion joint. J. W. Heltzel. 2,106,095; Jan. 18.
- Expansion joint. J. W. Heltzel. 2,133,387; Oct. 18.
- Expansion joint. E. Hutzenlaub. 2,115,682; Apr. 26.
- Expansion joint. H. C. Jussen and V. V. Malcolm. 2,104,371; Jan. 4.
- Expansion joint. D. Roberts. 2,139,851; Dec. 13.
- Expansion joint. R. R. Robertson. 2,121,573; June 21.
- Expansion joint. L. Wittenberg. 2,122,167; June 28.
- Expansion joint, Air-cooled steam pipe. F. J. Topping. 2,127,073; Aug. 16.
- Expansion joint, Double dowel bar. R. R. Robertson. 2,121,303; June 21.
- Exploding splitting tool. R. B. Hutchinson. 2,132,111; Oct. 4.
- Explosion chambers, Apparatus for charging constant volume. U. Meininghaus. 2,121,812; June 28.
- Explosive. J. W. Avers. 2,140,417; Dec. 13.
- Explosive. I. W. D. Hackh and J. D. McLeod. 2,110,220; Mar. 8.
- Explosive. N. G. Johnson. 2,117,173; May 10.
- Explosive. H. A. Lewis and F. R. Wilson. 2,107,157; Feb. 1.
- Explosive. H. A. Lewis and F. R. Wilson. 2,124,202; July 19.
- Explosive. M. F. Lindsley, Jr. 2,126,401; Aug. 9.
- Explosive. D. C. McMeans. 2,109,049; Feb. 22.
- Explosive. R. A. Tapley. 2,131,574; Sept. 27.
- Explosive, Ammonium nitrate. T. W. Hauff and W. E. Kirst. 2,125,161; July 28.
- Explosive and manufacture thereof. R. W. Cairns. 2,130,712; Sept. 20.
- Explosive, Blasting. M. A. Nice. 2,120,503; June 14.
- Explosive charges, Device for distant firing of. M. Schlumberger. 2,141,827; Dec. 27.
- Explosive composition and production. H. A. Lewis and C. A. Woodbury. 2,124,201; July 19.
- Explosive device. G. E. Barnhart. 2,137,436; Nov. 22.
- Explosive device, Blasting. J. Taylor and W. Young. 2,129,388; Sept. 6.
- Explosive, Liquid oxygen. G. B. Holderer. 2,119,050; May 31.
- Explosive, Molded. J. E. Slusser. 2,129,508; Sept. 6.
- Explosive package. N. G. Johnson. 2,138,603; Nov. 29.
- Explosive, Primary detonating. L. R. Carl. 2,127,106; Aug. 16.
- Explosive, Propellant. H. N. Marsh. 2,131,061; Sept. 27.
- Explosive, Propellant. H. N. Marsh. 2,131,352-4; Sept. 27.
- Explosive, Propellant. H. N. Marsh. 2,131,383; Sept. 27.
- Explosively actuated tool. R. Temple, Jr. 2,140,214; Dec. 13.
- Explosives for the production of ribbon- or rod-shaped pieces, Apparatus for the treatment of plastic. H. Bille. 2,116,007; May 3.
- Explosives, Gelatinous or semigelatinous blasting. V. H. Williams and G. W. Foster. 2,128,367; Sept. 6.
- Explosives, Manufacture of. W. A. P. Challenor and G. A. Scott. 2,140,897; Dec. 20.
- Exposure meter. H. Joachim. 2,117,004; May 10.
- Exposure meter. L. Leitz. 2,112,701; Mar. 29.
- Exposure meter. L. Leitz. 2,117,734; May 17.
- Exposure meter. J. Mihalyi and N. B. Green. 2,105,255; Jan. 11.
- Expressing press. A. W. French, Jr. 2,122,202; June 28.
- Extensible handle. C. H. Nehls. 2,141,659; Dec. 27.
- Extensible table. F. T. Parrish and A. J. Frazee. 2,135,836; Nov. 8.
- Extension device. S. O. Myrberg. 2,141,068; Dec. 20.
- Extension device. S. O. Myrberg and G. U. Meyer. 2,110,772; Mar. 8.
- Extension for fishing lines. C. J. Brotsker and C. C. Meyer. 2,109,967; Mar. 1.
- Extension for trucks and trailers, Telescoping. R. H. Tull. 2,119,800; June 7.
- Extension leaf table. J. C. Viehmann. 2,139,140; Dec. 6.
- Extension table. A. Ashkenas. 2,119,000; May 31.
- Extensometer. R. B. Lewis. 2,108,696; Jan. 25.
- Exterminating corn beetles and other vermin. W. Freyberg and W. Haupt. 2,117,158; May 10.
- External combustion engine. F. M. Brooke. 2,131,216; Sept. 27.
- External combustion engine. R. A. Jones. 2,134,334; Oct. 25.
- Extinguisher. J. Humblet. 2,106,430; Jan. 25.
- Extract of cascara sagrada or the like, Making. E. D. Davy. 2,110,205-6; Mar. 8.
- Extracting and filtering apparatus. L. F. Ehlers. 2,120,860; June 14.
- Extraction. H. Scholler. 2,123,212; July 12.
- Extraction process. A. P. Anderson. 2,131,427; Sept. 27.
- Extraction process. F. C. Cutting. 2,111,360; Mar. 15.
- Extraction process. H. Ehl. 2,114,524; Apr. 19.
- Extraction process. M. E. Spaght. 2,110,311; Mar. 8.
- Extraction process. S. Timstra. 2,139,392; Dec. 6.
- Extraction process. W. J. D. van Dijk. 2,107,681; Feb. 8.
- Extractor: See—
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| Automobile extractor.  | Mixer and fruit juice extractor. |
| Centrifugal extractor. |                                  |
| Corn extractor.        | Screw extractor.                 |
| Fruit juice extractor. | Tomato juice extractor.          |
| Juice extractor.       |                                  |
- Extractor and centrifugal method, Centrifugal. E. L. Miller. 2,119,641; June 7.
- Extractor and mixer, Combined juice. E. J. Oesch. 2,117,496; May 17.
- Extractor feeder. H. Roberts, Jr. 2,127,423; Aug. 10.
- Extractor mechanism for breakdown firearms. G. S. Lewis. 2,108,130; Feb. 15.
- Extracts of the germinal gland hormones and isolating the latter therefrom, Purifying crude. E. Schwenk, M. Gebicke, and F. Hildebrandt. 2,100,763; Feb. 4.
- Extracts from carbonaceous material, Production of. A. Pott. 2,141,615; Dec. 27.
- Extracts, Preparing liver. H. L. Keil. 2,125,844; Aug. 2.
- Extracts, Producing and refining organ. P. Laland and A. Klein. 2,131,256; Oct. 25.
- Extruded articles, Manufacturing. C. D. Skinner and L. C. Bradley. 2,107,510; Feb. 8.
- Extending machine. W. G. Bond. 2,107,847; Aug. 7.
- Extension. J. N. Moorhead. 2,135,193; Nov. 1.



- Extrusion apparatus. J. W. Andrews and C. A. Hallam. 2,113,208; Apr. 5.
- Extrusion container. C. Davis. 2,129,119; Sept. 6.
- Extrusion press. O. Z. Klopsch and G. H. Bradley. 2,139,551; Dec. 6.
- Eye. Apparatus for the determination of the refraction of the. R. E. Reason. 2,114,984; Apr. 19.
- Eye block for shuttles. C. P. Park. 2,130,695; Sept. 20.
- Eyebrow plucker. B. Wehmer. 2,123,870; July 19.
- Eyeglass. R. E. Mackahan and M. W. Hard. 2,130,692; Sept. 20.
- Eyeglass construction. G. E. Nerney. 2,115,783; May 3.
- Eyeglass mounting, Bifocal. A. H. Bricker. 2,121,336; June 21.
- Eyeglass repair device. F. C. Bradley. 2,124,903; July 28.
- Eyeglasses. W. R. Uhlemann. 2,108,875; Feb. 22.
- Eyeshade. J. W. Catron, Jr. 2,107,102-3; Feb. 1.
- Eyeshade. O. A. Kleine. 2,109,115; Feb. 22.
- Eyeshade, Spectacle. E. D. Maurer. 2,106,615; Jan. 25.
- Eyeshield. H. A. Jackson. 2,135,397; Nov. 1.
- Eyeshield and visor. T. P. Lee. 2,139,275; Dec. 6.
- Eye solution. E. A. Markush and J. Miller. 2,105,326; Jan. 11.
- Eye tester. B. Oskin. 2,138,554; Nov. 29.
- Eye testing apparatus. G. B. Ruby. 2,137,702; Nov. 22.
- Eye treatments. C. H. Schwaner. 2,130,474; Sept. 20.
- Eyes, Producing gangs of miniature dead. W. Kramer. 2,115,957; May 3.
- Eyes, Testing. A. Ames, Jr., and C. H. Gliddon. 2,124,457; July 19.
- Eyelet. S. L. Gookin. 2,107,375; Feb. 8.
- Fabric: See—
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|----------------------------|-------------------------|
| Coated fabric.             | Multi-ply fabric.       |
| Composite fabric.          | Narrow fabric.          |
| Curved abrasive fabric.    | Pile fabric.            |
| Decorative needled fabric. | Sizing fabric.          |
| Elastic fabric.            | Textile fabric.         |
| Elastic knit fabric.       | Tubular woven fabric.   |
| Flat knit fabric.          | Vehicle top fabric.     |
| Gas-retaining fabric.      | Warp fabric.            |
| Glass fabric.              | Water-resistant fabric. |
| Hosiery fabric.            | Weft knit fabric.       |
| Inlaid knitted fabric.     | Wire fabric.            |
| Knitted fabric.            | Woven elastic fabric.   |
| Lace fabric.               | Woven fabric.           |
| Laminated fabric.          | Woven wire fabric.      |
| Mesh fabric.               |                         |
- Fabric. B. Cobb. 2,106,794; Feb. 1.
- Fabric. R. R. Cone. 2,121,285; June 21.
- Fabric. S. Saftlas. 2,105,301; Jan. 11.
- Fabric. R. L. Sayers. 2,118,658; May 24.
- Fabric. A. M. Tenney. 2,112,123; Mar. 22.
- Fabric and coating mixture therefor, Waterproofed. A. J. Weiss. 2,110,539; Mar. 8.
- Fabric and in the method of producing same, Knitted. W. Reynolds and F. Bonser. 2,127,139; Aug. 16.
- Fabric and its manufacture, Pile. E. F. Castles. 2,110,866; Mar. 15.
- Fabric and knitting the same, Knitted. A. Friedmann. 2,133,323; Oct. 18.
- Fabric and making same. G. Schneider. 2,126,820; Aug. 16.
- Fabric and making same. G. Schneider. 2,126,822; Aug. 16.
- Fabric and making same, Braided. A. Petersen. 2,111,639; Mar. 22.
- Fabric and making same, Coated. C. B. Hall and J. D. McBurney. 2,125,341; Aug. 2.
- Fabric and making same, Composite. C. Dreyfus. 2,126,753; Aug. 16.
- Fabric and making same, Composite. C. Dreyfus. 2,126,756; Aug. 16.
- Fabric and making same, Composite. C. Dreyfus. 2,126,759; Aug. 16.
- Fabric and making same, Composite. G. Schneider. 2,126,821; Aug. 16.
- Fabric and making same, Composite. G. Schneider. 2,126,824; Aug. 16.
- Fabric and making same, Composite. A. B. Snowdown and H. R. Bodell. 2,126,830; Aug. 16.
- Fabric and making same, Endless screen wire. H. Kurtz. 2,124,373; July 19.
- Fabric and making same, Knitted. J. McNamee. 2,141,999; Dec. 27.
- Fabric and making same, Textile. C. Rosenstein. 2,135,413; Nov. 1.
- Fabric and making the same. F. B. Riley. 2,118,108; May 24.
- Fabric and making the same, Composite. C. Dreyfus. 2,126,758; Aug. 16.
- Fabric and making the same, Knitted. D. Guay. 2,114,021; Apr. 12.
- Fabric and making the same, Knitted. R. H. Lawson and A. N. Cloutier. 2,141,440; Dec. 27.
- Fabric and making the same, Knitted. E. St. Pierre. 2,131,720; Sept. 27.
- Fabric and making the same, Ornamental. S. Rudnick. 2,141,560; Dec. 27.
- Fabric and making the same, Pile. C. Dreyfus and W. Whitehead. 2,127,586; Aug. 23.
- Fabric and making the same, Pile. A. W. Drobble. 2,108,046; Feb. 15.
- Fabric and making the same, Pile. W. H. Walsh. 2,125,745; Aug. 2.
- Fabric and making the same, Textile. H. H. Fonda. 2,121,909; June 28.
- Fabric and making the same, Textile. L. G. Lawrie, R. J. W. Reynolds, and H. A. Piggott. 2,109,295; Feb. 22.
- Fabric and making the same, Tufted. K. T. Greenwood. 2,117,954; May 17.
- Fabric and making the same, Warp-knit. T. H. Johnson. 2,133,935; Oct. 18.
- Fabric and making the same, Wire. R. J. Guba. 2,125,717; Aug. 2.
- Fabric and making the same, Wire. R. J. Guba. 2,127,358; Aug. 16.
- Fabric and method of and apparatus for treating the same. J. D. Robertson and W. G. Staples. 2,110,118; Mar. 1.
- Fabric and preparing same. C. Dreyfus and G. Schneider. 2,126,754; Aug. 16.
- Fabric and producing same, Knitted. A. J. Reinthal. 2,114,004; Apr. 12.
- Fabric and producing same, Matted. E. M. Lapham. 2,138,108; Nov. 29.
- Fabric and the product thereof, Manufacturing rubber impregnated. E. C. Gwaltney. 2,137,339; Nov. 22.
- Fabric and the product thereof, Treating cotton. S. B. Bird and A. L. Lippert. 2,111,486; Mar. 15.
- Fabric and the production thereof, Knitted. A. R. Cole. 2,132,778; Oct. 11.
- Fabric and the production thereof, Knitted. H. A. Raynor. 2,108,925; Feb. 22.
- Fabric and yarn therefor. C. P. Coulter, Jr. 2,119,468; May 31.
- Fabric clamping means. F. W. Kammerer. 2,133,199; Oct. 11.
- Fabric cleansing machine. J. B. Kirby. 2,119,918; June 7.
- Fabric feeding system. S. Cohn. 2,130,118; Sept. 13.
- Fabric for a plate and frame filter press for re-fining used oils, Filter. W. D. Harris. 2,123,042; July 5.
- Fabric for curtains or the like. R. I. Bosworth. 2,125,422; Aug. 2.
- Fabric for dandy rolls, cylinder molds, or the like, for paper making machines, Woven wire. N. W. Webb. 2,134,293; Oct. 25.
- Fabric for use in the manufacture of shoes. W. D. Clement. 2,129,344; Sept. 6.
- Fabric from spun glass, Manufacture of. H. F. C. Cordts. 2,131,024; Sept. 27.
- Fabric guide for take-up. E. R. Holmes. 2,141,652; Dec. 27.
- Fabric having spaces for the spirals, Spiral. V. C. King. 2,112,700; Mar. 29.
- Fabric, Making a composite. C. Dreyfus. 2,126,755; Aug. 16.
- Fabric, Making a stiffened. G. Schneider. 2,126,823; Aug. 16.
- Fabric manufacture, Pile. A. J. Signoret. 2,136,828; Nov. 15.
- Fabric, Manufacturing Milanese warp. H. Wirth. 2,108,735; Feb. 15.
- Fabric, Method and apparatus for producing elastic knitted. H. K. Lea. 2,120,758; June 14.
- Fabric, Multistrand spiral. C. E. Pink. Re. 20,897; Oct. 25.
- Fabric of mixed fibers, Textile. H. Platt. 2,112,303; Mar. 29.
- Fabric or garment and in the production thereof, Knitted. T. H. Jones and R. K. Mills. 2,120,181; June 7.
- Fabric, paper, leather, or the like. T. L. Shepherd. 2,116,289; May 3.
- Fabric picker-off and feeding machine, Automatic. R. M. Smith and J. G. Gogal. 2,126,147; Aug. 9.
- Fabric, Plating knit. H. N. Sheppard. 2,129,593; Sept. 6.
- Fabric printing machine. R. N. Dauphinais. 2,112,453; Mar. 29.
- Fabric, Producing air permeable pile. G. S. Hiers. 2,135,712; Nov. 8.
- Fabric, Producing an elastic. A. Ferrari. 2,140,696; Dec. 20.
- Fabric, Producing imitation reed. W. E. Sackner and J. E. Millett. 2,128,664; Aug. 30.
- Fabric, Producing nonravel knitted. O. Sauer. 2,113,242; Apr. 5.
- Fabric, Producing rubber coated. E. A. Murphy. 2,128,312; Aug. 30.
- Fabric take-up device for flat warp knitting machines. E. H. Wirth. 2,108,737; Feb. 15.
- Fabric testing device, Knitted. J. K. Cobert. 2,117,402; May 17.
- Fabric treatment and apparatus therefor. M. M. Kasanof. 2,108,127; Feb. 15.
- Fabric, Weaving. H. M. Jameson. 2,127,817; Aug. 23.
- Fabric, Weaving pile. I. F. and E. T. Harvey. 2,120,895; June 14.
- Fabric with close setting of the weft threads, Producing a. O. Grimm. 2,125,339; Aug. 2.



- Fabric with rubber inlay and embroidery patterns and knitting same. J. L. Getaz. 2,112,769; Mar. 29.
- Fabrics and making same, Crisp sheer. H. I. Huey and W. W. Russell. 2,104,748; Jan. 11.
- Fabrics and product thereof, Coating. D. J. Sullivan. 2,121,717; June 21.
- Fabrics, Apparatus and method for the manufacture of pile. F. M. Kaufman. 2,141,152; Dec. 20.
- Fabrics, Coated. R. Morgan. 2,110,070; Mar. 1.
- Fabrics, Coating. K. F. Wallin. 2,114,618; Apr. 19.
- Fabrics, Dampening. T. McConnell. 2,117,491; May 17.
- Fabrics, Decoration of. V. Sallada. 2,118,781; May 24.
- Fabrics, Finishing planiform textile. H. Krantz. A. Simon, and H. Buysch. 2,122,146; June 28.
- Fabrics from rope form, Opening of textile. J. Dangler. 2,117,603; May 17.
- Fabrics, Imparting fancy effects to. G. Heberlein, Jr., and E. Weiss. 2,112,895; Apr. 5.
- Fabrics in the piece, Dyeing multicolored. G. R. Meyers. 2,135,350; Nov. 1.
- Fabrics, Making pile. P. S. Smith. 2,116,048; May 3.
- Fabrics, Making textile. C. Rosenstein. 2,108,565; Feb. 15.
- Fabrics, Manufacture of pile. G. S. Hiers. 2,135,711; Nov. 8.
- Fabrics, Manufacture of pile. J. Kubicky. 2,108,288; Feb. 15.
- Fabrics, Marking. O. F. Lohmann. 2,139,835; Dec. 13.
- Fabrics, Method and apparatus for marking. W. G. Wolkan. 2,135,228; Nov. 1.
- Fabrics, Mothproofing. L. E. Mills and W. W. Allen. 2,128,189; Aug. 23.
- Fabrics, Napping textile. L. A. Runton. 2,129,707; Sept. 13.
- Fabrics, Obtaining crepe effects on. H. Altwegg and A. Eichler. 2,107,857; Feb. 8.
- Fabrics, Production of improved effects on cellulosic. H. H. Bowen and V. H. Majerus. 2,119,150; May 31.
- Fabrics, System for treating. S. Cohn and J. G. Walter. 2,109,469; Mar. 1.
- Fabrics, Treating. C. T. Graham. 2,128,516; Aug. 30.
- Fabrics, Treating pile. A. W. Drobile. 2,120,801; June 14.
- Fabrics, Treatment of. C. A. Alt. 2,127,320; Aug. 16.
- Fabrics, Treatment of. W. H. Alton and H. I. Jones. 2,115,154; Apr. 26.
- Fabrics with bias weft, Manufacture of. E. Philippe. 2,113,492; Apr. 5.
- Fabrics, Woven wire. F. Steinhart. 2,107,719; Feb. 8.
- Face meter. H. P. Houser. 2,107,534; Feb. 8.
- Facepiece for gas masks, Universal. O. I. Gaines and W. A. Fertig. 2,131,730; Oct. 4.
- Face protector. J. E. Garing. 2,122,520; July 5.
- Face protector. A. H. Parmelee. 2,119,439; May 31.
- Facer, Duplex single. H. B. Greenwood. 2,106,500; Jan. 25.
- Facial protective device. D. E. Kimball. 2,110,332; Mar. 8.
- Facing, Fabric friction. G. Walters. 2,113,261; Apr. 5.
- Facing for building constructions. E. L. Torstenson. 2,119,690; June 7.
- Facing for retaining structures and forming same. R. T. Logeman. 2,128,681; Aug. 30.
- Facing, Interchangeable. J. P. Franchetti. 2,129,922; Sept. 13.
- Facing material, Applying. A. H. Parsons. 2,130,743; Sept. 20.
- Facing Wall. F. Sohn. 2,132,547; Oct. 11.
- Facsimile printing telegraph system, and apparatus. E. E. and E. F. Kleinschmidt. 2,131,741; Oct. 4.
- Facsimile recorder, High speed. W. G. H. Finch. 2,141,974; Dec. 27.
- Facsimile recorder, Multiple stylus. W. G. H. Finch. 2,141,975; Dec. 27.
- Facsimile recording, Apparatus for. C. J. Young. 2,104,109; Jan. 4.
- Facsimile recording device, High speed. E. W. Allen, Jr. 2,133,181; Oct. 11.
- Facsimile recording tube. W. G. H. Finch. 2,123,721; July 12.
- Facsimile transmitting systems, Apparatus for use in. O. Fulton. 2,127,331; Aug. 16.
- Fading elimination. H. E. Hollmann. 2,111,778; Mar. 22.
- Fagoting stitching machine. A. Gellman. 2,114,075; Apr. 12.
- Fairlead. C. L. George. 2,106,000; Jan. 18.
- Fairlead. D. J. Shelton, B. Jacoby, and G. B. Heffelinger. 2,133,406; Oct. 18.
- Fairing, Readily detachable. I. M. Laddon. 2,126,785; Aug. 16.
- False twist mechanism for drawing textile rovings. F. Casnblancas. 2,137,565; Nov. 22.
- Fan. E. L. Anderson. 2,126,599; Aug. 9.
- Fan. A. L. Baker. 2,108,841; Feb. 22.
- Fan. I. H. Cohen. 2,110,621; Mar. 8.
- Fan. W. Feltner. 2,112,766; Mar. 29.
- Fan. W. A. Geise. 2,120,780; June 14.
- Fan. H. F. Hagen. 2,108,435; Feb. 15.
- Fan. G. W. Harding. 2,137,671; Nov. 22.
- Fan. W. L. Kisting. 2,130,802; Sept. 20.
- Fan. C. N. McLane. 2,139,416; Dec. 6.
- Fan. K. D. McMahan. 2,107,897; Feb. 8.
- Fan. H. G. Smith. 2,132,133; Oct. 4.
- Fan. M. A. Smith, Jr. 2,130,910; Sept. 20.
- Fan. L. Zaiger. 2,107,136; Feb. 1.
- Fan. L. Zaiger. 2,123,763; July 12.
- Fan and blower. G. L. Heck. 2,129,468; Sept. 6.
- Fan and light, Combined ceiling. H. F. Morse. 2,119,398; May 31.
- Fan assembly. B. B. Cary. 2,139,630; Dec. 6.
- Fan assembly, Combined circulating and ventilating. M. P. Youker. 2,119,935; June 7.
- Fan assembly, Combined circulating and ventilating. M. P. Youker. 2,130,660; Sept. 20.
- Fan, Centrifugal. A. C. Bartlett and M. S. Leonard. 2,113,391; Apr. 5.
- Fan, Centrifugal. H. F. Hagen. 2,117,416; May 17.
- Fan, Centrifugal. J. A. Rockwell. 2,135,053; Nov. 1.
- Fan, Circulating. H. I. Finch. 2,105,315; Jan. 11.
- Fan construction. G. H. Koch. 2,140,017; Dec. 13.
- Fan, Disk. G. de Bothezat. 2,121,033; June 21.
- Fan drive, Angular. R. Schittke. 2,115,124; Apr. 26.
- Fan, Electric. J. G. Macdonald. Re. 20,714; May 3.
- Fan, Electric. G. C. Shipley. 2,121,177; June 21.
- Fan, Electric. G. Zint. 2,128,724; Aug. 30.
- Fan, Multistage. A. E. Seelig. 2,066,8; Mar. 8.
- Fan or blower construction. B. A. and R. C. Parkes. 2,131,691; Sept. 27.
- Fan, Rubber bladed. E. S. Preston. 2,123,146; July 5.
- Fan stand. H. C. Hueglin. 2,111,244; Mar. 15.
- Fan structure. E. S. Preston. 2,122,919; July 5.
- Fan unit. J. C. Garroli. 2,117,310; May 17.
- Fans, pumps, and the like, Control of centrifugal. J. Whitmore. 2,140,148; Dec. 13.
- Farebox. E. M. Macdonald. 2,119,592; June 7.
- Farm products loading and distribution device. J. C. Whiteside. 2,129,252; Sept. 6.
- Fastener: See—
- Bag-strap fastener.
  - Basket cover fastener.
  - Belt fastener.
  - Buckle and slide fastener.
  - Button fastener.
  - Cap fastener.
  - Carpet fastener.
  - Chain fastener.
  - Clip fastener.
  - Closure fastener.
  - Collar fastener.
  - Cover fastener.
  - Cowling fastener.
  - Cuff fastener.
  - Door fastener.
  - Duplex separable fastener.
  - Endgate fastener.
  - File fastener.
  - Gripping fastener.
  - Hat fastener.
  - Hatch fastener.
  - Indoor clothesline fastener.
  - Interlocking fastener.
  - Key fastener.
  - Locking snap fastener.
  - Locking stud and socket snap fastener.
  - Meter closure fastener.
  - Molding fastener.
  - Panel fastener.
  - Paper fastener.
  - Radiator grille fastener.
  - Releasable fastener.
  - Roll roofing fastener.
  - Sash cord fastener.
  - Sash fastener.
  - Separable fastener.
  - Shoe lace fastener.
  - Slidable fastener.
  - Slide fastener.
  - Sliding door fastener.
  - Snap fastener.
  - Spring fastener.
  - Switch box cover fastener.
  - Tag fastener.
  - Thread forming fastener.
  - Threaded fastener.
  - Tie plate and rail fastener.
  - Traveler record fastener.
  - Upholstery fastener.
  - Wall fastener.
  - Window fastener.
  - Window sash fastener.
- Fastener. D. A. Brennan. 2,119,842; June 7.
- Fastener. D. A. Brennan. 2,119,844; June 7.
- Fastener. C. O. Carlson. 2,118,168; May 24.
- Fastener. T. C. Dahmert. 2,122,130; June 28.
- Fastener. P. E. Fenton. 2,134,037; Oct. 25.
- Fastener. T. E. Fournier. 2,120,606; June 14.
- Fastener. D. Hoppenstand. 2,111,267; Mar. 15.
- Fastener. W. I. Jones. 2,130,548; Sept. 20.
- Fastener. E. Kern. 2,141,792; Dec. 27.
- Fastener. H. G. Lombard. 2,110,959; Mar. 15.
- Fastener. E. Max. 2,133,204; Oct. 11.
- Fastener. W. F. Ploch. 2,141,222; Dec. 27.
- Fastener. B. C. Place. 2,109,576; Mar. 1.
- Fastener. B. C. Place. 2,136,981; Nov. 15.
- Fastener. B. C. Place. 2,138,195; Nov. 29.
- Fastener. F. Schäfer. 2,116,365; May 3.
- Fastener. K. T. Snyder. 2,108,831; Feb. 22.
- Fastener. D. R. Stamy. 2,105,706; Jan. 18.
- Fastener. W. Walmsley. 2,115,353; Apr. 26.
- Fastener and backing sheet, Combination sheet. W. W. Karlen. 2,131,401; Sept. 27.
- Fastener and decapping tool, Foundation. R. Ludke. 2,108,754; Feb. 15.
- Fastener and fastener installation. H. J. Murphy. 2,128,729; Aug. 30.
- Fastener and installation of the same, Grille. W. I. Jones. 2,137,532; Nov. 22.
- Fastener and installation thereof, Grille. G. A. Tinnerman. 2,127,072; Aug. 16.
- Fastener and making the same, Separable interlocking. A. E. Carille. 2,127,839; Aug. 23.
- Fastener and the like, Flexible. P. A. Westphal. 2,127,498; Aug. 23.
- Fastener-applying device. J. E. Cavanagh. 2,107,522; Feb. 8.
- Fastener-applying implement. J. E. Cavanagh. 2,137,642; Nov. 22.
- Fastener assembly. P. E. Fenton. 2,131,347; Sept. 27.
- Fastener attaching means. P. E. Fenton. 2,128,610; Aug. 30.
- Fastener attachment, Slide. N. L. Etten. 2,111,924; Mar. 22.
- Fastener device. E. E. Lundberg. 2,137,653; Nov. 22.



- Fastener device. E. E. Lundberg, C. B. Doty, and E. R. Hathaway. 2,137,652; Nov. 22.
- Fastener device. F. N. Ross. 2,137,657; Nov. 22.
- Fastener elements and making them, Colored. F. E. Nodine. 2,106,012; Jan. 18.
- Fastener for attaching corrugated covering sheets. H. T. Richardson. 2,108,611; Feb. 15.
- Fastener for casement windows, Top. J. Belanger. 2,124,226; July 19.
- Fastener for corsets and the like. J. Pothier. 2,135,597; Nov. 8.
- Fastener for doors and windows. R. B. Taylor. 2,128,479; Aug. 30.
- Fastener for garments, Detachable loop. W. A. Mysels and R. Isenberg. 2,133,057; Oct. 11.
- Fastener for shirt collars. F. A. Wiegman. 2,133,068; Oct. 11.
- Fastener for slide driving or V-belts, Belt. J. C. Olsen. 2,111,053; Mar. 15.
- Fastener for the neckband portions of neckties. W. Mayer. 2,139,510; Dec. 6.
- Fastener for umbrella covers. C. and N. Flichtenfeld. 2,123,722; July 12.
- Fastener for undergarments, Waistband. H. Herrie. 2,105,417; Jan. 11.
- Fastener for wrist watch straps. C. B. Greenberg. 2,105,143; Jan. 11.
- Fastener installation and fastener for the same. W. H. Churchill. 2,128,725; Aug. 30.
- Fastener installation, Slide operated. S. Esserman. 2,126,317; Aug. 9.
- Fastener means, Cleat. J. J. Conner. 2,137,713; Nov. 22.
- Fastener member and fastener installation. H. J. Murphy. 2,128,730; Aug. 30.
- Fastener member and installation of the same. W. G. Roby. 2,141,878; Dec. 27.
- Fastener or buckle, Separable. L. Eisenman. 2,125,775; Aug. 2.
- Fastener or latch for vehicle roofs. C. H. Nichols. 2,124,117; July 19.
- Fastener release, Strip. R. P. Templeton. 2,135,364; Nov. 1.
- Fastener, Separable. D. Merinsky. Re. 20,795; July 12.
- Fastener slide, Safety removable. B. Pruzan. 2,111,004; Mar. 15.
- Fastener structure, Handbag. P. Upham. 2,106,142; Jan. 18.
- Fastener unit, Making. R. C. Legat. 2,116,726; May 10.
- Fastener units, Making. G. E. Prentice. 2,116,712; May 10.
- Fasteners, Making paper. E. G. Martin and E. E. Stark. 2,132,693; Oct. 11.
- Fasteners, Making separable. G. Sundback. 2,106,129; Jan. 18.
- Fasteners, Making separable interlocking. H. E. Sipe. 2,130,932; Sept. 20.
- Fasteners, Making slide. A. Konoff. 2,135,717; Nov. 8.
- Fasteners, Making slide. W. J. S. Naunton and G. H. C. Corner. 2,131,255; Sept. 27.
- Fasteners, Making slide. G. Sundback. 2,116,547; May 10.
- Fasteners, Manufacturing separable interlocking. G. Sundback. 2,140,463; Dec. 13.
- Fasteners, Method and apparatus for making slide. F. P. Miller and L. Skeel. 2,108,007; Feb. 8.
- Fasteners, Process and apparatus for making slide. F. P. Miller. 2,108,008; Feb. 8.
- Fasteners to articles, Applying slide. B. B. Peterson. 2,124,079; July 19.
- Fastening. C. G. Olson. 2,128,757; Aug. 30.
- Fastening, Belt. W. Jones. 2,134,304; Oct. 25.
- Fastening, Car door. D. P. Hynes. 2,113,510; Apr. 5.
- Fastening device. H. Amsden. 2,112,550; Mar. 29.
- Fastening device. P. F. Berry. 2,123,764; July 12.
- Fastening device. C. I. Carlson. 2,125,540; Aug. 2.
- Fastening device. H. Carlson. 2,133,425; Oct. 18.
- Fastening device. R. Krantz. 2,117,005; May 10.
- Fastening device. J. Landgraf. 2,109,254; Feb. 22.
- Fastening device. H. G. Lombard. 2,126,482; Aug. 9.
- Fastening device. H. J. Murphy. 2,114,746; Apr. 10.
- Fastening device. C. T. Patterson. 2,120,470; June 14.
- Fastening device. J. J. Schaefer. 2,104,496; Jan. 4.
- Fastening device. E. O. Seaver. 2,110,740; Mar. 8.
- Fastening device. S. Segal. 2,122,441-2; July 5.
- Fastening device. W. and C. C. Shippee. 2,120,530; June 14.
- Fastening device. F. M. Stader. 2,107,913; Feb. 8.
- Fastening device. G. A. Tinnerman. 2,117,775; May 17.
- Fastening device. G. A. Tinnerman. 2,140,064; Dec. 13.
- Fastening device. R. A. Young. 2,119,764; June 7.
- Fastening device. R. A. Young. 2,139,145; Dec. 6.
- Fastening device for automobile hoods or the like. A. Claud-Mantle. 2,117,339; May 17.
- Fastening device for badges. W. F. Ferguson. 2,140,795; Dec. 20.
- Fastening device for jewelry. B. Mestekin. 2,133,901; Oct. 18.
- Fastening device for pocketbooks and the like. W. I. Jones. 2,137,531; Nov. 22.
- Fastening device for screen plates. D. M. Blackburn. 2,114,329; Apr. 19.
- Fastening device for truss and other bands. G. T. Walker. 2,134,383; Oct. 25.
- Fastening distributor. M. F. Buckley. 2,113,571; Apr. 12.
- Fastening, Door. L. M. Dyson. 2,115,680; Apr. 26.
- Fastening end members, Multiple operated. H. J. Murphy. 2,114,747; Apr. 19.
- Fastening for attaché and suit cases and the like, Bolt and hasp. C. W. Cheney. 2,129,117; Sept. 6.
- Fastening for drill bits, Detachable. M. J. Kittrell. 2,111,785; Mar. 22.
- Fastening for kilns and the like, Tire. L. A. Rice. 2,132,321; Oct. 4.
- Fastening for suitcases and the like. C. W. Cheney. 2,133,131; Oct. 11.
- Fastening for tenon-joints. C. W. Sadenwater. 2,123,081; July 5.
- Fastening-inserting machine. J. A. Caswell and C. A. Robinson. 2,106,719; Feb. 1.
- Fastening-inverting mechanism. T. H. Seely. 2,105,377; Jan. 11.
- Fastening means for bag frames and the like. P. Upham. 2,128,736; Aug. 30.
- Fastening means for breeches. M. Harris. 2,116,700; May 10.
- Fastening means for tire chains. F. E. Stahl. 2,123,865; July 12.
- Fastening means for wallboard and the like. R. Winship. 2,120,049; June 7.
- Fastening means, Name plate. C. F. Mitchel. 2,120,058; June 7.
- Fastening means, Snap-stud. H. G. Lombard. 2,137,210; Nov. 15.
- Fastening mechanism. H. J. Sharp. 2,134,008; Oct. 25.
- Fastening, Rail. W. S. Boyce. 2,140,891; Dec. 20.
- Fastening, Rail. T. Manev. 2,132,572; Oct. 11.
- Fastening, Rail. L. C. Peskin and H. R. Rice. 2,119,512; June 7.
- Fastenings and fittings to suitcases and the like, Attachment of. C. W. Cheney. 2,121,422; June 21.
- Fastenings, Method of and machine for inserting. J. T. Lancaster. 2,109,570; Mar. 1.
- Fat content of milk and dairy products, Determining the. G. Mayrhofer. 2,112,374; Mar. 29.
- Fat, Preparing edible. A. S. Richardson and E. W. Eckey. 2,132,437; Oct. 11.
- Fat, Rendering. J. P. Harris and W. A. Welch. 2,105,478; Jan. 18.
- Fat, Treating animal. L. H. Reyerson. 2,107,505; Feb. 8.
- Fats and method for preventing rancidity, Stabilized. D. J. Maveety. 2,124,706; July 26.
- Fats and oils, Hydrolysis of. M. H. Ittner. 2,139,589; Dec. 6.
- Fats and oils, Stabilization of animal and vegetable. H. Bradshaw. 2,104,070; Jan. 4.
- Fats and oils, Stabilization of animal and vegetable. G. H. Latham. 2,104,084; Jan. 4.
- Fats and oils, Stabilization of animal and vegetable. P. L. Salzberg. 2,124,749; July 26.
- Fats and oils, Stabilization of animal and vegetable. P. L. Salzberg. 2,131,904; Oct. 4.
- Fats, oils, and waxes, Modifying natural. W. R. Eipper. 2,137,667; Nov. 22.
- Fats or oils, Apparatus for the continuous splitting of. E. Morlock. 2,108,990; Feb. 22.
- Fatty acid condensation products, Preparing. N. B. Tucker. 2,113,819; Apr. 12.
- Fatty compounds, Apparatus and method for sulphonating. D. S. Whitman. 2,129,896; Sept. 13.
- Faucet. A. L. Boscow and A. V. Worthington. 2,134,966; Nov. 1.
- Faucet. J. V. Bosque. 2,121,281; June 21.
- Faucet. E. E. Cooper. 2,107,727; Feb. 8.
- Faucet. R. T. Cornelius. 2,128,351; Aug. 30.
- Faucet. D. O. and O. C. Druge. 2,121,863; June 28.
- Faucet. N. J. Gondolf. 2,104,640; Jan. 4.
- Faucet. H. J. M. Rasmussen. 2,105,331; Jan. 11.
- Faucet. W. L. Thaele. 2,124,155; July 19.
- Faucet. R. Vogt. 2,128,627; Aug. 30.
- Faucet apparatus. W. H. Finley and C. H. Hamilton. 2,109,958; Mar. 1.
- Faucet, Beer. G. J. Belknap. 2,135,298; Nov. 1.
- Faucet, Beer. E. H. Smith. 2,119,250; May 31.
- Faucet, Beverage dispensing. T. A. Hutsell. 2,113,887; Apr. 12.
- Faucet connector. W. J. Hooper. Re. 20,782; July 5.
- Faucet, Dispensing. H. W. Ribble. 2,131,785; Oct. 4.
- Faucet for beer or the like, Flow control. D. G. Griswold. 2,126,991; Aug. 16.
- Faucet sealing device. H. Hughes. 2,128,674; Aug. 30.
- Faucet, Self-serving. P. Slobody. 2,111,007; Mar. 15.
- Faucet, Thermostatic. M. Glenn. 2,110,952; Mar. 15.
- Faucet unit, Thermostatically controlled. L. N. Hermann. 2,132,689; Oct. 11.
- Feather plucking machine. C. F. Fisher. 2,112,230; Mar. 29.
- Feather renovator. L. Finkel. 2,140,200; Dec. 13.
- Feathers from fowl, Apparatus for removing. E. H. Hinchliffe. 2,113,232; Apr. 5.
- Feed and cut-off mechanism. L. A. Frayer. 2,106,275; Jan. 25.
- Feed and making the same. C. F. Schnabel. 2,133,362; Oct. 18.
- Feed and vacuum controlling device, Automatic. A. O. Tadewald. 2,118,745; May 24.



- Feed apparatus for gas engines. G. S. Maslen. 2,128,711; Aug. 30.
- Feed, Apparatus for manufacturing dried. W. L. McGehee and H. W. Luhnow. 2,119,790; June 7.
- Feed apparatus for pipe coating machines and the like. A. G. Perkins. 2,108,319; Feb. 15.
- Feed, Chokeless drag. W. H. Spindler. 2,130,973; Sept. 20.
- Feed control device, Liquid. G. W. Moore. 2,131,329; Sept. 27.
- Feed control for rail grinders, Vertical. M. Moore. 2,113,276; Apr. 5.
- Feed, Diminishing. E. D. La Fleur. 2,116,794; May 10.
- Feed dispensing apparatus for poultry or the like. M. L. Hall. 2,116,699; May 10.
- Feed for boring bars, Automatic. C. T. Rottler. 2,122,072; June 28.
- Feed for centrifugal separators. N. E. Bergner. 2,108,098; Feb. 15.
- Feed for spinning machines. J. H. Jewett, Jr. 2,128,184; Aug. 23.
- Feed for spinning machines and method of use. J. H. Jewett. 2,128,185; Aug. 23.
- Feed mechanism. M. J. Milmo. 2,135,090; Nov. 1.
- Feed mechanism for disk recording machines. L. Thompson. 2,133,596; Oct. 18.
- Feed mechanism for grain separators. C. S. Brye. 2,135,099; Nov. 1.
- Feed mechanism for lathes, Cross. A. G. Whitehead. 2,131,129; Sept. 27.
- Feed mechanism for metal spray. G. W. Preston. 2,130,698; Sept. 20.
- Feed mechanism for motion picture apparatus, Claw. H. F. Albrecht and L. E. T. Branch. 2,136,930; Nov. 15.
- Feed mechanism for screw and similar machines. C. A. Rich. 2,120,842; June 14.
- Feed mechanism for slicing machines. C. H. Petskeyes. 2,131,256; Sept. 27.
- Feed mechanism for stokers, Variable. R. L. Beers. 2,138,722; Nov. 29.
- Feed mechanism for tabulating machines. L. Jensen. 2,130,015; Sept. 13.
- Feed mechanism for wrapping machines, Wrapper. C. H. Petskeyes. 2,136,521; Nov. 15.
- Feed mechanism, Helical. J. F. Putnam. 2,112,865; Apr. 5.
- Feed regulating device. D. Buccicone. 2,141,104; Dec. 20.
- Feed regulator control means. B. Graemiger. 2,111,663; Mar. 22.
- Feed water heater. J. M. Shimer. 2,119,652; June 7.
- Feeder: See—  
 Animal feeder. Orifice feeder.  
 Base feeder. Polish feeder.  
 Calf feeder. Poultry feeder.  
 Conveyor feeder. Proportional feeder.  
 Extractor feeder. Reagent feeder.  
 Glass feeder. Sheet feeder.  
 Loom feeder. Stock feeder.  
 Multiple stream feeder.
- Feeder. S. Clark. 2,135,867; Nov. 8.
- Feeder. G. S. Smith. 2,128,501; Aug. 30.
- Feeder. F. L. Talmage. 2,129,451; Sept. 6.
- Feeder and feeding molten glass. F. L. O. Wadsworth. 2,130,702; Sept. 20.
- Feeder and paddle wheel therefor, Vacuum. B. C. Woodford. 2,141,585; Dec. 27.
- Feeder and the like for electric currents of high frequency. E. C. Cork and J. L. Pawsey. 2,138,906; Dec. 6.
- Feeder and the like for electric currents of high frequency. W. S. Percival and E. L. C. White. 2,127,088; Aug. 16.
- Feeder and waterer, Poultry. F. W. Buckle. 2,105,403; Jan. 11.
- Feeder apparatus for mail sorting machines. J. Miller. 2,132,310; Oct. 4.
- Feeder, extractor, and cleaning machine for cotton gins. B. C. Woodford. 2,114,562; Apr. 19.
- Feeder for feed choppers. R. D. MacDonald. 2,111,189; Mar. 15.
- Feeder for food choppers and grinders, Mechanical force. C. C. Steensgaard. 2,111,403; Mar. 15.
- Feeder for granular material. A. R. Thompson and C. E. Kerr. 2,126,425; Aug. 9.
- Feeder for materials, Pressure. L. Gates. 2,107,242; Feb. 1.
- Feeder for pens, Adjustable. R. F. George. 2,137,440; Nov. 22.
- Feeder for pens, Quick cleaning. R. F. George. 2,104,479; Jan. 4.
- Feeder for perching fowl. W. G. Dost. 2,122,880; July 5.
- Feeder for reversible fluid systems. D. R. Hills. 2,124,948; July 26.
- Feeder for sewing machines of the supporting arm type. Differential material. F. Ebert. 2,134,329; Oct. 25.
- Feeder for stock. E. F. McGuire. 2,111,100; Mar. 15.
- Feeder for type casting machines, Metal. L. J. Atwood. 2,125,265; Aug. 2.
- Feeding and aligning device. B. L. Henry. 2,138,401; Nov. 20.
- Feeding and transfer mechanism. W. W. Criley. 2,120,022; June 7.
- Feeding and watering device. D. S. Gaskill. 2,130,587; Nov. 16.
- Feeding apparatus. C. D. Knowlton. 2,119,585; June 7.
- Feeding apparatus for flexible tubular belt conveyers. H. S. Johns. 2,109,861; Mar. 1.
- Feeding arrangement for gas producers. J. Daniels. 2,113,015; Apr. 5.
- Feeding device. A. Allendorf. 2,105,068; Jan. 11.
- Feeding device. W. G. Klemm. 2,112,341; Mar. 29.
- Feeding device. F. M. Slater. 2,132,519; Oct. 11.
- Feeding device, Centrifugal. R. R. Clark. 2,108,163; Feb. 15.
- Feeding device for ironing machines. F. J. Couch. 2,110,437; Mar. 8.
- Feeding head for reciprocating or shaker conveyers. E. R. Bergmann. 2,127,902; Aug. 23.
- Feeding means for cutting machines, Gauge. G. M. Porter. 2,118,941; May 31.
- Feeding means for manifolding material, Pin type. J. Q. Sherman. 2,113,455; Apr. 5.
- Feeding mechanism. M. G. Benjamin. 2,109,939; Mar. 1.
- Feeding mechanism. M. D. Heyman. 2,130,235; Sept. 13.
- Feeding mechanism. E. J. Svenson. 2,108,353; Feb. 15.
- Feeding mechanism for offset printing machines. P. H. Durup. 2,138,343; Nov. 29.
- Feeding mechanism for printing presses. I. L. Rheutan. 2,125,199; July 26.
- Feeding mechanism for rock drills. J. C. Curtis. 2,104,712; Jan. 4.
- Feeding mechanism for rock drills. A. Feucht. 2,107,198; Feb. 1.
- Feeding mechanism for rock drills. L. L. Richardson. 2,137,900; Nov. 22.
- Feeding mechanism for sawmills. A. J. Corley. 2,118,496; May 24.
- Feeding mechanism for shaker conveyers. E. R. Bergmann. 2,132,718; Oct. 11.
- Feeding mechanism for slicing machines. J. Folk. 2,121,350; June 21.
- Feeding mechanism or the like. C. L. Mattison. 2,123,432; July 12.
- Felt articles, Method of and apparatus for shrinking. H. A. Genest. 2,112,207; Mar. 22.
- Felt, Drier. B. L. Whittier. 2,115,658; Apr. 26.
- Felt, Impregnated. P. Drewsen. 2,131,097; Sept. 27.
- Felt, Roofing. L. Kirschbraun. 2,122,747; July 5.
- Felts, Apparatus for manufacturing woven drier. T. Mines. 2,133,034; Oct. 11.
- Felts of frangible fibers, Shaping. E. R. Powell. 2,116,663; May 10.
- Fence. P. E. Hunter. 2,106,601; Jan. 25.
- Fence charger, Low voltage. H. E. Webster. 2,127,898; Aug. 23.
- Fence connecting means. C. A. Phipps. 2,113,743; Apr. 12.
- Fence, Electric. L. Heijder. Re. 20,725; May 17.
- Fence, Highway guard. E. A. Robertson. 2,136,710; Nov. 15.
- Fence making machine. V. L. Johnson. 2,138,173; Nov. 29.
- Fence tool, Combination. C. A. Hadland. 2,124,416; July 19.
- Fender accessory. J. Hattenberger. Re. 20,857; Sept. 13.
- Fender and bumper for vehicles, Resilient. G. Galwey. 2,133,982; Oct. 25.
- Fenders, Apparatus for making rubber. P. P. Crisp and W. E. Haggan. 2,132,819; Oct. 11.
- Fender beam for automobiles, Lateral. L. Welselberg. 2,127,440; Aug. 16.
- Fender, Boat. J. E. Hooper and H. T. Atno. 2,122,372; June 28.
- Fender guide. J. H. Cohen. 2,121,317; June 24.
- Fender lamp. H. C. Mend. 2,111,599; Mar. 22.
- Fender light, Automatic. W. Woodward. 2,126,746; Aug. 2.
- Fender, Ship. E. F. Maas. 2,105,815; Jan. 18.
- Fender, Ship. W. R. Urquhart and E. F. Maas. 2,117,121; May 10.
- Fender skirt, Ornamental. A. P. Ferguson. 2,122,563-4; July 5.
- Fender skirt, Ornamental. G. A. Lyon. 2,118,256; May 24.
- Fender skirt, Ornamental. G. A. Lyon. 2,118,615; May 24.
- Fender skirt, Ornamental. G. A. Lyon. 2,124,790; July 20.
- Fender skirt, Ornamental. G. A. Lyon. 2,139,901; Dec. 13.
- Fender tool. F. Lorenzo. 2,100,121; Jan. 18.
- Fender well. G. G. Barr and A. H. Krichner. 2,105,397; Jan. 11.
- Permentation agent. R. Arcoy. 2,113,417; Apr. 5.
- Permentation apparatus. J. H. P. Magné. 2,111,102; Mar. 15.
- Permentation process and product. C. A. Thomas and C. A. Hochwalt. 2,138,434-5; Nov. 29.
- Permentation process for the manufacture of dextro lactic acid. G. E. Ward, L. B. Lockwood, and O. L. May. 2,132,712; Oct. 11.
- Permenting agent, Producing. C. von Friedrich. 2,110,482; May 8.
- Perric sulphate and preparing the same. Crystalline. J. E. White. 2,132,449; Oct. 11.



- Ferrochromium, Making.** M. J. Udy. 2,109,122; Feb. 22.
- Ferromagnetic alloy.** H. Neumann. 2,112,971; Apr. 5.
- Ferro-manganese, Inhibiting treatment for.** J. E. Sellers. 2,110,717; Mar. 8.
- Ferro-manganese, Production of.** A. Krus and H. Steffe. 2,128,615; Aug. 30.
- Ferromolybdenum, Producing.** J. D. Sullivan and D. Nicomoff. 2,135,630; Nov. 8.
- Ferro-phosphorus, Anodic oxidation of.** L. H. D. Fraser. 2,133,289-90; Oct. 18.
- Ferrous alloy.** G. Charlton. 2,111,278; Mar. 15.
- Ferrous articles, Producing phosphate coated.** G. C. Romig. 2,132,439; Oct. 11.
- Ferrous sections, Apparatus for selectively quenching.** P. Hoffman, W. Bender, and E. Cook. 2,116,069; May 3.
- Ferrous sheets, Rolling.** A. J. Castle. 2,105,968; Jan. 18.
- Ferrule and insulation holder for wires, Combined.** U. C. Dunaway. 2,111,760; Mar. 22.
- Ferrule for handles and attaching same.** H. W. Hindes. 2,105,119; Jan. 11.
- Fertilizer base and producing the same, Nitrogenous.** S. Strong and W. J. Gascoyne, Jr. 2,137,365; Nov. 22.
- Fertilizer distributor.** W. A. Moorhead. 2,106,645; Jan. 25.
- Fertilizer drill.** O. F. Heer. 2,139,080; Dec. 6.
- Fertilizer, Manufacturing an agglomerated potassium chloride.** K. Haase, H. Werth and H. Probst. 2,107,702; Feb. 8.
- Fertilizer, Protein-carbohydrate.** R. Formhals. 2,117,087; May 10.
- Fertilizers, Apparatus for mixing and distributing.** R. C. Zuckerman. 2,123,033; July 5.
- Fertilizers from dolomite, Producing magnesia and nitrogenous.** O. Kippe. 2,130,240; Sept. 13.
- Fertilizers from potassium sulphate or from sulphate or potassium and magnesium, Manufacturing granulated potassium.** K. Haase and H. Werth. 2,107,701; Feb. 8.
- Fertilizers, Granulating.** F. J. DeRewal. 2,124,332; July 19.
- Fertilizers, Granulation of.** C. K. Lawrence and A. H. Maude. 2,118,438; May 24.
- Fertilizers, Preparation of.** C. K. Lawrence and A. H. Maude. 2,118,439; May 24.
- Fertilizers, Producing granular.** H. A. Beekhuis, Jr. 2,136,069; Nov. 8.
- Fertilizers, Production of granular.** F. Vogel. 2,140,340; Dec. 13.
- Fever apparatus, Artificial.** H. K. Huppert. 2,109,726; Mar. 1.
- Fiber.** E. O. Whittier and S. P. Gould. 2,140,274; Dec. 13.
- Fiber, Bleaching.** H. O. Kauffmann. 2,107,297; Feb. 8.
- Fiber board under pressure, Process and apparatus for continuous drying of.** W. H. Mason. 2,122,376; June 28.
- Fiberboards, Burnishing of.** W. H. Mason. 2,118,763; May 24.
- Fiber bodies and producing same.** K. H. Bowen and E. B. Carlson. 2,121,496; June 21.
- Fiber combing machine, Rectilinear.** P. J. Gillespie. 2,127,863; Aug. 23.
- Fiber conduit joint.** H. G. Hall. 2,131,839; Oct. 4.
- Fiber construction, Artificial.** A. Formhals. 2,109,333; Feb. 22.
- Fiber cutting mechanism for tape condenser of similar machines.** H. H. Knight. 2,109,176; Feb. 22.
- Fiber, Drying synthetic.** B. R. Andrews. 2,119,261; May 31.
- Fiber, Enhancing the colorability of cellulosic.** E. Schirm. 2,120,267; June 14.
- Fiber from flax straw or the like, Process and apparatus for deriving.** R. Forsyth. 2,130,681; Sept. 20.
- Fiber from rubber, Separating.** C. H. Smith, R. W. Moorhouse, and J. J. Hartz. 2,126,672; Aug. 9.
- Fiber insulation, Method and apparatus for producing felted.** W. Brown. 2,107,779; Feb. 8.
- Fiber liberation.** J. H. Estes. 2,128,928; Sept. 6.
- Fiber picker.** M. Mudrick. 2,134,312; Oct. 25.
- Fiber products, Making ligno-cellulose.** W. H. Mason. 2,120,137; June 7.
- Fiber receiving device.** O. A. Benoit. 2,141,782; Dec. 27.
- Fiber, Synthetic.** W. H. Carothers. 2,130,948; Sept. 20.
- Fiber treatment.** H. L. Siever. 2,115,218; Apr. 26.
- Fiber treatment and product.** J. L. Goodale. 2,131,040; Sept. 27.
- Fibers and for making elastic yarn, Method and apparatus for treating textile.** B. H. Foster. 2,139,320; Dec. 6.
- Fibers and making same, Wool-like artificial.** A. von Weinberg, H. Rein, and O. Eisenhut. 2,109,306; Feb. 22.
- Fibers and/or the mean weight per unit of length of similar fibers, Manner of and apparatus for ascertaining the mean length of cotton or like.** C. Nanjundayya. 2,107,616; Feb. 8.
- Fibers, Apparatus for liberating useful.** R. W. McLean. 2,120,108; June 7.
- Fibers, Apparatus for the treatment of.** W. T. Brown. 2,108,578; Feb. 15.
- Fibers, Device for measuring the length of.** J. I. Hardy. 2,120,358; June 14.
- Fibers, Dyeing mixed.** K. Brodersen and A. Peters. 2,121,337; June 21.
- Fibers, Improving the electrical resistance of animal.** A. C. Goodings. 2,109,087; Feb. 22.
- Fibers, Making wool-like-artificial.** A. von Weinberg, H. Rein, and O. Eisenhut. 2,109,307; Feb. 22.
- Fibers, Manufacture of artificial staple.** O. F. von Kohorn zu Kornegg. 2,134,160; Oct. 25.
- Fibers, Method and apparatus for making and treating artificial.** H. C. Forrester. 2,108,285; Feb. 15.
- Fibers, Method and apparatus for strengthening.** D. Kleist and J. H. Thomas. 2,121,802; June 28.
- Fibers, Method and apparatus for the production of.** A. Formhals. 2,116,942; May 10.
- Fibers, Method and apparatus for the production of.** A. Formhals. 2,123,992; July 19.
- Fibers, Method and apparatus for treating textile.** B. H. Foster. 2,110,215; Mar. 8.
- Fibers of lechuguilla plant and related species, Process of and apparatus for isolating and treating the.** G. J. Nord. 2,121,210; June 21.
- Fibers, Process and composition for treating natural and artificial.** T. Koch. 2,113,325; Apr. 5.
- Fibers, Production of a high luster on dyed.** G. Landauer. 2,120,757; June 14.
- Fibers, Treating animal.** L. Frenkel. 2,111,391; Mar. 15.
- Fibers, Treating filter.** R. C. Williams. 2,112,799; Mar. 29.
- Fibrous article, Impregnated.** H. W. Baldwin. 2,132,554; Oct. 11.
- Fibrous material compounds, Production of.** H. Burmelter. 2,137,155; Nov. 15.
- Fibrous material, Conditioning.** G. Broughton. 2,132,095; Oct. 4.
- Fibrous material, Making.** H. W. Greider and M. F. Smith. 2,133,694; Oct. 18.
- Fibrous material, Treating.** W. Schrauth. 2,141,845; Dec. 27.
- Fibrous materials, Impregnating.** I. J. Novak. 2,107,304; Feb. 8.
- Fibrous product and making the same, Synthetic.** G. H. Ellis. 2,134,659; Oct. 25.
- Fibrous products.** H. A. Ellis and W. A. Slattery. 2,113,298; Apr. 5.
- Fibrous substances, Apparatus for disintegrating.** W. Finnegan. 2,120,697; June 14.
- Fibrous surfaces, Coating of.** J. Fletcher. 2,130,530; Sept. 20.
- Fibrous tapelike body and making same.** K. H. Bowen. 2,130,944; Sept. 20.
- Fibrous webs, Multiple impregnation of compressible.** M. O. Schur. 2,132,863; Oct. 11.
- Field divider.** E. H. Land. 2,106,752; Feb. 1.
- Field photostating apparatus.** V. H. Cornell. 2,134,704; Nov. 1.
- Field winding for unipolar generators.** F. T. Hague and F. R. J. Davis. 2,134,510; Oct. 25.
- Fifth wheel.** F. C. Emrick. 2,140,990; Dec. 20.
- Fifth wheel.** C. G. Seyferth. 2,106,258; Jan. 25.
- Fifth wheel.** D. W. Sherman. 2,138,679; Nov. 29.
- Fifth wheel brake.** J. Fusetti and J. Tamea. 2,130,004; Sept. 13.
- Figs, Method of and apparatus for processing.** L. C. Beckwith, R. D. Leuschner, and F. Fordham. 2,122,021; June 28.
- Figs, Treating.** C. F. Love. Re 20,923; Nov. 22.
- Figure employable for production of animated cartoon films, Deformable.** W. H. Haughton. 2,109,422; Feb. 22.
- Filament for incandescent lamps.** S. Abe, K. Setoguchi, and T. Nagai. 2,109,762; Mar. 1.
- Filament for incandescent lamps and manufacturing the same.** J. Salpeter. 2,113,905; Apr. 12.
- Filament supply system for vibrator operated receivers.** P. F. G. Holst. 2,113,139; Apr. 5.
- Filaments and apparatus therefor, Treating artificial.** A. Hartmann and J. Uytendogaart. 2,129,274; Sept. 6.
- Filaments, Apparatus for the treatment of artificial.** H. Dreyfus and W. I. Taylor. 2,123,936; July 19.
- Filaments, Drying artificial.** A. Hartmann and J. Uytendogaart. 2,129,273; Sept. 6.
- Filaments, fibers, and the like, Production of crimped artificial.** D. Finalyson and R. G. Perry. 2,139,543; Dec. 6.
- Filaments into products containing staple fiber, Apparatus for converting continuous.** W. I. Taylor and L. B. Gibbins. 2,140,566; Dec. 20.
- Filaments into products containing staple fibers, Apparatus for converting continuous.** A. McGill and H. Taylor. 2,140,535; Dec. 20.
- Filaments into yarn containing staple fiber, Conversion of continuous.** W. I. Taylor. 2,112,937-9; Apr. 5.
- Filaments like horse-hair, Producing.** G. Heberlein. 2,139,017; Dec. 6.
- Filaments, Manufacture of artificial.** W. A. Dickle. 2,112,236; Mar. 29.
- Filaments, Method and apparatus for mounting.** P. W. Krause. 2,114,844; Apr. 19.
- Filaments, Spinning artificial.** W. Whitehead. 2,136,201; Nov. 8.
- Filaments, threads, foils, and the like, Production or treatment of artificial.** C. Dreyfus and G. H. Ellis. 2,116,062; May 3.



- Filaments, threads, yarns and like materials, Manufacture or treatment of. R. W. Moncrieff and F. B. Hill. 2,118,856; May 31.
- Filaments, threads, yarns, fabrics, and the like, Treatment or artificial. H. Dreyfus. 2,118,839; May 31.
- Filaments, yarns, films, and other materials containing cellulose derivatives, Production and treatment of artificial. W. A. Dickie and P. F. C. Sowter. 2,123,934; July 19.
- Filaments, yarns, foils, films and the like containing organic derivatives of cellulose, Treatment of artificial. H. Dreyfus. 2,112,237; Mar. 29.
- Filaments, yarns, or threads, Formation of artificial. C. Hutson. 2,116,660; May 10.
- Filaments, yarns, or threads, Manufacture of artificial. W. Whitehead and C. Hutson. 2,116,548; May 10.
- File cabinet. G. E. Watkins. 2,116,370; May 3.
- File, Collapsible. S. Scheinman and J. Mandel. 2,139,520; Dec. 6.
- File fastener. W. Lang. 2,105,836; Jan. 18.
- File, Fingernail. E. Bickley. 2,117,053; May 10.
- File for correspondence and the like. W. F. Schroeder. 2,109,713; Mar. 1.
- File holder construction. J. J. Kroecker. 2,127,176; Aug. 16.
- File, Multiple unit. L. W. Karlen. 2,126,471; Aug. 9.
- File, Paper. R. J. Aston. 2,133,182; Oct. 11.
- File rest. C. Anderson. 2,138,395; Nov. 29.
- File sharpening method and apparatus. E. M. Aitken. Re. 20,914; Nov. 15.
- Filer, Fingernail. H. Troya. 2,109,580; Mar. 1.
- Filing and display case. J. H. Fedeler. 2,133,347; Oct. 18.
- Filing and finding system, Selective. R. O. Griffin. 2,134,715; Nov. 1.
- Filing and stacking equipment. C. J. Streeter. 2,104,912; Jan. 11.
- Filing cabinet, Collapsible. H. L. Fellowes. 2,121,190; June 21.
- Filing case. F. I. Smith. 2,118,239; May 24.
- Filing device. J. R. Jones and V. A. Gronberg. 2,115,389; Apr. 26.
- Filing device. B. H. Kennedy. 2,111,932; Mar. 22.
- Filing device. E. Kern. 2,136,168; Nov. 8.
- Filing device. R. M. Rickaby. 2,110,610; Mar. 8.
- Filing device. O. Stolp. 2,116,369; May 3.
- Filing device for cards and other uses, Vertical. E. H. A. Parent. 2,125,619; Aug. 2.
- Filing equipment. C. J. Streeter. 2,104,913; Jan. 11.
- Filing machine. A. J. Brickner. 2,114,994; Apr. 26.
- Filler composition and method of making. A. Thoma. 2,118,277; May 24.
- Filler for gas mask canisters. F. M. Eaton. 2,115,946; May 3.
- Filler for gas mask canisters. C. S. Fleming. 2,115,973; May 3.
- Filler material for welding. J. R. Dawson. 2,139,730; Dec. 13.
- Filler rod holder. P. Boucher. 2,121,682; June 21.
- Filling and weighing machine. A. Du Bois. 2,141,738; Dec. 27.
- Filling apparatus. L. A. Mapes. 2,126,402; Aug. 9.
- Filling apparatus. R. J. Stewart. 2,127,892; Aug. 23.
- Filling apparatus for fluid, plastic, or various other materials, Vacuum and pressure. C. F. Adams. 2,106,492; Jan. 25.
- Filling device. C. H. Ehlers. 2,115,016; Apr. 26.
- Filling device. H. Filss. 2,104,454; Jan. 4.
- Filling machine. S. F. Anderson. 2,107,274; Feb. 8.
- Filling machine. M. Goldberg. 2,139,744; Dec. 13.
- Filling machine. J. L. Lawrence. 2,122,148; June 28.
- Filling mechanism for electric fuses. E. H. Taylor. 2,108,301; Feb. 15.
- Film, Adhesive coated metallic. W. F. Grupe. 2,138,854; Dec. 6.
- Film and clip for reels, Motion picture. J. S. MacDonald. 2,128,710; Aug. 30.
- Film and making same, Cellulosic. D. E. Drew. 2,137,274; Nov. 22.
- Film and making same, Nonfibrous. N. N. Kojevnikoff. 2,123,700; July 12.
- Film and sheet of organic derivatives of cellulose. C. Dreyfus and G. Schneider. 2,106,296; Jan. 25.
- Film, Antistatic photographic. M. Marasco and B. B. Middleton. 2,139,689; Dec. 13.
- Film, Antistatic photographic. A. D. Slack and A. A. Young. 2,118,059; May 24.
- Film, Antistatic photographic. A. D. Slack and A. A. Young. 2,139,778; Dec. 13.
- Film, Apparatus for copying color. C. F. Jones. 2,122,680; July 5.
- Film, Apparatus for printing motion picture color. R. T. and T. A. Killman. 2,134,483; Oct. 25.
- Film, Apparatus for projecting lenticular. J. Eggert and G. Heymer. 2,124,139; July 19.
- Film, Buffered photographic. G. F. Nadeau. 2,139,767; Dec. 13.
- Film, Color. F. Noack. 2,118,519; May 24.
- Film color controlling apparatus, Picture. K. R. Hoyt. 2,129,060; Sept. 6.
- Film container, Motion picture. H. Becker. 2,123,495; July 12.
- Film cradle and drying rack, Combined. L. S. Pinkham. 2,122,723; July 5.
- Film cut-out. L. J. Barwood. 2,134,392; Oct. 25.
- Film deposition. K. H. Fulton and J. L. Illig. 2,136,681; Nov. 15.
- Film developing apparatus. I. T. Parker. 2,122,916; July 5.
- Film developing apparatus. J. F. Van Leuven. 2,123,445; July 12.
- Film developing device. E. Pless. 2,112,605; Mar. 29.
- Film developing machine. W. L. Douden. 2,111,759; Mar. 22.
- Film developing method. R. A. Webster. 2,140,438; Dec. 13.
- Film developing rack. J. T. Lynch. 2,120,706; June 14.
- Film distributing mechanism, Mobile. P. J. Massey, W. F. Thiele and B. F. Raprager. 2,105,982; Jan. 18.
- Film driving element. R. V. Terry. 2,137,037; Nov. 15.
- Film driving means. L. B. Hoffmann. 2,108,337; Feb. 15.
- Film driving mechanism. E. D. Cook. 2,109,767; Mar. 1.
- Film driving mechanism. E. L. Fischer. 2,106,974; Feb. 1.
- Film driving mechanism. A. L. Jeanne. 2,113,256; Apr. 5.
- Film extinguishing equipment. R. E. Wallace and A. C. F. West. 2,141,232; Dec. 27.
- Film feed and shutter, Cinematographic intermittent. A. L. V. C. Deblie. 2,106,115; Jan. 18.
- Film feeding mechanism. A. J. Holman. 2,110,875; Mar. 15.
- Film feeding mechanism. P. Lira. 2,122,946; July 5.
- Film feeding mechanism. W. J. Morrissey. 2,115,738; May 3.
- Film-forming material and making the same, Stable. W. D. Bowlby. 2,108,001; Feb. 8.
- Film gate. F. E. Kunge. 2,111,741; Mar. 22.
- Film gate and framing mechanism. C. L. Fitz. 2,140,738; Dec. 20.
- Film gate construction. A. Nagel. 2,126,341; Aug. 9.
- Film guide for film magazines. L. R. Martin. 2,105,254; Jan. 11.
- Film guiding apparatus, Motion picture. A. W. Munson. 2,133,109; Oct. 11.
- Film handling apparatus. W. D. Foster. 2,135,500; Nov. 8.
- Film handling apparatus. C. J. Hughey. 2,135,817; Nov. 8.
- Film, High speed infrared. W. Barth and H. H. Duerr. 2,134,546; Oct. 25.
- Film holder. D. M. Grist. 2,121,225; June 21.
- Film holder, Miniature. A. E. Schubert. 2,110,475; Mar. 8.
- Film in daylight, Apparatus for developing. J. Eggert and F. Luft. 2,108,982; Feb. 22.
- Film locking mechanism. C. W. Crumrine. 2,132,680; Oct. 11.
- Film magazine. A. J. Abrams. 2,137,601; Nov. 22.
- Film magazine. L. Goldhammer and P. Frost. 2,106,374; Jan. 25.
- Film magazine for amateur motion picture cameras. E. S. Porter. Re. 20,622; Jan. 11.
- Film manufacture. S. J. Carroll. 2,119,702; June 7.
- Film, Manufacture of lenticular stencil. G. Heymer. 2,125,162; July 26.
- Film, Manufacture of photographic. G. F. Nadeau. 2,133,110; Oct. 11.
- Film, Moistureproofed. M. Marasco. 2,140,089; Dec. 13.
- Film motion filter. H. J. Hasbrouck, Jr. 2,112,894; Apr. 5.
- Film movement, Mechanism for causing intermittent. O. J. Holmes. 2,117,806; May 17.
- Film operating mechanism for cameras. H. Mulch. 2,138,068; Nov. 29.
- Film pack, Color. A. H. MacDonald. 2,108,073; Feb. 15.
- Film pack construction. J. Isaac. 2,110,486; Mar. 8.
- Film package. J. K. Rulon. 2,112,816; Mar. 29.
- Film patch. R. C. Mercer. 2,118,854; May 31.
- Film-phonograph for reducing a sound track and re-photographing the reduced track onto a narrow independent film remote from the master film. D. Canady. 2,117,145; May 10.
- Film, Photographic stripping. G. F. Nadeau. 2,140,648; Dec. 20.
- Film, Pleating. J. H. Brown. 2,130,838; Sept. 20.
- Film printer, Nonslip. E. W. Kellogg. 2,133,820; Oct. 18.
- Film processing. V. Krupa. 2,106,751; Feb. 1.
- Film projecting apparatus. W. Volgt. 2,137,070; Nov. 15.
- Film projecting mechanism. H. Griffin and A. Kindelmann. 2,134,916; Nov. 1.
- Film pull-down mechanism. A. W. Tondreau. 2,124,322; July 19.
- Film record for sound reproduction, Manufacturing an endless. S. Konisht. 2,121,170; June 21.
- Film reel. I. Marks. 2,119,943; June 7.
- Film reel. J. M. Oldham. 2,132,043; Oct. 4.
- Film reel and film attaching means therefor. J. M. Goldberg. 2,107,530; Feb. 8.
- Film reel, Moving picture. J. M. Goldberg. 2,105,530; Jan. 18.
- Film reeler, Photographic. H. L. Williams. 2,120,724; June 14.
- Film removing apparatus, Electrolytic. J. J. Buchser. Re. 117,204; May 17.
- Film rewind device. J. M. Goldberg. 2,132,024; Oct. 4.
- Film rewind take up. B. J. Klerup. 2,113,845; Apr. 12.
- Film, Sound. W. Michaelis. 2,136,143; Nov. 8.



- Film splicing apparatus. O. Wittel. 2,126,298; Aug. 9.  
 Film strip. O. Wittel. 2,105,238; Jan. 11.  
 Film, Subbing photographic. G. S. Babcock. 2,110,496; Mar. 8.  
 Film, Subbing photographic. G. F. Nadeau. 2,135,524; Nov. 8.  
 Film surfacing machine, Motion-picture. K. R. Hoyt. 2,125,260; July 26.  
 Film-treating device. L. Soman. 2,117,828; May 17.  
 Film treating device, Continuous. G. Schubert. 2,124,085; July 19.  
 Film, Treating photographic. A. M. Gundelfinger. 2,141,354; Dec. 27.  
 Film viewing device. I. E. Goldman. 2,129,759; Sept. 13.  
 Film winding mechanism. J. Mihalyi. 2,140,445; Dec. 13.  
 Film winding mechanism, Cinematographic. T. Shimizu. 2,135,357; Nov. 1.  
 Film, Winding roll. A. Knodel. 2,129,847; Sept. 13.  
 Films and color photographs, Production of color. P. Nespor. 2,133,713; Oct. 18.  
 Films and making the same, Coated. F. M. Meigs. 2,122,433; July 5.  
 Films, Apparatus for applying mobile. P. J. Massey, W. F. Thiele and B. F. Raprager. 2,105,488; Jan. 18.  
 Films, Apparatus for casting. C. Scott. 2,115,044; Apr. 26.  
 Films, Apparatus for developing. G. M. Dye. 2,124,106; July 19.  
 Films, Apparatus for manufacturing rubber hydrochloride. W. C. Calvert. 2,134,172; Oct. 25.  
 Films, Apparatus for producing combined sound and motion picture. W. J. Morrissey. 2,118,894; May 31.  
 Films, Apparatus for projecting picture or sound. H. F. Nissen. 2,105,698; Jan. 18.  
 Films, Arrangement for copying lenticular. A. Dervieux. 2,130,537; Sept. 20.  
 Films, Composite carbohydrate. H. A. Levey. 2,137,171; Nov. 15.  
 Films, Copying goffered. A. H. J. de L. Saint Genies. 2,113,476; Apr. 5.  
 Films, Copying lenticular photographic. G. Heymer. 2,138,097; Nov. 29.  
 Films, Developing motion picture. W. L. Douden. 2,139,224; Dec. 6.  
 Films for color photography and the processing thereof, Composite layer. H. D. Murray and D. A. Spencer. 2,140,847; Dec. 20.  
 Films for developing and fixing, Device for holding cut photographic. J. C. Rieger. 2,118,738; May 24.  
 Films having pictures or letters, Making "urushi" or Japanese lacquer. A. Ozawa. 2,131,330; Sept. 27.  
 Films made from viscose to paper and the like, Applying. C. Scott. 2,104,057; Jan. 4.  
 Films, Manufacture of resin. R. H. Talbot. 2,119,727; June 7.  
 Films, Manufacture of rubber. P. H. Watkins. 2,132,501-2; Oct. 11.  
 Films, Mechanism for winding endless. D. von Mihaly. 2,115,503; Apr. 26.  
 Films on aluminum and its alloys, Coloration of artificially produced oxide. F. Hill and J. A. Radley. 2,132,620; Oct. 11.  
 Films on aluminum and its alloys, Coloring oxide. F. Hill and J. A. Radley. 2,132,619; Oct. 11.  
 Films or the like, Device for holding. H. Karl. 2,122,474; July 5.  
 Films, Package of dental X-ray. W. O. McHugh. 2,127,365; Aug. 16.  
 Films, Production of self-sustaining transparent. H. A. Levey. 2,137,168; Nov. 15.  
 Films, Reproduction and projection of goffered. A. H. J. de L. Saint Genies. 2,105,797; Jan. 18.  
 Films, Reproduction of goffered. A. H. J. D. St. Genies. 2,136,327; Nov. 8.  
 Films, Reproduction of lenticular. A. H. J. D. L. Saint Genies. 2,106,933; Feb. 1.  
 Films, sheets, and similar materials, Production of effects in. B. E. M. Miller. 2,130,360; Sept. 20.  
 Filter: See—  
   Air filter. Light filter.  
   Band pass filter. Multicolor filter.  
   Cassette filter. Oil filter.  
   Color filter. Paint spray filter.  
   Drum filter. Rechargeable filter.  
   Electric filter. Respirator filter.  
   Electromechanical wave filter. Rotary filter.  
   Film motion filter. Self-cleaning filter.  
   Glass filter. Wave filter.  
 Filter. L. E. Booth. 2,113,823; Apr. 12.  
 Filter. C. A. Campbell. 2,135,100; Nov. 1.  
 Filter. W. P. Dalrymple. 2,108,798; Feb. 22.  
 Filter. A. C. Daman. 2,111,843; Mar. 22.  
 Filter. L. Durgen. 2,134,967; Nov. 1.  
 Filter. J. W. Fitz Gerald. 2,110,124; Mar. 8.  
 Filter. A. Knecht. 2,136,853; Nov. 15.  
 Filter. M. J. Martin. 2,136,660; Nov. 15.  
 Filter. C. H. Miller. 2,113,823; Apr. 12.  
 Filter. J. R. Miller. 2,116,537; May 10.  
 Filter. F. L. Myers. 2,137,246; Nov. 22.  
 Filter. J. R. Nooney. 2,130,287; Sept. 13.  
 Filter. R. F. Norris. 2,122,582; July 5.  
 Filter. E. L. Pfanz. 2,115,232; Apr. 26.  
 Filter. H. J. Somers. 2,130,107; Sept. 13.  
 Filter. A. G. Thomas. 2,134,061; Oct. 25.  
 Filter. L. W. Watson. 2,104,473; Jan. 4.  
 Filter. L. W. Williams and G. A. Arnold. 2,126,938; Aug. 16.  
 Filter. L. W. Williams and G. A. Arnold. 2,133,004; Oct. 11.  
 Filter. E. L. Wood. 2,107,406; Feb. 8.  
 Filter. E. L. Wood. 2,129,188; Sept. 6.  
 Filter and humidifier, Air. H. A. Faber. 2,106,025; Jan. 18.  
 Filter and method of operation. R. D. Elliott. 2,134,114; Oct. 25.  
 Filter and utilizing the same, Radiation. H. Kott. 2,109,235; Feb. 22.  
 Filter assembly. A. Munoz. 2,134,413; Oct. 25.  
 Filter bed cleaner. P. B. Streander. 2,131,002; Sept. 20.  
 Filter bodies of particles of glass, Making porous. P. Prausnitz. 2,114,748; Apr. 19.  
 Filter construction. A. H. Weisser. 2,136,200; Nov. 8.  
 Filter contrivance for the removal of impurities from gaseous or liquid media. W. Bartsch. 2,129,985; Sept. 13.  
 Filter drum construction. L. E. Cobb. 2,134,703; Nov. 1.  
 Filter element and making the same. H. D. Austin. 2,131,004; Sept. 20.  
 Filter-fan-lamp equipment. D. A. Sargent. 2,136,254; Nov. 8.  
 Filter for change of wave, Band-pass. R. Weber. 2,129,293; Sept. 6.  
 Filter for filter type respirators. N. Schwartz. 2,106,257; Jan. 25.  
 Filter for railroad cars, Air. A. E. Voigt. 2,136,065; Nov. 8.  
 Filter for wall register, Air. M. Harding. 2,135,750; Nov. 8.  
 Filter for X-rays and similar rays. B. B. Raney. 2,139,098; Dec. 6.  
 Filter glass holder. F. M. Bowers. 2,105,071; Jan. 11.  
 Filter including space discharge device. E. T. Burton. 2,106,793; Feb. 1.  
 Filter mechanism. C. A. Winslow. 2,134,385; Oct. 25.  
 Filter or separator, Centrifugal. J. Fillinger. 2,114,778; Apr. 19.  
 Filter pad. H. M. Gaarder. 2,138,736; Nov. 29.  
 Filter pad, Interiorly supported. H. M. Gaarder. 2,124,370; July 19.  
 Filter press. W. R. McKenna. 2,122,259; June 28.  
 Filter system for high frequency electric waves. G. C. Southworth. 2,106,768; Feb. 1.  
 Filter treatment. A. S. Behrman. 2,123,092; July 5.  
 Filter unit. A. H. Brundage. 2,141,903; Dec. 27.  
 Filter unit. F. L. Myers. 2,138,874; Dec. 6.  
 Filter unit. C. J. van Loon. 2,111,710; Mar. 22.  
 Filter with renewable filtering element, Oil. F. L. Rohrbach. 2,117,361; May 17.  
 Filtering. R. D. and M. J. Elliott. 2,106,318; Jan. 25.  
 Filtering apparatus. J. H. Kriek. 2,106,218; Jan. 25.  
 Filtering means for liquid containers. E. W. Erikson and N. M. Nesset. 2,121,123; June 21.  
 Filtering method and apparatus. F. W. Padgett. 2,111,720; Mar. 22.  
 Filtering unit for lubricant-circulating systems of internal combustion engines having overhead valves. W. C. Bauer. 2,119,619; June 7.  
 Filtration device, Centrifugal. J. Harrington. 2,113,321; Apr. 5.  
 Filtration system, Electric. F. G. Cottrell. 2,116,509; May 10.  
 Finding device for index cards, notes, or the like arranged in or on conveying devices. O. A. Becker. 2,130,376; Sept. 20.  
 Fine grain translucent screen. R. H. Draeger. 2,132,405; Oct. 11.  
 Fine grinding mill. E. V. Francis. 2,105,766; Jan. 18.  
 Fine spinning frame. E. Kato. 2,107,378; Feb. 8.  
 Finger exercising device. H. Scott. 2,108,236; Feb. 15.  
 Fingerprinting. M. E. Freudenheim. 2,104,586; Jan. 4.  
 Finger ring. A. A. Ahlquist. 2,118,335; May 24.  
 Finger ring. A. E. Dixon. 2,137,835; Nov. 22.  
 Finger ring. T. E. Foster. 2,119,229; May 31.  
 Finger ring. H. G. Joyce. 2,121,201; June 21.  
 Finger ring. N. Levy. 2,138,640; Nov. 29.  
 Finger ring. I. Roskin. 2,136,218; Nov. 8.  
 Finger ring. H. Sloss. 2,123,666; July 12.  
 Fingering attachment for stringed musical instrument. J. J. Richman. 2,117,628; May 17.  
 Fingers of hop picking machines clean, Keeping the picking. E. C. Horst. 2,114,712; Apr. 19.  
 Finish, Colored metallic. D. G. Higgins. 2,139,824; Dec. 13.  
 Finish material, Design embossed high luster. B. S. Armor and J. J. Walsh. 2,131,882; Oct. 4.  
 Finish, Wall. O. V. McGrew. 2,130,357; Sept. 20.  
 Finishes on articles of manufacture, System of deriving decorative. L. V. Casto. 2,104,790; Jan. 11.  
 Finishing. J. Visser. 2,141,496; Dec. 27.  
 Finishing and polishing machine. C. J. Lippold. 2,119,954; June 7.  
 Finishing composition and flattening agent for use therein. R. E. Parry. 2,125,951; Aug. 9.  
 Finishing cutter. E. Reaney. 2,136,954; Nov. 15.



- Finishing machine. R. B. Woodcock and H. Boothroyd. 2,105,388; Jan. 11.
- Finishing machine. Adjustable. G. A. Carlson. 2,106,082; Jan. 18.
- Finned structure and method of making same. L. Niemchek. 2,117,445; May 17.
- Finned tube. R. H. Stone and E. F. Tilley. 2,118,060; May 24.
- Fins to tubes, Welding. T. F. Birmingham. 2,107,435; Feb. 8.
- Fire alarm. J. K. Grondahl. 2,124,488; July 19.
- Fire alarm box. R. B. Long. 2,106,849; Feb. 1.
- Fire alarm, police alarm, and intercommunicating system, Combined. B. E. Cover. 2,129,345; Sept. 6.
- Firearm. M. A. Browning. 2,118,536; May 24.
- Firearm. H. L. Crockett. 2,116,618; May 10.
- Firearm. J. Hasek. 2,117,885; May 17.
- Firearm. O. Horsrud. 2,127,919; Aug. 23.
- Firearm. G. S. Lewis. 2,126,788; Aug. 16.
- Firearm. C. C. Loomis. 2,125,350; Aug. 2.
- Firearm. E. G. Reising. 2,109,578; Mar. 1.
- Firearm. E. G. Reising. 2,136,119; Nov. 8.
- Firearm. R. C. Robertson. 2,132,761; Oct. 11.
- Firearm. A. Seidel. 2,117,826; May 17.
- Firearm. A. Seidel. 2,138,213; Nov. 29.
- Firearm. W. L. Swartz. 2,140,946; Dec. 20.
- Firearm and spotlight, Combined. L. W. Cooper. 2,108,475; Feb. 15.
- Firearm, Automatic. R. Darne. 2,124,911; July 26.
- Firearm, Automatic. G. End. 2,130,383; Sept. 20.
- Firearm, Automatic. G. Engel and A. Winter. 2,133,661; Oct. 18.
- Firearm, Automatic. V. Holec. 2,115,526; Apr. 26.
- Firearm, Automatic. C. Sutter and A. Boussel. 2,108,026; Feb. 8.
- Firearm, Automatic loading. A. Obregon. 2,115,041; Apr. 26.
- Firearm balancer. W. L. Swartz. 2,140,945; Dec. 20.
- Firearm barrel, Composite. T. I. S. Boak. 2,137,259; Nov. 22.
- Firearm, Breakdown. W. C. Roemer. 2,125,956; Aug. 9.
- Firearm frame and making same. E. Pugsley. 2,137,808; Nov. 22.
- Firearm, Gas operated automatic. M. A. Browning. 2,116,141; May 3.
- Firearm, Multiple-barrel. L. Stiennon. 2,106,416; Jan. 25.
- Firearm, Repeating. V. A. Browning. 2,104,581; Jan. 4.
- Firearm, Repeating. V. A. Browning. 2,108,648; Feb. 15.
- Firearm, Repeating. M. A. Browning. 2,127,838; Aug. 23.
- Firearm, Repeating. H. F. Mossberg. 2,105,752; Jan. 18.
- Firearm, Slide-action. W. C. Roemer. 2,126,816; Aug. 16.
- Firearm, Tubular magazine repeating. C. E. Blizard. 2,129,729; Sept. 13.
- Firearms, Adjustable rear-sight for. F. F. Burton. 2,112,268; Mar. 29.
- Firearms, Arrangement for controlling. R. Defives. 2,115,483; Apr. 26.
- Firearms, Illuminating aiming attachment for. C. B. Osborn. 2,140,880; Dec. 20.
- Firearms sighting device. F. M. Eslick. 2,128,526; Aug. 30.
- Firebox, Locomotive. G. J. Christenson. 2,112,953; Apr. 5.
- Fire box, Oil-burning. W. B. Graham. 2,134,871; Nov. 1.
- Fire control apparatus. P. Evans. 2,138,149; Nov. 29.
- Fire control system, Nocturnal antiaircraft. E. R. House. 2,131,952; Oct. 4.
- Firecrackers and the like, Device for holding. R. E. Schooley. 2,129,039; Sept. 6.
- Fire detecting and alarm mechanism. J. H. Derby. 2,107,525; Feb. 8.
- Fire detecting device. V. Durbin. 2,113,296; Apr. 5.
- Fire escape. L. Foaty and T. and F. J. Laurent. 2,122,315; June 28.
- Fire escape for buildings, Safety. A. Samperi. 2,119,444; May 31.
- Fire extinguisher. F. A. Dodelin. 2,118,593; May 24.
- Fire extinguisher. F. A. Dodelin. 2,120,465; Sept. 6.
- Fire extinguisher. P. Evans. 2,127,395; Aug. 16.
- Fire extinguisher. G. E. Ferguson. 2,118,597; May 24.
- Fire extinguisher. H. Leipold. 2,132,035; Oct. 4.
- Fire extinguisher. J. P. Miller and F. Delavan. 2,116,319; May 3.
- Fire extinguisher. F. Mossberg. 2,115,371; Apr. 26.
- Fire extinguisher. G. Schant. 2,117,684; May 17.
- Fire extinguisher, Hand operated. R. M. Urquhart. 2,107,313; Feb. 8.
- Fire extinguisher holder. R. W. Dunica. 2,100,821; Mar. 1.
- Fire extinguisher support. H. E. Helgis. 2,139,634; Dec. 6.
- Fire extinguisher system. J. L. Sent. 2,132,132; Oct. 4.
- Fire extinguishing and preventing foam, base therefor, and producing the same. O. E. Hood. 2,122,883; July 5.
- Fire extinguishing foam, Apparatus and method for producing. M. Betzler. 2,138,133; Nov. 29.
- Fire extinguishing foam, Method of and agent for producing. L. G. M. Timpson. 2,135,365; Nov. 1.
- Fire extinguishing method and medium. H. Bertsch. 2,136,963; Nov. 15.
- Fire extinguishing system and apparatus. J. C. Wood. 2,125,057; July 26.
- Fire fighting tool. J. H. Wegner. 2,109,488; Mar. 1.
- Fire hose rack. J. N. Schichtel. 2,111,811; Mar. 22.
- Fire, Imitation. A. E. Newton. 2,131,410; Sept. 27.
- Fireplace. E. W., C. G., and C. W. Fogerty. 2,104,254; Jan. 4.
- Fireplace. J. W. Holz. 2,120,977; June 21.
- Fireplace construction. D. L. Cage. 2,110,060; Mar. 1.
- Fireplace heater. G. B. Gallup. 2,132,563; Oct. 1.
- Fireplace hot air circulator. T. B. Winnett. 2,134,935; Nov. 1.
- Fireplace, Rotary. D. T. Borgstrom. 2,122,635; July 5.
- Fire prevention apparatus for motion picture projecting machines. W. M. Halburton and R. X. Vandette. 2,126,108; Aug. 9.
- Fire protection unit. J. A. Brown. 2,133,376; Oct. 18.
- Fire protecting device for air cooled engines. J. G. Dintilhac. 2,129,826; Sept. 13.
- Fire protecting device with film projectors in cinemas. P. Sebastiani. 2,136,322; Nov. 8.
- Fire protecting means. J. Humblet. 2,106,376; Jan. 25.
- Fire resistant composition. H. Dodd. 2,124,288; July 19.
- Fires, Apparatus for detecting. D. A. Felton. 2,118,837; May 31.
- Fires, Apparatus for extinguishing forest. J. Raleigh. 2,119,962; June 7.
- Fires in holds, etc., Apparatus for detecting. H. H. Carter. 2,118,836; May 31.
- Fireworks. A. Cimatori. 2,130,068; Sept. 13.
- Fireworks. J. Haslum. 2,128,586; Aug. 30.
- Firing apparatus for furnaces. C. Cone. 2,140,785; Dec. 20.
- Firing device for automatic guns. J. Wright and H. Trevasikis. 2,135,688; Nov. 8.
- Firing mechanism for automatic firearms. M. A. Browning. 2,116,139-40; May 3.
- Firing pin arrangement for guns. R. W. Hoagland and C. M. Shepherd. 2,135,005; Nov. 1.
- Fish and product thereof, Treating. M. L. Brenner and V. Schwab. 2,120,237; June 14.
- Fish cleaning and filleting machine. C. G. Ullin. 2,105,207; Jan. 11.
- Fish cooking apparatus and method. D. D. E. Peebles, P. D. V. Manning, and A. H. Potbury. 2,131,902; Oct. 4.
- Fish-cutting machine. E. David and S. Szody. 2,110,416; Mar. 8.
- Fish cutting machine. E. David and S. B. Szody. 2,140,575; Dec. 20.
- Fish for filleting, Preparing. W. H. Hunt. 2,137,291; Nov. 22.
- Fish gaff, Folding barb. W. S. Blodgett and L. R. Blodgett. 2,118,147; May 24.
- Fishhook. C. Bryan. 2,106,370; Jan. 25.
- Fish hook. C. J. E. Elason. 2,123,598; July 12.
- Fishhook. J. Schott. 2,124,263; July 19.
- Fish hook and bait retainer therefor. J. Kosten. 2,115,493; Apr. 26.
- Fishhook holder. W. Wooten. 2,130,112; Sept. 13.
- Fish ladder assembly. B. L. Peterson. 2,119,555; June 7.
- Fishline drying reel. E. Erickson. 2,129,916; Sept. 13.
- Fishline reel. F. C. Griswold. 2,120,068-9; June 7.
- Fishline sinker. D. M. Bardon. 2,111,958; Mar. 22.
- Fish lure. C. N. Anderson. 2,112,904; Apr. 5.
- Fish lure. P. S. Bear. 2,116,994; May 10.
- Fish lure. G. Beck. 2,121,114; June 21.
- Fish lure. G. Beck. 2,127,761; Aug. 23.
- Fish lure. J. E. Brown. 2,119,417; May 31.
- Fish lure. J. W. Harvey. 2,134,401; Oct. 25.
- Fish lure. J. L. Martz. 2,133,032; Oct. 11.
- Fish lure. J. McArthur. 2,106,755; Feb. 1.
- Fish lure. J. McArthur. 2,123,951; July 19.
- Fish lure. F. A. Osburn. 2,125,030; July 26.
- Fish lure. J. Salm. 2,124,152; July 19.
- Fish lure. H. F. Smith. 2,112,385; Mar. 29.
- Fish lure. W. J. Stenstrom. 2,129,245; Sept. 6.
- Fish lure, Artificial. J. H. Johnson. 2,124,822; July 26.
- Fish lure, Electrically Illuminated. E. J. O. Saelen. 2,122,215; June 28.
- Fish lure, Weed resisting. T. E. Schnabel. 2,136,713; Nov. 15.
- Fish, Method and apparatus for determining the migration of. E. H. Dahlgren. 2,121,787; June 28.
- Fish over a dam structure, Method and apparatus for transferring migratory. H. B. Holmes, H. E. Blood, and M. C. Bell. 2,119,540; June 7.
- Fish plug. J. E. Breuer. 2,127,039; Aug. 23.
- Fish pole holder. L. E. Huntley. 2,139,826; Dec. 13.
- Fish race apparatus. L. I. Lovensheim. 2,117,646; May 17.
- Fish reel brake. L. Benson. 2,129,903; Sept. 13.
- Fish sealing apparatus. C. J. Rindt. 2,110,311; Mar. 8.
- Fish sealing machine. S. M. Godfrey. 2,128,607; Aug. 30.
- Fish tackle box. O. V. Myers. 2,138,190; Nov. 20.
- Fishtrap. C. M. Nordenstam. 2,119,828; June 7.
- Fishing bobber. W. S. Barnhart. 2,138,899; Sept. 6.
- Fishing device. C. R. Parker. 2,128,315; Aug. 30.
- Fishing device. A. M. Zamborsky. 2,100,045; Jan. 19.



- Fishing device for oil wells. R. H. Giesey. 2,113,883; Apr. 12.
- Fishing hook. K. D. Johnson. 2,120,863; June 14.
- Fishing hook. N. T. Marcelli. 2,107,489; Feb. 8.
- Fishing leader, Automatic. H. G. Grell. 2,130,543; Sept. 20.
- Fishing leader reel. A. H. Krimmel. 2,137,618; Nov. 22.
- Fishing line. L. Burr. 2,108,598; Feb. 15.
- Fishing line attachment. O. Bulow. 2,119,418; May 31.
- Fishing line drying reel. F. P. White. 2,141,579; Dec. 27.
- Fishing line float. J. D. Wallace and M. V. Sullenger. 2,133,880; Oct. 18.
- Fishing lure. C. F. Barrett. 2,133,884; Oct. 18.
- Fishing lure. J. A. Neff. 2,117,206; May 10.
- Fishing pole holder, Foldable. A. S. Haislip. 2,139,188; Dec. 6.
- Fishing reel. W. G. Balz. 2,134,099; Oct. 25.
- Fishing reel. F. M. Case. 2,130,581; Sept. 20.
- Fishing reel. A. Lauterbach. 2,120,334; June 14.
- Fishing reel. A. J. Marshaus. 2,141,817; Dec. 27.
- Fishing reel. H. F. Maynes. 2,130,670-1; Sept. 20.
- Fishing reel. E. J. McMahon. 2,123,141; July 5.
- Fishing reel. J. S. Norton. 2,132,430; Oct. 11.
- Fishing reel. E. B. Perrine. 2,129,443; Sept. 6.
- Fishing reel. S. G. Russell and F. Burdick. 2,124,634; July 26.
- Fishing reel. J. V. Schafer. 2,129,386; Sept. 6.
- Fishing reel. J. V. Schafer. 2,141,726; Dec. 27.
- Fishing reel, Automatic. F. M. Case, by L. H. Case. 2,124,524; July 26.
- Fishing reel, Line leveling. F. M. Grieten. 2,111,447; Mar. 15.
- Fishing rod handle. W. G. Pontis. 2,116,158; May 3.
- Fishing rod holder. T. L. C. Smoot. 2,127,790; Aug. 23.
- Fishing rod, Laminated. F. M. O'Brien, Jr. 2,104,494; Jan. 4.
- Fishing rod reel. E. N. Moor; Elizabeth C. Moor, owner by decree of distribution. 2,116,581; May 10.
- Fishing sinker. A. O. Sarff. 2,135,536; Nov. 8.
- Fishing spinner, Noncooking. R. W. Ledrich. 2,131,858; Oct. 4.
- Fishing tackle. J. G. Lawrence. 2,119,504; May 31.
- Fishing tool. C. F. Moseley. 2,108,499; Feb. 15.
- Fishing tool. A. H. Neilson. 2,123,791; July 12.
- Fishing tool. E. E. Pryor. 2,128,430; Aug. 30.
- Fishing tool, Electrohydraulic. G. F. Turechek and E. R. Smith. 2,118,991; May 31.
- Fishing tool, Over-shot. W. S. Jones. 2,110,602; Mar. 8.
- Fishing tool, Releasable. J. F. Bozeman. 2,123,036; July 5.
- Fishing tool, Water circulating. W. J. Flury. 2,124,772; July 26.
- Fitting. A. Minella. 2,141,797; Dec. 27.
- Fitting. H. D. Stecher. 2,119,448; May 31.
- Fitting, Adjustable railing. A. E. Hohmeister. 2,115,953; May 3.
- Fitting, Adjustable take off. F. P. D'Esopo. 2,119,319; May 31.
- Fitting and manufacture thereof. J. E. Gray and W. M. Parker. 2,120,067; June 7.
- Fitting for baths and the like, Waste. F. Klein. 2,137,496; Nov. 22.
- Fitting for collapsible tubs. W. C. Baxter. 2,137,223; Nov. 22.
- Fitting for fluid circulating systems. W. Dalton. 2,113,398; Apr. 5.
- Fitting for gas dispensing systems, Combination. L. J. White. 2,121,675; June 21.
- Fitting for parallel corrugated flexible hose, Renewable. P. L. Lake. 2,113,211; Apr. 5.
- Fitting for suspenders, End. F. A. Knoll. 2,124,671; July 26.
- Fitting for tubular incandescent lamps. K. Wiegand and F. Görtz. 2,108,633; Feb. 15.
- Fitting, Ground. S. W. Borden. 2,132,843; Oct. 11.
- Fitting, Grounding. L. H. Church. 2,114,014; Apr. 12.
- Fitting, Grounding. L. H. Church. 2,127,840; Aug. 23.
- Fitting, Grounding. G. C. Thomas, Jr. 2,112,053; Mar. 22.
- Fitting, Oil supply. W. M. Harks. 2,130,085; Sept. 13.
- Fitting, Pothead. J. B. Webb. 2,104,108; Jan. 4.
- Fitting, Take-off. A. O. La Ducer. 2,133,706; Oct. 18.
- Fitting, Waste and overflow. G. B. Nystrom. 2,122,620; July 5.
- Fittings and the like, Making metal. F. B. Wendel. 2,138,199; Nov. 29.
- Fittings, Making. C. H. Crawley. 2,119,420; May 31.
- 5-nitro-phthalide, Hydrogenating. P. R. Austin. 2,130,480; Sept. 20.
- Fixture. E. F. Guth. 2,121,430; June 21.
- Fixture, Article assembling. H. S. Pike. 2,129,869; Sept. 13.
- Fixture, Article display. F. E. Elmer. 2,123,695; July 12.
- Fixture, Automatic contour shaping. B. D. Brown. 2,118,806; May 31.
- Fixture, Combination. E. C. Ballman. 2,123,071; July 5.
- Fixture, Curtain and drapery. T. Castello. 2,117,941; May 17.
- Fixture, Display. W. C. Adams. 2,120,197; June 7.
- Fixture, Display. R. L. Mapson. 2,109,255; Feb. 22.
- Fixture, Electric. A. A. Johnson. 2,133,099; Oct. 11.
- Fixture, Electric. I. Litner. 2,127,124; Aug. 16.
- Fixture for filing articles. V. J. Crisler and W. J. Friedland. 2,121,183; June 21.
- Fixture for milling machines. W. Melin. 2,104,267; Jan. 4.
- Fixture, Globe type explosionproof. P. D. Phillips. 2,131,117; Sept. 27.
- Fixture, Grinding. P. E. Lehman. 2,141,187; Dec. 27.
- Fixture, Illuminating. J. A. Hoeveler. 2,138,635; Nov. 29.
- Fixture, Light dimming. H. Hertzberg. 2,117,608; May 17.
- Fixture, Safety. F. J. Minkel. 2,140,477; Dec. 13.
- Fixture, Store. H. Malott. 2,118,213; May 24.
- Fixture support. C. C. Matthiesen. 2,120,619; June 14.
- Fixture, Toilet. D. E. Bennett. 2,109,564; Mar. 1.
- Fixture, Window. C. W. Banker. 2,141,968; Dec. 27.
- Flag device for flexible sheets. G. S. Robinson. 2,112,048; Mar. 22.
- Flag for golf courses. L. W. Weber. 2,110,101; Mar. 1.
- Flame cone or diffuser. J. McDonald. 2,105,546; Jan. 18.
- Flame control for fluid fuel burners. W. W. Williams. 2,105,626; Jan. 18.
- Flame detector. W. D. Cockrell. 2,112,736; Mar. 29.
- Flame machining and welding. F. C. Geibig and W. J. Jacobsson. 2,137,801; Nov. 22.
- Flame machining, Method of. W. J. Jacobsson and M. J. Harris. 2,125,182; July 26.
- Flame machining, Method of. H. E. Sermer. 2,125,180-1; July 26.
- Flame producing mechanism. L. V. Aronson. 2,104,965; Jan. 11.
- Flame-producing mechanism. L. V. Aronson. 2,118,692; May 24.
- Flameproofing composition. C. M. Albion. 2,128,392; Aug. 30.
- Flange, Demountable wall. H. J. Moineau. 2,127,230; Aug. 16.
- Flanged joint. A. J. Larrecq. 2,133,146; Oct. 11.
- Flanged plate timber connector. J. E. Myer and A. C. Horner. 2,117,567; May 17.
- Flanges for slip covers and the like, Forming severable. L. E. La Bombard. 2,141,161; Dec. 27.
- Flap. E. F. Zaparka. 2,115,225; Apr. 26.
- Flap and balance, Control. L. E. Tower. Re. 20,891; Oct. 18.
- Flap construction. E. F. Zaparka. 2,119,089; May 31.
- Flap on aircraft, Landing. M. Kramer. 2,130,958; Sept. 20.
- Flap operating means, Simplified. E. F. Zaparka. 2,119,305; May 31.
- Flap, Slotted deflector. R. W. Griswold, II. 2,117,607; May 17.
- Flare. L. L. Driggs, Jr. 2,124,876; July 26.
- Flare. W. J. McCloskey. 2,120,255; June 14.
- Flare. S. D. Wiley. 2,112,614; Mar. 29.
- Flare assembly. C. M. Bolser. 2,138,622; Nov. 29.
- Flare, Automatic firing. O. Gentzel. 2,110,061; Mar. 1.
- Flare, Upside down. P. E. Damon. 2,129,200; Sept. 6.
- Flash copper coating. E. T. Alvord. 2,111,199; Mar. 15.
- Flash drying control. A. R. Smith. 2,132,656; Oct. 11.
- Flash exposure device for cameras. A. C. and H. E. Hansch. 2,135,575; Nov. 8.
- Flash lamp. P. O. Cartun. 2,136,234; Nov. 8.
- Flash lamp. G. W. Whaley. 2,132,063; Oct. 4.
- Flash lamp. J. G. E. Wright and M. Pipkin. 2,114,201; Apr. 12.
- Flashlight. A. P. Brush. 2,120,238; June 14.
- Flashlight. C. F. Burgess. 2,134,856; Nov. 1.
- Flashlight. H. G. Graubner and A. G. Saurwein. 2,140,908; Dec. 20.
- Flashlight. B. F. Muldoon. 2,119,486; May 31.
- Flashlight. A. J. Scholtes. 2,124,153; July 19.
- Flashlight and circuit tester, Combined. E. O. Scheerer. 2,124,715; July 26.
- Flashlight and key ring, Combined. L. Bodor. 2,114,266; Apr. 12.
- Flashlight and shutter operating device for cameras. M. Schwartz. 2,117,509; May 17.
- Flashlight and tester, Combined. C. E. Fortine. 2,128,810; Aug. 30.
- Flashlight attachment for cameras. E. O. Elsenhand. 2,124,368; July 19.
- Flashlight combination construction. N. H. Swanson. 2,136,199; Nov. 8.
- Flashlight, Electric. T. R. Arden. 2,137,230; Nov. 22.
- Flashlight holder. O. G. Lancaster. 2,136,855; Nov. 15.
- Flashlight, One-hand focusing. E. H. Tompkins and I. T. Holihan. 2,125,038; July 26.
- Flashlight switch. W. J. Officer and O. T. Wood. 2,132,218; Oct. 4.
- Flashlight switch. W. J. Officer and O. T. Wood. 2,138,387; Nov. 29.
- Flasher, Automatic electric. R. K. Freeman. 2,122,416; July 5.
- Flashing. J. Blacher. 2,122,926; July 5.
- Flashing. E. W. Byers. 2,105,996; Jan. 18.
- Flashing block. W. F. Cox. 2,112,332; Mar. 29.
- Flashing light signal. S. C. Bryant. 2,132,097; Oct. 4.
- Flashing mechanism for neon lamps, Combined continuous and intermittent. O. M. Shattuck and M. E. Fulk. 2,122,847; July 5.
- Flashing, Sheet metal. H. Sway. 2,112,936; Apr. 5.
- Flashing signal. V. A. Leach. 2,113,273; Apr. 5.



- Flask. C. L. Graber. 2,104,704; Jan. 4.  
 Flask, Dental. J. G. Feminella. 2,117,086; May 10.  
 Flask for dental purposes. H. Königsmann. 2,119,920; June 7.  
 Flasks with thickened neck parts. Production of light-metal. H. Reinartz. 2,130,699; Sept. 20.  
 Flat head plug. L. Fink. 2,134,330; Oct. 25.  
 Flat iron holder. F. A. Dolge. 2,139,809; Dec. 13.  
 Flatiron, Liquid fuel. J. Slezak. 2,117,259; May 10.  
 Flatiron support. F. Ellinger. 2,132,611; Oct. 11.  
 Flatiron support. F. Schürch and A. Ig. 2,122,354; June 28.  
 Flatiron support. J. Slezak. 2,117,042; May 10.  
 Flat knit fabric. R. C. Amidon. 2,136,367; Nov. 15.  
 Flat knitting frame. A. Richter. 2,112,346; Mar. 29.  
 Flat screen. E. E. Johnson. 2,129,428; Sept. 6.  
 Flaw detector for electrical conductors. E. A. Sperry, Jr., and F. H. Shepard, Jr. 2,133,725; Oct. 18.  
 Flaw detector mechanism. L. J. De Lanty. 2,124,411; July 19.  
 Flaw detector mechanism. H. C. Drake. 2,106,050; Jan. 18.  
 Flaws, Detecting. H. C. Drake. 2,136,914; Nov. 15.  
 Flaws in metallic bodies, Method and apparatus for detecting. W. C. Barnes and H. W. Keevil. 2,109,455; Mar. 1.  
 Flax and the like fibers, Method of and apparatus for the treatment of. R. H. and H. G. Milburn. 2,125,800; Aug. 2.  
 Flax and the like, Process and machine for scutching. C. Decuyperre and M. Dujardin. 2,118,071; May 24.  
 Flax stalks and the like, Apparatus for mechanically treating. H. Wilkinson and N. Pilkington. 2,121,378; June 21.  
 Flesh products, Preservation of fresh. S. O. Westby and W. E. Lund. 2,110,410; Mar. 8.  
 Flexible bodies, Method of and apparatus for handling and treating. R. Pash. 2,141,931; Dec. 27.  
 Flexible compositions. H. L. Bender. 2,136,329; Nov. 8.  
 Flexible connector. H. H. Haire. 2,106,737; Feb. 1.  
 Flexible connector. H. H. Haire. 2,115,713; May 3.  
 Flexible coupling. M. B. Anderson and C. E. Swenson. 2,121,066; June 21.  
 Flexible coupling. W. T. Capps. 2,136,412; Nov. 15.  
 Flexible coupling. E. S. Dennison. 2,126,313; Aug. 9.  
 Flexible coupling. N. W. Foster. 2,116,195; May 3.  
 Flexible engine support. G. S. Tremaine. 2,116,988; May 10.  
 Flexible metal tube. F. Roemer. 2,132,189; Oct. 4.  
 Flexible screen. E. K. Pilcher. 2,116,847; May 10.  
 Flexible shaft coupling. M. W. Morgan. 2,121,507; June 21.  
 Flexible shaft coupling. H. J. Scholtze. 2,105,702; Jan. 18.  
 Flexible tube coupling. S. Guarnaschelli. 2,112,238; Mar. 29.  
 Flexing machine. E. Fogelson. 2,106,171; Jan. 25.  
 Flexure means for cementitious structures. J. Huddleston. 2,129,932; Sept. 13.  
 Flickering device. J. Tascher. 2,106,922; Feb. 1.  
 Flier. T. Harris. 2,138,857; Dec. 6.  
 Flier for spinning machines. H. E. Herr. 2,119,582; June 7.  
 Float construction. C. T. Pfueger. 2,127,667; Aug. 23.  
 Float control, Electric. J. L. Turner. 2,120,048; June 7.  
 Float, Fishing. J. A. Hingle. 2,137,341; Nov. 22.  
 Float, Fishing line. H. C. Haag. 2,125,718; Aug. 2.  
 Float for air valves. K. W. Shoemaker. 2,113,499; Apr. 5.  
 Float for liquid level indicators, Specific-gravity compensating. F. J. Renner. 2,110,490; Mar. 8.  
 Float gauge. C. Spaeth. 2,120,719; June 14.  
 Float light. R. J. Anderson. 2,119,697; June 7.  
 Float switch, Packless. F. Shenton. 2,116,415; May 3.  
 Float valve. A. J. Lippold. 2,122,866; July 5.  
 Float with signal lamp. W. S. Goertzen. 2,132,510; Oct. 11.  
 Floating device, Infant's. W. B. Scholfield. 2,133,790; Oct. 18.  
 Flocculation. A. C. Stutson. 2,126,151; Aug. 9.  
 Flock, Applying. W. F. Feinbloom. 2,106,132; Jan. 18.  
 Flock applying apparatus. W. B. Thompson. 2,105,275; Jan. 11.  
 Flocking. F. L. Foster. 2,128,811; Aug. 30.  
 Floor, Auxiliary automobile. H. W. Graunke. 2,136,972; Nov. 15.  
 Floor block. W. H. McKissick. 2,140,086; Dec. 13.  
 Floor, Composite. K. E. Crooks. 2,119,804; June 7.  
 Floor construction. S. H. Campbell and F. H. Pletzsch. 2,114,556; Apr. 19.  
 Floor construction. C. E. Hovey. 2,130,546; Sept. 20.  
 Floor construction, Monolith slab. H. A. Faber. 2,140,283; Dec. 13.  
 Floor construction or the like. E. S. Powers. 2,132,220; Oct. 4.  
 Floor construction, Precast. H. O. Klotz. 2,108,677; Feb. 15.  
 Floor construction, Reinforced concrete. W. N. Murch. 2,110,110; Mar. 1.  
 Floor construction, Steel. F. Lienhard. 2,128,753; Aug. 30.  
 Floor covering. J. A. Arvin and G. L. Schwartz. 2,121,679; June 21.  
 Floor covering. W. B. Cooper. 2,105,720; Jan. 18.  
 Floor covering. L. L. Larson and G. L. Schwartz. 2,105,484; Jan. 18.  
 Floor covering or rug. R. G. Knowland and J. N. Dow. 2,140,457; Dec. 13.  
 Floor coverings, Producing felt base. N. L. Campbell. Re. 20,853; Sept. 13.  
 Floor duct. L. A. Bennett. 2,134,393; Oct. 25.  
 Floor for buildings and like structures, Composite. J. H. Young. 2,131,652; Sept. 27.  
 Floor for vehicles, Moving. H. W. Swift. 2,129,796; Sept. 13.  
 Floor, Metal reinforced block. D. A. Wallace. 2,120,450; June 14.  
 Floor, Metal reinforced wood. D. A. Wallace and L. E. Mendenhall. 2,133,002; Oct. 11.  
 Floor or flooring material, Flexible wood. A. Elmendorf. 2,123,409; July 12.  
 Floor polishing device. J. Glover. Re. 20,657; Feb. 22.  
 Floor polishing machine. O. Holm-Hansen and N. H. Watts. 2,119,386; May 31.  
 Floor, Portable composite. A. B. Birtles. 2,138,085; Nov. 29.  
 Floor rack. G. E. Coffey. 2,107,853; Feb. 8.  
 Floor rack. R. J. Olander. 2,106,852; Feb. 1.  
 Floor, roof, and like structure. S. Szegö. 2,104,443; Jan. 4.  
 Floor sander. N. N. Okun. 2,118,818; May 31.  
 Floor strip, Terrazzo. J. L. Zanin. 2,120,725; June 14.  
 Floor structure. G. R. Cunningham. 2,139,882; Dec. 13.  
 Floor structure and method of making. F. W. Cherry. 2,111,528; Mar. 15.  
 Floor supporting structure. L. Focht. Re. 20,872; Oct. 4.  
 Floor supporting structure. L. Focht. 2,120,802; June 14.  
 Floor surfacing machine. F. E. Wadhams. 2,127,851; Aug. 23.  
 Floor troweling machine. H. S. Boulton. 2,108,470; Feb. 15.  
 Floor waxing implement. M. J. MacLeod. 2,137,944; Nov. 22.  
 Floor waxing device. H. C. Thompson. Re. 20,762; June 14.  
 Flooring. J. Megee. 2,117,198; May 10.  
 Flooring, Forming end grain. T. H. Miller. 2,104,307; Jan. 4.  
 Flooring, Laying wood. A. Elmendorf. 2,141,708; Dec. 27.  
 Flooring material and making the same. F. H. Manchester. 2,129,622; Sept. 6.  
 Flooring, Wood block. R. G. Bruce. 2,113,076; Apr. 5.  
 Floors and like surfaces, Apparatus for cleansing. L. J. Simon. 2,136,324; Nov. 8.  
 Floors, Apparatus for finishing concrete. J. H. Meyer. 2,133,173; Oct. 11.  
 Floors, Supporting spring. J. F. Buckley. 2,118,068; May 24.  
 Floral rack. C. J. White. 2,115,693; Apr. 26.  
 Flotation and agent therefor. I. H. Derby and O. D. Cunningham. 2,134,706; Nov. 1.  
 Flotation apparatus. M. Kraut. 2,134,410; Oct. 25.  
 Flotation coating process. J. F. Dreyer. 2,140,498; Dec. 20.  
 Flotation machine. R. G. Hall. 2,141,862; Dec. 27.  
 Flotation method, Separatory. T. Earle. 2,106,888; Feb. 1.  
 Flotation process. J. L. Gillson and C. T. Mentzer, Jr. 2,112,362; Mar. 29.  
 Flotation process. S. Lenher. 2,132,902; Oct. 11.  
 Flotation process. S. Lenher and J. L. Gillson. 2,116,727; May 10.  
 Flotation process. A. J. Weinig. 2,105,295; Jan. 11.  
 Flotation reagents and method of use. A. M. Gaudin. 2,125,337; Aug. 2.  
 Flour and shortening mixer. A. H. Jensen. 2,126,890; Aug. 16.  
 Flour mill. C. L. Miller. 2,111,535; Mar. 15.  
 Flour, Preparation or treatment of cereal. H. Hewitt. 2,138,062; Nov. 29.  
 Flour, Soy bean. R. H. Moulton. 2,135,591; Nov. 8.  
 Flow and pressure indicator. J. O. Lewis. 2,112,441; Mar. 29.  
 Flow and pressure responsive indicator. J. R. Harrington. 2,119,783; June 7.  
 Flow control system, Compensated. M. M. Borden. 2,134,597; Oct. 25.  
 Flow diversion valve. B. G. Newhall. 2,118,858; May 31.  
 Flow head. R. Neuhaus and F. C. Smith, Jr. 2,104,808; Jan. 11.  
 Flow increaser for pressure reducing valves. L. Condé. 2,113,108; Apr. 5.  
 Flow of fuel mixture to internal combustion engines, Automatically controlling. A. G. H. Vanderpool. 2,107,314; Feb. 8.  
 Flow preventer for oil wells. W. K. Edwards. 2,114,373; Apr. 19.  
 Flow regulator. H. G. Tremmel. 2,115,675; Apr. 26.  
 Flow responsive device. S. L. Adelson. 2,116,550; May 10.  
 Flow restrictor. C. F. Alsing. 2,134,542; Oct. 25.  
 Flow stabilizing device. A. H. Richard. 2,112,575; Mar. 20.  
 Flower holder. F. J. Gerbermann. 2,126,766; Aug. 16.  
 Flower, Imitation. W. F. Martin. 2,140,022; Dec. 13.



- Flower protecting and display case. R. M. Koch. 2,115,309; Apr. 26.
- Flowerpot. G. Haglund. 2,130,234; Sept. 13.
- Flowerpot. C. C. Morley. 2,138,188; Nov. 29.
- Flowerpot holder. T. G. de Vilbiss. 2,136,279; Nov. 8.
- Flowers, Making of artificial. C. von Brun. 2,130,209; Sept. 13.
- Flowermeter. F. V. A. Engel and A. L. Hancock. 2,134,864; Nov. 1.
- Flow metering device. S. L. Adelson. 2,138,266; Nov. 29.
- Flue. G. Slayter and H. W. Collins. 2,140,773; Dec. 20.
- Flue cleaner. E. W. Jacobson. 2,129,091; Sept. 6.
- Flue connection. A. H. Tinnerman. 2,110,083; Mar. 1.
- Flue stop and fire check. I. L. Dawson. 2,139,491; Dec. 6.
- Fluid around drill bits, Circulating. J. A. Zublin. 2,121,112; June 21.
- Fluid brake. A. H. Wood. 2,124,173; July 19.
- Fluid check. S. O. Stageberg. 2,119,365; May 31.
- Fluid clutch. M. G. Hill. 2,136,920; Nov. 15.
- Fluid composition. I. M. Colbeth. 2,133,080; Oct. 11.
- Fluid compressor. P. Maniscalco. 2,114,719; Apr. 19.
- Fluid conducting line. F. F. Chernosky. 2,116,302; May 3.
- Fluid conductor for ruling machines and the like. E. C. Bingham and D. Figlioli. 2,107,230; Feb. 1.
- Fluid container. L. S. Breitmann. 2,109,966; Mar. 1.
- Fluid control device. A. L. Klawitter. 2,117,096; May 10.
- Fluid control device. A. F. Pieper. 2,110,339; Mar. 8.
- Fluid control device. A. F. Pieper. 2,124,747; July 26.
- Fluid control for fluid operated presses. C. S. Malott, Jr. 2,105,253; Jan. 11.
- Fluid control means. E. C. Brisbane. 2,111,837; Mar. 22.
- Fluid control means. G. E. Pickup. 2,129,100; Sept. 6.
- Fluid control mechanism. C. F. Sibbe. 2,133,118; Oct. 11.
- Fluid control valve. E. W. Davis. 2,128,636; Aug. 30.
- Fluid controlling mechanism for weighing scales. A. E. Bennett. 2,124,811; July 26.
- Fluid-controlling valve. P. K. Saunders. 2,105,864; Jan. 18.
- Fluid cooling apparatus and method. G. M. Kleucker. 2,119,864; June 7.
- Fluid coupling. J. C. Cox, W. F. Boldt, and G. H. Thomas. 2,140,106; Dec. 13.
- Fluid dispensing apparatus. J. H. Cox. 2,118,294; May 24.
- Fluid dispensing apparatus. C. A. Desimone. 2,110,106; Mar. 1.
- Fluid dispensing apparatus. H. T. Goss. 2,105,813; Jan. 18.
- Fluid dispensing apparatus. N. A. Lewis. 2,123,737; July 12.
- Fluid dispensing apparatus. D. S. Willson. 2,126,693; Aug. 9.
- Fluid dispensing apparatus. D. Samiran. 2,120,266; June 14.
- Fluid dispensing apparatus and observing means therefor. H. L. Brand. 2,114,520; Apr. 19.
- Fluid distributing device. J. T. Leonard. 2,115,637; Apr. 26.
- Fluid distributing system and apparatus. H. N. Fall. 2,129,918; Sept. 13.
- Fluid distribution valve. J. A. Sall. 2,111,572; Mar. 22.
- Fluid drip dispenser. F. W. Storck. 2,134,214; Oct. 25.
- Fluid dumping apparatus. C. R. Dale. 2,124,188; July 19.
- Fluid flow apparatus, Epicyclic. L. F. Moody. 2,112,300; Mar. 29.
- Fluid flow control and silencer. J. P. Freed. 2,121,482; June 21.
- Fluid flow indicator. C. F. Terrell, Jr. 2,137,102; Nov. 15.
- Fluid flow measuring means. H. E. Dall. 2,127,501; Aug. 23.
- Fluid flow, Metering. F. O. Suffron. 2,105,017; Jan. 11.
- Fluid flow, Method and apparatus for governing. W. E. Leibing. 2,107,990; Feb. 8.
- Fluid flow to internal combustion engines, Automatic means for controlling. A. G. H. Vanderpoel. 2,129,610; Sept. 6.
- Fluid for absorption refrigerating machines, Working. J. Fleischer. 2,136,791; Nov. 15.
- Fluid for combating heaving shale, Drilling. G. E. Cannon. 2,109,858; Mar. 1.
- Fluid for the procedure of test for syphilis, Producing test. S. and T. Ide. 2,112,496; Mar. 29.
- Fluid from drill pipe, Method and apparatus for releasing. T. A. Creighton. 2,128,352; Aug. 30.
- Fluid fuel burner. W. H. Perry. 2,117,356; May 17.
- Fluid gauge. M. C. White. 2,124,096; July 19.
- Fluid generator arrangement, Elastic. G. Diedrich. 2,122,280; June 28.
- Fluid governing mechanism, Elastic. R. H. Collingham. 2,116,385; May 3.
- Fluid heater. R. A. Foresman. 2,140,520; Dec. 20.
- Fluid heater, Stamped metal. A. P. Ball and W. Marshall. 2,116,298; May 3.
- Fluid heating apparatus. R. A. Foresman. 2,140,524; Dec. 20.
- Fluid heating apparatus. R. B. Mildon. 2,110,914; Mar. 15.
- Fluid impregnating device. M. J. Belmont. 2,135,932; Nov. 8.
- Fluid indicator and metering device, Plunger type. H. J. Anderson. 2,136,261; Nov. 8.
- Fluid injection means. N. J. Dziedzic. 2,110,263; Mar. 8.
- Fluid irradiating apparatus. W. Baekler. 2,139,656; Dec. 13.
- Fluid levels, Apparatus for gauging. W. B. Duncan. 2,139,810; Dec. 13.
- Fluid pressure brake. W. A. Meeks. 2,141,358; Dec. 27.
- Fluid lift pump. W. C. Doyle. 2,140,419; Dec. 13.
- Fluid lift pump. A. D. Murphree. 2,109,705; Mar. 1.
- Fluid machine. C. A. Skärlund. 2,130,037; Sept. 13.
- Fluid measurement apparatus. E. Pelich. 2,123,577; July 12.
- Fluid meter. C. S. Burdsal and R. E. W. Titel. 2,105,967; Jan. 18.
- Fluid meter. W. H. De Lancey. 2,121,120; June 21.
- Fluid meter. G. A. Petroe. 2,105,127; Jan. 11.
- Fluid meter. B. E. Price. 2,105,262; Jan. 11.
- Fluid meter. A. F. Spitzglass. 2,131,486; Sept. 27.
- Fluid meter. W. C. Wagner. 2,123,978; July 19.
- Fluid metering and distributing system. A. M. Starr. 2,110,405; Mar. 8.
- Fluid metering device. H. C. Hill. 2,104,590; Jan. 4.
- Fluid, Method and apparatus for lifting. A. Boynton.
- Fluid, Method of and apparatus for controlling pressure. R. Beck and J. Briscoe. 2,133,073; Oct. 11.
- 2,104,008; Jan. 4.
- Fluid mixer. W. J. Jacobsson. 2,109,251; Feb. 22.
- Fluid motor, Deep well. C. C. Carlisle. 2,118,547; May 24.
- Fluid motor, Rotary. V. L. Bendsil and L. J. St. John. 2,135,161; Nov. 1.
- Fluid operated clutch. W. W. Criley. 2,123,867; July 19.
- Fluid operated pump. R. E. Leonard. 2,113,213; Apr. 5.
- Fluid operated pump, Governed. C. J. Coberly. 2,119,736; June 7.
- Fluid operated tool. J. C. Curtis. 2,129,566; Sept. 6.
- Fluid power engine. P. H. Crary. 2,136,182; Nov. 8.
- Fluid, Preinjection. C. M. Carlsen. 2,117,297; May 17.
- Fluid pressure brake. B. S. Aikman. 2,112,415; Mar. 29.
- Fluid pressure brake. C. A. Campbell. 2,136,575-80; Nov. 15.
- Fluid pressure brake. J. Canetta. 2,115,515; Apr. 26.
- Fluid pressure brake. P. H. Donovan. 2,113,649; Apr. 12.
- Fluid pressure brake. C. C. Farmer. 2,115,551; Apr. 26.
- Fluid pressure brake. C. C. Farmer and E. E. Hewitt. 2,108,789; Feb. 22.
- Fluid pressure brake. C. C. Farmer and E. E. Hewitt. 2,128,084; Aug. 23.
- Fluid pressure brake. E. R. Fitch. 2,104,479; Jan. 25.
- Fluid pressure brake. E. R. Fitch. 2,121,539; June 21.
- Fluid pressure brake. E. R. Fitch and G. T. McClure. 2,106,480; Jan. 25.
- Fluid pressure brake. H. R. Fuehrer. 2,115,516; Apr. 26.
- Fluid pressure brake. J. N. Good. 2,137,017; Nov. 15.
- Fluid pressure brake. E. E. Hewitt. 2,109,045; Feb. 22.
- Fluid pressure brake. E. E. Hewitt. 2,109,047; Feb. 22.
- Fluid pressure brake. E. E. Hewitt. 2,121,543; June 21.
- Fluid pressure brake. E. E. Hewitt. 2,130,619-20; Sept. 20.
- Fluid pressure brake. J. B. Hull. 2,113,652; Apr. 12.
- Fluid pressure brake. C. H. McKinstry. 2,138,930; Dec. 6.
- Fluid pressure brake. E. P. Sexton. 2,106,491; Jan. 25.
- Fluid pressure brake. E. P. Sexton. 2,112,427; Mar. 29.
- Fluid pressure brake. A. W. Simmons. 2,106,471; Jan. 25.
- Fluid pressure brake. C. D. Stewart. 2,132,978; Oct. 11.
- Fluid pressure brake. C. D. Stewart and J. B. Hull. 2,118,422; May 24.
- Fluid pressure control apparatus. T. R. Harrison and F. W. Side. 2,117,800; May 17.
- Fluid pressure controlled clutch. B. S. Aikman. 2,106,472; Jan. 25.
- Fluid pressure controller, Automatic. A. M. Spencer. 2,132,247; Oct. 4.
- Fluid pressure device. W. G. Doyle. 2,134,780; Nov. 1.
- Fluid pressure indexing valve. W. H. Martin. 2,125,513; Aug. 2.
- Fluid pressure indicating device. A. G. Kershaw. 2,137,495; Nov. 22.
- Fluid pressure motor. F. F. T. Flint. 2,124,735; July 26.
- Fluid-pressure operated brake. E. Oetiker. 2,111,674; Mar. 22.
- Fluid pressure press, Endless traveling platen. F. A. Nicholson. 2,135,763; Nov. 8.
- Fluid pressure producing device. C. H. Bock. 2,112,356; Mar. 29.
- Fluid pressure producing device. H. C. Bowen. 2,115,992; Apr. 26.
- Fluid pressure producing device. J. R. Heidloff. 2,118,604; May 24.
- Fluid pressure pump. R. H. Carr. 2,137,108; Nov. 15.
- Fluid pressure regulator. F. Niesemann. 2,137,025; Nov. 15.
- Fluid pressure system. W. J. Conery and A. Nelson. 2,135,962; Nov. 8.



- Fluid processing apparatus. O. W. Greene. 2,108,482; Feb. 15.
- Fluid producing apparatus. T. E. Bryan. 2,128,073; Aug. 23.
- Fluid pump. J. P. Laird. 2,108,771; Feb. 15.
- Fluid pump. J. E. Whitfield. 2,123,391; July 12.
- Fluid proportioning and mixing apparatus. J. R. Clemmons. 2,128,452; Aug. 30.
- Fluid purifier. J. A. Murphy. 2,111,936; Mar. 22.
- Fluid reagents, Reacting. H. I. Waterman, J. J. Leendertse, and W. J. C. de Kok. 2,133,735; Oct. 18.
- Fluid regulating valve. C. F. Toussaint. 2,111,230; Mar. 15.
- Fluid segregating apparatus. D. Samiran. 2,115,043; Apr. 26.
- Fluid supply system. G. E. White. 2,106,822; Feb. 1.
- Fluid surface condenser, Elastic. B. P. Coulson, Jr. 2,114,873; Apr. 19.
- Fluid testing apparatus. A. R. Stryker and R. F. Phipps. 2,113,063; Apr. 5.
- Fluid translating apparatus. E. Ehret. 2,134,077; Oct. 25.
- Fluid transmission apparatus. O. G. Phillips. 2,115,121; Apr. 26.
- Fluid treating apparatus. C. L. Howse and H. E. Brelsford. 2,129,215; Sept. 6.
- Fluid treating apparatus. C. L. Howse, H. E. Brelsford, S. F. Cox, and W. P. Thomas. 2,133,819; Oct. 18.
- Fluid valve. A. Bowland. 2,125,253 July 26.
- Fluid valve. L. de Florez. 2,122,560; July 5.
- Fluid velocity vibratory motor. J. F. Wippel. 2,111,036; Mar. 15.
- Fluids, Apparatus adapted for the propulsion of. N. Barna. 2,124,901; July 26.
- Fluids, Apparatus for and method of preparing, storing, and dispensing. C. W. Walter. 2,116,132; May 3.
- Fluids, Apparatus for intravenous administration of. A. E. Osterberg. 2,138,936; Dec. 6.
- Fluids, Apparatus for mixing. J. B. Elliot and F. Klaeden. 2,123,185; July 12.
- Fluids, Apparatus for mixing. C. G. Wall. Re. 20,836; Aug. 30.
- Fluids, Apparatus for treating. T. B. Prickett. 2,108,076; Feb. 15.
- Fluids, Apparatus for treating hydrocarbon. H. E. Drennan. 2,112,335; Mar. 29.
- Fluids, Circulating. K. P. Brace and R. B. P. Crawford. 2,116,958; May 10.
- Fluids, Continuous method of treating edible. M. Feder. 2,125,778; Aug. 2.
- Fluids, Heating. L. A. Mekler. 2,107,492; Feb. 8.
- Fluids, Heating of. M. W. Barnes. 2,111,380; Mar. 15.
- Fluids, Heating of. M. W. Barnes. 2,129,900; Sept. 13.
- Fluids, Heating of. L. A. Mekler. 2,108,686-7; Feb. 15.
- Fluids, Method of and apparatus for determining the heating value of combustible gaseous. E. X. Schmidt. 2,120,791; June 14.
- Fluids, Method of and apparatus for dispensing. K. C. Allison. 2,134,772; Nov. 1.
- Fluids, Method of and apparatus for proportioning the flow of. H. Ziebolz and H. J. Velten. 2,134,745; Nov. 1.
- Fluids, Method of and apparatus for treatment of. K. B. Allen. 2,128,393; Aug. 30.
- Fluids, Process and apparatus for contacting. S. Tijmstra. 2,106,366; Jan. 25.
- Fluids, Process and apparatus for inspecting. G. P. Stout. 2,132,447; Oct. 11.
- Fluids to low temperatures and diffusion refrigerating machines therefor, Cooling. G. Maiuri. 2,131,782; Oct. 4.
- Fluids, Well drilling. A. S. Nichols and J. L. Essex. 2,122,236; June 28.
- Fluorescence detecting apparatus. E. W. Boerstler. 2,130,797; Dec. 13.
- Fluorescent lamp. C. A. Lalae. 2,116,977; May 10.
- Fluorescent material. W. A. Roberts. 2,132,273; Oct. 4.
- Fluorescent screen. A. Schleede and F. Schroter. 2,137,118; Nov. 15.
- Fluorescent structure. J. C. Batchelor. 2,125,599; Aug. 2.
- Fluorides from water, Removing. P. C. Goetz. 2,139,227; Dec. 6.
- Fluorides from water, Removing. W. H. MacIntire. 2,126,793; Aug. 16.
- Fluorides, Manufacture of alkali metal beryllium. G. Jaeger. 2,125,026; July 26.
- Fluorine compounds from water vapor containing volatile fluorine compounds, Recovery of. W. Strathmeyer. 2,141,773; Dec. 27.
- Fluorine compounds, Manufacture of new. J. Sall. 2,129,289; Sept. 6.
- Fluorine compounds, Manufacture of organic. F. D. Leicester. 2,110,369; Mar. 8.
- Fluorine from phosphoric acid, Removal of. W. H. Knox, Jr., and W. S. Miller. 2,123,785; July 12.
- Fluorohydrocarbons, Manufacture of. J. Sall. 2,118,901; Mar. 31.
- Fluoroscopic apparatus. L. C. Kotraschek and H. C. Brunst. 2,132,076; Oct. 4.
- Fluoroscopic device. P. E. Talty. Re. 20,641; Jan. 25.
- Fluorspar from zinc concentrates, Removing. F. C. Abbott, S. R. B. Cooke, and C. O. Anderson. 2,137,600; Nov. 22.
- Flush tank. S. L. Egenas. 2,122,909; July 5.
- Flush tank. A. Mosaicvice. 2,112,407; Mar. 29.
- Flush valve. W. Glynn. 2,123,356; July 12.
- Flush valve. W. E. Sloan. 2,136,221; Nov. 8.
- Flush valve. M. Ward. 2,122,189; June 28.
- Flushing apparatus. D. P. Barnard, Jr. 2,116,258; May 3.
- Flushing apparatus. J. M. Teahen. 2,131,765; Oct. 4.
- Flushing device. F. J. Schuler. 2,124,798; July 26.
- Flushing installations, Actuating means for siphon-discharge apparatus in water. G. Denner. 2,136,842; Nov. 15.
- Flushing mechanism of tanks for water closets. E. A. Bach. 2,121,241; June 21.
- Flux and welding rod, Welding. A. R. Lytle. 2,118,680; May 24.
- Flux, Arc welding. M. R. Moritz. 2,141,929; Dec. 27.
- Flux, Arc welding. A. M. Roberts. 2,141,316; Dec. 27.
- Flux, Arc welding. T. C. R. Shepherd. 2,141,938; Dec. 27.
- Flux for galvanizing. R. J. Kepfer. 2,123,949; July 19.
- Flux, Galvanizing. R. J. Kepfer. 2,106,982; Feb. 1.
- Flux, Welding. C. G. Chadwick. 2,121,770; June 21.
- Flux, Welding. M. R. Moritz and I. C. Fitch. 2,141,928; Dec. 27.
- Fluxing device. J. G. Reid. 2,135,532; Nov. 8.
- Fluxing device. O. J. Witzke. 2,135,995; Nov. 8.
- Fluxes, Welding. T. C. R. Shepherd. 2,139,522; Dec. 6.
- Fly, Artificial. A. Gardner. 2,114,342; Apr. 19.
- Fly, Artificial. A. D. Stoddard. 2,112,180; Mar. 22.
- Fly chaser, Advertising. M. J. Murphy. 2,124,147; July 19.
- Fly closure, Garment. L. Markin. 2,136,702; Nov. 15.
- Fly for fishing, Artificial. R. C. Deans. 2,121,072; June 21.
- Fly holder, Dry. A. C. Parkhurst. 2,107,645; Feb. 8.
- Fly rod lure. S. F. Davenport. 2,119,805; June 7.
- Fly screen. R. H. Halstead and H. Ferris. 2,111,623; Mar. 22.
- Fly structure for overalls, trousers, and the like. S. Rosenthal. 2,123,208; July 12.
- Fly trap. J. M. Novak. 2,137,582; Nov. 22.
- Fly trap, Cattle. H. E. Sudlow. 2,141,454; Dec. 27.
- Fly tying. M. W. Reichenstein and R. F. Jolley. 2,120,571; June 14.
- Flying machine. G. F. Myers. 2,128,261; Aug. 30.
- Flying machine. R. Pouit. 2,138,326; Nov. 29.
- Flying machine. E. H. Thibault. 2,106,820; Feb. 1.
- Flying machine adapted to land on water. R. Soyer. 2,131,528; Sept. 27.
- Flywheel brake. W. E. Greenawalt. 2,121,869; June 28.
- Foam apparatus. H. Hechman. 2,107,666; Feb. 8.
- Foam controlling composition. M. T. Flaxman. 2,127,491; Aug. 16.
- Foam for fire extinction, Apparatus for the generation of. H. V. Reed. 2,105,264; Jan. 11.
- Foam for fire extinguishing purposes, Apparatus for producing. W. Gosmann. 2,137,338; Nov. 22.
- Foam from aqueous dispersions of rubber, Producing. E. A. Murphy, E. W. Madge, S. D. Taylor, and D. W. Pounder. 2,114,275; Apr. 12.
- Foam generating and distributing, Method and apparatus for. R. M. and G. G. Urquhart. 2,106,043; Jan. 18.
- Foam of fermented egg white to liquid albumen and thinning fresh egg whites, Producing. T. L. Swenson. 2,110,613; Mar. 8.
- Focusing device. M. E. Collins. 2,139,222; Dec. 6.
- Focus device, Follow. A. W. Tondreau. 2,133,063; Oct. 11.
- Focusing device for automobile headlights. J. Hill. 2,127,734; Aug. 23.
- Focusing device for motion picture cameras. R. C. Stevens. 2,104,936; Jan. 11.
- Focusing device for photographic enlargers. D. H. Castle. 2,110,324; Mar. 8.
- Focusing mechanism for interchangeable lenses. J. Mihalyi. 2,124,885; July 26.
- Fodder and product, Preserving green. R. G. Ferris. 2,117,058; May 10.
- Foil, Metal. H. G. Kittredge and E. W. Williams. 2,124,232; July 19.
- Foiling method. I. J. Dresch and G. S. Weith. 2,139,031; Dec. 6.
- Fold lines. R. Liebowitz. 2,118,407; May 24.
- Foldable chair. W. H. McKinley and E. M. Johnson. 2,132,309; Oct. 4.
- Foldable container. S. Borch. 2,117,503; May 17.
- Foldable table. J. Kowalski. 2,110,068; Mar. 1.
- Folder. W. D. Goodwin. 2,133,225; Oct. 11.
- Folder. G. H. Schmidt and H. C. Behrens. 2,128,167; Aug. 23.
- Folder for articles of wearing apparel, Display. J. W. Sweeney. 2,116,481; May 3.
- Folder for containers. R. R. Brown. 2,127,081; Aug. 10.
- Folders, Making. F. W. Hart and B. T. McGary. 2,138,788; Nov. 29.
- Folding apparatus. W. S. Cloud. 2,128,076; Aug. 23.
- Folding apparatus and method. M. M. Balsam. 2,133,175; July 12.
- Folding box. H. A. Berger. 2,112,002; Mar. 22.
- Folding box blanks, Apparatus for the manufacture of. H. H. J. Kruse. 2,115,635; Apr. 20.
- Folding chair. G. J. Arthur. 2,131,722; Oct. 4.
- Folding chair. C. A. Best. 2,107,813; Feb. 8.
- Folding chair. J. Brandenburg. 2,137,499; Nov. 22.



- Folding chair. C. A. Buffington. 2,128,912; Sept. 6.  
 Folding chair. J. J. Croft. 2,110,519; Mar. 8.  
 Folding chair. A. F. Draper. 2,139,673; Dec. 13.  
 Folding chair. B. W. Gammon. 2,136,543; Nov. 15.  
 Folding chair. H. O. Mearkle. 2,120,183; June 7.  
 Folding chair. C. H. Oermann. 2,110,338; Mar. 8.  
 Folding chair. C. H. Oermann. 2,123,613; July 12.  
 Folding chair. A. E. Puls. 2,107,764; Feb. 8.  
 Folding chair. R. C. Thomson. 2,137,427; Nov. 22.  
 Folding handle. J. M. Patten. 2,137,457; Nov. 22.  
 Folding ironing board. E. A. Cooper. 2,124,765; July 26.  
 Folding machine. W. H. Draper. 2,108,935; Feb. 22.  
 Folding machine. A. G. Gilbert. 2,108,199; Feb. 15.  
 Folding machine. G. Lautzenheiser. 2,110,368; Mar. 8.  
 Folding machine. K. F. Riese. 2,126,138; Aug. 9.  
 Folding machine and covering insoles to which said machine may be applied. F. E. Bertrand. 2,106,268; Jan. 25.  
 Folding machine. Cross. R. Ludwig. 2,106,953; Feb. 2.  
 Folding machine for fibrous material. R. O. Waldman and P. F. Thayer. 2,135,880; Nov. 8.  
 Folding mechanism for printing machines. H. P. Clauberg. 2,126,537; Aug. 9.  
 Folding mechanism for printing machines. A. M. Zucker-  
 man. 2,138,054; Nov. 29.  
 Folding seat. L. F. Scott. 2,116,366; May 3.  
 Folding table. T. C. Dukes. 2,121,398; June 21.  
 Folding table. S. P. Haban. 2,113,689; Apr. 12.  
 Folding table. U. K. Johannsen. 2,128,209-10; Aug. 23.  
 Folding table. J. Kovats. 2,107,572; Feb. 8.  
 Folding table. G. A. Lenz. 2,115,727; May 3.  
 Folding table. B. F. Sweeney. 2,106,309; Jan. 25.  
 Follower machine. M. Turchan. 2,130,109; Sept. 13.  
 Fondant making. C. S. Miner. 2,129,859; Sept. 13.  
 Font distinguisher. Matrix. H. R. Freund. 2,127,467; Aug. 16.  
 Food, Animal. E. Kruger and W. M. Kendall. 2,138,177; Nov. 29.  
 Food, Article of. H. Harvey. 2,116,310; May 3.  
 Food base and composition containing same. A. Musher. 2,131,064; Sept. 27.  
 Food browner. C. L. Eldred. 2,120,696; June 14.  
 Food composition and inhibiting oxygenation thereof. H. D. Royce. 2,123,863; July 12.  
 Food compound. M. C. Allain and C. W. Tracy. 2,118,391; May 24.  
 Food cutter. H. A. Berkman. 2,106,711; Feb. 1.  
 Food cutter. L. M. Ezell. 2,126,100; Aug. 9.  
 Food dispenser. J. M. Boehmer. 2,114,699; Apr. 19.  
 Food from garbage, Producing stock and poultry. H. B. Moreton. 2,112,175; Mar. 22.  
 Food handling apparatus. D. A. Meeker. 2,116,764; May 10.  
 Food handling apparatus. D. A. Meeker. 2,141,311; Dec. 27.  
 Food impelling mechanism. J. D. Ferry. 2,130,082; Sept. 13.  
 Food material and making same. M. C. Reynolds, B. R. Harris, and A. K. Epstein. 2,132,436; Oct. 11.  
 Food material, Concentration of liquid. L. Wickenden. 2,116,920; May 10.  
 Food materials, Treating. W. W. Cowgill. 2,123,134; July 5.  
 Food materials, Treatment of. W. W. Cowgill. 2,137,205; Nov. 15.  
 Food materials, Treatment of. W. W. Cowgill. 2,140,788; Dec. 20.  
 Food mixer. E. Nielsen. 2,104,268; Jan. 4.  
 Food, Plant. C. Northen. 2,129,334; Sept. 6.  
 Food preservation and storage. J. N. Lewis. 2,126,197; Aug. 9.  
 Food, Preserving. C. O. Weissner and E. H. Severson. 2,116,813; May 10.  
 Food product. D. Dalsey. 2,120,777; June 14.  
 Food product and process of making. E. L. Cocke. 2,126,947; Aug. 16.  
 Food product for treatment of infantile diarrhea. C. A. Tompkins. 2,139,139; Dec. 6.  
 Food product, Making. G. J. Ley, J. H. Payne, and G. Akau. 2,105,977; Jan. 18.  
 Food products, Apparatus for sterilizing. W. E. Mitton. 2,141,089; Dec. 20.  
 Food products, Apparatus for the continuous manufacture of frozen. C. E. Gray and G. D. Turnbow. 2,131,510; Sept. 27.  
 Food products, Apparatus for treating. P. C. Palmer. 2,136,118; Nov. 8.  
 Food products containing milk sugar, Manufacture of stable powdered. D. D. Peebles. 2,126,807; Aug. 16.  
 Food products, Continuous method of manufacturing frozen. C. E. Gray and G. D. Turnbow. 2,131,511; Sept. 27.  
 Food products, Curling. A. E. Stacey, Jr. 2,116,223; May 3.  
 Food products, Device for producing aerated expanded. M. C. Reinecke. 2,120,297; June 14.  
 Food products from bananas, Securing concentrated. S. A. Karas. 2,118,405; May 24.  
 Food products from fish scrap, Preparation of. W. H. Boutiller. 2,126,445; Aug. 9.  
 Food products from papaya fruit, Preparing. T. A. De Nevo. 2,120,489; June 14.  
 Food products, Making. S. Levison. 2,132,485; Oct. 11.  
 Food products, Making. J. A. Spencer. 2,135,856; Nov. 8.  
 Food products, Making. G. J. Ley, J. H. Payne, and G. Akau. 2,108,897; Feb. 22.  
 Food products, Method of and apparatus for treating. C. J. Conn. 2,136,041; Nov. 8.  
 Food products, Precooking. C. H. Stocking. 2,135,646; Nov. 8.  
 Food products, Precooking leguminous. W. J. Robinson. 2,141,364; Dec. 27.  
 Food products, Producing. C. B. Mathews, H. W. Adams, and E. E. Berry. 2,120,138; June 7.  
 Food products, Shaping. F. W. Trabold. 2,138,462; Nov. 29.  
 Food remnants, Method and apparatus for treating. J. E. Rowland. 2,123,080; July 5.  
 Foods, Packaging. J. Kantor. 2,131,181; Sept. 27.  
 Foods, Packing. S. H. Berch. 2,135,479; Nov. 8.  
 Foodstuff of the nature of cocoa beans, Method and apparatus for separating. H. B. Johnson. 2,135,716; Nov. 8.  
 Foodstuffs, Dispensing congealed. R. A. Craemer. 2,120,640; June 14.  
 Foodstuffs, Forming service portions of. H. D. Eklund. 2,136,361; Nov. 15.  
 Foodstuffs, Packing. W. A. Hermanson. 2,127,029; Aug. 16.  
 Foodstuffs, Sterilizing. C. L. Griffith and L. A. Hall. 2,107,697; Feb. 8.  
 Foodstuffs, suitable for chickens and the like. E. Hellinger. 2,124,820; July 26.  
 Foot and leg covering, overgaiter, and the like. G. Manolis. 2,126,022; Aug. 9.  
 Foot, Artificial. W. Eastham. 2,130,271; Sept. 13.  
 Foot-balancing means. C. P. Leydecker. 2,116,579; May 10.  
 Football amusement device. W. J. Longstreet. 2,125,679; Aug. 2.  
 Foot construction in full fashioned hosiery. G. Gastrich. 2,119,575; June 7.  
 Foot control device. J. B. Franks. 2,139,010; Dec. 6.  
 Foot deodorant pad. J. J. Lynch, R. Semke, and H. J. Womley. 2,121,604; June 21.  
 Foot for artificial limbs, Pneumatic. L. A. Morris. 2,126,654; Aug. 9.  
 Foot inspection and recording device. D. Weisberger. 2,136,832; Nov. 15.  
 Foot measuring device. J. Fitzpatrick. 2,139,741; Dec. 13.  
 Foot support and construction involving the same. A. E. Murray. 2,120,370; June 14.  
 Foot support and exerciser. L. Feder. 2,114,526; Apr. 19.  
 Foot switch. I. E. Nixon. 2,119,888; June 7.  
 Foot treatment device. C. F. Fay. 2,139,263; Dec. 6.  
 Footer construction. H. S. Claybaugh. 2,126,091; Aug. 9.  
 Footrest and cuspidor, Combination. G. M. Barber. 2,138,415; Nov. 29.  
 Footstock for cam lapping machines. H. S. Indge and G. E. Hulbert. 2,117,960; May 17.  
 Footwear. E. Calvin. 2,134,173; Oct. 25.  
 Footwear. E. Calvin. 2,138,955; Dec. 6.  
 Footwear, Manufacture of. A. F. Donovan. 2,133,164; Oct. 11.  
 Footwear. C. V. Easton. 2,121,907; June 28.  
 Footwear. J. Farina. 2,140,422; Dec. 13.  
 Footwear. J. V. Ferriot. 2,110,839; Mar. 8.  
 Footwear. N. W. Mathey. 2,120,107; June 7.  
 Footwear. P. Y. Smiley. 2,105,335; Jan. 11.  
 Footwear. A. Szerenyi and H. Rollmann. 2,129,106; Sept. 6.  
 Footwear. S. Troy. 2,104,598; Jan. 4.  
 Footwear and a tap for dancing footwear, Dancing. C. H. Buckler. 2,124,458; July 19.  
 Footwear and other articles, Protection of. A. H. Feikert. 2,117,305; May 17.  
 Footwear and sole material therefor. H. F. Armor. 2,121,678; June 21.  
 Footwear, Article of. V. L. Moore. 2,116,445; May 3.  
 Footwear, Manufacture of stitched and cemented. F. Holland. 2,128,774; Aug. 30.  
 Footwear, Manufacture of welted. F. Holland. 2,131,375; Sept. 27.  
 Footwear, Manufacturing. D. G. Gash. 2,114,708; Apr. 19.  
 Footwear, Process of lasting. J. S. Kamborian. 2,104,228; Jan. 4.  
 Footwear, Skating. E. W. Mays. 2,118,892; May 31.  
 Force measuring device. H. Brown. 2,125,282; Aug. 2.  
 Force measuring device for rockets. L. Damblanc. 2,111,315; Mar. 15.  
 Force measuring instrument. L. S. Williams. 2,133,763; Oct. 18.  
 Force transmission apparatus, Mechanical. H. A. Douglas. 2,129,303; Sept. 6.  
 Forceps. A. W. Anderson. 2,114,695; Apr. 19.  
 Forceps. A. W. Anderson. 2,137,710; Nov. 22.  
 Forceps. G. O. Hunt. 2,119,078; May 31.  
 Forceps, Catheter. R. E. Tyvand. 2,139,428; Dec. 6.  
 Forceps, Dental. E. E. Buskirk. 2,140,280; Dec. 13.  
 Forceps, Endoscopic. F. C. Wappler. 2,113,246; Apr. 5.  
 Forehearth for molten glass. K. E. Peiler and W. T. Barker, Jr. 2,139,770; Dec. 13.  
 Forehearth for molten glass. K. E. Peiler and W. T. Barker, Jr. 2,139,911; Dec. 13.



- Foreign matter from liquids, Method of and apparatus for removing. C. and H. Doering. 2,106,630; Jan. 25.
- Forestry implement, Combination. E. R. Stanford and H. V. Smith. 2,116,852; May 10.
- Forge, Fluid fuel burning blacksmith's. E. A. Willames. 2,120,271; June 14.
- Forge furnace. J. W. Vanderpool and R. E. Fiscus. 2,131,827; Oct. 4.
- Forging apparatus. C. W. Dawson. 2,116,670; May 10.
- Forging apparatus. C. S. Swanson. 2,116,804; May 10.
- Forging die. P. W. Dempsey. 2,125,068; July 26.
- Forging, Electric. G. D. M. Benedetto. 2,127,625; Aug. 23.
- Forging machine. W. W. Criley. 2,106,830; Feb. 1.
- Fork and fender, Combination. B. J. Anderson. 2,120,453; June 14.
- Fork attachment, Hay. H. G. Rorabaugh. 2,130,472; Sept. 20.
- Fork, Ejector. F. P. Riddell. 2,124,313; July 19.
- Fork for looms, Transfer. C. M. Rogers. 2,116,159; May 3.
- Fork, Transfer. P. O. Unger. 2,138,947; Dec. 6.
- Fork, Turf. E. Leeberg. 2,140,266; Dec. 13.
- Fork, Weighing. E. C. Chandler. 2,129,564; Sept. 6.
- Form, Adjustable clothing. B. Oestricher. 2,127,368; Aug. 16.
- Form, Adjustable skirt. T. H. Smith. 2,114,433; Apr. 19.
- Form aligning device, Multiple. E. J. Nichols. 2,140,028; Dec. 13.
- Form and carbon sheet holder, Combined. K. R. Dencklau. 2,119,203; May 31.
- Form and preparing the same, Printing. G. P. Kingsbury. 2,125,676; Aug. 2.
- Form and producing the same, Garment. M. H. Taft. 2,128,024; Aug. 23.
- Form and the like, Dressmaking. D. La Rue. 2,132,034; Oct. 4.
- Form, Blocking. B. L. Lafargue. 2,138,866; Dec. 6.
- Form clamp. G. O. Gaetke. 2,126,251; Aug. 9.
- Form clip. F. G. Kugel. 2,124,982; July 26.
- Form, Collapsible. J. C. H. Wendes. 2,107,018; Feb. 1.
- Form, Commercial mailing. J. A. Holden. 2,129,581; Sept. 6.
- Form, Concrete. C. W. Doyle. 2,118,374; May 24.
- Form, Concrete. W. A. Gurtler. 2,139,078; Dec. 6.
- Form, Display. N. Hurwitz. 2,134,974; Nov. 1.
- Form, Dress. A. Pellegrini. 2,136,888; Nov. 15.
- Form, Food. I. M. Adams. 2,117,266; May 17.
- Form for embedment in concrete construction, Cellular. H. M. Hadley. 2,109,009; Feb. 22.
- Form for fireplaces. J. B. Turner. 2,117,379; May 17.
- Form for lining earth borings and handling mechanism therefor. J. G. Stupp. 2,130,819; Sept. 20.
- Form for making latex articles. A. N. Spánel. 2,119,499; May 31.
- Form for making rubber articles. A. N. Spánel. 2,119,495; May 31.
- Form for making rubber articles. A. N. Spánel. 2,125,592; Aug. 2.
- Form for masonry structures, Flexible. W. C. Dunn. 2,117,549; May 17.
- Form, Garment. M. D. Landsman. 2,137,691; Nov. 22.
- Form, Garment. I. W. Schwartzman. 2,115,685; Apr. 26.
- Form, Garment blocking and stretching. A. P. Shepherd. 2,119,604; June 7.
- Form, Hat. J. M. Benninger. 2,125,098; July 26.
- Form, Hat. E. Kupe. 2,138,616; Nov. 29.
- Form, Necktie knot. F. Alva. 2,119,411; May 31.
- Form or mold, Concrete. E. M. Forbes. 2,129,208; Sept. 6.
- Form separator. R. Minkow. 2,107,206; Feb. 1.
- Form, Ship. H. K. Kloess. 2,113,466; Apr. 5.
- Form, Shoe. W. J. De Witt. 2,106,497; Jan. 25.
- Form, Shoe. W. J. De Witt. 2,108,657; Feb. 15.
- Form, Shoe display. W. L. Wardell. 2,124,644; July 26.
- Form, Sleeve. E. Berg. 2,110,657; Mar. 8.
- Form spacer. C. A. Kemper. 2,110,300; Mar. 8.
- Form spreader. W. A. Ferris. 2,140,153; Dec. 13.
- Form tie, Concrete. S. C. Colt. 2,116,597; May 10.
- Form, Tire building. H. D. Stevens and R. W. Allen. 2,132,834; Oct. 11.
- Formaldehyde concentrates, Preparation of. H. Finkenbeiner and W. Schmiche. 2,116,783; May 10.
- Formaldehyde, Making. J. F. Eversole. 2,111,584; Mar. 22.
- Formaldehyde, Manufacture of. J. Francon. 2,111,469; Mar. 15.
- Formaldehyde, Manufacture of. J. M. Weiss and C. R. Downs. 2,124,388; July 19.
- Formaldehyde, Vaporization of. W. S. Hinegardner. 2,125,375; Aug. 2.
- Formamide, Manufacture of. W. B. Tanner. 2,100,579; Jan. 25.
- Formation tester. M. O. Johnston. 2,132,072; Oct. 4.
- Forming head arrangement. F. E. Weller. 2,124,804; July 26.
- Forming machine. H. A. Berliner. 2,113,716; Apr. 12.
- Forming machine. H. A. Berliner. 2,125,881; Aug. 9.
- Forming press. A. H. Long. 2,136,856; Nov. 15.
- Forms, Manufacture of insulation. J. W. Morgan. 2,124,745; July 26.
- Forms, Mechanism for coating food. J. D. Ferry. 2,119,910; June 7.
- Foundation columns, Method and apparatus for forming concrete. W. J. Newman. 2,140,111; Dec. 13.
- Foundation for checkerwork construction. G. L. Danforth, Jr. 2,139,729; Dec. 13.
- Founding apparatus and method. A. W. Merrick. 2,125,080; July 26.
- Foundry practice. C. M. Saeger, Jr. 2,127,533; Aug. 23.
- Foundry sand conditioning apparatus. F. B. Henry. 2,132,163-5; Oct. 4.
- Fountain. S. S. Grady. 2,123,892; July 19.
- Fountain cleaning device. J. A. Wisner. 2,110,188; Mar. 8.
- Fountain for printing presses, Color. T. G. Riordan. 2,137,590; Nov. 22.
- Fountain pen desk stand. H. K. Stempel and S. L. Daugherty. 2,113,633; Apr. 12.
- Fountain, Poultry. H. A. Hogsett. 2,106,871; Feb. 1.
- Fountain, Poultry. A. H., J. A., and J. S. Langdon. 2,107,573; Feb. 8.
- Fountain spray head, Wash. H. A. Mullett. 2,108,266; Feb. 15.
- Fountain, Storage battery water supply. F. K. Nomiya. 2,140,432; Dec. 13.
- 4-amino-azo-benzene-4'-sulphonic acid, Manufacture of. C. B. Biswell and W. V. Wirth. 2,139,325; Dec. 6.
- 4-aminobenzene-sulphonic acid amide, Manufacture of. F. Mietzsch and J. Klarer. 2,132,178; Oct. 4.
- 4-Aminodiphenyl complex. R. L. Jenkins. 2,106,550; Jan. 25.
- 4-Aminodiphenyl compounds. R. L. Jenkins. 2,106,551; Jan. 25.
- 4,4'-dialkoxy diphenylamines, Preparation of. A. M. Neal. 2,128,100; Aug. 23.
- 4-hydroxynaphthostyryle compounds. W. Zerweck, W. Kunze, and W. Brunner. 2,108,879; Feb. 22.
- 4-methyl uracil and homologues thereof. A. B. Boese, Jr. 2,138,756; Nov. 29.
- 4-wheel drive vehicle. A. W. Herrington. 2,105,918; Jan. 18.
- Four-wheel spring mounting, Independent. A. Banks. 2,122,308; June 28.
- Fowl holder. J. B. Leshar. 2,107,484; Feb. 8.
- Fowl, Processing. O. E. Sargent and J. R. Pichinino. 2,129,968; Sept. 13.
- Fowl restraining device. R. S. Rotz. 2,116,850; May 10.
- Fowls and the like, Device for holding. G. B. Markle, Jr. 2,111,456; Mar. 15.
- Fractionating apparatus and method of fractionation. D. A. Monro. 2,134,882; Nov. 1.
- Fractionating column. E. G. Ragatz. 2,116,933; May 10.
- Fractionation. E. F. Nelson. 2,127,004; Aug. 16.
- Fractionation. P. J. Roelofsma. 2,104,310; Jan. 4.
- Fracture clamping apparatus. P. G. E. Hanicke. 2,121,193; June 21.
- Fracture frame. O. K. Walters. 2,141,099; Dec. 20.
- Frame: See—
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|-----------------------------------|----------------------------------|
| Adjustable stretcher frame.       | Picture frame.                   |
| Automobile frame.                 | Poultry-picking frame.           |
| Bag frame.                        | Printing frame.                  |
| Car end frame.                    | Quilting frame.                  |
| Closure frame.                    | Racket frame.                    |
| Copy holding and enlarging frame. | Rib warp frame.                  |
| Crusher frame.                    | Shade supporting frame.          |
| Display frame.                    | Sieve frame.                     |
| Drawing frame.                    | Slab molding frame.              |
| Engine frame.                     | Spectacle frame.                 |
| Fine spinning frame.              | Spinning and like textile frame. |
| Flat knitting frame.              | Surgical hyperex-tension frame.  |
| Fracture frame.                   | Tent frame.                      |
| Furniture frame.                  | Textile frame.                   |
| Gill drawing frame.               | Threshing machine frame.         |
| Handbag frame.                    | Tractor frame.                   |
| Handweaving frame.                | Trailer body frame.              |
| Heddle frame.                     | Trailer truck frame.             |
| Hoisting frame.                   | Twisting frame.                  |
| Knitting frame.                   | Umbrella frame.                  |
| License plate frame.              | Vehicle frame.                   |
| Motor vehicle frame.              | Velocepede frame.                |
| Photograph frame.                 | Window frame.                    |
- Frame. J. F. McAdams. 2,136,905-6; Nov. 15.
- Frame. A. B. Werdehoff. 2,105,713; Jan. 18.
- Frame and handle assembly. W. Steinen. 2,136,643; Nov. 15.
- Frame and handle construction for mirrors, brushes, and similar utensils. W. Steinen. 2,136,646; Nov. 15.
- Frame and handle assembly for mirrors, brushes, and the like. W. Steinen. 2,139,565; Dec. 6.
- Frame and rack for floral display. H. Mendel. 2,119,237; May 31.
- Frame and sash window. J. B. Olson and J. P. Bothke. 2,141,874; Dec. 27.
- Frame and seat. C. H. Menge. 2,106,644; Jan. 25.
- Frame construction. F. F. Bad. 2,117,766; May 17.
- Frame, Double production twister or spinning. J. E. Turcotte. 2,119,728; June 7.
- Frame for advertising cards. M. T. Ashe. 2,100,293; Jan. 25.
- Frame for agricultural machines and mowing machine comprising this frame. A. J. M. J. Durand. 2,128,082; Aug. 23.



- Frame for Axminster looms, Tube. E. R. Holmes. 2,141,653; Dec. 27.
- Frame for axminster looms, Tube. O. V. Payne. 2,135,143; Nov. 1.
- Frame for axminster looms, Tube. W. W. Robertson. 2,135,147; Nov. 1.
- Frame for elastic fabric having unextensible zones, Knitting. L. Roques. 2,132,971; Oct. 11.
- Frame for glasses, Fitover. A. E. Euler. 2,141,063; Dec. 20.
- Frame for gliders or the like, Supporting. L. Vavrik. 2,120,382; June 14.
- Frame for looms, Heddle. J. J. Kaufmann. 2,117,612; May 17.
- Frame for pictures, photographs, placards, or the like. H. Zwicker. 2,127,078; Aug. 16.
- Frame for securing wall coverings. W. L. Bonnell. 2,114,044; Apr. 12.
- Frame for spectacles. L. T. Garrison. 2,123,104; July 5.
- Frame for stretching doilies or the like. W. L. Davis. 2,118,880; May 31.
- Frame for typewriters, calculating machines, and the like. R. Stuhlmaier. 2,112,351; Mar. 29.
- Frame for wire mesh fabric. C. J. Hoffman. 2,111,448; Mar. 15.
- Frame member, Rear. B. J. Anderson. 2,120,454; June 14.
- Frame of molded material for automobile bodies. A. G. Snell. 2,136,027; Nov. 8.
- Frame or the like, Display. M. J. Schless. 2,119,832; June 7.
- Frame straightener. C. C. Bennett. 2,140,686; Dec. 20.
- Frame transferring mechanism and drive therefor. J. B. Tiedemann. 2,136,477; Nov. 15.
- Frame with the axles of vehicles, Connecting the. M. Wagner. 2,138,438; Nov. 29.
- Framed screen. C. A. Scheeler. 2,139,423; Dec. 6.
- Framer for rafters. R. L. Greve. 2,131,279; Sept. 27.
- Frames, Making automobile. R. H. Wallace and E. Riemenschneider. 2,118,448; May 24.
- Framework and casing for dishwashing machine. G. Webb. 2,104,938; Jan. 11.
- Framework construction. H. E. Naisuler. 2,131,115; Sept. 27.
- Framing mechanism. B. J. Kleerup. 2,126,474; Aug. 9.
- Framing, Structural steel. A. Henderson. 2,114,902; Apr. 19.
- Framing tool. E. A. Sharp. 2,110,636; Mar. 8.
- Frankfurters and other articles, Method of and apparatus for electrically cooking. C. W. Brown. 2,107,931; Feb. 8.
- Fraud detector. J. S. Kahn. 2,104,079; Jan. 4.
- Fraud preventing mechanism for game apparatus. J. J. Mitchell. 2,119,867; June 7.
- Freewheeling apparatus and clutch control. C. R. Roche. 2,127,754; Aug. 23.
- Freewheeling clutch. N. A. Colucci. 2,106,049; Jan. 18.
- Freewheeling clutch. S. Fischer. 2,104,320; Jan. 4.
- Freewheeling mechanism. W. P. Dalrymple. 2,127,718; Aug. 23.
- Freewheeling mechanism of motor cars. K. Maybach. Re. 20,824; Aug. 9.
- Freezer attachment, Refrigerator. G. B. Davis, Jr. 2,139,576; Dec. 6.
- Freezer, Dessert. W. J. Ralph, Jr. 2,125,693; Aug. 2.
- Freezer, Horizontal counter. A. Ruttiman. 2,141,045; Dec. 20.
- Freezer, Ice cream. E. T. Brace. 2,116,924; May 10.
- Freezer, Ice cream. R. M. Kaufmann. 2,117,332; May 17.
- Freezer, Ice-cream. H. Kunzi. 2,127,777; Aug. 23.
- Freezer, Ice cream. H. F. Swenson. 2,134,268; Oct. 25.
- Freezing apparatus. H. Y. Stebbins. 2,113,359; Apr. 5.
- Freezing container. A. O. Kuehmed. 2,111,593; Mar. 22.
- Freezing, Device for promoting uniform and homogeneous. G. Sperti. 2,107,718; Feb. 8.
- Freezing process, Quick. C. T. Walter. 2,137,902; Nov. 22.
- Freezing with fruit juices. M. T. Zarotschenzeff. 2,140,043; Dec. 13.
- Freight, Apparatus for transferring. B. F. Fitch. 2,127,481; Aug. 16.
- Freight container. F. Ditchfield. 2,127,810; Aug. 23.
- Freight container. R. A. Norbom. 2,135,526; Nov. 8.
- Freight handling apparatus. B. F. Fitch. 2,107,292; Feb. 8.
- Freight handling vehicle. B. F. Fitch. 2,127,482; Aug. 16.
- Freight, System and apparatus for handling. H. A. Soulis. 2,130,747; Sept. 20.
- Freight, System for transporting. K. J. Bayerl. 2,121,181; June 21.
- Freight transferring apparatus. B. F. Fitch. 2,127,058; Aug. 16.
- Frequency changer system. R. M. Kalb. 2,112,533; Mar. 29.
- Frequency changing system. E. H. Armstrong. 2,122,401; July 5.
- Frequency checking device. R. D. Hutchens. 2,138,922; Dec. 6.
- Frequency control. C. W. Hansell. 2,104,801; Jan. 11.
- Frequency control circuit, Automatic. D. E. Foster. 2,128,997; Sept. 6.
- Frequency control circuit, Automatic. D. E. Foster and G. Mountjoy. 2,121,735; June 21.
- Frequency control circuit, Automatic. D. E. Foster. 2,129,085; Sept. 6.
- Frequency control circuit, Automatic. D. E. Foster. 2,129,123; Sept. 6.
- Frequency control circuit, Automatic. G. Mountjoy. 2,135,946; Nov. 8.
- Frequency control line and circuit. J. W. Conklin and C. W. Hansell. 2,124,029; July 19.
- Frequency control system, Automatic. G. Mountjoy and D. E. Foster. 2,128,661; Aug. 30.
- Frequency conversion system. L. A. Hazeltine. 2,113,464; Apr. 5.
- Frequency converter. W. A. Harris. 2,122,283; June 28.
- Frequency converter. E. W. Herold. 2,141,750; Dec. 27.
- Frequency indicating and controlling apparatus. W. A. Marrison. 2,111,598; Mar. 22.
- Frequency converter. A. M. Rossman. 2,137,990; Nov. 22.
- Frequency meter. F. V. Hunt. 2,119,389; May 31.
- Frequency meter. T. A. Rich. 2,133,150; Oct. 11.
- Frequency meter. R. D. Schwartz, W. W. Moe, and L. J. Hartley. 2,137,859; Nov. 22.
- Frequency regulation of oscillators in ultra short wave receivers. J. G. Chaffee. 2,141,376; Dec. 27.
- Frequency selector, Electromechanical. G. L. Davies. 2,112,560; Mar. 29.
- Frequency stabilization system. J. W. Smith and G. N. Thayer. 2,114,036; Apr. 12.
- Frequency stabilizing device. D. G. Little. 2,114,846; Apr. 19.
- Friable matter from beans, peas, and other legumes, Apparatus for removing. H. M. Sutton and E. G. Steele. 2,115,674; Apr. 26.
- Friction bolster spring. D. F. Sproul. 2,128,503; Aug. 30.
- Friction brake. R. C. Russell. 2,139,286; Dec. 6.
- Friction brake, Automatic. J. Sousedik. 2,121,889; June 28.
- Friction clutch. A. W. Anderson. 2,104,962; Jan. 11.
- Friction clutch. R. L. Brownlee. 2,135,384; Nov. 1.
- Friction clutch. R. A. Carlson. 2,115,252; Apr. 26.
- Friction clutch. E. H. J. C. Gillett. 2,110,265; Mar. 8.
- Friction clutch. C. E. Harwood. 2,135,126; Nov. 1.
- Friction clutch. L. M. Hile. 2,136,381; Nov. 15.
- Friction clutch. L. Knöchl. 2,134,139; Sept. 13.
- Friction clutch. C. A. Ruesenberg. 2,105,932; Jan. 18.
- Friction clutch. C. A. Ruesenberg and M. Willene. 2,129,361; Sept. 6.
- Friction clutch. K. J. Wersäll. 2,109,405-6; Feb. 22.
- Friction clutch. R. Wichtendahl. 2,138,393; Nov. 29.
- Friction clutch, Hydraulically actuated. R. Wichtendahl. 2,105,625; Jan. 18.
- Friction device. W. L. Van Meter. 2,116,130; May 3.
- Friction element. W. A. Blume. Re. 20,908; Nov. 1.
- Friction element. W. A. Blume. 2,131,932; Oct. 4.
- Friction element. R. E. Spokes. 2,114,037; Apr. 12.
- Friction element. R. E. Spokes. 2,129,794; Sept. 13.
- Friction elements. C. Bockius and J. A. Cook. 2,130,520; Sept. 20.
- Friction elements, Making. W. A. Blume. Re. 20,907; Nov. 1.
- Friction material, Manufacture of woven. I. J. Novak. 2,138,876; Dec. 6.
- Friction material, Producing metal bonded. H. D. Geyer, A. H. Flower, and D. M. Philippi. 2,134,181; Oct. 25.
- Friction surfaces, Making metallic inlaid. C. Bockius, C. S. Batchelor and J. A. Cook. 2,136,370; Nov. 15.
- Frictional composition. A. F. Elerath. 2,110,571; Mar. 8.
- Frictional motion controlling element. R. W. Glasner. 2,108,059; Feb. 15.
- Fringe and manufacturing the same, Lace. E. F. Stiner. 2,138,431; Nov. 29.
- Fringe, Making a rug. C. F. Arnold. 2,129,636; Sept. 13.
- Fringe support for use in packing fruits. J. W. Trew. 2,106,141; Jan. 18.
- Frog, Railroad. M. and L. Pikarchuk. 2,110,633; Mar. 8.
- Front end suspension for vehicles. M. L. Oppenheimer. 2,113,382; Apr. 5.
- Front for hot air furnaces, Slip-over. W. T. Whitaker. 2,117,386; May 17.
- Frost absorber. C. S. Murch. 2,124,259; July 19.
- Frost control. A. Bloom. 2,104,219; Jan. 4.
- Frost elimination, Method of and apparatus for. C. H. Tanner and E. Watkins. 2,105,435; Jan. 11.
- Frosting of glass articles. K. Duldner and R. Wadelka. 2,110,117; Mar. 1.
- Froth flotation method. F. A. Brinker. 2,105,901; Jan. 18.
- Froth-producing apparatus. C. O. Thernell. 2,127,191; Aug. 16.
- Fruit and other articles according to their weight, Apparatus for sorting. P. E. L. Breuilh. 2,112,823; Apr. 5.
- Fruit and vegetable cutter. W. E. and J. R. Urschel. 2,124,935; July 26.
- Fruit and vegetable juices, Conserving. N. F. W. Hazeldine. 2,111,048; Mar. 15.
- Fruit and vegetable treating machine. M. D. Kennedy and J. G. Johnson. 2,138,174; Nov. 29.
- Fruit, Apparatus for segmenting. R. B. Polk and R. Polk, Jr. 2,121,098; June 21.



- Fruit, Apparatus for the skin treatment of citrus. R. Holzcker. 2,119,914; June 7.
- Fruit, Coloration. D. G. Ulrey. 2,133,064; Oct. 11.
- Fruit, Coloring. J. N. Sharma. 2,133,404; Oct. 18.
- Fruit, Controlling consistency of dry. E. N. Percy. 2,110,170; Mar. 8.
- Fruit coring and filling instrument. D. F. Larkin. 2,118,976; May 31.
- Fruit, Dehydrating. J. C. Rea and E. N. Percy. 2,110,821; Mar. 8.
- Fruit, Drying. E. N. Percy. 2,118,324; May 24.
- Fruit, Drying. E. M. Wayland. 2,124,381; July 19.
- Fruit, Enhancing the varietal coloration of whole. J. N. Sharma. 2,119,060; May 31.
- Fruit for market, Preparing fresh. J. E. Johnson. 2,129,936; Sept. 13.
- Fruit juice extracting machine, Citrus. E. E. Edenfield. 2,114,217; Apr. 12.
- Fruit juice extractor. J. C. Adams. 2,121,621; June 21.
- Fruit juice extractor, Citrous. J. Mocharnuk. 2,142,002; Dec. 27.
- Fruit juices, Blending. F. W. Robison. 2,120,261; June 14.
- Fruit juices, Extracting. R. Polk, Sr. and W. Polk, Jr. 2,137,414; Nov. 22.
- Fruit juicing machine, Citrus. E. E. Edenfield. 2,114,218; Apr. 12.
- Fruit marking apparatus. H. A. Hamm. 2,134,041; Oct. 25.
- Fruit packing device. E. E. Chewning. 2,134,437; Oct. 25.
- Fruit packing separator. G. Sykes. 2,106,921; Feb. 1.
- Fruit peeling machine. J. H. Chatten and J. G. Clements. 2,130,980; Sept. 20.
- Fruit-picking bag. C. D. Couch. 2,113,876; Apr. 12.
- Fruit pitting and cutting machine. F. Chekian. 2,141,204; Dec. 27.
- Fruit pitting machine. H. W. Kagley. 2,114,425; Apr. 19.
- Fruit pitting method. P. Wormser. 2,123,644; July 12.
- Fruit preparation machine. A. R. Thompson and W. de Back. 2,139,704; Dec. 13.
- Fruit, Preserving citrus. F. E. de la Mota. 2,110,871; Mar. 15.
- Fruit process and product, Dried. H. D. Rey. 2,139,915; Dec. 13.
- Fruit products, Making. W. A. Smith. 2,135,629; Nov. 8.
- Fruit, Puffing and dehydrating. W. A. Webb. 2,110,184; Mar. 8.
- Fruit segments, Apparatus for segmenting integument free. R. Polk, Jr. 2,129,101; Sept. 6.
- Fruit segments, Segregating integument-free. R. B. Polk and R. Polk, Jr. 2,121,097; June 21.
- Fruit skin coloring. Bonding citrus. R. Holzcker. 2,119,915; June 7.
- Fruit sorting and packing system. E. R. Sandmeyer. 2,108,869; Feb. 22.
- Fruit treating machine. B. C. Skinner. 2,115,126; Apr. 26.
- Fruit treatment, Dried drupaceous. H. D. Rey. 2,124,896; July 26.
- Fruit turning device. S. V. Yecny. 2,111,163; Mar. 15.
- Fruit whip and preparation thereof. B. H. Webb. 2,131,650; Sept. 27.
- Fruit wrap. G. W. Charters. 2,114,701; Apr. 19.
- Fruits and the like, Method of and apparatus for packaging fresh whole. H. Paxton and C. E. O'Donnell. 2,132,516; Oct. 11.
- Fruits and vegetables, Cleaning. T. S. Carswell. 2,108,763; Feb. 15.
- Fruits and vegetables, Packaging of. G. D. Bishop. 2,109,765; Mar. 1.
- Fruits, Canning dried. W. R. Campbell and V. B. Alling. 2,115,382; Apr. 26.
- Fruits, Coloring. B. C. Skinner. 2,112,580; Mar. 29.
- Fruits, Method and apparatus for treating dried. C. B. Pape, E. N. Thayer, and T. A. Schwarz. 2,107,798; Feb. 8.
- Fruits, particularly dates, Treatment of. F. B. Doyle. 2,128,919; Sept. 6.
- Fruits, Preserving. R. E. Schaeffe. 2,134,060; Oct. 25.
- Fruits, Preserving fresh. J. N. Guha. 2,126,958; Aug. 16.
- Fruitums, Manufacture of flared. E. R. Fausset. 2,120,024; June 7.
- Fryer and the like, Electric deep grease. W. B. Blake. 2,128,738; Aug. 30.
- Fryer, Deep grease. P. F. Ratcliff. 2,125,862; Aug. 2.
- Frying apparatus. K. L. Childs. 2,124,186; July 19.
- Frying apparatus. J. L. Shroyer. 2,134,675; Oct. 25.
- Fuel. C. C. Callis. 2,104,021; Jan. 4.
- Fuel. J. W. Johnson, H. Van Roosen, A. E. Ushakoff, and J. J. Brophy. 2,125,448; Aug. 2.
- Fuel, agglomerate containing. Manufacture of compound. R. G. MacPherson. 2,136,591; Nov. 15.
- Fuel agitator. H. A. Ridel. 2,105,988; Jan. 18.
- Fuel and air pump, Combined. A. M. Rablitch and G. W. Barry. 2,139,346; Dec. 6.
- Fuel and compositions of matter for treating solid carbonaceous fuel. S. W. Allen. 2,139,398; Dec. 6.
- Fuel and preparing the same, Carbonaceous. J. H. Lum. 2,110,370; Mar. 8.
- Fuel, Apparatus for burning liquid. R. M. Sherman and J. Carlberg. 2,133,486; Oct. 18.
- Fuel, Apparatus for burning pulverized. H. C. Carter. 2,128,177; Aug. 23.
- Fuel, Apparatus for feeding and burning. W. F. Panke. 2,134,887; Nov. 1.
- Fuel atomizers, Process and apparatus for the cooling of. J. J. Broeze and G. van Willigen. 2,116,337; May 3.
- Fuel beds, Method and apparatus for controlling. H. S. Morton. 2,104,883; Jan. 11.
- Fuel briquettes, Apparatus for coking solid. R. D. Hardy, C. Machen, and E. H. G. Aram. 2,112,401; Mar. 29.
- Fuel briquettes, Making. O. P. M. and W. C. Goss. 2,117,415; May 17.
- Fuel burner, Liquid. A. Macdonald. 2,140,088; Dec. 13.
- Fuel burner. R. M. Hardgrove. 2,111,928-9; Mar. 22.
- Fuel burner. R. M. Hardgrove. 2,119,580; June 7.
- Fuel burner. E. V. Michaud. 2,120,257; June 14.
- Fuel burner. C. P. O'Hagan. 2,120,372; June 14.
- Fuel burner. W. C. Skinner. 2,125,963; Aug. 9.
- Fuel burner. T. E. Wood. 2,132,551; Oct. 11.
- Fuel burner, Combination. T. F. Sullivan. 2,119,581; June 7.
- Fuel burner, Liquid. E. L. Woolley. 2,126,853; Aug. 16.
- Fuel burner, Oil or liquid. G. W. Whitehurst. 2,132,336; Oct. 4.
- Fuel burning apparatus and air inlet device therefor. A. Macchi. 2,111,432; Mar. 15.
- Fuel burning apparatus, Fluid. J. W. Cannon. 2,135,275; Nov. 1.
- Fuel burning apparatus, Liquid. F. O. Cole. 2,104,691; Jan. 4.
- Fuel burning apparatus, Liquid. M. A. Powers. 2,130,471; Sept. 20.
- Fuel burning apparatus, Liquid. J. A. Wilson. 2,117,781; May 17.
- Fuel burning system. R. E. Bressler. Re. 20,749; June 7.
- Fuel burning system and switching mechanism therefor. E. M. Miller. 2,132,513; Oct. 11.
- Fuel, Carbonization of. J. H. Smith and H. T. Cohen. 2,113,520; Apr. 5.
- Fuel charge for internal combustion engines, Forming a. A. R. Baker. 2,104,013; Jan. 4.
- Fuel charges in internal combustion engines, Utilizing the energy of. N. P. Pratt. 2,113,601; Apr. 12.
- Fuel combustion. G. Dalen. 2,111,141; Mar. 15.
- Fuel combustion system. M. Frisch. 2,140,991; Dec. 20.
- Fuel composition, Motor. F. R. Moser. 2,107,059; Feb. 1.
- Fuel composition, Motor. W. R. Savage. 2,106,661-2; Jan. 25.
- Fuel conditioning apparatus, Liquid. C. P. Tolman. 2,105,992; Jan. 18.
- Fuel control and regulation. J. H. Grayson. 2,123,829; July 12.
- Fuel control, Automatic motor. F. S. A. and F. M. Gleockler. 2,108,710; Feb. 15.
- Fuel control apparatus. W. E. Leibing and W. B. Fageol. 2,109,296; Feb. 22.
- Fuel control means. M. E. Chandler. 2,125,886; Aug. 9.
- Fuel control means. H. C. Shagalloff. 2,122,625; July 5.
- Fuel controlling device. D. Paul. 2,120,866; June 14.
- Fuel controlling device, Reserve liquid. N. O. Gould. 2,125,674; Aug. 2.
- Fuel conveying and crushing mechanism. J. W. Myers. 2,136,775; Dec. 15.
- Fuel cooling device. G. R. Ericson. 2,120,779; June 14.
- Fuel deflector. F. Hogg. 2,119,010; May 31.
- Fuel delivered by an injection pump, Apparatus for controlling the amount of. M. Hurst and J. Weber. 2,117,248; May 10.
- Fuel, Device for burning atomized liquid. A. Bargeboer. 2,120,387; June 14.
- Fuel, Diesel. D. P. Barnard. 2,123,875; Aug. 9.
- Fuel, Diesel. R. C. Moran and D. E. Badertscher. 2,115,275; Apr. 26.
- Fuel, Diesel. R. C. Moran and G. S. Crandall. 2,137,410; Nov. 22.
- Fuel, Diesel. R. C. Moran, E. W. Fuller and G. S. Crandall. 2,136,455-6; Nov. 15.
- Fuel, Diesel engine. A. W. Burwell. 2,110,078; Mar. 1.
- Fuel distributing apparatus. N. M. Lower. 2,104,706; Jan. 4.
- Fuel distributing mechanism. H. P. Anderson. 2,107,022; Feb. 8.
- Fuel distributing mechanism. J. H. Ichter. 2,105,457; Jan. 11.
- Fuel distributor. P. A. Ketchpet. 2,129,278; Sept. 6.
- Fuel distributor, Sectional. W. T. Capps. 2,127,459; Aug. 10.
- Fuel, Engine. J. W. Hocking. 2,140,627; Dec. 20.
- Fuel, Enhancing the safety of liquid. P. Schlimmehaus. 2,127,536; Aug. 23.
- Fuel feed control and apparatus therefor. C. G. Seeger. 2,114,971; Apr. 19.
- Fuel feed for stokers and the like. R. E. Young. 2,127,018; Aug. 16.
- Fuel feed in internal combustion engines, Apparatus for controlling the. G. Wünsch and W. Gensch. 2,129,613; Sept. 6.
- Fuel feed mechanism. J. E. Porter. 2,115,684; Apr. 20.
- Fuel feed system for internal combustion engines. F. E. Swain. 2,135,243; Nov. 1.
- Fuel feed system for internal combustion engines. A. J. Nicholas. 2,138,060; Nov. 29.



- Fuel feeding control device for furnaces. G. A. Kohout. 2,110,977; Mar. 15.
- Fuel-feeding device. H. R. Cruse. 2,131,499; Sept. 27.
- Fuel feeding device for engines. G. E. Beardsley, Jr., and W. A. Parkins. 2,116,876; May 10.
- Fuel feeding device for locomotives or the like. E. M. Wilcox and A. M. Stockwell. 2,109,242; Feb. 22.
- Fuel feeding means. G. E. Houghton. 2,136,688; Nov. 15.
- Fuel feeding system. R. F. Bracke. 2,131,036; Sept. 27.
- Fuel feeding system. E. C. Horton. 2,114,249; Apr. 12.
- Fuel feeding system. P. A. Ketchpel and E. B. Sadler. 2,122,425; July 5.
- Fuel feeding system for internal combustion engines. M. G. Chandler. 2,139,804; Dec. 13.
- Fuel feeding system for internal combustion engines. C. F. High. 2,131,950; Oct. 4.
- Fuel heating and vaporizing system for internal combustion engines. A. Finestone. 2,135,001; Nov. 1.
- Fuel igniting device. E. Gardner and R. P. Kneen. 2,110,217; Mar. 8.
- Fuel injecting device for internal combustion engines. J. E. Tuscher. 2,135,925; Nov. 8.
- Fuel, Improving motor. W. E. Kuentzel, T. A. Geissman and H. R. Batchelder. 2,129,142; Sept. 6.
- Fuel injection and mixture controlling apparatus for internal combustion engines. C. F. High. 2,139,894; Dec. 13.
- Fuel injection apparatus for internal combustion engines. Liquid. M. A. Lauret. 2,131,857; Oct. 4.
- Fuel injection device for internal combustion engines. H. Alfaro. 2,110,116; Mar. 1.
- Fuel injection in free piston internal combustion engines. R. Pateras Pescara. 2,132,083; Oct. 4.
- Fuel injection pump. D. T. Brock and G. J. Trapp. 2,131,933; Oct. 4.
- Fuel injection pump. T. V. Buckwalter. 2,126,985; Aug. 16.
- Fuel injection pump. H. C. Edwards. 2,127,211; Aug. 16.
- Fuel injection pump. E. C. Gambrell. 2,138,849; Dec. 6.
- Fuel injection pump. G. A. Gillen. 2,133,813; Oct. 18.
- Fuel injection pump. F. Kovach. 2,114,565; Apr. 19.
- Fuel injection pump. R. L'Orange. 2,131,228; Sept. 27.
- Fuel injection pump. H. A. Mentele. 2,107,079; Feb. 1.
- Fuel injection pump. G. J. Trapp. 2,118,578; May 24.
- Fuel injection pump. O. G. Tweddell. 2,123,815; July 12.
- Fuel injection pump. K. Zwick, F. Deckel, H. Fischlmayr, and J. Ulsamer. 2,131,779; Oct. 4.
- Fuel injection system. C. R. Alden. 2,126,709; Aug. 16.
- Fuel injection system. W. G. Gernandt. 2,139,155; Dec. 6.
- Fuel injection system. J. S. Walters. 2,117,380; May 17.
- Fuel injection system for internal combustion engines. T. J. B. Drayton. 2,120,739; June 14.
- Fuel injection valve. R. Schlatter. 2,117,367; May 17.
- Fuel injector. H. C. Edwards. 2,114,977; Apr. 19.
- Fuel injector. G. A. Gillen. 2,107,891; Feb. 8.
- Fuel injector. W. L. Scribner. 2,114,986; Apr. 19.
- Fuel injector, Engine. J. W. Dow. 2,126,623; Aug. 9.
- Fuel injector for internal combustion engines. S. K. Hoffman and C. H. Wiegman. 2,119,879; June 7.
- Fuel injector or atomizer for internal combustion engines. T. C. Makins. 2,137,473; Nov. 22.
- Fuel, Liquid. A. A. Roberts. 2,118,477; May 24.
- Fuel, Manufacture of motor. W. C. Ault and C. A. Hochwalt. 2,105,464; Jan. 18.
- Fuel metering and distributing system. K. A. Browne. 2,137,384; Nov. 22.
- Fuel metering system and housing for same. A. M. Starr. 2,105,100; Jan. 11.
- Fuel, Method and apparatus of producing a high flash safety. J. W. Throckmorton. 2,135,923; Nov. 8.
- Fuel mixer. H. Hauser. 2,127,628; Aug. 23.
- Fuel mixture and scavenging gas control device, Automatic. A. G. H. Vanderpoel. 2,129,609; Sept. 6.
- Fuel, Motor. A. L. Blount and H. G. Reiber. 2,129,193-4; Sept. 6.
- Fuel, Motor. L. M. Christensen. 2,128,987; Sept. 6.
- Fuel, Motor. H. G. M. Fischer and C. E. Gustafson. 2,137,080; Nov. 15.
- Fuel, Motor. J. W. Jean. 2,117,609-10; May 17.
- Fuel, Motor. W. B. D. Penniman. 2,132,968; Oct. 11.
- Fuel-oil vaporizing attachment. A. Malobitzky. 2,110,806; Mar. 8.
- Fuel preheater. D. A. Nicosis. 2,112,973; Apr. 5.
- Fuel, Producing high octane rating motor. P. A. Maschwitz. 2,125,734; Aug. 2.
- Fuel, Production of colloidal. E. Blümner. 2,131,308; Sept. 27.
- Fuel, Production of motor. H. V. Atwell. 2,130,662; Sept. 20.
- Fuel pulverizer and feeder. F. Hogg. 2,126,776; Aug. 16.
- Fuel pump. R. Avigdor. 2,139,571; Dec. 6.
- Fuel pump. A. M. Babitch and G. W. Harry. 2,104,446; Jan. 4.
- Fuel pump. A. M. Babitch and G. W. Harry. 2,104,448; Jan. 4.
- Fuel pump. A. M. Babitch and G. W. Harry. 2,139,347; Dec. 6.
- Fuel pump. J. A. Gillen. 2,111,970; Mar. 22.
- Fuel pump. L. H. Grisell. 2,109,970; Mar. 1.
- Fuel pump. O. L. Starr. 2,109,785; Mar. 1.
- Fuel pump, Liquid. J. L. L. A. A. Moulet. 2,111,000; Mar. 15.
- Fuel, Purifying and desulphurizing motor. H. Broche and H. Schmitz. 2,115,549; Apr. 26.
- Fuel regulator. G. H. Harris. 2,141,436; Dec. 27.
- Fuel saver for engines. F. Neilson. 2,107,832; Feb. 8.
- Fuel saving apparatus, Motor. E. Kromer. 2,137,574; Nov. 22.
- Fuel stabilization, Motor. R. G. Clarkson and C. G. Wolff. 2,128,075; Aug. 23.
- Fuel supply device for internal combustion engines. I. E. Coffey. 2,130,666; Sept. 20.
- Fuel supply system. F. Ritz. 2,136,466; Nov. 15.
- Fuel supply system. E. A. Wingfield. 2,136,959; Nov. 15.
- Fuel supply system for internal combustion engines. W. Ledger and R. Borden. 2,139,371; Dec. 6.
- Fuel supply to a burner for liquid fuel, Device for the interruption of the. A. M. I. Hoogendam. 2,118,349; May 24.
- Fuel supplying apparatus. C. M. Bovard. 2,140,101; Dec. 13.
- Fuel supplying means for brooder stoves. H. Fields. 2,122,314; June 28.
- Fuel to oil burners and the like, Device for controlling the supply of. R. W. Johnson. 2,120,364; June 14.
- Fuel, Treated. R. F. Nelson. 2,120,206; June 7.
- Fuel, Treatment of motor. C. G. Dryer. 2,120,244; June 14.
- Fuel, Treatment of motor. J. C. Morrell. 2,104,049; Jan. 4.
- Fuel unit. L. M. Haymond. 2,107,054; Feb. 1.
- Fuel vaporizer and auxiliary fuel supply for internal combustion engines, Automatic. I. E. Coffey. 2,116,596; May 10.
- Fuel vaporizing system. C. B. Faverty, H. J. Smith, and P. C. L. Van Bueren. 2,109,743; Mar. 1.
- Fuel with circulating gas, Gasifying finely divided. H. Schmalfeldt. 2,133,479; Oct. 18.
- Fueling system. V. Voorhees. 2,122,076; June 28.
- Fuels and making them, Motor. V. R. Kokatnur. 2,111,100; Mar. 15.
- Fuels and products derived therefrom or other materials into valuable liquids, Conversion of solid. C. Krauch and M. Pier. 2,115,336; Apr. 26.
- Fuels, Apparatus for burning liquid. M. A. Powers and J. A. Wilson. 2,119,830; June 7.
- Fuels, Apparatus for burning liquid. M. A. Powers and J. A. Wilson. 2,120,626; June 14.
- Fuels containing polymerized gasoline, Production of blended antiknock motor. W. E. Currie. 2,135,068; Nov. 1.
- Fuels, Gasification of fine-grained solid. F. Winkler and E. Linckh. 2,111,579; Mar. 22.
- Fuels into internal combustion engines, Injecting a plurality of motor. E. E. Hans. 2,129,930; Sept. 13.
- Fuels, Manufacture of motor. V. Ipatieff and B. B. Corson. 2,116,151; May 3.
- Fuels, Manufacture of motor. J. C. Morrell. 2,116,157; May 3.
- Fuels, Manufacturing motor. M. P. Youker. 2,133,070; Oct. 11.
- Fuels, Motor. L. G. Story. 2,124,171; July 19.
- Fuels, Producing motor. A. L. Lyman and M. M. Holm. 2,135,823; Nov. 8.
- Fuels, Production of nonknocking motor. M. Pier and W. Kroenig. 2,116,081; May 3.
- Fuels, Treating of motor. F. R. Moser. 2,109,866; Mar. 1.
- Fuels with circulating gas, Gasification of dust or finely-grained. H. Schmalfeldt. 2,113,774; Apr. 12.
- Fulling and washing machine. D. Gessner. 2,120,025; June 7.
- Fume exhausting apparatus. C. K. Steins. 2,137,862; Nov. 22.
- Fumigant apparatus. H. W. Houghton. 2,112,624; Mar. 29.
- Fumigant carrier combination. H. J. Langhorst. 2,120,204; June 7.
- Fumigating device. W. C. Purdy. 2,105,551; Jan. 18.
- Fumigating or deodorizing device. A. Kemp, H. Winckler, and W. C. Walton. 2,127,975; Aug. 23.
- Fumigation. J. M. Baer. 2,128,175; Aug. 23.
- Fumigation. J. M. Baer and E. P. Collins. 2,131,134; Sept. 27.
- Fumigation. A. Hartzell, F. Wilcoxon, and W. J. Youden. 2,129,275; Sept. 6.
- Fumigation. G. L. Hockenyos. 2,132,786; Oct. 11.
- Fumigation, Method and device for effecting. G. L. Hockenyos. 2,132,787; Oct. 11.
- Fungicide. J. P. Remensnyder. 2,110,943; Mar. 15.
- Fungicides and insecticides. M. V. Anthony. 2,119,125; May 31.
- Fungicides and producing the same, Copper. F. J. Seibert. 2,109,683; Mar. 1.
- Funis clamp. C. E. Ziegler. 2,108,325; Feb. 15.
- Funnel. C. G. Schmutzler. 2,127,788; Aug. 23.
- Funnel, Drain. G. A. Moller. 2,116,979; May 10.
- Funnel, Filtering. W. S. Schuyler. 2,138,256; Nov. 29.
- Funnel for sealed containers, Dispensing. G. A. Walker. 2,116,918; May 10.
- Funnel heating device. L. N. Markwood. 2,135,551; Nov. 8.
- Funnel, particularly such as is used in conjunction with milk filters. K. Cordts. 2,130,876; Sept. 20.



- Funnel-scraper, Paint. J. L. Akers. 2,124,021; July 19.  
 Funnel support. J. Tate. 2,132,056; Oct. 4.  
 Fur clipping machine. F. Knowles. 2,137,166; Nov. 15.  
 Fur cutting machine. J. A. Gundersen. 2,112,839; Apr. 5.  
 Fur drying rack. L. J. Colin. 2,122,770; July 5.  
 Fur for felting, Preparing. J. D. Sartakoff. 2,105,894; Jan. 18.  
 Fur, Treating. J. Jacobs. 2,126,261; Aug. 9.  
 Furs, Dressing, treating, and finishing. O. F. Muller. 2,140,759; Dec. 20.  
 Furfural, Producing. H. J. Brownlee. 2,140,572; Dec. 20.  
 Furfurylamines, Preparing. C. F. Winans. 2,109,159; Feb. 22.  
 Furnace: See—  
   Annealing furnace. Hot air furnace.  
   Barbecue furnace. Mechanical furnace.  
   Boiler furnace. Metallurgical furnace.  
   Case-hardening furnace. Normalizing furnace.  
   Coil annealing furnace. Oil furnace.  
   Continuous distillation furnace. Oil burning furnace.  
   Continuous heating furnace. Open hearth furnace.  
   Drier furnace. Radiant heat furnace.  
   Electric furnace. Reducing furnace.  
   Electrical induction furnace. Reversible regenerative furnace.  
   Electrical furnace. Rotary furnace.  
   Electrically heated furnace. Rotary hearth furnace.  
   Electrically heated shaft furnace. Rotary muffle furnace.  
   Enameling furnace. Slagging furnace.  
   Forge furnace. Smelting furnace.  
   Gas melting furnace. Soaking pit furnace.  
   Glass melting furnace. Soaking pit and like heating furnace.  
   Glass tank furnace. Stereotype metal furnace.  
   Heat treating furnace. Stoker furnace.  
   Heating furnace. Supercharged furnace.  
   Hot air furnace. Warm air furnace.  
 Furnace. L. M. Beall. 2,114,960; Apr. 19.  
 Furnace. W. D. Bradford. 2,137,892; Nov. 22.  
 Furnace. H. E. Carleton. 2,105,309; Jan. 11.  
 Furnace. E. O. Engels. 2,110,269; Mar. 8.  
 Furnace. G. W. Franzheim. 2,127,506; Aug. 23.  
 Furnace. R. M. Hardgrove. 2,119,624; June 7.  
 Furnace. R. M. Hardgrove, R. Shellenberger, L. W. Heller, and R. L. Godshalk. 2,120,129; June 7.  
 Furnace. I. B. Holtz. 2,128,820; Aug. 30.  
 Furnace. O. A. Johnson. 2,118,086; May 24.  
 Furnace. G. J. Judd. 2,104,227; Jan. 4.  
 Furnace. F. E. Keith and C. F. Lindstrom. 2,131,591; Sept. 27.  
 Furnace. L. A. Mekler. 2,108,688; Feb. 15.  
 Furnace. J. Mortenson. 2,105,004; Jan. 11.  
 Furnace. G. Moyer. 2,110,452; Mar. 8.  
 Furnace. A. C. Muir and W. C. Griffiths. 2,116,322; May 3.  
 Furnace. W. F. Paradise. 2,104,096; Jan. 4.  
 Furnace. R. M. Parsons. 2,105,500; Jan. 18.  
 Furnace. R. M. Parsons. 2,105,819; Jan. 18.  
 Furnace. R. M. Parsons. 2,105,821; Jan. 18.  
 Furnace. O. D. Rice. 2,137,856; Nov. 22.  
 Furnace. W. Svejovsky. 2,133,836; Oct. 18.  
 Furnace. P. C. Temple. 2,118,121; May 24.  
 Furnace. H. G. Van Meter. 2,117,924; May 17.  
 Furnace. J. V. Wolsiffer. 2,109,243; Feb. 22.  
 Furnace and measuring the temperature thereof, Regenerative. L. Rumford, II. 2,133,045; Oct. 11.  
 Furnace and method, Induction electric. J. R. Wyatt. 2,120,225; June 7.  
 Furnace and method of annealing, Annealing. E. I. Huff. 2,114,382; Apr. 19.  
 Furnace and method of firing. W. S. McVay. 2,108,292; Feb. 15.  
 Furnace and recuperator structure. H. J. Hartley and P. Schroeder. 2,125,721; Aug. 2.  
 Furnace and the operation thereof. A. J. Boynton. 2,126,724; Aug. 16.  
 Furnace and the operation thereof for industrial purposes. H. W. Spencer and L. S. Davis. 2,135,645; Nov. 8.  
 Furnace and tuyère structure and method of operation, Blast. K. Steinbacher. 2,124,437; July 19.  
 Furnace arch and refractory block therefor. L. S. Longenecker. 2,126,901; Aug. 16.  
 Furnace blower mounting. R. Grover. 2,135,252; Nov. 1.  
 Furnace burner. B. E. Gavlin. 2,107,439; Feb. 8.  
 Furnace burner. L. Hermitte. 2,127,172; Aug. 16.  
 Furnace charging device. C. Still. 2,121,133; June 21.  
 Furnace construction. R. W. Coghill. 2,121,537; June 21.  
 Furnace construction. G. W. Davey. 2,139,004; Dec. 6.  
 Furnace construction. P. H. Douglas and J. F. Rogers. 2,110,426; May 31.  
 Furnace construction. L. H. Hosbein. 2,127,842; Aug. 23.  
 Furnace construction. L. H. Hosbein. 2,140,185; Dec. 13.  
 Furnace construction. P. Wingert. 2,137,827; Nov. 22.  
 Furnace construction and operation, Controlled atmosphere. F. T. Cope. 2,126,534; Aug. 9.  
 Furnace control device. J. Q. House. 2,130,133; Sept. 13.  
 Furnace control system. E. M. Claytor. 2,112,067; Mar. 22.  
 Furnace control system. J. P. Kriechbaum. 2,138,791; Nov. 29.  
 Furnace control system. A. Macchi. 2,118,651; May 24.  
 Furnace control system. A. L. Sweet. 2,136,256; Nov. 8.  
 Furnace conveyer chain. C. R. Weiss. 2,138,317; Nov. 29.  
 Furnace discharge means. J. F. Joy. 2,119,541; June 7.  
 Furnace door. K. S. Jensen. 2,135,899; Nov. 8.  
 Furnace door. L. R. McAfoos. 2,124,425; July 19.  
 Furnace doorframe. L. R. McAfoos. 2,135,828; Nov. 8.  
 Furnace for melting and refining metals and other materials, Electric. T. D. Kelly. 2,112,161; Mar. 22.  
 Furnace for melting fine and granular substances. A. Sprenger. 2,137,363; Nov. 22.  
 Furnace for melting metal. J. W. Bangle. 2,140,181; Dec. 13.  
 Furnace for producing sulphurous gas. D. Teatini. 2,133,594; Oct. 18.  
 Furnace for the agglomeration of pulverulent materials. E. C. Saint-Jacques. 2,113,619; Apr. 12.  
 Furnace for treating pulverulent materials. E. C. Saint-Jacques. 2,120,785; June 14.  
 Furnace installation. H. E. Grill and H. H. Feldstein. 2,141,649; Dec. 27.  
 Furnace installation, High temperature. A. S. Nichols. 2,139,172; Dec. 6.  
 Furnace linings, Heat treating. W. E. Moore and W. B. Wallis. 2,133,329; Oct. 18.  
 Furnace or the like, Apparatus for shutting off fuel supply to a. D. W. Fehrenbach. 2,120,053; June 7.  
 Furnace process, Electric. G. E. Sell. 2,104,530; Jan. 4.  
 Furnace provided with regenerators, Controlling a gas-heated metallurgical. J. Haag. 2,118,921; May 31.  
 Furnace regulator system, Electric. N. R. Stansel. 2,124,436; July 19.  
 Furnace regulator system, Electric. L. W. Thompson. 2,121,644; June 21.  
 Furnace reversing means, Regenerative. W. E. Shenk and B. M. Larsen. 2,139,861; Dec. 13.  
 Furnace structure for making abrasive articles, Electric. R. R. Ridgway. 2,123,158; July 5.  
 Furnace structure, Warm air. O. J. Kuenhold. 2,127,177; Aug. 16.  
 Furnace temperature indicator. E. J. Flynn and J. T. M. Malpica. 2,118,642; May 24.  
 Furnace wall. J. S. Bennett. 2,111,605; Mar. 22.  
 Furnace wall construction. L. H. Hosbein. 2,110,419; Mar. 8.  
 Furnace wall construction. S. H. Lanyon. 2,129,328; Sept. 6.  
 Furnaces, Apparatus for charging. A. P. J. François-Bongarcon. 2,141,506; Dec. 27.  
 Furnaces, Charging. P. H. Douglas and J. F. Rogers. 2,119,424; May 31.  
 Furnaces, Construction for. H. A. Morlock. 2,125,193; July 26.  
 Furnaces, Method and apparatus for producing neutral atmosphere in heat treating. J. A. Comstock. 2,124,764; July 26.  
 Furnaces, Operating blast. J. M. Avery. 2,131,031; Sept. 27.  
 Furnaces, Operation of smelting and reducing. M. Fränkl. 2,131,102; Sept. 27.  
 Furnaces, Patching interior surfaces of. F. W. Winkler, F. X. Mooney, C. R. Kuzell, and M. T. Mounts. 2,124,865; July 26.  
 Furniture. F. A. Eichel. 2,139,071; Dec. 6.  
 Furniture. H. Feldman. 2,137,717; Nov. 22.  
 Furniture. E. B. Morgan. 2,131,900; Oct. 4.  
 Furniture, Article of. H. L. Ross. 2,109,869; Mar. 1.  
 Furniture base. H. L. Olschlager and A. J. Ellis. 2,137,923; Nov. 22.  
 Furniture, Combination. B. R. Jones. 2,127,810; Aug. 23.  
 Furniture construction. R. B. Baker. 2,127,710; Aug. 23.  
 Furniture construction. B. E. Richardson and R. W. Willey. 2,133,570; Oct. 18.  
 Furniture construction, Seating. D. Hanauer. 2,109,697; Mar. 1.  
 Furniture, Convertible. J. A. Arton. 2,111,415; Mar. 15.  
 Furniture, Convertible article of. W. Mayo and E. E. Nock, Jr. 2,114,932; Apr. 19.  
 Furniture, Convertible article of. L. N. Noman. 2,131,411; Sept. 27.  
 Furniture device, Convertible. O. Schlett. 2,131,122; Sept. 27.  
 Furniture, Film. G. S. Diamond. 2,118,641; May 24.  
 Furniture, Foldable. C. W. Freeman. 2,127,398; Aug. 16.  
 Furniture, Foldable metal. U. K. Johannsen. 2,141,475; Dec. 27.  
 Furniture, Folding article of. J. Kovats. 2,128,465; Aug. 30.  
 Furniture frame. A. Bergmann. 2,109,080; Feb. 22.  
 Furniture frame. A. Bergmann. 2,122,172; June 28.  
 Furniture leg shoe. R. F. Miller. 2,135,945; Nov. 8.  
 Furniture, School. M. M. Komarski. 2,110,635; Dec. 20.  
 Furniture support. A. Lorenz and A. Gaal. 2,135,586; Nov. 8.  
 Furniture tread, Adjustable. P. A. Gowell. 2,108,036; Feb. 15.



- Furniture, Upholstered. F. Schlachta. 2,107,087; Feb. 1.  
 Furniture, Upholstering. W. Boardman. 2,138,440; Nov. 29.  
 Furring device. J. M. Stack. 2,111,949; Mar. 22.  
 Furring structure. S. C. Awbrey. 2,109,520; Mar. 1.  
 Furrow damming implement. E. W. Ficken. 2,112,767; Mar. 29.  
 Furrow damming implement. R. H. Smith. 2,130,970; Sept. 20.  
 Furrow obstructing machine. R. H. Smith. 2,120,193; June 7.  
 Furrow opening attachment for corn planters. U. Sparks. 2,128,022; Aug. 23.  
 Fuse. T. Birkenmaier. 2,135,788-9; Nov. 8.  
 Fuse. D. E. Carney. 2,113,169; Apr. 5.  
 Fuse. E. J. Hottinger. 2,129,692; Sept. 13.  
 Fuse assembly, Safety type. E. R. Millis. 2,117,346; May 17.  
 Fuse, Bomb nose. H. M. Brayton. 2,131,037; Sept. 27.  
 Fuse, Bore-safe. D. L. Woodberry. 2,118,062; May 24.  
 Fuse, Centrifugal. H. Junghans. 2,130,720; Sept. 20.  
 Fuse construction. R. A. Hammack. 2,111,624; Mar. 22.  
 Fuse construction. W. O. Schultz and A. G. Steinmayer. 2,138,255; Nov. 29.  
 Fuse construction. A. G. Steinmayer. 2,113,632; Apr. 12.  
 Fuse cut-out. J. Sandin. 2,134,583; Oct. 25.  
 Fuse cut-out, Electric. S. Quisling. 2,115,428; Apr. 26.  
 Fuse, Delayed action. E. F. Kiefer. 2,113,155; Apr. 5.  
 Fuse, Detonating. W. O. Snelling. 2,113,004; Apr. 5.  
 Fuse device. B. R. Hermann. 2,133,139; Oct. 11.  
 Fuse device, Electric. B. R. Hermann. 2,128,145; Aug. 23.  
 Fuse device, Electric. S. R. Smith. 2,115,592; Apr. 26.  
 Fuse ejector. T. E. McDowell and W. A. Wulle. 2,131,292; Sept. 27.  
 Fuse, Electric. G. Goodwin. 2,105,591; Jan. 18.  
 Fuse, Electric. H. C. Hoban. 2,111,628; Mar. 22.  
 Fuse, Electrical. J. L. Lehnerr. 2,134,523; Oct. 25.  
 Fuse, Enclosed. H. T. Bussmann. 2,135,166; Nov. 1.  
 Fuse for aerial drob-bombs. A. G. Hayden. 2,110,552; Mar. 8.  
 Fuse for hand grenades and projectiles. L. Demeter. 2,104,608; Jan. 4.  
 Fuse for projectiles. N. E. Methlin. 2,128,838; Aug. 30.  
 Fuse for projectiles, Percussion. L. E. Rémondy. 2,137,983; Nov. 22.  
 Fuse, Glass top plug. S. B. Condit. 2,104,850; Jan. 11.  
 Fuse, High tension expulsion. A. E. Brock. 2,135,164; Nov. 1.  
 Fuse indicator. S. Quisling. 2,115,469; Apr. 26.  
 Fuse link. E. F. Boothe. 2,108,843; Feb. 22.  
 Fuse link construction. R. H. Earle. 2,104,899; Jan. 11.  
 Fuse link expelling means. W. O. Schultz and C. W. Brown. 2,126,216; Aug. 9.  
 Fuse link throwout device. W. O. Schultz. 2,126,217; Aug. 9.  
 Fuse link throwout device. W. O. Schultz and C. W. Brown. 2,126,215; Aug. 9.  
 Fuse, Mechanical time. E. H. Schenk. 2,126,047; Aug. 9.  
 Fuse, Motor safety. E. D. Stassen. 2,119,184; May 31.  
 Fuse mounting. H. A. Cleveland. 2,114,523; Apr. 19.  
 Fuse, Nontamperable. J. A. McEntee. 2,115,447; Apr. 26.  
 Fuse panel. A. B. Ryplinski. 2,124,083; July 19.  
 Fuse, Percussion. M. Birkigt. 2,116,820; May 10.  
 Fuse plug. J. Corser. 2,124,813; July 26.  
 Fuse plug. J. T. Dalcher. 2,108,106; Feb. 15.  
 Fuse plug. P. Prendergast. 2,106,109; Jan. 18.  
 Fuse plug, Multiple. W. Skojec. 2,137,593; Nov. 22.  
 Fuse plug, Multiple. W. Skojec. 2,141,563; Dec. 27.  
 Fuse plug, Renewable. S. Derdzinski. 2,109,901; Mar. 1.  
 Fuse, Projectile. P. Henry. 2,138,234; Nov. 29.  
 Fuse, Refillable. J. Langdon. 2,121,127; June 21.  
 Fuse, Refillable blade. D. E. Carney. 2,113,170; Apr. 5.  
 Fuse, Secondary. E. F. Boothe. 2,111,745; Mar. 22.  
 Fuse, Self-indicating plug. R. W. King. 2,137,342; Nov. 22.  
 Fuse soldering mechanism. E. H. Taylor. 2,140,864; Dec. 20.  
 Fuse, substance and producing same. F. D. Austin. 2,117,282; May 17.  
 Fuse switch. O. Froland. 2,140,906; Dec. 20.  
 Fuse switch, High duty. R. R. Pittman and C. H. Walsh. 2,109,090; Feb. 22.  
 Fuse with high rupturing power, High tension. L. J. Saudcoeur. 2,109,850; Mar. 1.  
 Fused switch, Combination. E. G. Johansson. 2,128,647; Aug. 30.  
 Fusee. L. A. Sherman. 2,120,580; June 14.  
 Fuselages, vehicle bodies, and the like, Construction of. L. Salves. 2,121,670; June 21.  
 Gaff. B. Abel. 2,136,661; Nov. 15.  
 Gaff hook. L. H. Darling. 1,112,765; Mar. 29.  
 Gaging means for directional gyroscopes. B. G. Carlson. 2,111,388; Mar. 15.  
 Gain control, Automatic. A. J. H. van der Ven. 2,104,107; Jan. 4.  
 Gain control circuit. L. R. Cox and D. M. Terry. 2,133,429; Oct. 18.  
 Gain control circuit. J. T. Dixon. 2,135,566; Nov. 8.  
 Gain control circuit. J. P. Kinzer and I. G. Wilson. 2,139,236; Dec. 6.  
 Gain control circuit, Automatic. J. F. Dreyer, Jr. 2,107,410; Feb. 8.  
 Gain control circuit, Automatic. W. R. Kock. 2,118,287; May 24.  
 Gain control circuit, Automatic. W. R. Koch. 2,135,942; Nov. 8.  
 Gain control circuit, Automatic. W. V. Roberts. 2,129,028; Sept. 6.  
 Gain control circuit, Delayed automatic. C. P. Beauland. 2,135,556; Nov. 8.  
 Gain control circuits, Automatic. K. Hagenhaus. 2,112,279; Mar. 29.  
 Gain control device. G. Ullbricht. 2,120,303; June 14.  
 Gain control system. H. Nyquist. 2,105,927; Jan. 18.  
 Galvanizing process. A. H. Waltman and P. W. Dillon. 2,111,826; Mar. 22.  
 Galvanizing, Process and composition for. P. R. Russell. 2,111,226; Mar. 15.  
 Galvanometer fiber or string. H. Mann. 2,131,478; Sept. 27.  
 Galvanometer, Oscillograph. E. Gerlach. 2,125,608; Aug. 2.  
 Galvanometer, Permanent magnet. M. W. Scheldorf. 2,127,427; Aug. 16.  
 Galvanometer, Recording. J. A. Widmer. 2,115,831; May 3.  
 Galvanometer relay. A. J. McMaster and W. Van Guilder. 2,114,853; Apr. 19.  
 Galvanometer, String. E. Gerlach. 2,126,252; Aug. 9.  
 Game. D. R. Baker. 2,135,421; Nov. 1.  
 Game. L. Berger. 2,142,068; Dec. 27.  
 Game. H. G. Breitenstein. 2,109,410; Feb. 22.  
 Game. L. L. Bugg. 2,124,136; July 19.  
 Game. E. Ebert. 2,130,123; Sept. 13.  
 Game. P. Faber. 2,127,396; Aug. 16.  
 Game. C. C. Goertemiller. 2,128,608; Aug. 30.  
 Game. H. T. Hipwell. 2,138,764; Nov. 29.  
 Game. M. Piesen. 2,116,687; May 10.  
 Game. L. Quinn. 2,118,359; May 24.  
 Game. J. Ruberti. 2,141,958; Dec. 27.  
 Game. M. Roosman. 2,120,075; June 7.  
 Game. E. N. Rose. 2,131,332; Sept. 27.  
 Game. E. M. Squires. 2,111,339; Mar. 15.  
 Game. H. J. Stitt. 2,106,128; Jan. 18.  
 Game. C. S. Sultz. 2,131,825; Oct. 4.  
 Game. D. V. B. Thomas. 2,105,563; Jan. 18.  
 Game. S. E. Van Tuyl. 2,139,783; Dec. 13.  
 Game. G. E. Weinberger. 2,140,193; Dec. 13.  
 Game. P. A. Yon. 2,122,505; July 5.  
 Game, Amusement and skill. S. E. White. 2,141,580; Dec. 27.  
 Game and apparatus. J. H. Gross. 2,126,006; Aug. 9.  
 Game and apparatus therefor. H. Amsterdam. 2,131,653; Sept. 27.  
 Game and game apparatus. O. James. 2,116,500; May 10.  
 Game and practice apparatus. J. F. Vaughan. 2,121,750; June 21.  
 Game and projectile therefor. M. D. Price. 2,109,120; Feb. 22.  
 Game apparatus. W. H. Ballah. Re. 20,698; Apr. 19.  
 Game apparatus. M. J. Binks. 2,131,001; Sept. 27.  
 Game apparatus. D. E. Bronstein. 2,139,875; Dec. 13.  
 Game apparatus. W. F. Bruso. 2,141,948; Dec. 27.  
 Game apparatus. D. J. Burlo. 2,123,095; July 5.  
 Game apparatus. C. Conover. 2,117,080; May 10.  
 Game apparatus. P. B. Corsello. 2,114,138; Apr. 12.  
 Game apparatus. F. T. Czajkowski. 2,126,873; Aug. 16.  
 Game apparatus. W. R. Edgeworth. 2,125,236; July 26.  
 Game apparatus. A. Ellis. 2,124,941; July 26.  
 Game apparatus. L. W. Englerth. 2,114,777; Apr. 19.  
 Game apparatus. C. F. Evans. 2,104,740; Jan. 11.  
 Game apparatus. P. Fischer. 2,118,037; May 24.  
 Game apparatus. J. M. Fusco. 2,134,461; Oct. 25.  
 Game apparatus. L. M. Hansen. 2,134,185; Oct. 25.  
 Game apparatus. H. R. Hawgood. 2,133,746; Oct. 18.  
 Game apparatus. W. G. Hawley. 2,109,638-9; Mar. 1.  
 Game apparatus. C. W. Horton, Jr. 2,133,515; Oct. 18.  
 Game apparatus. A. T. Joze. 2,135,182; Nov. 1.  
 Game apparatus. N. Klingner. 2,140,082; Dec. 13.  
 Game apparatus. E. Kramer, P. Shields, and M. Gitelson. 2,120,440; June 14.  
 Game apparatus. E. Kramer, P. Shields, and M. Gitelson. 2,127,261; Aug. 16.  
 Game apparatus. E. W. Larsson-Letzen. 2,128,419; Aug. 30.  
 Game apparatus. M. S. Mayer and G. W. Schilling. 2,105,837; Jan. 18.  
 Game apparatus. J. R. McFarlin. 2,112,444; Mar. 29.  
 Game apparatus. T. F. McLaughlin. 2,121,742; June 21.  
 Game apparatus. W. V. Middleton. 2,123,195; July 12.  
 Game apparatus. M. C. Morrill. 2,126,572; Aug. 9.  
 Game apparatus. F. E. Pavelka. 2,107,211; Feb. 1.  
 Game apparatus. C. P. Potter. 2,138,821; Dec. 6.  
 Game apparatus. D. C. Rockola. 2,104,574; Jan. 4.  
 Game apparatus. K. C. Skyvers. 2,136,060; Nov. 8.  
 Game apparatus. M. M. Sky. 2,127,433; Aug. 16.  
 Game apparatus. G. M. Surprise. 2,125,696; Aug. 2.  
 Game apparatus. J. Torres. 2,113,521; Apr. 5.  
 Game apparatus. A. C. Walaity. 2,133,676; Oct. 18.  
 Game apparatus. M. E. Wood. 2,106,024; Jan. 18.  
 Game apparatus. R. A. Wood. 2,140,411; Dec. 13.  
 Game apparatus, Ballistic. E. Sauerbier. 2,139,210; Dec. 6.



- Game, Apparatus for playing a ball. F. A. Mitchell and L. J. Simon. 2,126,570; Aug. 9.
- Game apparatus, Projectile. C. W. Walters. 2,130,050; Sept. 13.
- Game apparatus, Race. G. J. Smythe. 2,124,456; July 19.
- Game, Ball. R. Heimers. 2,110,084; Mar. 1.
- Game, Ball rolling. H. G. Breitenstein. 2,123,823; July 12.
- Game board. J. R. Christian. 2,128,988; Sept. 6.
- Game board. C. F. Cookson. 2,107,326; Feb. 8.
- Game board. I. R. Paris. 2,135,411; Nov. 1.
- Game, Bowling. A. E. Page. 2,118,383; May 24.
- Game, Bowling card. F. R. Feher. 2,138,272; Nov. 29.
- Game, Circle ball. A. H. Trumbull. 2,130,820; Sept. 20.
- Game device. J. A. Fiondella. 2,126,628; Aug. 9.
- Game device. W. I. Kolm. 2,139,024; Dec. 6.
- Game device. J. M. Roth. 2,109,736; Mar. 1.
- Game dice. B. A. Serdyński. 2,132,050; Oct. 4.
- Game, Disk scaling. W. A. Darby. 2,126,245; Aug. 9.
- Game, Educational. J. J. Harkins. 2,138,524; Nov. 29.
- Game, Football. W. F. Jamison. 2,120,439; June 14.
- Game, Football card. S. Katz. 2,106,846; Feb. 1.
- Game indicator, Boat. B. D. Field. 2,139,493; Dec. 6.
- Game, Magnetic hooking. H. M. Lang. 2,107,672; Feb. 8.
- Game, Pneumatically operated educational. M. L. and R. J. Burke. 2,128,690; Aug. 30.
- Game, Putting. P. A. Streich. 2,121,270; June 21.
- Game, Race course. H. Ehret. 2,119,046; May 31.
- Game, Racing. J. Watling. 2,141,777; Dec. 27.
- Game scorer. R. H. Paul. 2,106,466; Jan. 25.
- Game, Sparking target. E. W. Creswell. 2,119,572; June 7.
- Game table. H. P. Battle. 2,127,805; Aug. 23.
- Game, Target. E. W. Creswell. 2,113,719; Apr. 12.
- Game, Tennis. Y. C. Le Guillou. 2,127,873; Aug. 23.
- Games, Racing. J. Ray. 2,116,767; May 10.
- Gang of wire staples, Adhered. A. L. Hansen. 2,122,814; July 5.
- Garage door mounting. W. J. MacEvoy. 2,104,430; Jan. 4.
- Garage, Storage. M. Moore. 2,110,305; Mar. 8.
- Garbage and waste can. M. Kamenstein. 2,120,520; June 14.
- Garbage burner. H. W. Ewing. 2,124,447; July 19.
- Garbage can. H. F. Urech. 2,123,126; July 5.
- Garbage can holder. M. Haney and F. E. Lempke. 2,112,155; Mar. 22.
- Garbage receptacle. H. Hefty. 2,116,311; May 3.
- Garden tool. H. Johnson. 2,132,300; Oct. 4.
- Garden tool. G. Prich. 2,106,037; Jan. 18.
- Garment. J. Abeles. 2,108,094; Feb. 15.
- Garment. R. T. Allis. 2,123,919; July 19.
- Garment. A. K. Baer. 2,131,654; Sept. 27.
- Garment. G. B. Baert. 2,127,763; Aug. 23.
- Garment. H. Berman. 2,129,486; Sept. 6.
- Garment. L. M. Bloom. 2,115,703; May 3.
- Garment. F. Chatfield. 2,116,340; May 3.
- Garment. G. A. Fletcher. 2,119,227; May 31.
- Garment. H. E. Garrison. 2,136,380; Nov. 15.
- Garment. M. A. Hammerman. 2,140,797; Dec. 20.
- Garment. R. A. and H. H. Harris. 2,115,974; May 3.
- Garment. A. J. Harwood. 2,112,893; Apr. 5.
- Garment. M. C. Hennessy. 2,124,193; July 19.
- Garment. W. D. Humphlett. 2,139,270; Dec. 6.
- Garment. C. L. Jasper. 2,140,290; Dec. 13.
- Garment. M. J. Kanovitz. 2,136,974; Nov. 15.
- Garment. R. M. Kapinas. 2,124,112; July 19.
- Garment. R. M. Kapinas. 2,132,033; Oct. 4.
- Garment. E. D. Kattermann. Re. 20,785; July 5.
- Garment. F. C. Kessler. 2,104,487; Jan. 4.
- Garment. M. S. Levinson. 2,135,139; Nov. 1.
- Garment. L. Loscher. 2,112,036; Mar. 22.
- Garment. C. P. Mele. 2,127,366; Aug. 16.
- Garment. E. W. Nelson. 2,136,393; Nov. 15.
- Garment. G. H. Preston. 2,138,041; Nov. 29.
- Garment. M. Rosenbloom. 2,121,304; June 21.
- Garment. C. H. Schopbach. 2,106,021; Jan. 18.
- Garment. E. Siegel. 2,124,405; July 19.
- Garment. L. B. Truesdell and A. K. Small. 2,109,951; Mar. 1.
- Garment. C. S. Wagner. 2,124,721; July 26.
- Garment. R. H. Wann. 2,138,588; Nov. 20.
- Garment. J. C. Ward. 2,133,601; Oct. 18.
- Garment. J. F. White. 2,134,630; Oct. 25.
- Garment, Adjustable. B. Mainzer. 2,126,122; Aug. 9.
- Garment, Airflow. R. York. 2,114,514; Apr. 19.
- Garment and fastening means. J. R. Lankenau. 2,134,976; Nov. 1.
- Garment and moistureproof cover means. J. R. Lankenau. 2,134,977; Nov. 1.
- Garment, Apparel. W. Kops. 2,115,146; Apr. 26.
- Garment attachment. H. K. Harrison. 2,118,196; May 24.
- Garment bag. W. R. Kohl. 2,139,237; Dec. 6.
- Garment bag. S. H. Marks. 2,128,099; Aug. 23.
- Garment bagging machine. H. D. Oliver. 2,132,095; Oct. 11.
- Garment, Body. M. R. Barnes. 2,125,482; Aug. 2.
- Garment, Boneless foundation. A. M. Rabensdorf. 2,117,103; May 10.
- Garment checking apparatus. P. Boumans and W. Brinck. 2,124,444; July 19.
- Garment checking apparatus, Coin controlled. W. W. Dennin. 2,108,402; Feb. 15.
- Garment, Child's. W. Murphey. 2,106,646; Jan. 25.
- Garment, Child's. V. L. Stephenson. 2,139,865; Dec. 13.
- Garment cleaning system. J. C. Shaw. 2,130,817; Sept. 20.
- Garment, Combination. F. Ellinger. 2,132,610; Oct. 11.
- Garment, Combination. J. H. Le Coney. 2,106,102; Jan. 18.
- Garment, Combination. S. S. Pedlar. 2,109,867; Mar. 1.
- Garment construction. I. B. Kay. 2,128,303; Aug. 30.
- Garment construction. G. W. Rosenberg. 2,112,788; Mar. 29.
- Garment construction, Children's. M. and D. L. Haber. 2,136,879; Nov. 15.
- Garment cover machine. M. Miller. 2,136,703; Nov. 15.
- Garment, Culotte. A. A. Wilson. 2,138,365; Nov. 29.
- Garment cutting tool. F. E. Cooper. 2,115,571; Apr. 26.
- Garment, Diapering. R. A. Tasker. 2,119,610; June 7.
- Garment, Drop seat. J. H. Le Coney. 2,106,553; Jan. 25.
- Garment ensemble, Maternity. E. Frankfurt and E. Ravkind. 2,141,814; Dec. 27.
- Garment for long-eared dogs. R. F. McCaleb. 2,136,115; Nov. 8.
- Garment for women, Foundation. J. Leonard. 2,131,707; Sept. 27.
- Garment, Foundation. P. Z. Gordon. 2,123,848; July 12.
- Garment, Foundation. W. Kops. 2,107,121; Feb. 1.
- Garment, Foundation. M. Simon. 2,120,817; June 14.
- Garment, Foundation. H. Wipperman. 2,113,065; Apr. 5.
- Garment, Foundation. H. Wipperman. 2,125,974; Aug. 9.
- Garment, Foundation. H. Wipperman. 2,128,568; Aug. 30.
- Garment, Girdle. M. G. Moore. 2,107,337; Feb. 8.
- Garment hanger. H. C. Beimler. 2,122,309; June 28.
- Garment hanger. R. Bernhardt. 2,128,219; Aug. 30.
- Garment hanger. B. Cahn. 2,106,563; Jan. 25.
- Garment hanger. C. B. Case. 2,109,584; Mar. 1.
- Garment hanger. J. M. Collins. 2,138,957; Dec. 6.
- Garment hanger. J. D. Coney. 2,107,026; Feb. 1.
- Garment hanger. J. D. Coney. 2,135,276; Nov. 1.
- Garment hanger. M. L. Donnellan. 2,117,656; May 17.
- Garment hanger. J. F. Fewster. 2,132,895; Oct. 11.
- Garment hanger. E. A. Ghazal. 2,108,853; Feb. 22.
- Garment hanger. E. Guillot. 2,111,772; Mar. 22.
- Garment hanger. A. H. Hall. 2,127,333; Aug. 16.
- Garment hanger. J. F. Harrison. 2,108,757; Feb. 15.
- Garment hanger. G. Q. Johnson. 2,135,255; Nov. 1.
- Garment hanger. C. E. Kennedy. 2,127,870; Aug. 23.
- Garment hanger. H. S. Kofalk. 2,133,054; Oct. 11.
- Garment hanger. J. Kurucz and A. Koteles. 2,114,803; Apr. 19.
- Garment hanger. N. A. Leash. 2,141,540; Dec. 27.
- Garment hanger. W. G. Luecke. 2,123,369; July 12.
- Garment hanger. L. M. Marble. 2,104,305; Jan. 4.
- Garment hanger. L. M. Marshall. 2,122,617; July 5.
- Garment hanger. E. Okun. 2,107,873; Feb. 8.
- Garment hanger. B. C. Place. 2,123,797; July 12.
- Garment hanger. W. Rader. 2,137,824; Nov. 22.
- Garment hanger. A. D. Reed. 2,129,871; Sept. 13.
- Garment hanger. F. W. Reehl. 2,137,700; Nov. 22.
- Garment hanger. W. Roberti. 2,135,846; Nov. 8.
- Garment hanger. N. B. Smith. 2,123,973; July 19.
- Garment hanger. S. C. Treadway and C. Heckendorn. 2,107,224; Feb. 1.
- Garment hanger. J. Woods. 2,119,934; June 7.
- Garment hanger. B. M. Yankovitch. 2,123,518; July 12.
- Garment hanger. M. Zomba. 2,119,947; Apr. 5.
- Garment hanger attachment. A. Hamilton and C. Brock. 2,106,947; Feb. 1.
- Garment hanger rack. W. C. McDermott. 2,122,324; June 28.
- Garment holder. E. F. Holthaus. 2,122,141; June 28.
- Garment, Hose supporting foundation bloomer. R. F. Peck. 2,136,250; Nov. 8.
- Garment, Infant's. J. Astrove. 2,131,948; Sept. 27.
- Garment, Infant's. A. Fridolph. 2,122,417; July 5.
- Garment, Infant's sleeping. B. C. Mann. 2,130,771; Sept. 20.
- Garment, Man's. H. Westerman. 2,139,532; Dec. 6.
- Garment manufacture. E. A. Lockwood. 2,123,749; Oct. 18.
- Garment measuring device. E. Guillot. 2,109,823; Mar. 1.
- Garment or ironing press. P. N. Braun and E. Davis. 2,105,938; Jan. 18.
- Garment or the like, Foundation. P. H. Robbins. 2,137,182; Nov. 15.
- Garment press. N. Slobotkin. 2,110,031; Mar. 1.
- Garment pressing machine. H. G. Reede. 2,130,481; Sept. 20.
- Garment pressing machine. G. H. Rawlinson. 2,126,577; Aug. 9.
- Garment protector. E. H. Blinn. 2,111,164; Mar. 15.
- Garment protector. E. H. Blinn. 2,125,897; Aug. 9.
- Garment protector, Transparent. B. W. Whitman. 2,132,337; Oct. 4.
- Garment, Raglan sleeve. R. E. Blood. 2,104,288; Jan. 4.
- Garment renewing machine. J. S. Reur. 2,120,340; June 14.
- Garment sleeping and truding machine. M. J. Rubenstein. 2,107,021; Feb. 8.



- Garment shortening apparatus. H. and H. Zweig. 2,123,873; July 19.
- Garment, Sleeping. L. W. Helmuth. 2,135,286; Nov. 1.
- Garment, Static resisting. S. S. and J. B. Hall. 2,106,348; Jan. 25.
- Garment steaming device. C. R. Lendle. 2,140,961; Dec. 20.
- Garment support. S. Bach. 2,109,280; Feb. 22.
- Garment support, Nonslip. C. S. Gessler. 2,107,731; Feb. 8.
- Garment, Traffic officer's. C. A. Wheeler. 2,130,439; Sept. 20.
- Garment, Tubular woven elastic. J. V. Moore. 2,117,974; May 17.
- Garment with detachable hood. H. Wilkie. 2,129,454; Sept. 6.
- Garment with detachable sleeve, Body. S. M. Shuster. 2,122,873; July 5.
- Garment, Women's nether. A. Steinhaus. 2,113,036; Apr. 5.
- Garments, Method and apparatus for washing. A. N. Spänel. 2,133,584; Oct. 18.
- Garter. F. W. Keeler. 2,129,092; Sept. 6.
- Garter construction. E. Rliesath. 2,117,286; May 17.
- Garter construction. R. Karger. 2,115,075; Apr. 26.
- Garter, girdle, brassiere or like garment. H. M. Herbener. 2,136,742; Nov. 15.
- Gas administering machine. J. A. Heidbrink. Re. 20,781; July 5.
- Gas analysis cell of the thermal conductivity type. W. O. Hebler. 2,116,239; May 3.
- Gas analyzing apparatus. A. F. Spitzglass, and G. W. Grisdale. 2,128,381; Aug. 30.
- Gas and liquid contact apparatus and method. F. Denig and H. A. Gollmar. 2,125,190; July 26.
- Gas and liquid contact apparatus and method. F. Denig and H. A. Gollmar. 2,125,263; July 26.
- Gas and liquid contact, Process and apparatus for. C. E. Mensing. 2,120,256; June 14.
- Gas and liquid contacting apparatus. C. T. Asbury. 2,122,334; June 28.
- Gas and liquor treatment apparatus. J. Schulte. 2,141,047; Dec. 20.
- Gas apparatus, Carbureted water. H. J. Carson. 2,131,310; Sept. 27.
- Gas, Apparatus for testing. G. Raymond. 2,119,238; May 31.
- Gas, Apparatus for the continuous production of water. H. Koppers. 2,137,723; Nov. 22.
- Gas, Apparatus for the production of combustible. C. A. Medsker. 2,127,880; Aug. 23.
- Gas arc lamp. K. F. J. Kirsten. 2,114,535; Apr. 19.
- Gas burner. C. A. Achterfeldt. 2,131,701; Sept. 27.
- Gas burner. F. W. Cohrs. 2,104,317; Jan. 4.
- Gas burner. R. C. Dailey. 2,117,275; May 17.
- Gas burner. P. M. Forster. 2,132,020; Oct. 4.
- Gas burner. R. L. Haney. 2,134,972; Nov. 1.
- Gas burner. F. H. Le Compte. 2,125,678; Aug. 2.
- Gas burner. H. C. Lloyd. 2,116,840; May 10.
- Gas burner. J. E. Loeffler. 2,136,449; Nov. 15.
- Gas burner. O. Lutherer. 2,117,968; May 17.
- Gas burner. J. L. Scott. 2,113,001; Apr. 5.
- Gas burner. D. M. Waters. 2,111,827; Mar. 22.
- Gas, Burning. H. C. Caldwell. 2,116,096; May 3.
- Gas burning apparatus. F. Hess. 2,105,533; Jan. 18.
- Gas burning means. J. S. Zink. 2,142,014; Dec. 27.
- Gas cleaner. W. L. Buchs. 2,129,490; Sept. 6.
- Gas cleaner. O. R. Rice. 2,135,201; Nov. 1.
- Gas compressor. C. A. Bergmann. 2,118,371; May 24.
- Gas compressor. A. C. Whites. 2,141,057; Dec. 20.
- Gas compressor and clearance varying means therefor. H. C. Guild. 2,118,843; May 31.
- Gas control system. C. S. Andersen. 2,139,344; Dec. 6.
- Gas control valve. A. B. Cochrane. 2,117,944; May 17.
- Gas controlling device. A. A. Heinzelmänn. 2,107,863; Feb. 8.
- Gas conversion. H. B. Cooke. 2,128,220; Aug. 30.
- Gas delivery apparatus. M. P. De Motte. 2,136,075; Nov. 8.
- Gas-density meter. H. Dallmann. 2,123,038; July 5.
- Gas detecting system, Combustible. J. B. Quick. 2,122,070; June 28.
- Gas device, Tear. H. I. Stevenson. 2,136,647; Nov. 15.
- Gas discharge paths, Control of parallel working sets comprising controlled. W. Schilling. 2,137,098; Nov. 15.
- Gas discharge tuning indicator. T. J. Scofield. 2,120,955; June 14.
- Gas-dust mixtures, Separation and gas treatment of. K. von Haken. 2,130,210; Sept. 13.
- Gas expanded product. D. Roberts. 2,140,552; Dec. 20.
- Gas-filled tube. D. W. Bodie. 2,112,327-8; Mar. 29.
- Gas from enclosed areas, Apparatus and method for removing. E. Lamb. 2,120,563; June 14.
- Gas generating process. F. Winkler and P. Feiler. 2,133,496; Oct. 18.
- Gas generating process, Oil. W. B. Harris. 2,119,432; May 31.
- Gas generator. V. D. McDonnell. 2,106,184; Jan. 25.
- Gas heater. H. W. Hart. 2,130,086; Sept. 13.
- Gas heater, High temperature. C. Keller. 2,119,817; June 7.
- Gas holder. T. M. Goodrich. 2,117,314; May 17.
- Gasholder, Waterless. S. G. Wise. 2,134,167; Oct. 25.
- Gasholders, Erecting collapsible. K. Jagschitz. 2,105,080; Jan. 11.
- Gas keeper. J. M. G. Darms. 2,107,600; Feb. 8.
- Gas lift pump. J. E. Hoover. 2,129,090; Sept. 6.
- Gas-lift pump. G. S. Knox. 2,132,738; Oct. 11.
- Gas lift valve. T. E. Bryan. 2,137,441; Nov. 22.
- Gas lines, Repairing. J. C. Wasser. 2,113,204; Apr. 5.
- Gas liquor treatment. F. Denig. 2,127,503; Aug. 23.
- Gas, Making. A. R. Stryker. 2,126,150; Aug. 9.
- Gas, Making. W. Tiddy, C. H. Hughes, and R. P. Oliveros. 2,130,163; Sept. 13.
- Gas making apparatus. M. M. Brandegee and C. E. Hemminger. 2,131,696; Sept. 27.
- Gas, Making carbureted water. A. Johnson. 2,112,626; Mar. 29.
- Gas, Making carbureted water. W. Tiddy. 2,118,332; May 24.
- Gas, Making combustible. C. I. Tenney. 2,129,248; Sept. 6.
- Gas, Manufacturing carbureted water. L. J. Willien and L. Stein. 2,129,341; Sept. 6.
- Gas mask. A. V. Motsinger. 2,116,492; May 3.
- Gas mask equipment. F. C. Millard. 2,123,196; July 12.
- Gas measuring and dispensing apparatus. R. B. Everson. 2,135,302; Nov. 1.
- Gas meter. E. E. Bates. 2,118,065; May 24.
- Gas meter. L. H. Morse and T. F. Smith. 2,115,208; Apr. 26.
- Gas meter, Prepayment. F. P. Smith. 2,114,117; Apr. 12.
- Gas meter, Pressure compensating. A. D. MacLean and F. Niesemann. 2,122,529; July 5.
- Gas mixer. G. R. Adams. 2,128,519; Aug. 30.
- Gas mixer. A. Tonkin. 2,106,903; Feb. 1.
- Gas mixing device. W. J. Linn. 2,133,623; Oct. 18.
- Gas mixtures, Process and apparatus for the separation of. F. Pollitzer. 2,122,238; June 28.
- Gas of high calorific power, Production of a. F. Danulat. 2,134,548; Oct. 25.
- Gas or vapor compressors, Control of. A. E. Beals. 2,140,306; Dec. 13.
- Gas or vapor discharge spaces, Igniting. G. Mierdel. 2,134,527; Oct. 25.
- Gas pilot valve. H. J. Long. 2,114,849; Apr. 19.
- Gas pockets in liquid filled cables, Eliminating. O. Gasser. 2,115,574; Apr. 26.
- Gas, Process and apparatus for analyzing. L. L. Vayda. 2,106,777; Feb. 1.
- Gas, Process and apparatus for making carbureted water. C. V. McIntire. 2,118,095; May 24.
- Gas process, High pressure. W. H. Vaughan. 2,133,774; Oct. 18.
- Gas producer. H. Deringer. 2,108,764; Feb. 15.
- Gas producer. P. van Ackeren. 2,141,116; Dec. 20.
- Gas producers, Updraft. W. M. Telford. 2,134,492; Oct. 25.
- Gas producing and smoke consuming firebox and down draft kiln. W. E. Warwood. 2,104,781; Jan. 11.
- Gas-producing apparatus. F. Kamann. 2,114,144; Apr. 12.
- Gas production, Natural. G. J. Baldwin and G. W. Addy. 2,136,229; Nov. 8.
- Gas pump. W. F. Borgerd, F. L. McCune and C. A. Uhrek. 2,124,181; July 19.
- Gas purification process. H. A. Gollmar. 2,106,734; Feb. 1.
- Gas, Purifying coke oven. F. D. Schreiber. 2,113,002; Apr. 5.
- Gas-purifying device. G. W. Grisdale. 2,138,153; Nov. 29.
- Gas purifying material. F. C. Post. 2,124,260; July 19.
- Gas recovery process, Reclaimed. W. H. Swanson and D. C. Porter. 2,141,886; Dec. 27.
- Gas-retaining fabric. T. P. Sager and D. F. Houston. 2,126,818; Aug. 16.
- Gas salvaging device, Rare. L. C. Stringer. 2,108,216; Feb. 15.
- Gas samples, Method and apparatus for collecting soil. J. B. Clark. 2,141,261; Dec. 27.
- Gas saver. D. L. Newton. 2,111,031; Mar. 15.
- Gas saver for internal combustion engines. R. J. Foster. 2,122,414; July 5.
- Gas separator. W. I. Bettis. 2,107,625; Feb. 8.
- Gas set, Carbureted water. C. V. McIntire and W. Tiddy. 2,118,096; May 24.
- Gas storage and dispensing system, Liquefied. L. J. White. 2,121,674; June 21.
- Gas storage and dispensing system, Liquefied. D. F. Youngblood. 2,142,065; Dec. 27.
- Gas suitable for the synthesis of hydrocarbons free from carbon monoxide and hydrogen, Production of. H. Koppers. 2,132,533; Oct. 11.
- Gas supplying apparatus. C. R. Richter. 2,116,642; May 10.
- Gas tank locking cap. H. W. Burton. 2,125,012; July 26.
- Gas testing. S. D. Price. 2,114,401; Apr. 19.
- Gas testing method and apparatus. M. G. Jacobson. 2,114,383; Apr. 19.
- Gas to internal combustion engines, Apparatus for supplying. A. H. Kruse. 2,109,963; Mar. 1.
- Gas trap. W. C. Kimbrough. 2,134,050; Oct. 25.
- Gas treatment. C. B. Faverty. 2,123,885; July 19.
- Gas turbine system. A. Lysholm. 2,115,112; Apr. 26.
- Gas turbine system. A. Lysholm. 2,115,338; Apr. 26.
- Gas valve. V. D. Beehler. 2,138,621; Nov. 29.



- Gas valve. J. H. Grayson. 2,130,796; Sept. 20.  
 Gas valve. D. G. Kappelman. 2,131,740; Oct. 4.  
 Gas valve. B. L. Matthews and J. T. Marvin. 2,118,013; May 17.  
 Gas vent, Post surgical. F. I. Fennell. 2,112,666; Mar. 29.  
 Gas washer. S. P. Kinney and C. E. Dougan. 2,127,645; Aug. 23.  
 Gaseous conduction apparatus. C. G. Smith. 2,138,518; Nov. 29.  
 Gaseous conduction device. R. E. Barclay. 2,121,333; June 21.  
 Gaseous content of materials, Apparatus for determining the. C. E. Gray. 2,141,977; Dec. 27.  
 Gaseous discharge device, Electric. W. Elenbaas. 2,116,741; May 10.  
 Gaseous discharge device, Electric. W. Elenbaas. 2,135,702; Nov. 8.  
 Gaseous discharge device, Electric. W. Elenbaas and A. van Wyk. 2,135,701; Nov. 8.  
 Gaseous discharge device, Electric. T. E. Foulke. 2,116,678; May 10.  
 Gaseous discharge device, Electric. W. Hänlein and H. Krefft. 2,135,662; Nov. 8.  
 Gaseous discharge device, Electrical. P. L. Spencer. 2,124,682; July 26.  
 Gaseous discharge lamp, Electric. J. Kern and H. Krefft. 2,116,702; May 10.  
 Gaseous discharge tube. O. S. Duffendack and R. A. Wolfe. 2,122,932; July 5.  
 Gaseous electric discharge device. M. J. Druyvesteyn and N. Warmoltz. 2,104,073; Jan. 4.  
 Gaseous electric discharge lamp. J. H. Mitchell. 2,135,726; Nov. 8.  
 Gaseous fuel burner. D. A. Campbell. 2,105,344; Jan. 11.  
 Gaseous luminous sign, Interchangeable. A. H. Kenigsberg. 2,140,703; Dec. 20.  
 Gaseous mixtures, Method and apparatus for cooling and rectifying. W. L. De Baufre. 2,105,214; Jan. 11.  
 Gaseous mixtures, Method of and apparatus for separation of moist. W. L. De Baufre. 2,116,191; May 3.  
 Gases, Absorption of acidic. D. W. Parkes and R. B. Evans. 2,106,435; Jan. 25.  
 Gases and apparatus therefor, Purifying. F. G. Cottrell. 2,121,733; June 21.  
 Gases, Apparatus for cleaning. W. P. Chandler, Jr. 2,132,146; Oct. 4.  
 Gases, Apparatus for detecting. W. K. Hull. 2,106,147; Jan. 18.  
 Gases, Apparatus for determining dew point of. A. B. Martin and H. M. Wade. 2,108,173; Feb. 15.  
 Gases, Apparatus for dispensing compressed. C. C. Straw. 2,122,897; July 5.  
 Gases, Apparatus for treating. B. M. Carter. 2,116,748; May 10.  
 Gases containing polymerizable substances, Treating. A. Engelhardt. 2,125,997; Aug. 9.  
 Gases, Desulphurizing. O. Roelen and W. Feisst. 2,110,240; Mar. 8.  
 Gases formed by the combustion of ammonia, Absorption, in highly concentrated nitric acid, of nitrous. T. Fischer. 2,128,527; Aug. 30.  
 Gases from an internal combustion engine for re-use therein, Condensing and refining exhaust. H. Lundquist. 2,115,228; Apr. 26.  
 Gases from liquids, Removing. B. F. Randel. 2,104,759; Jan. 11.  
 Gases from saturated hydrocarbon gases, Continuously separating unsaturated hydrocarbon. R. H. McKee. 2,124,426; July 19.  
 Gases in aqueous liquids, Apparatus for indicating oxidizing. G. Ornstein and R. Kroke. 2,114,234; Apr. 12.  
 Gases in automobiles, Device for storing exhaust. T. L. Hollister. 2,116,434; May 3.  
 Gases or vapors with liquids, Apparatus for treating. W. von der Emde. 2,137,735; Nov. 22.  
 Gases, Polymerization of. M. T. Carpenter, R. F. Ruthruff, and J. K. Roberts. 2,122,878; July 5.  
 Gases, Polymerization of. R. F. Ruthruff. Re. 20,931; Nov. 29.  
 Gases, Polymerization of hydrocarbon. R. C. Osterstrom and C. R. Wagner. 2,121,258; June 21.  
 Gases, Production of unsaturated hydrocarbon. J. J. Grebe, G. M. Hebbard, and R. E. Schneider. 2,113,536; Apr. 5.  
 Gases, Purifying. H. B. Cooke. 2,134,507; Oct. 25.  
 Gases to liquid, Thermolytic conversion of hydrocarbon. J. W. Throckmorton. 2,117,464; Apr. 17.  
 Gases, Treatment of. H. A. Beekhuis, Jr. 2,123,072; July 5.  
 Gases, Treatment of hydrocarbon. H. V. Atwell. 2,125,235; July 26.  
 Gases, Utilization of waste. A. W. Lissauer. 2,122,037; June 28.  
 Gases, Wet purification of. G. Nonhebel and J. L. Pearson. 2,113,198; Apr. 5.  
 Gases with hydrocarbon liquids, Combining hydrocarbon. M. P. Youker. 2,104,285; Jan. 4.  
 Gasket. G. T. Balfe. 2,109,814; Mar. 1.  
 Gasket. G. T. Balfe. 2,126,716; Aug. 16.  
 Gasket. P. W. Dempsey. 2,125,331; Aug. 2.  
 Gasket. M. D. Fitzgerald. 2,114,442; Apr. 19.  
 Gasket. M. D. Fitzgerald. 2,134,868; Nov. 1.  
 Gasket. F. L. Hushulter. 2,134,302; Oct. 25.  
 Gasket. E. H. Wells, Jr. 2,116,746; May 10.  
 Gasket, All-metal. P. J. Fitzgerald. 2,135,807; Nov. 8.  
 Gasket, Coated all-metal. J. H. and B. J. Victor. 2,127,372; Aug. 16.  
 Gasket holder. G. R. Wyman. 2,127,578; Aug. 23.  
 Gasket, Laminated. H. B. Denman. 2,136,734; Nov. 15.  
 Gasket, Laminated metal and asbestos. J. H. and J. B. Victor. 2,130,110; Sept. 13.  
 Gaskets, Manufacturing. N. E. Oglesby. 2,139,314; Dec. 6.  
 Gasket, packing, and the like. E. W. Smith. 2,131,762; Oct. 4.  
 Gasket, Sealing. J. D. Lewis. 2,130,017; Sept. 13.  
 Gasket, Sealing. K. J. Soule. 2,106,817; Feb. 1.  
 Gasket, Self retaining. H. A. Boyle. 2,109,522; Mar. 1.  
 Gasket stripping. W. L. Harlow. 2,122,608; July 5.  
 Gasoline and coke, Manufacture of. P. Ostergaard. 2,135,108; Nov. 1.  
 Gasoline and oil engine, Combination. P. Maniscalco. 2,128,006; Aug. 23.  
 Gasoline antioxidant. H. T. Clarke and F. R. Bean. 2,122,408; July 5.  
 Gasoline, Cracking. D. G. Brandt. 2,108,762; Feb. 15.  
 Gasoline dispenser. C. Pleuthner. 2,106,679; Jan. 25.  
 Gasoline distillates, Reforming of. A. J. van Peski. 2,105,850; Jan. 18.  
 Gasoline dump device for airplanes. F. A. Jones. 2,138,970; Dec. 6.  
 Gasoline fraction of high antiknock grade, Producing a. P. J. Wiezevich, now by change of name P. J. Gaylor. 2,123,642; July 12.  
 Gasoline from gases, Separating. C. H. Greenewalt. 2,113,588; Apr. 12.  
 Gasoline, Manufacture of antiknock. L. de Florez. 2,125,855; Aug. 2.  
 Gasoline, Manufacturing. J. R. Rose. 2,126,281; Aug. 9.  
 Gasoline or other liquid hydrocarbons, Manufacturing. J. R. Rose. 2,126,283; Aug. 9.  
 Gasoline, Producing. C. B. Hillhouse. 2,125,921; Aug. 9.  
 Gasoline, Treatment of stored cracked. J. C. Morrell. 2,115,781; May 3.  
 Gasolines, Stabilizing. W. W. Holland. 2,125,636; Aug. 2.  
 Gate: See—  
 Adjustable film gate. Sluice gate.  
 Bin gate. Starting gate.  
 End gate. Tractor gate.  
 Film gate. Traffic control-gate.  
 Hinged automatic flash-board gate. Water gate.  
 Roller gate. Wicket gate.  
 Gate. E. J. Bopp. 2,116,821; May 10.  
 Gate. M. Mortensen. 2,109,300; Feb. 22.  
 Gate and latch, Vehicle operated. J. Bock. 2,118,722; May 24.  
 Gate and signal protective means, Combination crossing. H. C. Sampson. 2,137,196; Nov. 15.  
 Gate apparatus for surface irrigation pipes. S. Frey. 2,129,758; Sept. 13.  
 Gate for locomotives, Coaling. W. Dietrich. 2,107,781; Feb. 8.  
 Gate lifter. E. Morfesi and A. Kindelmann. 2,105,890; Jan. 18.  
 Gate structure, Crossing. H. F. Hawes. 2,141,953; Dec. 27.  
 Gate valve. C. W. Bennett and B. H. Staats. 2,109,042; Feb. 22.  
 Gate valve. P. A. Kinzie and W. H. Kohler. 2,131,053; Sept. 27.  
 Gate valve, Reciprocating. P. A. Kinzie. 2,131,050; Sept. 27.  
 Gates, Apparatus for mechanically operating level crossing. Z. Tadros. 2,131,989; Oct. 4.  
 Gathering and loading machine. F. Cartledge. 2,123,328; July 12.  
 Gauge: See—  
 Axle gauge. Make-up gauge.  
 Boiler water level gauge. Micrometer gauge.  
 Bullet hole gauge. Multiple drilling gauge.  
 Brake adjusting gauge. Multipurpose gauge.  
 Brick bond gauge. Pinhole gauge.  
 Continuous gauge. Pneumatic tire gauge.  
 Cylinder gauge. Precision gauge.  
 Dashboard tire pressure gauge. Pressure fluid gauge.  
 Depth gauge. Pressure gauge.  
 Differential draft gauge. Radn gauge.  
 Differential pinion gauge. Raker gauge.  
 Dispensing gauge. Rapid measuring or spacing gauge.  
 Electrically operated gauge. Roof gauge.  
 Float gauge. Stem gauge.  
 Fluid gauge. Stitching guide gauge.  
 Flooded gauge. Tank gauge.  
 Lathe hand gauge. Thickness gauge.  
 Line-up gauge. Typist's copying gauge.  
 Liquid flow gauge. Tube gauge.  
 Liquid gauge. Valve and pressure gauge.  
 Liquid level gauge. Wheel turning gauge.  
 Gauge. W. Ames. 2,117,737; May 17.  
 Gauge. C. H. Antrim. 2,123,395; July 12.  
 Gauge. R. R. Boatle. 2,106,993; Feb. 1.  
 Gauge. J. O. Coleman. 2,125,545; Aug. 2.  
 Gauge. F. S. Gruver. 2,125,016; July 26.



- Gauge. H. Hierta. 2,134,189; Oct. 25.  
 Gauge. F. H. Hopkins. 2,141,211; Dec. 27.  
 Gauge. H. James. 2,134,516; Oct. 25.  
 Gauge. T. A. Olson. 2,134,372; Oct. 25.  
 Gauge. C. C. Street. 2,124,014; July 19.  
 Gauge. C. G. Sutton. 2,115,347; Apr. 26.  
 Gauge. N. Trbojevich. 2,134,062; Oct. 25.  
 Gauge and light switch, Combination safety oil. C. Jellik, Jr. 2,117,063; May 10.  
 Gauge and scriber, Adjustable. E. C. Sharrar. 2,112,179; Mar. 22.  
 Gauge and telltale signal, Combined pressure. R. Clason. 2,139,327; Dec. 6.  
 Gauge attachment for sewing machines. W. Rakov. 2,130,446; Sept. 20.  
 Gauge construction. H. Hastings and G. E. Ford. 2,123,532; July 12.  
 Gauge control apparatus. W. R. Hetler. 2,137,611; Nov. 22.  
 Gauge device. D. Comino. 2,138,293; Nov. 29.  
 Gauge device, Pressure. W. Pechy. 2,128,265; Aug. 30.  
 Gauge for and method of measuring strains in glass, Strain. S. M. Gray. 2,119,577; June 7.  
 Gauge for automobiles, Radius. H. Wochner. 2,125,534; Aug. 2.  
 Gauge for book stamping and printing machines. J. J. Donato. 2,123,098; July 5.  
 Gauge for clippers, Veneer. H. B. Iben. 2,129,133; Sept. 6.  
 Gauge for cutting machines. N. A. Monfils. 2,113,706; Apr. 12.  
 Gauge for cylinders and the like, Internal. H. P. Phillips. 2,134,262; Oct. 25.  
 Gauge for internal combustion motors, Pressure. J. Bonhard. 2,122,243; June 28.  
 Gauge for liquid dispensing pumps, Sight. W. H. D. Brouse. 2,139,148; Dec. 6.  
 Gauge for masonry joints. W. Grund. 2,132,027; Oct. 4.  
 Gauge for measuring angles. M. Posthuma. 2,105,054; Jan. 11.  
 Gauge for paper cutters, Back. J. R. Lehman. 2,133,031; Oct. 11.  
 Gauge for pipe cores. F. T. Hafen. 2,122,840; July 5.  
 Gauge for printing presses, Side register. A. and E. Kluge. 2,138,107; Nov. 29.  
 Gauge for punches, Back. G. H. Dawson. 2,123,170; July 12.  
 Gauge for setting internally threaded blanks in a thread grinding machine. O. Hintz. 2,112,491; Mar. 29.  
 Gauge for squaring shears, Back. R. L. Brownlee. 2,125,539; Aug. 2.  
 Gauge glass indicator. C. L. Blackburn. 2,115,899; May 3.  
 Gauge head, Continuous. S. B. Terry and R. S. Fox. 2,115,351; Apr. 26.  
 Gauge mechanism. B. F. Stowell. 2,113,414; Apr. 5.  
 Gauge or indicator. C. C. Street. 2,141,627; Dec. 27.  
 Gauge or indicator for lathes. B. M. Seif. 2,105,703; Jan. 18.  
 Gauge pin. H. F. Johnson. 2,133,680; Oct. 18.  
 Gauge, Pressure. H. Seegers. Re. 20,830; Aug. 16.  
 Gauge rod. A. A. Morrell. 2,127,042; Aug. 16.  
 Gauge rod. M. E. Tower. 2,127,835; Aug. 23.  
 Gauge tape case. V. T. Laingor. 2,106,053; Jan. 18.  
 Gauging apparatus. J. E. Padgett. 2,126,495; Aug. 9.  
 Gauging device. L. F. Poock and W. F. Aller. 2,139,282; Dec. 6.  
 Gauging fixture. H. W. Zimmerman. 2,107,558; Feb. 8.  
 Gauging machine. R. H. Cramer. 2,116,926; May 10.  
 Gauging mechanism. J. M. Whelton. 2,119,564; June 7.  
 Gear. See—  
   Automobile steering gear. Retractable landing gear.  
   Change speed gear. Reversing gear.  
   Draft and buffing gear. Roller roofing gear.  
   Draft gear. Running gear.  
   Electric switch gear. Sectional gear.  
   Epicyclic transmission gear. Speed changing gear.  
   Hydraulic steering gear. Steering gear.  
   Hydraulic transmission gear. Stepless change gear.  
   Landing gear. Switch gear.  
   Power reverse gear. Valve gear.  
   Reduction gear. Variable speed friction gear.  
   Releasing gear. Variable speed gear.  
   Wagon running gear.  
 Gear. R. Erhan. 2,127,588; Aug. 23.  
 Gear. E. Wildhaber and A. H. Candee. 2,105,104; Jan. 11.  
 Gear adjustment for steering gears, Worm. C. F. Hammond, Jr., and H. E. Pulleyblank. Re. 20,637; Jan. 25.  
 Gear assembly, Steering. E. O. Schjolin. 2,128,329; Aug. 30.  
 Gear case drive shaft mounting. J. A. Castricone. 2,122,085; June 28.  
 Gear centering clip, Draft. R. S. Firth. 2,135,704; Nov. 8.  
 Gear change operating means. S. J. Boughton. 2,129,259; Sept. 6.  
 Gear, Change speed transmission. E. R. Burtnett. Re. 20,685; Apr. 5.  
 Gear-changing device for motor vehicles. K. Maybach. 2,118,978; May 31.  
 Gear cutter. J. E. Gleason. 2,129,056; Sept. 6.  
 Gear cutter. E. C. Head. 2,135,893; Nov. 8.  
 Gear cutter. E. Wildhaber. 2,129,077; Sept. 6.  
 Gear cutting machine. C. T. Galloway. 2,139,154; Dec. 6.  
 Gear cutting machine, Helical. A. Aepli. 2,130,055; Sept. 13.  
 Gear cutting tool, Rotary. R. S. Drummond. 2,126,178; Aug. 9.  
 Gear device. W. L. Smith. 2,112,253; Mar. 29.  
 Gear drive for combined washer and centrifugal drier. P. E. Geldhof. 2,111,143; Mar. 15.  
 Gear drive, Planetary. W. B. Osborne. 2,115,963-4; May 3.  
 Gear finishing machine. W. F. Dalzen. 2,123,717; July 12.  
 Gear finishing tool. A. W. Simowski. 2,119,298; May 31.  
 Gear for aeroplanes, Retractable landing. K. L. Lévy. 2,123,113; July 5.  
 Gear for aeroplanes, Winter landing. A. Ferrier. 2,108,962; Feb. 22.  
 Gear for aircraft, Landing. R. Saulnier. 2,106,934; Feb. 1.  
 Gear for continuous working photographic copying machines, Driving. J. Waibler. 2,124,267; July 19.  
 Gear for electric starters, Transmission. A. Moisy. 2,108,384; Feb. 15.  
 Gear for internal combustion engines, Starting. G. E. Ramstad. 2,135,768; Nov. 8.  
 Gear for rail vehicles, Power transmission. W. Hahn. 2,106,843; Feb. 1.  
 Gear for ships, Hydraulic steering. W. G. Riddell. 2,139,604; Dec. 6.  
 Gear for use in the power transmission of vehicles, ships, and the like, Reversing. H. Austin. 2,109,610; Mar. 1.  
 Gear generating machine. E. W. Miller. 2,129,858; Sept. 13.  
 Gear generation and apparatus for performing such method, Method of. E. Stubbs. 2,121,840; June 28.  
 Gear grinding machine. C. T. Galloway. 2,133,386; Oct. 18.  
 Gear head for freezers. J. W. Townsend. 2,117,923; May 17.  
 Gear lapping machine. E. R. Nyland. 2,108,547; Feb. 15.  
 Gear lapping machine. W. E. Sykes. 2,114,616; Apr. 19.  
 Gear, Locating, locking, and indicating means for a shiftable. J. C. Woodford. 2,106,686; Jan. 25.  
 Gear mechanism. K. C. Bugg. 2,137,524; Nov. 22.  
 Gear mechanism for cycles and the like, Change speed. J. T. Morgan. 2,108,941; Feb. 22.  
 Gear mechanism, Ratchet. D. D. Fanabaker. 2,121,405; June 21.  
 Gear puller. C. F. Carlberg. 2,109,740; Mar. 1.  
 Gear puller. A. L. Cornwell. 2,136,004; Nov. 8.  
 Gear pump. L. Seyvertsen. 2,134,153; Oct. 25.  
 Gear selector and shift, Automatic. R. Head. 2,116,892; May 10.  
 Gear shaping machine, Plural. E. W. Miller. 2,107,543; Feb. 8.  
 Gear shaping machine, Throated. E. W. Miller. 2,118,453; May 24.  
 Gear shaping machine with swiveled cutter saddle support. E. W. Miller. 2,126,339; Aug. 9.  
 Gear shift. W. F. Eckert. 2,138,148; Nov. 29.  
 Gear shifter. H. N. Durham. 2,109,615; Mar. 1.  
 Gear shifting and locking device. A. Kurti and A. D. Robbins. 2,118,090; May 24.  
 Gear shifting, Automatic. A. A. Hodgkins. 2,124,507; July 19.  
 Gear shifting device, Vacuum-operated. H. N. Durham. 2,115,097; Apr. 26.  
 Gear shifting mechanism. W. E. Bassett. 2,116,692; May 10.  
 Gear shifting mechanism. P. M. Carter and D. F. Linsley. 2,129,083; Sept. 6.  
 Gear shifting mechanism. G. A. Gemmer. 2,137,337; Nov. 22.  
 Gear shifting mechanism. J. A. McDaniel. 2,108,264; Feb. 15.  
 Gear shifting mechanism. E. J. Thurber. 2,141,096; Dec. 20.  
 Gear shifting mechanism. T. J. Turek. 2,137,959; Nov. 22.  
 Gear shifting mechanism, Automatic. E. G. Hill and J. X. Phillips. 2,109,443; Feb. 22.  
 Gear shifting mechanism, Automatically operated. C. D. Buck. 2,138,534; Nov. 29.  
 Gear shifting mechanism for motor vehicles. H. W. Hey. 2,119,255; May 31.  
 Gear shifting mechanism for motor vehicles. S. M. Nampa. 2,136,751; Nov. 15.  
 Gear testing machine. C. G. Olson. 2,124,119; July 19.  
 Gear transmission. H. C. Behrens. 2,131,531; Sept. 27.  
 Gear transmission. W. F. Eckert. 2,134,109; Oct. 25.  
 Gear with centrifugal control, Variable speed. A. Timmermann. 2,118,425; May 24.  
 Gear with variable speed, Transmitting. H. Guiraud. 2,127,814; Aug. 23.  
 Gearing. J. H. Doran. 2,133,135; Oct. 11.  
 Gearing. J. J. Guest. 2,128,815; Aug. 30.  
 Gearing. E. J. Woltersdorf. 2,107,463; Feb. 8.  
 Gearing, Automatic overdrive. F. W. Cotterman. 2,116,234; May 3.  
 Gearing, Automatic reverse. W. A. Reich. 2,128,715; Aug. 30.



- Gearing, Camoid. K. Papello. 2,116,323; May 3.  
 Gearing, Change speed. J. M. Hall and H. E. Tucker. 2,133,987; Oct. 25.  
 Gearing, Change speed. R. E. Layman. 2,138,065; Nov. 29.  
 Gearing, Draft and buffing. G. E. Edmunds. 2,118,298; May 24.  
 Gearing for automotive vehicles, Automatic change speed. G. B. Moross. 2,107,422; Feb. 8.  
 Gearing for chain-driven vehicles, Change-speed. V. Page. 2,117,116; May 10.  
 Gearing for skates. S. Segal. 2,138,887; Dec. 6.  
 Gearing for vehicles and the like, Transmission. I. Martelli. 2,128,425; Aug. 30.  
 Gearing for washing machines and the like, Drive. H. H. Lindstrom. 2,135,904; Nov. 8.  
 Gearing, Frictional transmission. F. Götz. 2,115,522; Apr. 26.  
 Gearing, Intermittent. J. Schackleton. 2,124,213; July 19.  
 Gearing, Overdrive. W. B. Barnes. 2,139,350; Dec. 6.  
 Gearing, Speed varying. F. M. Tomlinson. 2,116,180; May 3.  
 Gearing, Torque and speed increasing. A. F. P. Stenzy. 2,122,330; June 28.  
 Gearing, Variable ratio. F. Hejduk and J. Neumann. 2,128,413; Aug. 30.  
 Gearing, Variable speed. F. Perruca. 2,132,801; Oct. 11.  
 Gearing, Variable speed. J. Yoxall. 2,135,246; Nov. 1.  
 Gears, Apparatus and method for lapping. W. F. Slomer. 2,139,290; Dec. 6.  
 Gears, Breaking in. R. C. Moran. 2,133,828; Oct. 18.  
 Gears, Finishing. O. G. Simmons. 2,132,026; July 5.  
 Gears, Finishing. O. G. Simmons. 2,137,146; Nov. 15.  
 Gears, Making cylinder. W. M. Wattie. 2,123,265; July 12.  
 Gears, Making pump. B. A. Linderman. 2,126,200; Aug. 9.  
 Gears, Method of and machine for producing. A. H. Candee. 2,104,184; Jan. 4.  
 Gears, Method of and mechanism for producing. E. Wildhaber. 2,107,460; Feb. 8.  
 Gears, Method of cutting. E. Wildhaber. 2,108,244; Feb. 15.  
 Gears, Producing. E. Wildhaber. 2,136,269; Nov. 8.  
 Gelatin, Dispersion of. G. S. Babcock. 2,126,305; Aug. 9.  
 Gelatin, Manufacture of. J. V. S. Glass and B. W. Hirsh. 2,132,822; Oct. 11.  
 Gem cutting machine. G. M. Johns. 2,137,405; Nov. 22.  
 Gem setting. J. C. Link. 2,117,736; May 17.  
 Gem setting tool. R. C. Bangs. 2,140,465; Dec. 13.  
 Generating unit, Wind operated electrical. A. L. Moon. 2,112,633; Mar. 29.  
 Generator. See—  
   Acetylene generator. Magneto generator.  
   Current electrical generator. Magnetron generator.  
   Draft gear. Oscillation generator.  
   Dry vapor generator. Ozone generator.  
   Electric generator. Periodic voltage generator.  
   Electric ignition generator. Radio frequency generator.  
   Electric wave generator. Serrated wave form generator.  
   Electrical impulse generator. Steam generator.  
   Electrical oscillation generator. Thermionic oscillation generator.  
   Electrical steam generator. Ultrahigh frequency generator.  
   Gas generator. Unipolar generator.  
   Heat and power generator. Vapor generator.  
   High voltage generator. Vaporizing generator.  
   Infrared generator. Wave form generator.  
   Welding generator.  
 Generator. J. M. Weydell. 2,119,477; May 31.  
 Generator and rectifier combination, Double-winding. F. Conrad. 2,117,019; May 10.  
 Generator circuit, Ultrashort wave oscillation. H. O. Peterson. 2,108,900; Feb. 22.  
 Generator for carburetors, Vapor. D. H. Cleem. 2,140,071; Dec. 13.  
 Generator for sound oscillations for measuring distance according to the echo principle. C. J. P. Schröder. 2,121,411; June 21.  
 Generator, Stabilization of oscillation. W. E. Koek. 2,139,898; Dec. 13.  
 Generator structure, Wind driven. W. G. Dunn. 2,140,152; Dec. 13.  
 Generator testing machine. P. W. Nippert. 2,126,312; Aug. 9.  
 Geological explorations, Making. E. V. McCollum. 2,118,441; May 24.  
 Geological instrument. F. J. Cordova. 2,141,173; Dec. 27.  
 Geometrical instrument. C. U. Tyrrell. 2,124,659; July 26.  
 Geometrical instrument. B. C. Vest. 2,118,747; May 24.  
 Geophysical measurements, Apparatus for making. R. F. Hasselmann. 2,117,003; May 10.  
 Geophysical method of determining geological structures. E. V. McCollum and L. F. Athy. 2,118,442; May 24.  
 Geophysical prospecting. G. Potapenko. 2,130,460; Dec. 6.  
 Geophysical prospecting by the comparison of steady state potentials. L. Statham and L. W. Blau. 2,104,440; Jan. 4.  
 Germicidal agent. K. T. Steik and J. F. Muller. 2,139,102; Dec. 6.  
 Germicidal detergent. H. O. Halvorson, M. Bayliss, and J. L. Wilson. 2,138,805; Nov. 29.  
 Germicidal detergent. H. O. Halvorson, J. L. Wilson, and E. J. Ordal. 2,138,806; Nov. 29.  
 Germicide. S. J. Currie. 2,118,460; May 24.  
 Germicides and making the same. P. Goedrich. 2,121,029; June 21.  
 Germicides, Polyhydroxy poly secondary alkyl phenol. A. L. Rawlins and H. C. Hamilton. 2,107,307; Feb. 8.  
 Getter. P. S. Lester. 2,117,735; May 17.  
 Getter for radio tubes. G. L. King. 2,116,244; May 3.  
 Getter for vacuum devices. D. S. Gustin. 2,116,432; May 3.  
 Getter for vacuum tubes. E. A. Lederer. 2,130,190; Sept. 13.  
 Gill drawing frame. W. Holdsworth. 2,116,201; May 3.  
 Gill opening adjusting means. E. E. Duff and A. L. Wood. 2,124,333; July 19.  
 Gin, Air. C. Martinez. 2,133,900; Oct. 18.  
 Gin pole for derricks. W. Schwemlein and S. B. Settle. 2,105,865; Jan. 18.  
 Gin system. J. A. Streun. 2,129,312; Sept. 6.  
 Girdle. M. Bienenfeld. 2,107,849; Feb. 8.  
 Girdle. S. Levy. 2,104,203; Jan. 4.  
 Girdle. M. Simon. 2,140,273; Dec. 13.  
 Girdle for twin-tired wheels. D. S. Kennedy. 2,130,277; Sept. 13.  
 Girdling tool. J. M. Cartwright. 2,138,726; Nov. 29.  
 Gland adjusting mechanism. S. G. Green. 2,121,030; June 21.  
 Gland, Wiper packing. T. E. Boyer. 2,126,366; Aug. 9.  
 Glare eliminator. D. Elliott. 2,125,996; Aug. 9.  
 Glare screen. R. J. and M. H. Kemp. 2,112,726; Mar. 29.  
 Glare shield bracket. R. C. Jacobs. 2,112,464; Mar. 29.  
 Glass and making same, Frosted. O. J. Stewart. 2,111,576; Mar. 22.  
 Glass and putty from sash, Removing. R. J. Demers. 2,113,016; Apr. 5.  
 Glass, Apparatus for and method of feeding molten. W. T. Honiss. 2,128,249; Aug. 30.  
 Glass, Apparatus for bending. D. H. Goodwillie. 2,131,873; Oct. 4.  
 Glass, Apparatus for case hardening. W. Owen. 2,134,797; Nov. 1.  
 Glass apparatus for chemical laboratories. W. Juffa. 2,133,705; Oct. 18.  
 Glass, Apparatus for feeding charges of molten. D. E. Sharp. 2,126,351; Aug. 9.  
 Glass, Apparatus for feeding molten. T. F. Pearson. 2,134,732; Nov. 1.  
 Glass, Apparatus for grinding and polishing strips of. F. B. Waldron and J. H. Griffin. 2,130,255; Sept. 13.  
 Glass, Apparatus for making. H. F. Hitner. 2,122,469; July 5.  
 Glass, Apparatus for making sheet. H. L. Halbach. 2,106,890; Feb. 1.  
 Glass, Apparatus for making sheet. W. G. Koupal and H. F. Hitner. 2,114,715; Apr. 19.  
 Glass, Apparatus for making sheet. A. D. Nash and W. Owen. 2,137,116; Nov. 15.  
 Glass, Apparatus for producing sheet. J. L. Drake. 2,140,281; Dec. 13.  
 Glass, Apparatus for producing sheet. W. T. Haight. 2,125,914; Aug. 9.  
 Glass, Apparatus for removing lengths from a moving-strip of. J. Gaskell. 2,111,393; Mar. 15.  
 Glass, Apparatus for tempering. J. L. Drake. 2,140,282; Dec. 13.  
 Glass, Apparatus for the manufacture of colored. P. Brossé. 2,115,408; Apr. 26.  
 Glass article shaping machine. A. F. Tremblay. 2,115,051; Apr. 26.  
 Glass articles, Apparatus for the fabrication of. F. L. O. Wadsworth. 2,124,091; July 19.  
 Glass articles, Forming hollow. W. P. Zimmerman and M. K. Holmes. 2,127,150; Aug. 16.  
 Glass articles, Manufacturing multipart. W. P. Zimmerman and M. K. Holmes. 2,105,171; Jan. 11.  
 Glass batch. F. C. Flint. 2,113,195; Apr. 5.  
 Glass batch. F. C. Flint. 2,116,627; May 10.  
 Glass batch materials and the like, Method of and apparatus for proportioning and blending. W. S. Rendall. 2,105,260; Jan. 11.  
 Glass batch, Sintering. G. Slayter. 2,114,545; Apr. 19.  
 Glass building block. J. H. Fox. 2,118,643; May 24.  
 Glass building block, Hollow. R. F. Haselton, Jr. 2,107,994; Feb. 8.  
 Glass cleaning implement, Window. L. Koukal. 2,104,161; Jan. 4.  
 Glass clearing device, Window. E. K. McNeal. 2,124,925; July 26.  
 Glass composition. W. Hiltner and H. Knecht. 2,135,663; Nov. 8.  
 Glass composition, Low expansion. H. P. Hood. 2,109,641; Mar. 1.  
 Glass construction, Contact. D. H. Row. 2,117,170; May 17.  
 Glass container. A. H. Nicholson. 2,141,013; Dec. 20.  
 Glass container. C. Wellhart. 2,111,499; Mar. 15.



- Glass, Continuous process for making sheets of multicellular. R. J. A. Ingouf. 2,118,707; May 24.
- Glass, Cover. S. L. Lebbby. 2,133,664; Oct. 18.
- Glass drawing apparatus. H. L. Halbach. 2,104,460; Jan. 4.
- Glass, Drawing sheet. G. Killan. 2,111,860; Mar. 22.
- Glass, Drawing sheet. J. B. Watt. 2,137,120; Nov. 15.
- Glass etching. G. R. McKay. 2,127,781; Aug. 23.
- Glass fabric. G. Slayter and J. H. Thomas. 2,133,238; Oct. 11.
- Glass fabric road. C. Ellis. 2,115,667; Apr. 26.
- Glass feeder. H. M. Black. 2,121,945; June 28.
- Glass feeder. J. Tipping. 2,137,734; Nov. 22.
- Glass feeder and method. B. D. Brown. 2,113,249; Apr. 5.
- Glass feeding apparatus. L. G. Bates. 2,106,545; Jan. 25.
- Glass feeding apparatus and method. W. A. Morton. 2,113,963; Apr. 12.
- Glass, Feeding molten. B. Engels. 2,121,143; June 21.
- Glass, Field. O. E. Trautmann. 2,124,157; July 19.
- Glass filter. W. O. Luertzing. 2,136,170; Nov. 8.
- Glass, Glazing. F. Geislar. 2,128,702; Aug. 30.
- Glass grinding apparatus. F. B. Waldron. 2,131,862; Oct. 4.
- Glass handling apparatus, Sheet. C. D. Burrell. 2,131,869; Oct. 4.
- Glass handling apparatus, Sheet. J. H. Moller. 2,106,573; Jan. 25.
- Glass, Laminated. W. Bauer and P. Welsert. 2,137,377; Nov. 22.
- Glass, Laminated. W. O. Herrmann. 2,135,075; Nov. 1.
- Glass, Laminated. E. W. Reid. 2,120,628; June 14.
- Glass letter sign, Luminous. B. Vandermeer. 2,114,550; Apr. 19.
- Glass, Light diffusing. H. Paul. 2,107,833; Feb. 8.
- Glass, Low expansion annealed. H. P. Hood. 2,106,526; Jan. 25.
- Glass machine and method, Fabricating. F. L. O. Wadsworth. 2,131,241; Sept. 27.
- Glass, Making safety. J. H. Sherts and B. J. Dennison. 2,106,766; Feb. 1.
- Glass, Making sheet. W. Owen. 2,137,117; Nov. 15.
- Glass, Manufacture of laminated. M. L. Macht. 2,113,764; Apr. 12.
- Glass, Manufacture of laminated. L. Paggi. 2,113,767; Apr. 12.
- Glass, Manufacture of multicellular. B. Long. 2,123,536; July 12.
- Glass, Manufacture of sheet. F. L. Bishop. 2,116,693; May 10.
- Glass, Manufacture of sheet. L. P. Forman and W. Pancoast. 2,121,958; June 28.
- Glass, Melting and refining. W. A. Morton. 2,123,544; July 12.
- Glass melting furnace. H. T. Brink. 2,133,654; Oct. 18.
- Glass melting furnace. R. W. Canfield. 2,106,547; Jan. 25.
- Glass melting furnace. J. E. McBurney. 2,114,744; Apr. 19.
- Glass melting furnace. W. A. Morton. 2,110,736; Mar. 8.
- Glass, Method and apparatus for feeding. W. L. McNamara. 2,125,079; July 26.
- Glass, Method and apparatus for feeding molten. F. L. O. Wadsworth. 2,104,215; Jan. 4.
- Glass, Method and apparatus for feeding molten. F. L. O. Wadsworth. 2,113,956; Apr. 12.
- Glass, Method and apparatus for feeding molten. F. L. O. Wadsworth. 2,141,425; Dec. 27.
- Glass, Method and apparatus for making. P. G. Willetts. 2,118,799; May 24.
- Glass, Method and apparatus for severing molten. F. L. O. Wadsworth. 2,108,518; Feb. 15.
- Glass, Method and apparatus for tempering. B. Long. 2,131,404; Sept. 27.
- Glass, Method of and apparatus for drawing. D. E. Gray. 2,133,662; Oct. 18.
- Glass, Method of and apparatus for working. L. D. Souber. 2,113,551; Apr. 5.
- Glass objects, Severing and reuniting. L. C. Stringer. 2,116,129; May 3.
- Glass press. H. W. Arnold and C. Badger. 2,116,921; May 10.
- Glass, Process and device for tempering. A. Quentin. 2,137,061; Nov. 15.
- Glass rod and tubing, Apparatus for severing. C. A. Brown and C. E. Hahn. 2,120,853; June 14.
- Glass, Safety. H. K. Nason. 2,126,028; Aug. 9.
- Glass sheet, method and apparatus for making same. H. A. Fisher. 2,108,811; Feb. 22.
- Glass sheets, Apparatus for bending. H. J. Galey. 2,111,392; Mar. 15.
- Glass sheets, Apparatus for bending. P. P. Marshall. 2,137,115; Nov. 15.
- Glass sheets, Apparatus for bending. W. Owen. 2,111,370; Mar. 15.
- Glass sheets, Apparatus for cutting curved. A. L. Harrington. 2,137,112; Nov. 15.
- Glass sheets, Apparatus for surfacing. H. S. Heichert and W. Owen. 2,122,466; July 5.
- Glass sheets, Apparatus for supporting. R. S. Hinsey. 2,115,106; Apr. 26.
- Glass sheets, Apparatus for use in treating. I. G. Fowler. 2,118,183; May 24.
- Glass sheets, Cutting. J. J. Hopfield. 2,125,922; Aug. 9.
- Glass sheets, Method of and apparatus for producing. L. Boudin and H. Poeymirou. 2,122,083; June 28.
- Glass, Structural. F. W. Preston. 2,126,574; Aug. 9.
- Glass, Structural. F. L. Wright. 2,124,809; July 26.
- Glass surfacing table, Plate. W. Owen. 2,134,798; Nov. 1.
- Glass tank furnace. H. J. Bivort. 2,131,215; Sept. 27.
- Glass, Tempering of. W. B. Clitherow. 2,122,088; June 28.
- Glass to glass forming machines, Apparatus for feeding molten. T. C. Moorshead. 2,111,293; Mar. 15.
- Glass to glass forming machines, Feeding. T. C. Moorshead. 2,106,899; Feb. 1.
- Glass to glass shaping machines, Feeding. T. C. Moorshead. 2,107,012; Feb. 1.
- Glass to metal seals, Forming. V. L. Ronci. 2,125,315-6; Aug. 2.
- Glass transfer and turn-over apparatus, Plate. H. S. Heichert. 2,104,422; Jan. 4.
- Glass, Treated borosilicate. H. P. Hood and M. E. Nordberg. 2,106,744; Feb. 1.
- Glass, Treating. H. H. Blau and K. K. Knaell. 2,119,947; June 7.
- Glass-tube cutter. W. Auckland. 2,125,864; Aug. 9.
- Glass tubing, Drawing. W. J. Woods. 2,141,456; Dec. 27.
- Glassware, Apparatus for forming. R. W. Canfield and T. Waugh. 2,106,546; Jan. 25.
- Glassware, Coated. A. H. Stewart. 2,119,608; June 7.
- Glassware forming apparatus. E. G. Bridges. 2,129,614; Sept. 6.
- Glassware forming machine. F. O'Neill. 2,111,296; Mar. 15.
- Glassware, Making hollow. T. H. Sloan. 2,106,193; Jan. 25.
- Glassware, Manufacture of molded. P. V. W. Gell. 2,115,765; May 3.
- Glassware, Manufacturing. C. W. Johnson. 2,125,789; Aug. 2.
- Glassware, Method and apparatus for annealing. W. O. Amsler. 2,120,947; June 14.
- Glassware, Method of and apparatus for annealing. D. G. Merrill. 2,133,783-4; Oct. 18.
- Glass wool and method and apparatus for making same. G. Slayter and J. H. Thomas. 2,133,236; Oct. 11.
- Glass wool, Method and apparatus for making. G. Slayter. 2,133,235; Oct. 11.
- Glass wool, Method and product for treating. H. M. Bone and R. C. Williams. 2,107,284; Feb. 8.
- Glassworking machine. H. N. Halversen. 2,125,017; July 26.
- Glassworking press. L. F. Goodrich. 2,133,767; Oct. 18.
- Glasses, Diffusing. H. H. Blau. 2,132,390; Oct. 11.
- Glasses, Ultraviolet transmitting. J. Enszt and M. Hüniger. 2,107,935; Feb. 8.
- Glauconite and method of altering, Altered. W. M. Bruce and R. Riley. 2,139,299; Dec. 6.
- Glazes, Producing lead. H. Harkort. 2,140,381; Dec. 13.
- Glazing bar. J. Williams. 2,114,791; Apr. 19.
- Glazing construction. S. K. Huston, Jr. Re. 20,645; Feb. 1.
- Glazing strip. E. Peremi and L. Toth. 2,119,685; June 7.
- Glazing unit, Double. R. L. Clause. 2,122,453; July 5.
- Glazing unit, Double. J. H. Fox. 2,125,372; Aug. 2.
- Glazing unit, Framed. G. W. Batchell. 2,130,831; Sept. 20.
- Glazing units, Process and apparatus for producing. C. D. Haven. 2,138,164; Nov. 29.
- Glider. E. E. Woller, D. C. Travis, and M. F. Bayer. 2,116,334; May 3.
- Glider frame structure. L. Vavrik. 2,123,345; July 12.
- Globe, Illuminated. E. A. Peterson. 2,115,372; Apr. 26.
- Glockenspiel attachment. P. A. Laffey. 2,140,429; Dec. 13.
- Glove. A. Charney. 2,136,413; Nov. 15.
- Glove. A. M. Eden. 2,118,463; May 24.
- Glove. B. Kennedy. 2,113,731; Apr. 12.
- Glove. G. J. Pearce. 2,119,177; May 31.
- Glove and making same from strip material. J. Bloom. 2,104,724; Jan. 11.
- Glove and making the same. V. H. Bodle. 2,126,723; Aug. 16.
- Glove and making the same, Rubber. M. E. Hansen. 2,120,406; June 14.
- Glove, Baseball. J. R. Denkert. 2,113,934; Apr. 12.
- Glove, Baseball. W. A. Kahmar. 2,136,882; Nov. 15.
- Glove, Boxing. R. E. Smith. 2,130,200; Sept. 13.
- Glove construction. G. W. Geissmann. 2,125,673; Aug. 2.
- Glove, Ornamental. J. T. Dowdall. 2,114,338; Apr. 19.
- Glove, Pneumatic boxing. J. Slizus and M. Kairis. 2,135,853; Nov. 8.
- Glove, Static resisting. S. S. and J. B. Hall. 2,117,417; May 17.
- Glove, Swimming. A. W. Piccardi. 2,139,601; Dec. 6.
- Gloves, Wear resisting means for. K. E. Jensen. 2,114,022; Apr. 12.
- Glow cathode. W. Espe. 2,125,105; July 26.
- Glow lamp. P. L. Spencer. 2,107,399; Feb. 8.
- Glow lamp, Reflecting. C. Birdseye. 2,135,480; Nov. 8.



- Glow plug. C. Rudquist. 2,140,943; Dec. 20.  
 Gluconates and making the same. Aromatic mercury. C. N. Andersen. 2,139,712; Dec. 13.  
 Glucoside of 3,3'-diamino-4,4'-dihydroxy arsenobenzene-sodium formaldehyde sulphoxalate and making it. F. L. Pyman, B. Garforth, and L. Anderson. 2,140,717; Dec. 20.  
 Glue, adhesive, and the like. O. R. Kreimeier and R. W. Maxwell. 2,116,867; May 10.  
 Glue and process of manufacture therefor. C. N. Cone. 2,135,745; Nov. 8.  
 Glycerine and fatty acids, Producing. W. H. Rees. 2,124,168; July 19.  
 Glycerol monolactate triacetate and making same. R. H. Lock. 2,107,202; Feb. 1.  
 Glycerol, Purification of. G. W. Brant. 2,120,227; June 14.  
 Glycol derivatives, Production of. H. M. Stanley, J. E. Youell, and G. Minkoff. 2,141,443; Dec. 27.  
 Glycols and esters thereof, Production of high molecular. A. Grün. 2,138,917; Dec. 6.  
 Glycols and their esters from fatty acids, Production of. A. Grün. 2,119,674; June 7.  
 Glycols from oxides of olefines, Preparation of. P. Ferrero, C. Vandendries, and F. Berbe. 2,108,936; Feb. 22.  
 Glycols, Production of. N. M. Mnookin. 2,130,891; Sept. 20.  
 Glycols, Production of new decylene. J. N. Wickert. 2,112,319; Mar. 29.  
 Glycyrrhizine, Preparing purified. S. H. Bertram. 2,104,968; Jan. 11.  
 Glyoxal-semiacetals. H. Fischer. 2,116,016; May 3.  
 Goblet. M. Heller. 2,120,862; June 14.  
 Go-cart for babies. O. B. Cramer and H. L. Blystone. 2,129,316; Sept. 6.  
 Goggle and eyeshade, Interconvertible. H. C. Richards. 2,132,346; Oct. 4.  
 Goggle set. W. L. Bigelow. 2,126,697; Aug. 16.  
 Goggles. J. W. Aspenleiter. 2,129,521; Sept. 6.  
 Goggles. W. Bausch. 2,112,644; Mar. 29.  
 Goggles. R. G. Dispenza. 2,130,270; Sept. 13.  
 Goggles. C. Fischer. 2,122,461; July 5.  
 Goggles. C. Fischer. 2,130,127; Sept. 13.  
 Goggles, Anti-glare. A. P. Bell. 2,120,727; June 14.  
 Goggles, Sun. H. L. Noffsinger. 2,114,658; Apr. 19.  
 Gold and other metals, Recovery process for. J. A. Miner. 2,126,798; Aug. 16.  
 Gold and silver alloys, Tempering. C. H. Coleman. 2,127,676; Aug. 23.  
 Gold, Apparatus for separating. F. W. Brintnall. 2,133,271; Oct. 18.  
 Gold leaf and product thereof, Making. F. Demel. 2,121,559; June 21.  
 Gold mining machinery. R. G. Neider. 2,106,157; Jan. 25.  
 Gold plating. J. E. Underwood. 2,133,996; Oct. 25.  
 Gold recovering machine. F. W. Dodge. 2,125,492; Aug. 2.  
 Gold, silver, and bismuth alicyclic mercapto-compounds. E. Mueller. 2,111,151; Mar. 15.  
 Gold wrought chain. E. S. Cornell, Jr. 2,110,201; Mar. 8.  
 Golf bag. A. M. Brodie. 2,105,853; Jan. 18.  
 Golf bag. T. S. Cart. 2,123,550; July 12.  
 Golf bag and accessory therefor. H. S. Calkins. 2,114,870; Apr. 19.  
 Golf bag carrier. C. C. Sinnott. 2,124,265; July 19.  
 Golf bag support. A. J. Woodcock. 2,119,695; June 7.  
 Golf ball. H. K. B. Davis. 2,106,704; Feb. 1.  
 Golf ball cover. J. A. Merrill. 2,120,567; June 14.  
 Golf ball teeing device. C. C. Beckett. 2,127,282; Aug. 16.  
 Golf club. G. E. Barnhart. 2,124,534; July 26.  
 Golf club. H. A. Douglas. 2,138,294; Nov. 29.  
 Golf club. F. C. Houser. 2,121,387; June 21.  
 Golf club. C. T. Jennings. 2,121,295; June 21.  
 Golf club. A. E. Lard. 2,130,395; Sept. 20.  
 Golf club. A. W. Nelson. 2,131,966; Oct. 4.  
 Golf club. J. Pirie. 2,132,219; Oct. 4.  
 Golf club. W. F. Reach. 2,129,068; Sept. 6.  
 Golf club and implement handle. E. J. Sweetland. 2,121,718; June 21.  
 Golf club cover. K. L. Burgett. 2,110,122; Mar. 8.  
 Golf club grip. E. E. Hall. 2,133,695; Oct. 18.  
 Golf club joint. A. A. Krcutier. 2,116,762; May 10.  
 Golf club, Practice. L. T. Stumpf. 2,135,618; Nov. 8.  
 Golf clubs, Attachment for. J. Berrittella. 2,116,655; May 10.  
 Golf clubs, Carrying. J. A. J. Venmore. 2,128,546; Aug. 30.  
 Golf game device. A. A. Heinzelmann. 2,118,084; May 24.  
 Golf practice device. A. Perrault. 2,111,250; Dec. 27.  
 Golf putter. T. A. Hamilton. 2,107,983; Feb. 8.  
 Golf tee. L. S. Barr. 2,121,113; June 21.  
 Golf tee. T. S. Davids. 2,119,044; May 31.  
 Golf tee. M. J. Morgan. 2,107,706; Feb. 8.  
 Golf tee. S. J. Karkoska. 2,128,019; Aug. 23.  
 Golf tee holder. J. J. Kasparek. 2,112,339; Mar. 29.  
 Goods, fabrics and other textiles, Manufacture of spun. O. W. Becker and H. Preudenberg. 2,120,851; June 14.  
 Goods, fabrics, and other textiles, Manufacture of spun. R. Runkel. 2,115,648; Apr. 26.  
 Goods, Manufacture of warp. P. Schönfeld. 2,130,655; Sept. 20.  
 Gooseneck bicycle lock. A. G. and F. L. Southwell. 2,139,984; Dec. 13.  
 Gopher trap. J. Tenbrook. 2,125,595; Aug. 2.  
 Governing means for injection pumps. G. J. Trapp. 2,125,210; July 26.  
 Governing mechanism for elastic fluid turbines. R. J. Caughey. 2,141,260; Dec. 27.  
 Governing mechanism for elastic fluid turbines. F. R. Ericson and E. D. Dickinson. 2,111,420; Mar. 15.  
 Governing mechanism for elastic fluid turbines. G. B. Warren. 2,113,416; Apr. 5.  
 Governing mechanism, Hydraulic. R. J. Caughey. 2,126,533; Aug. 9.  
 Governor. H. G. Adler. 2,125,011; July 26.  
 Governor. A. Kalin. 2,117,891; May 17.  
 Governor. G. B. Karelitz. 2,137,689; Nov. 22.  
 Governor. E. Knauss. 2,076,8; June 21.  
 Governor. J. C. McColly. 2,126,202; Aug. 9.  
 Governor. H. C. Reynolds and F. A. Jimerson. 2,114,813; Apr. 19.  
 Governor. J. J. Ring and B. R. Nichols. 2,106,684; Jan. 25.  
 Governor, Accelerator. E. M. Hinton. 2,104,649; Jan. 4.  
 Governor, Air. C. Wainwright. 2,116,456; May 3.  
 Governor, Camshaft. W. R. Isakson. 2,120,612; June 14.  
 Governor, Centrifugal. L. R. Martin. 2,139,763; Dec. 13.  
 Governor clutch. R. F. Peo. 2,107,341; Feb. 8.  
 Governor, Compressor. B. S. Aikman. 2,130,607; Sept. 20.  
 Governor, Engine. A. K. Antonsen. 2,108,464; Feb. 15.  
 Governor, Engine speed. T. V. Hemmingsen. 2,116,025; May 3.  
 Governor for fire-pump apparatus. B. D. Barton. 2,126,863; Aug. 16.  
 Governor for injection internal combustion engines, Speed. A. Schweizer. 2,132,445; Oct. 11.  
 Governor for internal combustion engines. W. E. Leibing. 2,139,832; Dec. 13.  
 Governor for internal combustion engines, Pneumatic. E. Holzbaur. 2,117,247; May 10.  
 Governor for internal combustion engines, Speed. J. C. State and R. A. Maisron. 2,134,156; Oct. 25.  
 Governor for steam driven compressors, Flywheel. W. Raymond. 2,137,589; Nov. 22.  
 Governor for tube cleaner motors. P. E. Good. 2,141,182; Dec. 27.  
 Governor, Gas pressure. F. O. P. F. and J. H. G. Horstmann. 2,116,724; May 10.  
 Governor, Hydraulic. G. Keinath. 2,118,248; May 24.  
 Governor, Hydraulic turbine. D. Thoma. 2,115,890; May 3.  
 Governor, Loom. N. A. Batchelder. 2,119,413; May 31.  
 Governor means. A. Ohnrich. 2,121,508; June 21.  
 Governor mechanism. F. G. Hobart. 2,134,758; Nov. 1.  
 Governor mechanism. W. E. Kemp. 2,127,321; Aug. 23.  
 Governor mechanism. W. E. Kemp. 2,140,529-30; Dec. 20.  
 Governor, Propeller. M. W. Rosner. 2,116,849; May 10.  
 Governor, Speed. J. A. Martin. 2,128,875; Aug. 30.  
 Governor speed adjustment, Motor. J. H. W. Begerow. 2,111,960; Mar. 22.  
 Governor, Windmill. A. J. Evans. 2,125,222; July 26.  
 Grabs, buckets, and the like, Apparatus for the operation of. P. J. M. T. Allard. 2,110,566; Mar. 8.  
 Grader and cleaner, Material. A. L. Johnson. 2,120,613; June 14.  
 Grader control mechanism. E. B. Maloon. 2,112,466; Mar. 29.  
 Grader, Egg. T. J. Arbron. 2,112,324; Mar. 29.  
 Grader, Road. E. C. Iverson. 2,128,881; Aug. 30.  
 Graders, Attachment for elevating. E. O. Johnson. 2,105,422; Jan. 11.  
 Grading machine. J. W. Johnston. 2,107,634; Feb. 8.  
 Grading machine. J. W. Johnston. 2,125,295; Aug. 2.  
 Grading machine. E. Morgan. 2,139,199; Dec. 6.  
 Grain and its subsequent conversion into bread or like product, Reduction of. S. M. Salomon and S. Busch. 2,131,671; Sept. 27.  
 Grain and/or fertilizer distributor for seed-sowing implements, Auxiliary. B. N. Rodda. 2,114,355; Apr. 19.  
 Grain cleaner. W. A. S. Beattie. 2,129,435; Dec. 6.  
 Grain dropping devices, Mechanism for actuating. J. N. Stout. 2,119,087; May 31.  
 Grain elevator mechanism. W. A. Hale. 2,134,365; Oct. 25.  
 Grain pulling apparatus. F. P. Kiewit. 2,132,987; Oct. 11.  
 Grain pulling equipment. W. J. Charalax. 2,120,801; June 21.  
 Grain sampler. H. K. Holman. 2,110,876; Mar. 15.  
 Grain scouring machine. J. A. McBrady. 2,106,325; Jan. 11.  
 Grain separating cylinders, Increasing the separating capacity of. H. H. Meyer. 2,119,997; June 7.  
 Grain separating drum. L. Johnson and M. A. Rieman. 2,105,181; Jan. 18.  
 Grain separator. H. L. Johnson. 2,135,243; Nov. 1.  
 Grain separator. C. S. Van Stickle. 2,129,152; Sept. 6.  
 Gramophone and the like sound reproduction device. R. Williamson. 2,116,056; May 3.  
 Gramophone, Automatic. S. P. Arvidson. Re. 20,819; Aug. 9.



- Granular product and preparing the same. F. H. Amon. 2,121,535; June 21.
- Graph for locating the optical center of a multifocal lens. S. Sterling. 2,133,589; Oct. 18.
- Graphing appliance. O. A. Schiernbeck. 2,126,927; Aug. 16.
- Graphophone or sound reproducing instrument. H. A. Yeider. 2,118,541; May 24.
- Grapple fork lock and head. W. H. Zehner. 2,135,930; Nov. 8.
- Grasp and latching mechanism, Door hand. J. Nemec. 2,113,626; Apr. 12.
- Grass eliminator, Crab. H. H. Worssam. 2,112,800; Mar. 29.
- Grass mowing appliance. H. R. Barnard. 2,126,441; Aug. 9.
- Grass plot foundation. E. L. Savage. 2,134,647; Oct. 25.
- Grasshopper trap. H. O. Eiane. 2,108,599; Feb. 15.
- Grate. I. C. Smith. 2,111,438; Mar. 15.
- Grate for coal, Disk roller classifying. H. Köhler. 2,124,856; July 26.
- Grate, Furnace. F. Helmick. 2,116,024; May 3.
- Grate, Furnace. L. Steinmüller. 2,108,394; Feb. 15.
- Grate or stoker bar. G. A. Kohout and A. Wadewitz. 2,114,147; Apr. 12.
- Grater. F. A. Henschell. 2,110,799; Mar. 8.
- Grater. J. A. Kohl. 2,131,377; Sept. 27.
- Grater, Cheese. A. Berarducci. 2,128,792; Aug. 30.
- Grater, Food. C. A. Sundstrand. 2,137,366; Nov. 22.
- Grating or abrading machine. T. L. Colburn. 2,110,589; Mar. 8.
- Grating traffic guide. E. L. Tarof. 2,118,331; May 24.
- Grave cover, Evergreen. H. J. Merkel. 2,113,922; Apr. 12.
- Gravel, and the like, Method and apparatus for separating. A. M. Lockett and H. H. Holloway. 2,106,532; Jan. 25.
- Gravel washer. A. G. Blanchard. 2,119,414; May 31.
- Graveling device for spraying of gravel in front of the wheels of an automobile. A. E. G. Berner. 2,126,865; Aug. 16.
- Graves, Device for terracing. E. C. McIntosh. 2,115,868; May 3.
- Gravimeter. H. M. Evjen. 2,117,471; May 17.
- Gravimeter. C. A. Heiland. 2,137,963; Nov. 22.
- Gravimeter. A. Hoyt. 2,131,737; Oct. 4.
- Gravimeter, Torsion. L. M. Mott-Smith. 2,130,648; Sept. 20.
- Gravitation measuring instrument. H. Haalck. 2,105,146; Jan. 11.
- Gravitational instrument. S. B. von Thyssen-Bornemisza. 2,108,421; Feb. 15.
- Gravitational instrument. S. B. von Thyssen-Bornemisza. 2,132,865; Oct. 11.
- Gravimeter, Gas. G. S. Binckley. 2,106,966; Feb. 1.
- Gravity feed control. A. von Wangenheim. 2,110,100; Mar. 1.
- Gravity measuring instrument. S. B. von Thyssen-Bornemisza. 2,141,628; Dec. 27.
- Gravity meter. S. A. Scherbatskoy. 2,136,219; Nov. 8.
- Gravity press. A. Pohle. 2,120,679; June 14.
- Grease. L. C. Brunstrum. 2,108,644; Feb. 15.
- Grease. L. C. Brunstrum and E. W. Adams. 2,108,643; Feb. 15.
- Grease. B. Gallsworthy and J. R. Scanlin. 2,114,836; Apr. 19.
- Grease and its production, Lubricating. D. A. Lister. Re. 20,709; Apr. 26.
- Grease and making the same. S. E. Jolly and W. M. McKee. 2,137,494; Nov. 22.
- Grease and making the same. J. McKee. 2,116,209; May 3.
- Grease composition. J. C. Zimmer and A. J. Morway. 2,111,907; Mar. 22.
- Grease dispensing apparatus. R. M. Bagley. 2,125,258; July 26.
- Grease dispensing apparatus. C. A. Green. 2,140,909; Dec. 20.
- Grease dispensing means. R. M. Bagley. 2,125,259; July 26.
- Grease gun, Portable. M. B. Linton. 2,121,972; June 28.
- Grease in garment fabrics, Producing a permanent. D. and S. Segelin. 2,110,006; Mar. 1.
- Grease interceptor. J. Hirschstein. 2,140,581; Dec. 20.
- Grease, Lubricating. F. A. Webster, Jr. 2,127,497; Aug. 22.
- Grease manufacture. G. Kaufman. 2,108,016; Feb. 8.
- Grease manufacture. G. Kaufman. 2,108,672; Feb. 15.
- Grease, oil, and the like, and can therefor, Method and apparatus for dispensing. E. E. Hulme. 2,105,039; Jan. 11.
- Grease retainer with clamped packing. W. A. Heinze. 2,116,240; May 3.
- Grease pump. O. A. Peterson. 2,134,622; Oct. 25.
- Grease, Stable line soap. G. A. Suit. 2,121,748; June 21.
- Grease testing machine. P. McJunkin. 2,104,163; Jan. 4.
- Greaseproof impregnated article and method of preparing. F. H. Lane. 2,114,393; Apr. 19.
- Greaser, Hog. F. A. Parkhouse. 2,110,510; Mar. 8.
- Greasing apparatus. E. Piquerez. 2,113,333; Apr. 5.
- Greasing rack. J. M. Paine. 2,135,765; Nov. 8.
- Greenhouse. J. H. Kane. 2,136,192; Nov. 8.
- Greenhouse and other portable buildings. F. P. Walker. 2,136,987; Nov. 15.
- Greenhouse construction. P. J. Foley, Jr. 2,122,005; June 28.
- Grenade and making the same. W. Gibbons. 2,109,479; Mar. 1.
- Grenade, Bomb or hand. R. Janefek. 2,133,541; Oct. 18.
- Grid. E. C. Hillman. 2,108,713; Feb. 15.
- Grid and making same, Bucky. A. P. Freeman. 2,122,135; June 28.
- Grid and making the same, X-ray. A. P. Freeman. 2,133,385; Oct. 18.
- Grid, Broiling. J. W. Cunningham. 2,112,521; Mar. 29.
- Grid casting machine. L. E. Poole and E. W. Beekman. 2,113,033; Apr. 5.
- Grid detector circuit. O. H. Schade. 2,118,111; May 24.
- Grid for carding machines. H. O. Hess. 2,118,200; May 24.
- Grid for cementing machines, Applicator. F. H. Paquin. 2,106,854; Feb. 1.
- Grid for refrigerators, Ice. J. B. Herdlein. 2,134,085; Oct. 25.
- Grid grill, Composite. H. Studer. 2,117,749; May 17.
- Grid or grating structure. C. I. Auten, R. D. Snodgrass, and W. F. Schulz. 2,114,773; Apr. 19.
- Grid pasting machine. H. H. Henry. 2,107,733; Feb. 8.
- Grid, Resistance. M. A. Du Bois. 2,128,222; Aug. 30.
- Grid resistors, Making. O. M. Otte. 2,107,187; Feb. 1.
- Grid retaining means for electrical appliances. H. A. Smith. 2,117,579; May 17.
- Grid tube, Suppressor. H. J. McCarthy. 2,126,492; Aug. 9.
- Grid used in machines for opening, cleaning, carding, and like treatment of textile fibers. P. Schwarze and R. Setzer. 2,127,049; Aug. 16.
- Griddle, Oil burning. G. D. Renne. 2,112,708; Mar. 29.
- Grill, Barbecue. H. G. Simmons. 2,120,683; June 14.
- Grill, Camp. S. K. Wolff. 2,104,534; Jan. 4.
- Grill for tortillas and the like. M. Santillan. 2,112,309; Mar. 29.
- Grille and making the same. J. A. Germonprez. 2,140,993; Dec. 20.
- Grille blade, Ornamented. H. Eyring. 2,123,003; July 5.
- Grille construction. J. Karmazin. 2,119,134; May 31.
- Grille for electric ranges, Removable oven vent. E. H. Lockwood. 2,106,848; Feb. 1.
- Grille structure for accordions. S. Franklin. 2,133,089; Oct. 11.
- Grilles, Producing metal. W. B. Pierce. 2,135,766; Nov. 8.
- Griinder. H. J. Criner. 2,107,105; Feb. 1.
- Griinder. F. J. Gammache. 2,126,879; Aug. 16.
- Griinder. S. F. Ossing. 2,141,664; Dec. 27.
- Griinder. S. F. Ossing and O. J. Feight. 2,141,662; Dec. 27.
- Griinder, Automatic line bearing. C. L. Ott and H. E. Balsiger. 2,105,841; Jan. 18.
- Griinder, Circular relief. C. E. Walling. 2,117,637; May 17.
- Griinder, Crankshaft. E. Fuglie and O. Oelkers. 2,130,003; Sept. 13.
- Griinder, Crankshaft. U. G. Willis. 2,129,253; Sept. 6.
- Griinder, Cylinder. R. C. Benner and R. L. Melton. 2,125,061; July 26.
- Griinder, Cylinder. J. M. Krohn and E. H. Simpson. 2,128,751; Aug. 30.
- Griinder, Drill. C. E. Adams. 2,109,308; Feb. 22.
- Griinder, Edge trimmer. E. Dunford. 2,134,751; Nov. 1.
- Griinder, Generator brush. C. G. Muller. 2,112,994; Apr. 5.
- Griinder, Lawn mower. K. H. Selin. 2,116,414; May 3.
- Griinder, Portable motor knife. J. R. Eadie. 2,109,107; Feb. 22.
- Griinder, Production tap. A. M. Drake and N. J. Crowley. 2,131,939; Oct. 4.
- Griinder, Radial. J. Lewis. 2,137,140; Nov. 15.
- Griinder, Rail. A. W. Mall. 2,106,034; Jan. 18.
- Griinder, Tool. A. O. Schaefer. 2,124,592; July 26.
- Griinder, Track. H. J. Perazzoli. 2,118,621; May 24.
- Griinder workstand. M. Hokanson. 2,136,616; Nov. 15.
- Griinding. J. V. Slade. Re. 20,941; Dec. 6.
- Griinding and lapping machine. H. W. Dunbar. 2,127,210; Aug. 16.
- Griinding and mixing apparatus and method. A. D. Kirkland. 2,114,110; Apr. 12.
- Griinding and polishing apparatus. W. R. Akans. 2,111,955; Mar. 22.
- Griinding apparatus. V. E. Anderson. 2,104,147; Jan. 4.
- Griinding apparatus, Crank shaft. A. J. Sievers, Jr. 2,138,258; Nov. 29.
- Griinding, Apparatus for. C. H. Schmalz. 2,127,071; Aug. 16.
- Griinding device. A. I. Dunn. 2,139,887; Dec. 13.
- Griinding device. W. Geveke. 2,114,106; Apr. 12.
- Griinding device. J. Hribar. 2,109,292; Feb. 22.
- Griinding device. S. Kiesskalt and W. Mejer. 2,117,965; May 17.
- Griinding device. A. W. Walker. 2,108,630; Feb. 15.
- Griinding device. W. A. Weed. 2,107,921; Feb. 8.
- Griinding disks, Dressing. A. Rickenmann and E. Kreis. 2,112,679; Mar. 29.
- Griinding equipment. H. J. Perazzoli. 2,137,305; Nov. 22.
- Griinding instrument for use in dental work. H. P. Coussement and F. Capette. 2,109,086; Feb. 22.
- Griinding machine. C. H. Amidon. 2,113,363; Apr. 5.



- Grinding machine. F. C. Atwood. 2,128,226; Aug. 20.
- Grinding machine. J. Y. Blazek and R. G. Anderson. 2,120,198; June 7.
- Grinding machine. A. G. Belden. 2,115,678; Apr. 26.
- Grinding machine. H. L. Blood. 2,127,856; Aug. 23.
- Grinding machine. C. E. Brown. 2,141,853; Dec. 27.
- Grinding machine. R. A. Cole. 2,137,644; Nov. 22.
- Grinding machine. R. H. Cramer. 2,109,524; Mar. 1.
- Grinding machine. H. W. Dunbar and H. S. Indge. 2,137,821; Nov. 22.
- Grinding machine. H. W. Dunbar and H. S. Indge. 2,142,020; Dec. 27.
- Grinding machine. V. W. Gideon. 2,114,343; Apr. 19.
- Grinding machine. F. S. Haas and W. Tribble. 2,141,065; Dec. 20.
- Grinding machine. E. A. Hall. 2,116,498; May 10.
- Grinding machine. C. Herfurth. 2,142,028; Dec. 27.
- Grinding machine. C. J. Hertlein. 2,118,304; May 24.
- Grinding machine. C. H. Kasch. 2,110,441; Mar. 8.
- Grinding machine. A. L. Krause. 2,131,107; Sept. 27.
- Grinding machine. G. F. Maglott. 2,127,877; Aug. 23.
- Grinding machine. E. S. Mummert. 2,132,640; Oct. 11.
- Grinding machine. F. Neugart. 2,130,021; Sept. 13.
- Grinding machine. E. H. Odum. 2,116,686; May 10.
- Grinding machine. W. Ogilvie. 2,117,979; May 17.
- Grinding machine. H. J. Perazzoli. 2,114,454; Apr. 19.
- Grinding machine. C. H. Richards. 2,119,290; May 31.
- Grinding machine. A. O. Schaefer. 2,124,593; July 26.
- Grinding machine. W. D. Schmidt. 2,119,296; May 31.
- Grinding machine. H. F. Smith. 2,131,151; Sept. 27.
- Grinding machine. A. R. Spicacek. 2,118,902; May 31.
- Grinding machine. H. Vanderbeek. 2,109,600; Mar. 1.
- Grinding machine. A. L. Warner. 2,105,872; Jan. 18.
- Grinding machine. W. A. Weed. 2,128,762; Aug. 30.
- Grinding machine. E. O. Wells. 2,124,093; July 19.
- Grinding machine. J. C. Wilson. 2,130,823; Sept. 20.
- Grinding machine, Automatic. H. A. Silven. 2,117,917; May 17.
- Grinding machine, Cylindrical. A. G. Belden. 2,132,924; Oct. 11.
- Grinding machine headstock. C. H. Amidon. 2,113,362; Apr. 5.
- Grinding machine, Improvements in connection with. A. Scrivener. 2,122,184; June 28.
- Grinding machine, Portable. A. W. Mall. 2,126,336; Aug. 9.
- Grinding machine, Track rail. W. Hobson and H. H. Woodrow. 2,132,470; Oct. 11.
- Grinding machine work clamping mechanism. H. A. Silven and C. G. Flygare. 2,113,388; Apr. 5.
- Grinding machine-work loading and driving mechanism. R. A. Cole. 2,121,730; June 21.
- Grinding machines, Attachment for. R. D. Streby. 2,133,232; Oct. 11.
- Grinding mechanism for carding machines, Flat. W. W. Meredith. 2,112,676; Mar. 29.
- Grinding mill. W. Köhler. 2,130,983; Sept. 20.
- Grinding or filing machine, Portable. H. J. Pattison and W. K. Barton. 2,104,436; Jan. 4.
- Grinding plate. D. S. Anthony. 2,119,768; June 7.
- Grinding tool. H. W. Kulp. 2,135,900; Nov. 8.
- Grinding tool. A. J. Sievers, Jr. 2,138,257; Nov. 29.
- Grinding tool, Valve seat. J. E. Gallivan. 2,133,612; Oct. 18.
- Grinding wheel. J. F. Fischer. 2,121,656; June 21.
- Grinding wheel. W. A. Kerr and R. A. Grubbe. 2,119,279; May 31.
- Grinding wheel. T. J. McIntyre. 2,126,403; Aug. 9.
- Grinding wheel mounting. H. W. H. Beth. 2,110,619; Mar. 8.
- Grinding wheels, Increasing the efficiency of resin bonded. J. R. Erickson. 2,142,049; Dec. 27.
- Grip and weapon, Combined handle. A. J. Schnase and H. S. Skinner. 2,121,989; June 28.
- Grip for golf clubs or the like. E. E. Hall. 2,133,696; Oct. 18.
- Grip for manila rope and the like. R. G. Ferris. 2,112,281; Mar. 29.
- Grip for sport clubs. T. S. Park. 2,115,119; Apr. 26.
- Grip, Golf club. A. Cunningham and R. E. Dyer. 2,141,519; Dec. 27.
- Gripper for tractor-driven plows. A. G. Johnson. 2,128,300; Aug. 30.
- Gripping fastener. M. J. Gross. 2,111,664; Mar. 22.
- Gripping implement. R. G. Hanneman. 2,116,928; May 10.
- Gripping means. V. J. Molr. 2,113,962; Apr. 12.
- Gripping mechanism. W. W. Criley. 2,121,119; June 21.
- Gripping tool. J. P. Lynch. 2,140,430; Dec. 13.
- Grizzly, Dumping. C. V. Hallenbeck. 2,107,532; Feb. 8.
- Grommet securing mechanism. J. Levin. 2,114,983; Apr. 19.
- Grooming device. S. J. Dunaway. 2,132,820; Oct. 11.
- Ground clamp. N. G. Hayes. 2,137,810; Nov. 22.
- Ground clamp. O. F. Tatham. 2,114,752; Apr. 19.
- Ground crust breaker, weeder, and mulcher, Combination. G. H. Self. 2,141,830; Dec. 27.
- Ground detecting apparatus. B. Mischevitch. 2,131,386; Sept. 27.
- Ground fitting. C. G. Bondeson. 2,116,776; May 10.
- Ground pulverizing machine. R. P. and T. B. Daugherty. 2,110,790; Mar. 8.
- Ground testing instrument. C. D. Stewart. 2,118,905; May 31.
- Ground testing meter. S. W. Borden. 2,122,548; July 5.
- Ground working implement. C. C. King. 2,135,580; Nov. 8.
- Grounding device. C. G. Bondeson. 2,116,474; May 3.
- Grounds, Apparatus for cleaning. J. E. Hubbard. 2,131,398; Sept. 27.
- Guanidine nitrate, Producing. H. M. Spurlin. 2,109,934; Mar. 1.
- Guanidino and biguanidino derivatives of cyclic ether compounds. B. Puetzer. 2,107,712; Feb. 8.
- Guard, Air vent. H. K. Maxam. 2,108,721; Feb. 15.
- Guard and cap, Fountain pen ink. S. M. Sager. 2,140,554; Dec. 20.
- Guard and clamp therefor, Splash. W. C. Jackson. 2,139,307; Dec. 6.
- Guard, Brake beam safety. R. B. Cottrell. 2,105,998; Jan. 18.
- Guard, Bumper. J. H. Gould. 2,108,119; Feb. 15.
- Guard, Bumper. R. A. Sandberg. 2,107,048; Feb. 1.
- Guard, Child's toilet seat. E. E. Merrett. 2,113,705; Apr. 12.
- Guard fixture, Highway. F. W. Kennedy. 2,123,051; July 5.
- Guard, Fly. T. H. Little. 2,110,465; Mar. 8.
- Guard, Foot. J. Grier and L. J. Hopkins. 2,123,417; July 12.
- Guard for aerial wires, Tree. W. B. Elmer. 2,132,258; Oct. 4.
- Guard for automobiles, Grille. B. L. Snyder. 2,117,519; May 17.
- Guard for chickens, Anticannibalism. T. Morelli. 2,125,389; Aug. 2.
- Guard for doorways. L. J. Gorar. 2,113,587; Apr. 12.
- Guard for doorways. L. J. Gorar. 2,128,139; Aug. 23.
- Guard for drawers. G. R. O'Neal. 2,140,879; Dec. 20.
- Guard for drinking glasses. C. S. Prince. 2,136,755; Nov. 15.
- Guard for electric mixing machines, Splash. B. M. Oswell. 2,134,261; Oct. 25.
- Guard for flush tanks, Water. F. M. Heath. 2,130,719; Sept. 20.
- Guard for fruit boxes, Edge. J. H. Woodall. 2,130,867; Sept. 20.
- Guard for glass coffee makers, Safety. G. A. Charlston. 2,135,102; Nov. 1.
- Guard for gloves, Antiwear. W. O. Wells. 2,111,345; Mar. 15.
- Guard for inhalers, Sanitary. A. I. Pobiers. 2,127,136; Aug. 16.
- Guard for journal boxes, Dust. D. S. Barrows. 2,114,662; Apr. 19.
- Guard for journal boxes on railroad trucks, Dust. H. C. Thelss. 2,108,874; Feb. 22.
- Guard for motorcycles and similar two-wheeled vehicles, Bracing. H. A. Devine and F. M. Molitor. 2,126,752; Aug. 16.
- Guard for mowers, Grass. L. R. Smith. 2,123,124; July 5.
- Guard for outboard motors, Propeller and rudder. A. C. Lundell. 2,136,628; Nov. 15.
- Guard for rakes. W. K. Flavin. 2,137,608; Nov. 22.
- Guard for rock drills. W. A. Smith, Sr. 2,105,777; Jan. 18.
- Guard for rotary cutters, Hand. E. W. Neale and A. H. Handley. 2,122,109; June 28.
- Guard for scraper devices. F. V. Pinter. 2,122,263; June 28.
- Guard for shingle edges. P. H. Mooshian. 2,131,814; Oct. 4.
- Guard for shoe of ironing machines. A. W. Molinare. 2,108,230; Feb. 15.
- Guard for spray guns. L. W. Cornellson. 2,119,043; May 31.
- Guard for vehicle wheel fenders, Splash. G. F. Bahr. 2,124,513; July 19.
- Guard for vehicle wheel fenders, Splash. A. A. Johnson. 2,141,140; Dec. 20.
- Guard for windows, Drip. A. Biely. 2,120,171; June 7.
- Guard, Hand. B. Moller. Re 20,858; Sept. 13.
- Guard, Handle lock. R. H. Curtis and F. P. Byrnes, Jr. 2,132,287; Oct. 4.
- Guard, Highway. J. O. Johnson. 2,135,400; Nov. 1.
- Guard, Hydrant. T. Ruggie. 2,118,233; May 24.
- Guard, Hypodermic needle. L. Black. 2,110,123; Mar. 8.
- Guard, Lamp. J. P. Knowles. 2,125,450; Aug. 2.
- Guard, Linotype spurt. W. J. Miller. 2,116,408; Sept. 13.
- Guard, Lipstick. C. Greenberger. 2,132,093; Oct. 11.
- Guard, Locked lamp. E. M. Rothman. 2,133,880; July 12.
- Guard, Lubricated, dust. H. H. Green. 2,137,343; June 28.
- Guard, Lubricated dust. H. H. Green. 2,124,108; Apr. 19.
- Guard, Moving stairway handrail. E. L. Dunn and W. H. Bruns. 2,113,173; Apr. 5.
- Guard or protective device for trees or hydrants. D. H. Young. 2,121,379; June 21.
- Guard or shield for vehicles. G. F. Calka. 2,141,069; Dec. 27.
- Guard, Outboard motor propeller. W. H. Wise. 2,110,999; Dec. 13.
- Guard, Photoelectric safety. C. P. Wood. 2,115,332; Apr. 26.



- Guard, Pick-out. A. A. and M. L. Rudolph. 2,130,102; Sept. 13.
- Guard, Plant. D. E. Jacobs. 2,132,568; Oct. 11.
- Guard, Pouring. W. A. and E. J. Turner. 2,127,277; Aug. 16.
- Guard, Power break retarding. R. E. Wilttrout. 2,111,714; Mar. 22.
- Guard, Propeller. J. R. Benson. 2,135,162; Nov. 1.
- Guardrail for athletic fields. L. F. Cecil. 2,116,426; May 3.
- Guardrail, Highway. L. S. Cain. 2,123,167; July 12.
- Guard, Removable door handle. E. Lewis. 2,140,239; Dec. 13.
- Guard, Saw. G. Guertin. 2,106,321; Jan. 25.
- Guard, Skate. A. C. Day. 2,119,075; May 31.
- Guard, Snap-on ornamental grille. G. A. Lyon. 2,131,059; Sept. 27.
- Guard, Splash. G. F. Bahr. 2,196,992; Feb. 1.
- Guard structure, Bumper. N. Y. Kristensen. 2,108,129; Feb. 15.
- Guard structure, Highway. W. M. Florence. 2,135,705; Nov. 8.
- Guard structure, Knock-down window. M. S. Gibson. 2,117,950; May 17.
- Guard, Swift. G. S. Tompkins. 2,130,253; Sept. 13.
- Guard, Switch handle. R. H. Schmitt. 2,141,936; Dec. 27.
- Guard, Thumb. H. S. Paul. 2,127,421; Aug. 16.
- Guard, Trouser. B. Hochberg. 2,114,532; Apr. 19.
- Guard, Weather. H. O. Hendriksen. 2,134,477; Oct. 25.
- Guard, Weather. J. R. Thorp. 2,108,322; Feb. 15.
- Guard, Wheel. R. De Palma. 2,110,929; Mar. 15.
- Guard, Window. J. Kaufman. 2,140,015; Dec. 13.
- Guards, Making mower. S. C. Powell. 2,127,048; Aug. 16.
- Guide and deflector for glass charges. J. W. Ross. 2,116,284; May 3.
- Guide and guard for wires, Combined. M. H. L. Jacobsen. 2,121,916; June 28.
- Guide and stop for refrigerators. C. H. Steenstrup. 2,129,539; Sept. 6.
- Guide, Autographic. J. A. Nichols and W. E. Flanagan. 2,133,753; Oct. 18.
- Guide, Bread slicer. M. C. Schultz. 2,104,278; Jan. 4.
- Guide control means for web material. P. E. Friedemann. 2,117,878; May 17.
- Guide device. S. Findlater. 2,104,117; Jan. 4.
- Guide device. S. Findlater. 2,141,130-1; Dec. 20.
- Guide disk. S. E. Diescher. 2,118,970; May 31.
- Guide eye, Automatic self-centering. J. J. Dunleavy. 2,130,121; Sept. 13.
- Guide, Fender. A. A. Johnson. 2,121,525; June 21.
- Guide, Fender. D. E. Reed. 2,133,871; Oct. 18.
- Guide for drilling machines, Tool. J. A. Elmes. 2,108,057; Feb. 15.
- Guide for plows, Trash. C. G. Strandlund. 2,124,128; July 19.
- Guide for printing presses, Side. W. Gegenheimer. 2,127,292; Aug. 16.
- Guide for strip mills, Edge. G. F. Paul. 2,111,054; Mar. 15.
- Guide for valves for flush tanks. L. F. Shesler. 2,139,862; Dec. 13.
- Guide for Venetian blinds, End. G. A. Grassby, Jr. 2,110,725; Mar. 8.
- Guide for woodworking machines, Work. T. L. Hedgpeth. 2,104,158; Jan. 4.
- Guide, Hacksaw. L. M. Corkum. 2,111,468; Mar. 15.
- Guide, Margin adjustment. A. A. Koch. 2,110,129; Mar. 8.
- Guide member for motion picture apparatus of the magazine type. O. Wittel. 2,132,715; Oct. 11.
- Guide, Painter's. D. G. Puderbaugh. 2,126,501; Aug. 9.
- Guide, Paper feed. O. T. Gylleck. 2,113,835; Apr. 12.
- Guide, Saw. R. S. Baker. 2,135,488; Nov. 8.
- Guide setting mechanism. R. W. Stewart. 2,118,743; May 24.
- Guide, Sheet. D. Buccione. 2,108,364; Feb. 15.
- Guide to enable the blind to write script, Line. H. G. Hill. 2,107,609; Feb. 8.
- Guide, Traffic. M. A. Mulieri. 2,129,503; Sept. 6.
- Guide, Typewriter ribbon. G. Whelan. 2,128,510; Aug. 30.
- Guide, Valve stem. F. B. Hewel. 2,128,414; Aug. 30.
- Guides, Making honed. F. S. Eplett. 2,125,434; Aug. 2.
- Guideway for carriages. F. A. Fritzsche. 2,111,096; Mar. 15.
- Guiding action for brass musical and other instruments. N. Einhorn. 2,111,967; Mar. 22.
- Guiding device for long draft aprons. J. L. Ruslow. 2,119,658; June 7.
- Guitar playing simplifier. H. E. Adamson. 2,132,281; Oct. 4.
- Gum base, Chewing. G. A. Hatherell. 2,125,562; Aug. 2.
- Gum base containing cyclic aromatic petroleum resins, Chewing. G. A. Hatherell. 2,123,531; July 12.
- Gum, Chewing. C. H. Flint. 2,138,804; Nov. 29.
- Gum, Chewing. R. L. Wilson. 2,137,746; Nov. 22.
- Gum formation in stored hydrocarbon motor fuels, Inhibiting. W. E. Lyons. 2,119,240; May 31.
- Gum massaging appliance. R. W. Byrer. 2,129,082; Sept. 6.
- Gum, Residual. F. W. Corkery. 2,135,423; Nov. 1.
- Gumming apparatus for envelope making machines. E. B. Berkowitz. 2,118,035; May 24.
- Gumming attachment for envelope folding machines of the plunger type, Rotary. O. G. Dreher and C. T. Arnold. 2,111,317; Mar. 15.
- Gun. W. H. Chambers. 2,139,648; Dec. 6.
- Gun. A. Dabrasky. 2,125,892; Aug. 9.
- Gun. L. B. Fraser. 2,122,415; July 5.
- Gun. E. F. Jacobson. 2,125,571; Aug. 2.
- Gun. J. Thomas. 2,114,821; Apr. 19.
- Gun. C. A. Young. 2,127,318; Aug. 16.
- Gun, Air. G. H. Bugenhagen. 2,125,600; Aug. 2.
- Gun, Air. C. F. Lefever. 2,132,173; Oct. 4.
- Gun and aerator, Fuel. W. I. Sallee. 2,114,319; Apr. 19.
- Gun and automatic small arms, Machine. P. R. Higson. 2,137,612; Nov. 22.
- Gun and drum magazine therefor, Machine. C. A. Larsson and P. R. Higson. 2,113,793; Apr. 12.
- Gun, Automatic. R. F. Hudson. 2,112,660; Mar. 29.
- Gun, Automatic. L. Stange. 2,113,202; Apr. 15.
- Gun, Automatic rapid fire. R. Laloux. 2,136,512; Nov. 15.
- Gun barrels, Cooling. R. C. Coupland. 2,112,144; Mar. 22.
- Gun barrels, Mechanism for and method of rifling. C. E. Simpson. 2,121,832; June 28.
- Gun, Blast. C. B. Fletcher. 2,107,084; Feb. 1.
- Gun breech. J. Hasek. 2,113,209; Apr. 5.
- Gun carriage. O. L. Beardsley. 2,108,792; Feb. 22.
- Gun carriage. A. P. Buquor. 2,129,315; Sept. 6.
- Gun-carriage. F. Hokek. 2,107,824; Feb. 8.
- Gun carriage. V. F. Lucht and E. C. Goebert. 2,116,526; May 10.
- Gun, Cattle. E. Loosli. 2,106,103; Jan. 18.
- Gun charger, Automatic. R. C. Blaylock and C. G. Trimbach. 2,116,860; May 10.
- Gun, Dispensing. J. M. Wallace. 2,129,801; Sept. 13.
- Gun filler, Grease. R. Gunning. 2,128,529; Aug. 30.
- Gun filler, Grease. A. Lee. 2,116,029; May 3.
- Gun filler, Grease. M. Schwabenlender. 2,131,860; Oct. 4.
- Gun, Fine beam electron. B. C. Gardner. 2,128,581; Aug. 30.
- Gun for discharging plastic compositions. W. E. Sherbondy. 2,115,591; Apr. 26.
- Gun for oil wells, Perforating. F. C. Kniss. 2,130,138; Sept. 13.
- Gun for spraying fabrics, Spray. S. Bramsen and F. Wahlin. 2,107,686; Feb. 8.
- Gun, Grease. W. L. Ostendorf. 2,124,077; July 19.
- Gun, Grease. N. V. Smith. 2,114,507; Apr. 19.
- Gun, Grease. C. W. Stoll. 2,114,509; Apr. 19.
- Gun inhibitors for gasoline. H. W. Elley and H. W. Walker. 2,107,147; Feb. 1.
- Gun, Light. A. J. Carter. 2,119,005; May 31.
- Gun loading device, Gas-operated. H. Lauf. 2,119,169; May 31.
- Gun, Machine. F. D. Hoppert, W. R. Bull and C. E. Simpson. 2,108,817; Feb. 22.
- Gun, Machine. R. Laloux. 2,115,861; May 3.
- Gun, Machine. R. Laloux. 2,141,537; Dec. 27.
- Gun, Machine. C. J. Michal, Jr. 2,139,691; Dec. 13.
- Gun, Machine. F. T. Moore. 2,110,165; Mar. 8.
- Gun, Machine. F. T. Moore. 2,140,809; Dec. 20.
- Gun, Making a spray. J. T. Peterson. 2,119,056; May 31.
- Gun mechanism. H. W. Hester. 2,124,066; July 19.
- Gun, Metalizing spray. H. R. Forton. 2,133,504; Oct. 18.
- Gun mount, Adjustable. B. M. Smiling. 2,111,008; Mar. 15.
- Gun mount, Aircraft. J. C. Sanders. 2,113,143; Apr. 5.
- Gun mount control, Flexible. C. G. Trimbach and C. R. Lemonier. 2,137,640; Nov. 22.
- Gun mount supported independently of enclosures therefor, Aircraft. J. C. Sanders. 2,136,825; Nov. 15.
- Guns, Portaging. W. Figge. 2,138,229; Nov. 29.
- Gun rib and sight, Adjustable. E. L. Hunt. 2,127,174; Aug. 16.
- Gun sight. E. L. Hunt. 2,127,173; Aug. 16.
- Gun sight. W. Vaver. 2,105,564; Jan. 18.
- Gun sight. W. Vaver. 2,115,184; Apr. 26.
- Gun, Spray. S. Bramsen and F. Wahlin. 2,107,726; Feb. 8.
- Gun, Spray. L. G. and P. C. Dapero. 2,122,559; July 5.
- Gun, Spray. O. Hukari. 2,118,194; May 24.
- Gun, Spray. A. F. Jenkins. 2,126,889; Aug. 16.
- Gun, Spray. A. Scullari and G. Loccisano. 2,127,189; Aug. 16.
- Gun, Spray. A. W. Smart. 2,112,546; Mar. 29.
- Gun, Swatter. J. E. Kahler. 2,129,217; Sept. 6.
- Gun, Swatter. J. E. Kahler. 2,140,875; Dec. 20.
- Gun, Tear gas. G. F. Wildes and C. C. Gasparin. 2,124,172; July 19.
- Gun with adjustable packing, Machine. F. T. Moore. 2,140,808; Dec. 20.
- Gun with pneumatic material control, Spray. E. Gustafsson and F. Wahlin. 2,107,732; Feb. 8.
- Gunner compartment. D. M. Helwig. Re. 20,771; June 21.
- Guns, Transporting. A. Krum. 2,125,186; July 26.
- Gut string, Process and apparatus for making. C. G. Bjorkman. 2,104,730; Jan. 11.



- Gutter, Sap collecting. W. W. Denton. 2,134,327; Oct. 25.
- Gypsum, Refining. D. N. Griffin. 2,122,569; July 5.
- Gyrocompass. W. G. Harding. 2,110,766; Mar. 8.
- Gyrocompass. W. L. Smith. 2,134,932; Nov. 1.
- Gyrocompass, Air-borne. L. F. Carter. 2,129,818; Sept. 13.
- Gyrocompass, Ball. L. F. Carter. 2,142,018; Dec. 27.
- Gyroplane. L. Breguet. 2,122,928; July 5.
- Gyroplane. E. B. Wilford. 2,106,783; Feb. 1.
- Gyroscope. J. Fieux. 2,124,817; July 26.
- Gyroscope. W. L. Smith. 2,133,489; Oct. 18.
- Gyroscopic fluid meter. E. F. Stover. 2,106,194; Jan. 25.
- Gyroscopic instrument. W. Möller. 2,129,586; Sept. 6.
- Gyro stabilizer. M. S. Gonzales. 2,104,226; Jan. 4.
- Gyrovertical. W. Anscott and L. F. Carter. 2,133,793; Oct. 18.
- Gyrovertical. L. F. Carter and W. Anscott. 2,133,809; Oct. 18.
- Hack and puller, Turpentine. W. A. Sessoms. 2,129,790; Sept. 13.
- Hacksaw. E. A. Blester. 2,116,137; May 3.
- Hacksaw. E. M. Jack. 2,137,742; Jan. 22.
- Hair, Apparatus for the waving of the. F. O. Couill. Re. 20,839; Aug. 30.
- Hair, Apparatus for waving. W. H. Bleuel. 2,125,421; Aug. 2.
- Hair clamp. W. H. Bleuel and S. Steek. 2,108,249; Feb. 15.
- Hair clamp and supporting bracket. G. Freudenberg, O. Seiter, and A. A. Boll. 2,141,385; Dec. 27.
- Hair clip. F. Beiter. 2,106,561; Jan. 25.
- Hair clipper. F. M. Jones. 2,133,145; Oct. 11.
- Hair clipper, Electric. N. Togami. 2,108,569; Feb. 15.
- Hair-clipping and shaving device. M. Salz. 2,109,507; Mar. 1.
- Hair clipping and shaving head. M. Andis. 2,141,895; Dec. 27.
- Hair clipping machine. W. Rabald. 2,125,748; Aug. 2.
- Hair curler. A. G. Bowyer. 2,135,612; Nov. 8.
- Hair curler and waver. M. I. Peddle. 2,105,371; Jan. 11.
- Hair, Curling. V. J. Gentile. 2,118,920; May 31.
- Hair curling apparatus. J. De Duke. 2,129,121; Sept. 6.
- Hair curling apparatus. P. Hitzgrath. 2,139,751; Dec. 13.
- Hair curling clamp. A. Mazzola. 2,115,229; Apr. 26.
- Hair curling clamp. A. Mazzola. 2,117,490; May 17.
- Hair curling device. S. Freeman. 2,110,550; Mar. 8.
- Hair curling device. A. Goodman. 2,105,729; Jan. 18.
- Hair curling device. J. R. Joganic. 2,119,861; June 7.
- Hair curling device. G. L. Smith. 2,140,858; Dec. 20.
- Hair cutting appliance, Safety. H. G. Baumgarten. 2,141,340; Dec. 27.
- Hair cutting device. F. M. Waite. 2,116,088; May 3.
- Hair cutting implement, Motor driven. B. R. Nyhagen. 2,124,985; July 26.
- Haircutting means. F. R. Marcel. 2,118,850; May 31.
- Hair dressing tool. O. C. Williams. 2,105,571; Jan. 18.
- Hair drier. L. A. Carter. 2,133,078; Oct. 11.
- Hair drying apparatus. H. Juengst. 2,129,471; Sept. 6.
- Hair dyeing equipment. A. Carawan. 2,110,041; Mar. 1.
- Hair dyeing method and composition. W. Kritchewsky. 2,116,521; May 10.
- Hair, Method of and apparatus for waving. G. W. Peterson. 2,123,378; July 12.
- Hair, Method of and composition for waving. J. C. Brown. 2,115,156; Apr. 26.
- Hair net. D. R. McCown. 2,106,056; Jan. 18.
- Hair net construction, Knitted. H. F. Goldsmith. 2,104,538; Jan. 4.
- Hair, Permanent waving of. I. B. Calvete. 2,126,170; Aug. 9.
- Hairpin. E. La Pour. 2,136,883; Nov. 15.
- Hairpin. J. B. Moharg. 2,122,106; June 28.
- Hairpin. E. L. Veitch. 2,106,417; Jan. 25.
- Hairpin dispenser. M. Frank and D. Willinger. 2,105,811; Jan. 18.
- Hairpin holder. W. H. Steger. 2,140,251; Dec. 13.
- Hairpin remover. W. Linden and B. Van Brun. 2,120,919; June 14.
- Hair, Process and apparatus for waving human. W. H. Bleuel and S. Steek. 2,125,622; Aug. 2.
- Hair slide. B. Polak. 2,111,328; Mar. 15.
- Hairstay cap. B. C. Glick. 2,128,358; Aug. 30.
- Hair straightening apparatus. L. Goldberg. 2,126,253; Aug. 9.
- Hair tensor. J. E. Edwards and W. H. Noble. 2,130,538; Sept. 20.
- Hair treating compound. E. O. Frederics and J. C. Brown. 2,126,375; Aug. 9.
- Hair treating device. C. Ligot. 2,100,355; Jan. 25.
- Hair treatment. J. Vagheclatos. 2,107,551; Feb. 8.
- Hair waver. F. A. Stubbs and J. C. Sabbath. 2,137,595; Nov. 22.
- Hair, Waving. M. Beck. 2,139,436; Dec. 6.
- Hair, Waving. G. Decker. 2,104,897; Jan. 11.
- Hair, Waving. R. L. Evans and E. G. McDonough. 2,111,558; Mar. 22.
- Hair waving. G. Freudenberg and A. E. Reimers. 2,108,903; Feb. 22.
- Hair waving apparatus. H. Bonat. 2,140,980; Dec. 20.
- Hair waving apparatus. H. W. Ferguson. 2,123,566; July 12.
- Hair waving apparatus. R. M. Keele. 2,115,076; Apr. 26.
- Hair waving apparatus. R. G. Leland. 2,134,485-6; Oct. 25.
- Hair waving apparatus. W. V. Rife. 2,133,573; Oct. 18.
- Hair waving apparatus. P. Santurello. 2,116,644; May 10.
- Hair waving apparatus. P. Santurello. 2,135,055; Nov. 1.
- Hair waving appliance. M. Gottlieb. 2,105,730; Jan. 18.
- Hair waving clamp. B. A. Sterling. 2,132,764; Oct. 11.
- Hair waving compound and process. E. O. Frederics and J. C. Brown. 2,115,161; Apr. 26.
- Hair waving device. P. Athens. 2,109,632; Mar. 1.
- Hair waving device. E. C. Chancey. 2,119,774; June 7.
- Hair waving device. D. F. La Fortune. 2,134,878; Nov. 1.
- Hair waving device. C. F. Harris and W. A. Tripp. 2,116,340; May 3.
- Hair waving device. W. S. Lewis. 2,108,719; Feb. 15.
- Hair waving device. F. M. Smyser. 2,110,476; Mar. 8.
- Hair waving device. M. Wideman. 2,134,592; Oct. 25.
- Hair waving device, Electrical discharge tube. S. C. Whitman. 2,137,189; Nov. 15.
- Hair-waving heater. G. Freudenberg. 2,134,869; Nov. 1.
- Hair waving machines, Attachment for. E. L. Frantz. 2,122,201; June 28.
- Hair waving or curling device. S. B. Bellaeff. 2,122,509; July 5.
- Hair waving pad. E. O. Frederics. 2,107,438; Feb. 8.
- Hair waving pad. W. L. Moody and S. J. Wagar. 2,140,243; Dec. 13.
- Hair waving wrapper pad. P. Constantine. 2,107,175; Feb. 1.
- Hair winder. N. L. Solomon. 2,107,349; Feb. 8.
- Halide detector. A. L. Henne. 2,136,741; Nov. 15.
- Halides, Hydrolyzing organic. A. W. Meyer. 2,138,609; Nov. 29.
- Halides, Purification of hydrogen. E. B. Peck. 2,137,095; Nov. 15.
- Halogen alkylamines, Manufacture of. W. Maier. 2,136,171; Nov. 8.
- Halogen-nitro-alcohols and preparing them, Aliphatic. O. Nicodemus and O. Wulff. 2,123,556; July 12.
- Halogen-2-butadienes-1,3 and preparing them, Aqueous dispersion of polymerized. B. Dales and F. B. Downing. 2,138,226; Nov. 29.
- Haloprene, Deodorizing polymerized. A. D. Macdonald. 2,107,796; Feb. 8.
- Halosubstitution of unsaturated organic compounds. H. P. A. Groll, G. Hearne, J. Burgin, and D. S. La France. 2,130,084; Sept. 13.
- Halter. W. H. Crandall. 2,114,178; Apr. 12.
- Halter, Adjustable rope. E. Hethcote. 2,105,285; Jan. 11.
- Hamburger dispenser. W. O. Willison and J. L. Nilson. 2,109,560; Mar. 1.
- Hamburger patty forming apparatus. M. O. Bessonette. 2,105,211; Jan. 11.
- Hammer. J. F. Hewitt and J. H. Hoerster. 2,113,084; Apr. 5.
- Hammer assembly. C. F. and H. D. Schutte. 2,133,212; Oct. 11.
- Hammer attachment. F. J. Scheurer. 2,110,057; Mar. 1.
- Hammer, Fluid actuated. E. G. Eppens. 2,105,074; Jan. 11.
- Hammer, Fluid pressure. H. A. Weyer. 2,119,975; June 7.
- Hammer for stamping with counter-lap. Power. L. Salves. 2,117,575; May 17.
- Hammer, Internal combustion percussive. C. L. Charles. 2,125,013; July 26.
- Hammer. Magnetic reciprocating. A. L. Goldhard. 2,117,880; May 17.
- Hammer, Mechanical. B. W. Snodgrass. 2,126,829; Aug. 16.
- Hammer mill. W. H. Preston. 2,122,658; July 5.
- Hammer, Pneumatic. O. Mueller. 2,132,962; Oct. 11.
- Hammer, Pneumatic. J. W. Osborn. 2,104,168; Jan. 4.
- Hammer, Power. A. F. Creslen. 2,123,563; July 12.
- Hammer, Power. G. L. Kollock. 2,110,957; Mar. 15.
- Hammer wrench, Portable. C. N. Douglass. 2,112,693; Mar. 29.
- Hammock. T. A. Tischler. 2,104,917; Jan. 11.
- Hamper, Clothes. H. Gletsman. 2,120,661; June 14.
- Hand and glove protector. S. N. Sager. 2,118,360; May 24.
- Handbag. A. Landis. 2,121,151; June 21.
- Handbag. A. Landis. 2,126,898; Aug. 16.
- Handbag. G. Lindenmann. 2,130,502; Sept. 20.
- Handbag. R. Lobel. 2,110,163; Mar. 8.
- Handbag. R. Lobel. 2,131,382; Sept. 27.
- Handbag. R. W. Leibold. 2,116,902; May 10.
- Handbag and purse combination. L. Knapp. 2,107,591; Feb. 1.
- Handbag cover, Reversible. N. and M. Stearns. 2,107,347; Feb. 8.
- Handbag frame. E. Poster. 2,104,098; Jan. 4.
- Handbag frame, Making. F. J. Quigan. 2,119,500; May 31.
- Handbag holder, Lady's. E. M. Rutschau. 2,124,483; July 19.



- Handbag, Lady's. H. Felmann. 2,123,411; July 12.  
 Handbag lock mounting. H. Horwitz and S. B. Megdall. 2,131,435; Sept. 27.  
 Handbag novelty. Child's. M. S. and I. Banner. 2,140,124; Dec. 13.  
 Handbag or case, Traveling. J. J. Murphy. 2,118,323; May 24.  
 Handbag or other article of luggage. F. N. Lewis. 2,116,869; May 10.  
 Handbag with removable cover, Lady's. J. E. Goldberg. 2,118,400; May 24.  
 Hand brake. P. B. Camp. 2,112,235; Mar. 29.  
 Hand brake. W. M. Dwyer. 2,139,007; Dec. 6.  
 Hand controlled valve. F. H. Stroup. 2,132,766; Oct. 11.  
 Hand drill. R. Herrmann-Möller. 2,114,668; Apr. 19.  
 Handgrip especially adapted for guns. C. W. Kress. 2,104,129; Jan. 4.  
 Handgrip, Insulating. A. B. McCall. 2,126,201; Aug. 9.  
 Handhold. H. G. Lewis. 2,130,283; Sept. 13.  
 Handkerchief holder. F. H. Scribner. 2,125,362; Aug. 2.  
 Handkerchief pocketbook ensemble. S. English. 2,121,561; June 21.  
 Hand loom. J. A. Le Page. 2,136,552; Nov. 15.  
 Hand lubricator, High pressure. J. C. Morrow. 2,128,494; Aug. 30.  
 Hand protector. D. M. Kessler. 2,139,897; Dec. 13.  
 Handrail for bathtubs. H. P. Smith. 2,122,626; July 5.  
 Handrail for moving stairway, Multipart. H. W. Shonard. 2,140,034; Dec. 13.  
 Hand rock drill. J. C. Wright. 2,131,997; Oct. 4.  
 Hand tool. J. W. Geddes. 2,112,192; Mar. 22.  
 Hand trap. A. Johnsen. 2,124,738; July 26.  
 Hand trap. C. C. Loomis. 2,122,984; July 5.  
 Hand weaving frame. C. A. Belash. 2,118,142; May 24.  
 Hand weaving frame. H. M. Zippel. 2,129,297; Sept. 6.  
 Handwheel. J. R. Graves. 2,108,331; Feb. 15.  
 Handwheel for grinders. G. J. Federighi. 2,106,319; Jan. 25.  
 Handwheel for valves. F. Yardley. 2,118,128; May 24.  
 Handwheel turning device. J. Sinko. 2,123,811; July 12.  
 Handkerchiefs, Apparatus for ironing. J. F. and M. F. Huebsch. 2,134,252; Oct. 25.  
 Hand lamp switch. C. F. Burgess. 2,134,857; Nov. 1.  
 Handle: See—  
     Adjustable handle. Jar cap handle.  
     Audible signaling handle. Luggage handle.  
     Coffee maker handle. Mattress and cushion handle.  
     Detachable handle. handle.  
     Dispensing faucet handle. Package handle.  
     Door handle. Suction handle.  
     Extensible handle. Tool handle.  
     Fishing rod handle. Umbrella handle.  
     Folding handle. Utensil handle.  
     Golf club and implement handle. Valve handle.  
 Handle. M. Bechik. 2,105,580; Jan. 18.  
 Handle. C. H. Hemming. 2,129,355; Sept. 6.  
 Handle. R. L. Huffman. 2,140,157; Dec. 13.  
 Handle. W. F. Leland. 2,129,095; Sept. 6.  
 Handle. E. C. Van Buskirk. 2,122,164; June 28.  
 Handle and blade, Saw. J. E. Davey. 2,137,800; Nov. 22.  
 Handle and frame for dresser set utensils and the like. W. Steinen. 2,139,564; Dec. 6.  
 Handle and lock, Door. G. N. Harden. 2,117,420; May 17.  
 Handle and lock mechanism, Automobile door. J. Summers. 2,121,414; June 21.  
 Handle and locking member for pasteboard containers and the like. M. E. Seifer. 2,109,034; Feb. 22.  
 Handle and making same, Confection. H. E. Davis. 2,131,727; Oct. 4.  
 Handle assembly, Door. J. H. Roethel. 2,104,403; Jan. 4.  
 Handle assembly for boxes and the like. A. L. Crowell. 2,123,771; July 12.  
 Handle attaching and shock-absorbing means, Tool. E. M. Hofelner. 2,133,095; Oct. 11.  
 Handle attaching device. R. Crisco. 2,129,263; Sept. 6.  
 Handle attachment for paper boxes. D. H. Shapiro. 2,132,246; Oct. 4.  
 Handle bar. B. J. Anderson. 2,114,733; Apr. 19.  
 Handle bar. B. J. Anderson. 2,135,692; Nov. 8.  
 Handle bar. C. J. Barry. 2,133,010; Oct. 11.  
 Handle bar secondary control device. R. Erickson. 2,110,989; Mar. 15.  
 Handle construction, Adjustable door. C. C. Gravesen. 2,140,203; Dec. 13.  
 Handle, Construction of. N. R. Stiles. 2,123,813; July 12.  
 Handle construction, Suction cleaner. E. F. Martinet. 2,131,842; Oct. 4.  
 Handle fastening device on tools, Releasable. M. Plönn. 2,113,901; Apr. 12.  
 Handle fastening means. O. J. Urbanek. 2,122,901; July 5.  
 Handle for automobiles, Disappearing door. E. Jones and J. C. Fineout. 2,121,758; June 21.  
 Handle for automobile hoods, Locking. L. K. Franklin. 2,105,912; Jan. 18.  
 Handle for bus air doors, Safety door. H. Schlesinger. 2,137,065; Nov. 15.  
 Handle for car windows, Control. W. A. Berg. 2,108,551; Feb. 15.  
 Handle for cooking utensils. W. B. Moore and R. S. Cobb. 2,133,252; Oct. 11.  
 Handle for drawers. P. Zalkind. 2,135,021; Nov. 1.  
 Handle for dresser set utensils. W. Steinen. 2,136,645; Nov. 15.  
 Handle for glassware. W. von Nessen. 2,114,260; Apr. 12.  
 Handle for heating appliances. E. S. Preston. 2,120,221; June 7.  
 Handle for implements, utensils, and the like. S. A. Platt. 2,105,161; Jan. 11.  
 Handle for inflated balls and the like. M. C. Hatton. 2,115,926; May 3.  
 Handle for luggage. F. D. Stelljes. 2,105,559; Jan. 18.  
 Handle for mattresses and the like and making the same. M. Bechik. 2,131,212; Sept. 27.  
 Handle for mattresses, cushions, and the like. M. Bechik. 2,131,211; Sept. 27.  
 Handle for paper drinking cups, Detachable. A. Machotka. 2,128,466; Aug. 30.  
 Handle for reels. E. H. Broden. 2,132,559; Oct. 11.  
 Handle for tooth brushes. I. Pensky. 2,114,149; Apr. 12.  
 Handle for various articles. R. C. Bangs. 2,138,993; Dec. 6.  
 Handle reinforcement for boxes. L. E. Swope. 2,128,509; Aug. 30.  
 Handle rose plate construction, Door. G. E. Dey. 2,141,265; Dec. 27.  
 Handle securing device, Valve. C. F. Hause. 2,134,874; Nov. 1.  
 Handle securing structure. M. B. Andrie. 2,134,096; Oct. 25.  
 Handled beer can. W. M. Sullivan and J. H. Shannon. 2,118,061; May 24.  
 Handles, Forming wire. F. C. Bertram. 2,122,082; June 28.  
 Handling equipment, Liquid caustic. L. S. Rosener. 2,127,962; Aug. 23.  
 Handling implement for plate glass and the like. G. W. Burk. 2,127,154; Aug. 16.  
 Hanger. R. B. Respass. 2,126,413; Aug. 9.  
 Hanger: See—  
     Beam hanger. Picture hanger.  
     Belt hanger. Pipe hanger.  
     Bowl hanger. Polish rod hanger.  
     Bracket gutter hanger. Pump rod hanger.  
     Coat and garment hanger. Shade and curtain hanger.  
     Coat hanger. Shoe hanger.  
     Clothes hanger. Skirt hanger.  
     Cross arm mounting hanger. Stick hanger.  
     Drapery hanger. Suit hanger.  
     Eaves trough hanger. Suspension gutter hanger.  
     Garment hanger. Trouser hanger.  
     Hat hanger. Wearing shoe and brake hanger.  
     Liner hanger.  
 Hanger. W. W. Barcy. 2,120,828; June 14.  
 Hanger. F. H. Findon, Jr. 2,120,891; June 14.  
 Hanger. O. P. Flesherman. 2,115,625; Apr. 26.  
 Hanger. A. D. Forbes. 2,114,876; Apr. 19.  
 Hanger. O. McGovern. 2,130,307; Sept. 13.  
 Hanger and brushing rack, Clothes. R. L. Morgan. 2,116,156; May 3.  
 Hanger and folder, Garment. G. Richter. 2,109,141; Feb. 22.  
 Hanger and operating mechanism, Baggage car door. E. A. Zetmeir. 2,132,817; Oct. 11.  
 Hanger device, Garment. W. Birl and J. C. Clairon. 2,113,394; Apr. 5.  
 Hanger device, Garment. J. C. Clairon. 2,137,268; Nov. 22.  
 Hanger for drying clothes, Adjustable telescoping. H. J. Fallot. 2,120,436; June 14.  
 Hanger for garments, ties, and the like. J. Grimberg. 2,114,560; Apr. 19.  
 Hanger for plates and other articles. W. J. Grandman. 2,128,703; Aug. 30.  
 Hanger for radiators, Wall. J. W. Moore. 2,111,918; Mar. 22.  
 Hanger for trousers and the like. T. F. Dillon. 2,118,342; May 24.  
 Hangers for concrete slab structures, Form. G. B. Bosco. 2,122,276; June 28.  
 Hangers, Manufacture of coat. W. Backer. Re. 20,814; Aug. 2.  
 Hard alloy. C. W. Balke, F. L. Hunter, and R. A. Haskell. 2,122,403; July 5.  
 Hard alloy. K. S. Seljesaeter. 2,108,618; Feb. 15.  
 Hard substance alloy. P. Marth. 2,116,400; May 3.  
 Hard substances, Apparatus for cutting. A. L. Ball. 2,123,705; July 12.  
 Hardness, Apparatus for testing. W. I. Ballentine. 2,109,521; Mar. 1.  
 Hardness tester, Continuous. J. Gogan. 2,122,203; June 28.  
 Hardness testing in water softeners. E. Pick. 2,122,824; July 5.  
 Hardness testing instrument. H. W. Dietert. 2,130,269; Sept. 13.  
 Hardness testing machine. J. Gogan. 2,107,113-14; Feb. 1.  
 Hardware, Casket. R. Larson. 2,133,547; Oct. 18.  
 Hardware for sashes and the like, Adjusting. S. Madsen. 2,140,842; Dec. 20.



- Hardware, Venetian blind. A. F. Waltzinger. 2,130,403; Sept. 20.
- Harmonic producer. L. R. Wrathall. 2,117,752; May 17.
- Harmonica. W. R. Steele. 2,137,251; Nov. 22.
- Harmonica, Hand. V. Skudies. 2,133,749; Nov. 29.
- Harmonica holder. H. Sherman. 2,130,707; Sept. 20.
- Harmonica tester. C. Trevor. 2,110,747; Mar. 8.
- Harness, Crupper. J. K. Ottley. 2,128,498; Aug. 30.
- Harness for a child, Safety. J. I. Blackshaw. 2,132,556; Oct. 11.
- Harness motion for looms. C. F. Schlegel. 2,114,543; Apr. 19.
- Harness, Parachute. S. H. Knight. 2,141,041; Dec. 20.
- Harness, Parachute. F. McCarroll. 2,114,310; Apr. 19.
- Harp, Chromatic. W. V. A. Franklin. 2,137,160; Nov. 15.
- Harrow. L. U. Burkes. 2,110,984; Mar. 15.
- Harrow. P. L. Donovan. 2,129,827; Sept. 13.
- Harrow. W. O. Long. 2,133,897; Oct. 18.
- Harrow, Disk. M. M. Brodersen. 2,126,446; Aug. 9.
- Harrow or drag lift. H. Richardson. 2,135,241; Nov. 1.
- Harrow, Side. J. H. Hudson. 2,134,611; Oct. 25.
- Harvester. J. P. McLarry. 2,134,792; Nov. 1.
- Harvester. L. P. Millard. 2,112,922; Apr. 5.
- Harvester and thresher. V. Schowengerdt. 2,109,436; Feb. 22.
- Harvester, Corn. D. and D. Currie. 2,121,859; June 28.
- Harvester, Corn. W. T. Knudson. 2,139,962; Dec. 13.
- Harvester, Corn. H. J. Kuhlman. 2,139,165; Dec. 6.
- Harvester, Cotton. B. R. Benjamin. Re. 20,633; Jan. 25.
- Harvester, Ensilage. E. T. Johnson. 2,111,323; Mar. 15.
- Harvester, Ensilage. W. B. Thieman. 2,139,868; Dec. 13.
- Harvester, Ensilage. P. H. Westerlund. 2,126,072; Aug. 9.
- Harvester, Grain. J. Petruchkin. 2,110,471; Mar. 8.
- Harvester, Onion. A. D. Munsterman. 2,124,309; July 19.
- Harvester reel. A. D. Edgington. 2,115,385; Apr. 26.
- Harvester-thresher. W. G. Charley. 2,123,879; July 19.
- Harvester-thresher. L. P. Millard. 2,135,621; Nov. 8.
- Harvester thresher. J. S. Troyer. 2,113,999; Apr. 12.
- Harvester-thresher unit. J. O. Sheets. 2,122,673; July 5.
- Harvesting apparatus, Handling. T. F. Allen. 2,136,068; Nov. 8.
- Harvesting device. H. D. Stone. 2,130,976; Sept. 20.
- Harvesting machine. H. D. Hume and J. E. Love. 2,138,238; Nov. 29.
- Harvesting machine. A. R. Thompson. 2,114,580; Apr. 19.
- Hasp excluder. W. T. Jados. 2,118,435; May 24.
- Hasp fastener for trunks, boxes, and the like. H. F. Baerfuss. 2,114,098; Apr. 12.
- Hat. J. Cavanagh. 2,134,274; Oct. 25.
- Hat. H. Dolan. 2,122,561; July 5.
- Hat. J. B. Hawley. 2,111,212; Mar. 15.
- Hat. R. Lipton. 2,106,571; Jan. 25.
- Hat. E. F. Mann. 2,138,642; Nov. 29.
- Hat. M. Miller. 2,105,002; Jan. 11.
- Hat. E. C. Sloan and G. A. Sporre. 2,112,383; Mar. 29.
- Hat. E. C. Sloan and G. A. Sporre. 2,136,473; Nov. 15.
- Hat. N. V. Tibbals. 2,105,622; Jan. 18.
- Hat. G. M. Trumbull. 2,129,798; Sept. 13.
- Hat, Adjustable sun. A. J. Subira. 2,116,736; May 10.
- Hat and fan, Combined beach. N. P. and A. Ristell. 2,136,925; Nov. 15.
- Hat and handbag, Combined. E. F. Alexander. 2,122,171; June 28.
- Hat and preparing the same. H. G. Macintosh. 2,120,105; June 7.
- Hat bag. J. Callahan. 2,122,714; July 5.
- Hat block clamp. M. H. Appel. 2,118,392; May 24.
- Hat body blocking and stretching machine. I. Reiser. 2,131,300; Sept. 27.
- Hat box, Transparent. L. D. Hokerk. 2,141,839; Dec. 27.
- Hat cleaning tool. L. C. Smith. 2,106,069; Jan. 18.
- Hat fastener. R. Lipton. 2,121,973; June 28.
- Hat hanger. F. Kulkawy. 2,108,678; Feb. 15.
- Hat holder. A. J. Powers and J. E. Van Pelt. 2,111,371; Mar. 15.
- Hat ironing machine. P. Schultz. 2,119,362; May 31.
- Hat leather fitting machine. N. G. Tucker. 2,118,278; May 24.
- Hat retainer. A. Rittener. 2,124,471; July 19.
- Hat securing device. J. Lochner. 2,113,992; Apr. 12.
- Hat stand. C. M. Fackler. 2,107,178; Feb. 1.
- Hat stay or support and combination thereof with a hat box. J. G. Huye. 2,115,633; Apr. 26.
- Hat structure. C. R. Borkland. 2,138,225; Nov. 29.
- Hat treating apparatus. H. Gorrins. 2,113,726; Apr. 12.
- Hats, Making. E. C. Sloan and G. A. Sporre. 2,112,384; Mar. 29.
- Hatch closure. E. H. Mattingley. 2,111,481; Dec. 27.
- Hatch fastener. G. A. Henrickson. 2,121,386; June 21.
- Hatch frame construction for car tools. D. W. Hawley. 2,111,471; Dec. 27.
- Hawk and owl trap. C. H. Olds. 2,114,175; Apr. 19.
- Hay handling apparatus. J. T. Martin. 2,109,907; Mar. 1.
- Hay loading device. D. O. Warner. 2,117,110; May 10.
- Headband, Adjustable. F. M. Bowers. 2,111,516; Mar. 22.
- Head covering. E. Whitteoff. 2,111,257; Mar. 15.
- Head for chimneys and air-shafts. A. Bühner. 2,114,164; Apr. 12.
- Head for collapsible tubes and the like, Dispensing. C. S. Mann. 2,127,040; Aug. 16.
- Head for heat exchangers, Floating. W. A. Stover. 2,125,132; July 26.
- Headgear. J. B. Dym. 2,115,065; Apr. 26.
- Headgear, Knitted and reinforced. S. Rosenberg. 2,125,739; Aug. 2.
- Headgear, Miner's. H. C. Cowden. 2,131,617; Sept. 27.
- Headgear, Protective. J. B. Dym. 2,123,275; July 12.
- Headgear, Protective. J. B. Dym. 2,136,678; Nov. 15.
- Headgear, Safety. R. Dickhoff. 2,105,028; Jan. 11.
- Headgear, Welder's. B. Yettner. 2,122,923; July 5.
- Headlight. P. J. F. Gallagher. 2,139,186; Dec. 6.
- Headlamp. C. A. Michel, H. C. Mead, and R. Winkelmeier. 2,137,092; Nov. 15.
- Headlamp construction. W. H. Peters. 2,104,437; Jan. 4.
- Headlamp construction. R. Winkelmeier and H. C. Mead. 2,111,653; Mar. 22.
- Headlight. C. A. Clary. 2,106,995; Feb. 1.
- Headlight. A. M. Diez. 2,136,285; Nov. 8.
- Headlight. J. Maly. 2,117,099; May 10.
- Headlight and direction indicator for vehicles, and controlling device for same, Combined. E. R. Lochman. 2,119,549; June 7.
- Headlight attachment. T. Query. 2,107,801; Feb. 8.
- Headlight bulb mounting. H. C. Doane, F. H. Prescott, and C. A. Michel. 2,110,130; Mar. 8.
- Headlight control means for motor vehicles. M. W. Sheaffer. 2,105,866; Jan. 18.
- Headlight, Dirigible locomotive. J. S. Wing. 2,128,765; Aug. 30.
- Headlight for automobiles. R. C. Jimenez. 2,107,443; Feb. 8.
- Headlight for automobiles. H. J. Klein. 2,109,748; Mar. 1.
- Headlight for vehicles. F. S. Caldwell. 2,119,734; June 7.
- Headlight for vehicles. F. P. Morea. 2,119,597; June 7.
- Headlight structure. A. M. Diez. 2,136,286; Nov. 8.
- Headlight structure. H. C. Snow. 2,119,892; June 7.
- Headlight system. J. W. Van Denburg. 2,139,707; Dec. 13.
- Headlight tester. A. R. Squyer. 2,128,543; Aug. 30.
- Headlight testing device. S. F. Arbuckle. 2,111,580; Mar. 22.
- Headlight turning device, Automobile. A. A. Knossalla. 2,138,303; Nov. 29.
- Headlighting assembly, Nonglare. J. C. Ford. 2,122,413; July 5.
- Headlights, Attachment for. P. E. S. Reichard. 2,120,188; June 7.
- Headrest, Adjustable. E. L. Duncan. 2,120,310; June 14.
- Headrest attachment for bath tubs. S. Rotolo. 2,123,316; July 12.
- Head retainer for shipping and storage vessels. C. H. Rollason. 2,111,372; Mar. 15.
- Headstock for a general utility machine tool. E. R. Lochman. 2,127,745; Aug. 23.
- Headstock for machine tools, Motor driven. A. W. Wigglesworth. 2,112,126; Mar. 22.
- Headstock for machine tools, Motor driven. A. W. Wigglesworth. 2,139,397; Dec. 6.
- Headwear. J. R. Hibshman. 2,109,248; Feb. 22.
- Headwear. E. Witteoff. 2,127,797; Aug. 24.
- Header and making the same. W. J. Gazey. 2,105,241; Jan. 11.
- Header box facing tool. T. E. Schley, J. R. Chenail and E. R. Kehrler. 2,115,430; Apr. 26.
- Header construction for rolls. R. R. Clements. 2,123,401; July 12.
- Heading method. A. J. Alberts. 2,124,022; July 19.
- Heading support. E. Strube. 2,115,593; Apr. 26.
- Heads to barrels, Device for securing. H. L. Newton. 2,121,881; June 28.
- Health apparatus. R. Cole. 2,129,262; Sept. 6.
- Hearing aid. H. Lieber. 2,122,429; July 5.
- Hearing aid. H. A. Pearson and E. C. Nicholides. 2,105,296; Jan. 11.
- Hearing aid apparatus. W. D. Penn. 2,123,119; July 5.
- Hearing aid apparatus. W. D. Penn. 2,140,969; Dec. 20.
- Hearing aid apparatus and method. W. D. Penn. 2,110,817; Mar. 8.
- Hearing device, Bone conduction. T. H. Goodrich. Re. 20,896; Oct. 23.
- Hearing device, Bone conduction. T. H. Goodrich. 2,127,448; Aug. 16.
- Hearse, Side and rear delivery. E. Richter and E. L. Schofield. 2,141,092; Dec. 20.
- Heat and power generator. E. J. M. 2,111,821; May 3.
- Heat absorption, Control of. C. W. Gordon. 2,109,810; Mar. 1.
- Heat alarm system. P. F. Koss. 2,112,226; Apr. 9.
- Heat, Apparatus for transferring. J. G. Jan. 2,117,061; May 17.
- Heat, Apparatus for transferring. V. Bush. 2,127,286; Aug. 16.
- Heat applying apparatus. J. W. Hadden. 2,111,919; Aug. 9.
- Heat conserving and humblyther. F. M. Hill. 2,101,804; Jan. 11.



- Heat conserver for ranges. M. A. Crossman. 2,136,100; Nov. 8.
- Heat consumption meter. D. M. Stephens. 2,109,757; Mar. 1.
- Heat control apparatus, Oil burner. G. C. Carpenter. 2,120,817; Sept. 13.
- Heat control for oil burners. G. C. Carpenter. 2,113,079; Apr. 5.
- Heat control mechanism. W. L. McNamara. 2,105,198; Jan. 11.
- Heat diffuser or baffle device. J. W. Barker. 2,136,666; Nov. 15.
- Heat distribution for buildings. C. B. Simoneau. 2,139,775; Dec. 13.
- Heat distributor. A. Sorenson. 2,118,988; May 31.
- Heat economizer. C. W. Obert. 2,123,612; July 12.
- Heat exchange apparatus. W. S. Buell. 2,140,279; Dec. 13.
- Heat exchange apparatus. C. Field. 2,112,596; Mar. 29.
- Heat exchange apparatus. E. J. Houdry and T. B. Prickett. 2,115,714; May 3.
- Heat exchange apparatus. C. H. Leach. 2,122,256; June 28.
- Heat exchange apparatus. W. F. Schroth. 2,136,087; Nov. 8.
- Heat exchange apparatus, Fluid. P. R. Cassidy, I. Harter, and H. J. Kerr. 2,120,125; June 7.
- Heat exchange apparatus, Fluid. F. X. Gilg. 2,134,713; Nov. 1.
- Heat exchange apparatus, Fluid. I. L. Langvand. 2,130,351; Sept. 20.
- Heat exchange apparatus, Fluid. C. S. Smith. 2,116,546; May 10.
- Heat exchange device. F. G. Cornell, Jr. 2,120,797; June 14.
- Heat exchange device, Fluid. H. W. Beecher. 2,126,721; Aug. 16.
- Heat exchange element. O. W. and H. G. Mojonniere. 2,129,473; Sept. 6.
- Heat exchange plant. W. G. Novack and P. M. Schattschneider. Re. 20,796; July 5.
- Heat exchange surface. H. C. Amme. 2,131,929; Oct. 4.
- Heat exchange system. M. E. Hanson. 2,136,132; Nov. 8.
- Heat exchange unit. S. E. Miller. 2,110,024; Mar. 1.
- Heat exchanger. J. M. Barclay and J. B. Forbes. 2,138,469; Nov. 29.
- Heat exchanger. G. H. Cain. 2,130,455; Sept. 20.
- Heat exchanger. H. C. Davis. 2,133,319; Oct. 18.
- Heat exchanger. C. R. Pieper. 2,104,813; Jan. 11.
- Heat exchanger. K. B. Ris. 2,134,058; Oct. 25.
- Heat exchangers. C. F. Rosenblad. 2,136,086; Nov. 8.
- Heat exchanger. D. W. Wilson, S. J. Chute, and R. K. Hopkins. 2,125,972; Aug. 9.
- Heat exchanger and accumulator. O. S. McGuffey. 2,121,253; June 21.
- Heat exchanger and making same. C. F. Rosenblad. 2,136,153; Nov. 8.
- Heat exchanger, High pressure. C. P. Kerr. 2,133,249; Oct. 11.
- Heat exchanger, Vertical. G. Trépaud. 2,121,999; June 28.
- Heat exchangers and the like, Apparatus for cleaning. R. M. Husband. 2,112,896; Apr. 5.
- Heat exchangers and the like, Making. W. F. van der Beyl. 2,117,830; May 17.
- Heat exchangers, Method and apparatus for making. J. Price. 2,119,960; June 7.
- Heat generating apparatus. R. A. Foresman. 2,140,521; Dec. 20.
- Heat insulation. J. H. Plummer. 2,134,340; Oct. 25.
- Heat interchange device. C. H. Wentworth. 2,119,761; June 7.
- Heat-interchange means. C. A. Hubert. 2,140,629; Dec. 20.
- Heat interchanger and making same, Spiral. F. R. Bichowsky. 2,131,265; Sept. 27.
- Heat interchanger, Spiral. F. R. Bichowsky. 2,129,300; Sept. 6.
- Heat producing composition. C. J. Lewit. 2,112,674; Mar. 29.
- Heat pump. H. Gibson. 2,135,285; Nov. 1.
- Heat regulator. R. W. Johnson. 2,108,225; Feb. 15.
- Heat-resisting implement. W. Hessenbruch. 2,104,835-6; Jan. 11.
- Heat-resisting object containing iron and aluminum. W. Hessenbruch. 2,129,840; Sept. 13.
- Heat retainer for permanent waving. T. Moore. 2,139,311; Dec. 6.
- Heat sealing device. S. Moore. 2,127,183; Aug. 16.
- Heat sensitive compositions. S. E. Sheppard and W. Vanselow. 2,129,242; Sept. 6.
- Heat sensitive device. B. D. Marshall and T. J. McCormick. 2,122,820; July 5.
- Heat transfer and refrigeration. T. Midgley, Jr., A. L. Henne, and R. R. McNary. 2,104,882; Jan. 11.
- Heat transfer apparatus. O. Larsen. 2,138,607; Nov. 29.
- Heat transfer apparatus. C. E. Meyerhoefer. 2,118,263; May 24.
- Heat transfer between two liquid materials, Process and apparatus for indirect. V. L. Atkinson and C. W. Foster. 2,119,091; May 31.
- Heat transfer device and making same. J. Karmazin. 2,111,534; Mar. 15.
- Heat transfer fluid. J. G. Ford. 2,139,945; Dec. 13.
- Heat transfer system. M. E. Fiene. 2,116,389; May 3.
- Heat transfer unit. L. W. Child. 2,122,454; July 5.
- Heat transferring device. J. S. Cortines. 2,138,091; Nov. 29.
- Heat transferring tube structure. G. M. Evans. 2,107,031; Feb. 1.
- Heat transmitting element. R. Poole. 2,112,743; Mar. 29.
- Heat trap. F. W. Anderson. 2,115,356; Apr. 26.
- Heat-treating apparatus. B. H. Urschel. 2,111,919; Mar. 22.
- Heat treating furnace. Le R. A. Lindberg. 2,106,462; Jan. 25.
- Heat treating system, Liquid. F. D. Chapman. 2,112,690; Mar. 29.
- Heat treatment of ferrous sections. P. Hoffman, W. Bender, and E. Cook. 2,116,070; May 3.
- Heat treatment of hydrocarbon gases. W. J. Podbielniak. 2,123,799; July 12.
- Heat treatment of metals. J. E. Malam. 2,130,756; Sept. 20.
- Heat treatment of welded joints. S. H. Ransom, Jr., and G. C. Fairbairn. 2,133,926; Oct. 18.
- Heat value of flowing fluids, Determining the. J. M. Naiman. 2,139,768; Dec. 13.
- Heater: See—
- Auto body heater.
  - Air circulating heater.
  - Air heater.
  - Automobile body heater.
  - Automobile heater.
  - Bottle heater.
  - Cabinet heater.
  - Circulating heater.
  - Direct fired unit heater.
  - Electric heater.
  - Feed water heater.
  - Fireplace heater.
  - Fluid heater.
  - Gas heater.
  - Hair-waving heater.
  - Hot water heater.
  - Liquid heater.
  - Oil-bearing sand heater.
  - Oil heater.
  - Orchard heater.
  - Solar heater.
  - Space heater.
  - Spiral curl heater.
  - Tank heater.
  - Track heater.
  - Tube heater.
  - Water heater.
- Heater. A. H. Bates. 2,126,696; Aug. 16.
- Heater. F. L. Benedict. 2,137,224; Nov. 22.
- Heater. D. D. Boothby. 2,120,795; June 14.
- Heater. A. Duncan. 2,119,008; May 31.
- Heater. A. Hatvelt. 2,132,294; Oct. 4.
- Heater. J. Jungers. 2,104,592; Jan. 4.
- Heater. C. E. Meyerhoefer. 2,135,089; Nov. 1.
- Heater. W. M. Myler Jr. 2,137,581; Nov. 22.
- Heater. C. Ringwald. 2,131,484; Sept. 27.
- Heater. J. Slane. 2,124,434; July 19.
- Heater. W. C. Stollberg. 2,131,334; Sept. 27.
- Heater and heating system for automotive vehicles. H. C. Stearns. 2,133,488; Oct. 18.
- Heater and incinerator, Combined water. R. D. Tierney. 2,120,165; June 7.
- Heater and regulator, Crystal. L. L. Young and J. L. Finch. 2,109,874; Mar. 1.
- Heater and resistance, Electrical. R. A. Clay. 2,129,046; Sept. 6.
- Heater and the like, Regenerative. J. Daniels. 2,141,036; Dec. 20.
- Heater and ventilator for vehicles. F. W. Kateley and E. G. Mathauer. 2,130,686; Sept. 20.
- Heater booster, Automobile. H. R. E. Lind. 2,136,626; Nov. 15.
- Heater for automobiles. S. W. Wilson. 2,139,612; Dec. 6.
- Heater for automobiles, Steam. R. F. Muller. 2,131,635; Sept. 27.
- Heater for baths, Immersion. A. Kärcher. Re. 20,954; Dec. 27.
- Heater for blast furnaces, Air. A. Schack. 2,134,804; Nov. 1.
- Heater for electron discharge devices, Cathode. W. Meyer. 2,108,544; Feb. 15.
- Heater for fluids. O. Wolf and R. C. Powell. 2,141,633; Dec. 27.
- Heater for gaseous media. H. Koppers. 2,104,201; Jan. 4.
- Heater for house trailers. T. M. Vullings. 2,139,141; Dec. 6.
- Heater for internal combustion engines, Carburetor. J. Driscoll. 2,129,571; Sept. 6.
- Heater for internal combustion engines, Fuel. B. P. Dawes. 2,104,974; Jan. 11.
- Heater for railway switches. L. H. V. Reynolds. 2,122,154; June 28.
- Heater for steam radiators, Electric. F. A. Fogg. 2,128,809; Aug. 30.
- Heater for vehicles, Windshield. J. P. Dillon. 2,125,154; July 26.
- Heater manufacture. E. Friederich and H. W. Klose. 2,131,887; Oct. 4.
- Heater structure, Automobile body. L. M. Payne. 2,119,140; May 31.
- Heating. N. C. Artsay. 2,115,548; Apr. 26.
- Heating. W. S. Gullette. 2,127,815; Aug. 23.
- Heating and cooking unit. J. Uhl and R. Porrmann. 2,121,273; June 21.
- Heating and cooling apparatus. B. F. Randel. 2,114,316; Apr. 19.
- Heating and cooling, Apparatus for. L. Wilson. 2,137,868; Nov. 22.
- Heating and cooling system. H. R. Crago. 2,121,625; June 21.
- Heating and cooling system. R. S. Gaugler. 2,107,199; Feb. 1.



- Heating and cooling system for self propelled vehicles. C. Haywood. 2,134,188; Oct. 25.
- Heating and cooling system for trailer vehicles. A. J. Fuchs. 2,118,884; May 31.
- Heating and cooling system for vehicles. L. C. McClanahan and F. G. Riedel. 2,134,724; Nov. 1.
- Heating and light radiating device, Combination. W. A. Beyer. 2,118,145; May 24.
- Heating and ventilating apparatus. A. B. Modine. Re. 20,669; Mar. 15.
- Heating and ventilating of passenger cars. E. A. Halbleib. 2,104,394; Jan. 4.
- Heating and ventilating system. R. J. Parsons. 2,113,531; Apr. 5.
- Heating apparatus. N. B. Cohen. 2,109,900; Mar. 1.
- Heating apparatus. A. B. Modine. 2,141,873; Dec. 27.
- Heating apparatus. E. A. Sanford. 2,109,930; Mar. 1.
- Heating apparatus. P. F. Sperry. 2,138,259; Nov. 29.
- Heating apparatus. L. Wilson. 2,122,504; July 5.
- Heating apparatus. J. C. Woodson. 2,137,870; Nov. 22.
- Heating apparatus and control means therefor. E. J. Dillman. 2,139,615; Dec. 6.
- Heating apparatus and method. W. F. Moore. 2,114,269; Apr. 12.
- Heating apparatus, Electric. E. L. Wiegand. 2,123,294; July 12.
- Heating Apparatus for. R. A. Prevett and J. B. Hickey. 2,114,018; Apr. 12.
- Heating apparatus for automobiles. W. H. Kuehn. 2,121,090; June 21.
- Heating apparatus for liquid. J. C. Dunlap. 2,119,907; June 7.
- Heating apparatus for the oil in the crankcase and water in the cooling system of internal combustion engines. P. and N. Pollack. 2,122,585; July 5.
- Heating apparatus, Railway tank car. J. Giordano. 2,136,738; Nov. 15.
- Heating apparatus suitable for use in shoemaking. W. N. Bray. 2,107,365; Feb. 8.
- Heating appliance. H. M. Nobis. 2,130,927; Sept. 20.
- Heating appliance. E. S. Preston. 2,120,220; June 7.
- Heating boiler, Domestic. E. C. Stauffer. 2,119,606; June 7.
- Heating by hot water circulation, System for. H. A. Richard. 2,111,991; Mar. 22.
- Heating device. E. C. Franzmann. 2,122,936; July 5.
- Heating device. E. G. Touceda. 2,109,758; Mar. 1.
- Heating device and the like. R. Reichmann. 2,121,930; June 28.
- Heating device, Electrical. J. G. Hughes. 2,122,522; July 5.
- Heating device for automobiles. J. A. Marchner. 2,135,981; Nov. 8.
- Heating device for curls. A. S. Moffat. 2,141,759; Dec. 27.
- Heating device for permanent waves. C. P. Simas. 2,125,402; Aug. 2.
- Heating device for therapeutical purposes. W. W. De Lancy. 2,136,043; Nov. 8.
- Heating device for tobacco barns. R. E. Mayo. 2,124,074; July 19.
- Heating device, Thermostatically controlled. J. D. Bolecky. 2,111,609; Mar. 22.
- Heating, Electrical. H. George and G. Delpech. 2,125,912; Aug. 9.
- Heating element and making same, Electrical. E. L. Wiegand. 2,139,785; Dec. 13.
- Heating element, Electric. M. M. J. E. Coupler. 2,130,715; Sept. 20.
- Heating element, Electrical. D. Mackenzie. 2,125,075; July 26.
- Heating element, Electrical. P. Schwarzkopf. 2,105,166; Jan. 11.
- Heating element, Electrical. E. L. Wiegand. 2,139,786; Dec. 13.
- Heating element for permanent hair waving apparatus and producing the same, Exothermic. J. A. Siebert. 2,137,704; Nov. 22.
- Heating furnace. E. C. Lundt. 2,137,693; Nov. 22.
- Heating furnace. W. W. Dennis and A. Robinson. 2,113,081; Apr. 12.
- Heating means, Electrical. H. George and G. Delpech. 2,104,557; Jan. 4.
- Heating medium, Generating. C. A. and A. R. Dunham. 2,131,555; Sept. 27.
- Heating method and means. E. Whitby, J. A. D. Pedler, E. J. Seiston, A. J. Newman, and L. R. Lester. 2,115,601; Apr. 26.
- Heating pad. E. C. Chancey. 2,126,731; Aug. 16.
- Heating pad. R. L. McFarlan and J. A. C. Bowles. 2,114,396; Apr. 19.
- Heating pad, Electric. A. D. Keene. 2,122,650; July 5.
- Heating structure for drying, ironing, calendaring, and similar machines. J. L. Heyussens. 2,136,992; Nov. 15.
- Heating system. F. A. Furlong. 2,115,988; May 3.
- Heating system. A. C. Grant. 2,120,803; June 14.
- Heating system. W. J. Hajek. 2,129,773; Sept. 6.
- Heating system. G. Kumsyag. 2,105,536; Jan. 18.
- Heating system and control means therefor. E. J. Dillman. 2,118,759; May 24.
- Heating system and method. R. A. and R. H. Crockett. 2,107,933; Feb. 8.
- Heating system for automobiles, Automatic steam. J. B. Moncrief. 2,141,926; Dec. 27.
- Heating system for rail switches. F. H. Thompson, Jr. 2,114,726; Apr. 19.
- Heating system, Hot water. A. Salmonsens. 2,105,893; Jan. 18.
- Heating system, Reversed cycle. K. P. Brace and R. P. P. Crawford. 2,135,742; Nov. 8.
- Heating system, Steam. J. E. Wasson and V. J. Bean. 2,125,839; Aug. 2.
- Heating systems, Apparatus for controlling. R. C. and C. H. Moore. 2,137,024; Nov. 15.
- Heating tube. F. W. Ofeldt. 2,111,538; Mar. 15.
- Heating unit, Electric. W. R. Tuttle. 2,137,149; Nov. 15.
- Heddle for circular looms. V. E. Royle. 2,132,245; Oct. 4.
- Heddle frame. W. H. Kelly. 2,113,154; Apr. 5.
- Heddle, Twine. I. Andrews and H. O. Coddington. 2,125,278; Aug. 2.
- Heddle, Weaving. P. Dathe. 2,125,425; Aug. 2.
- Hedge and tree trimmer. J. Wittek. 2,105,576; Jan. 18.
- Hedge cutter, Rotary. R. Jennett. 2,115,265; Apr. 26.
- Heel. C. O. Ryberg. 2,126,669; Aug. 9.
- Heel and covering the same. W. H. Nutt. 2,135,673; Nov. 8.
- Heel and its attachment to shoe. F. C. Lovejoy. 2,121,172; June 21.
- Heel-attaching and flap-laying machine. L. J. Bazzoni. 2,123,926; July 19.
- Heel-attaching machine. J. M. Barton. 2,133,372; Oct. 18.
- Heel-attaching machine. F. L. Brandt. 2,135,656; Nov. 8.
- Heel attaching machine. O. L. Lawson. 2,120,337; June 14.
- Heel-attaching machine. R. H. Lawson. 2,125,349; Aug. 2.
- Heel, Composition. H. F. Stose. 2,140,819; Dec. 20.
- Heel construction for shoes. F. M. and P. H. Gikerson. 2,135,135; Nov. 1.
- Heel construction for shoes. O. Teodorini. 2,115,350; Apr. 26.
- Heel, Detachable. H. N. Pearson. 2,129,099; Sept. 6.
- Heel, Detachable. O. Teodorini. 2,115,050; Apr. 26.
- Heel, Detachable shoe. E. W. Moss. 2,111,898; Mar. 22.
- Heel fasteners to shoes, Apparatus for securing metallic. H. Gordon and A. C. Rogge. 2,105,116; Jan. 11.
- Heel for footwear. C. Antoline. 2,122,552; July 5.
- Heel making machine, Wood. H. A. Bertram. 2,104,115; Jan. 4.
- Heel nailing device. G. B. Britton. 2,120,776; June 14.
- Heel plate for skiing. G. J. Cyr, Jr. 2,116,969; May 10.
- Heel, Pneumatic. E. Borman. 2,106,788; Feb. 1.
- Heel-seat fitting machine. E. A. Besson. 2,108,161; Feb. 15.
- Heel-seat forming machine. M. Cuozzo. 2,124,546; July 26.
- Heel, Removable. E. De Gironimo. 2,139,885; Dec. 13.
- Heel, Rubber. H. R. Husted. 2,121,353; June 21.
- Heel, Rubber. C. Lamb. 2,119,016; May 31.
- Heel, Rubber. C. Lamb. 2,126,561; Aug. 9.
- Heel, Rubber. L. M. Oakley. 2,133,788; Oct. 18.
- Heel, Shoe. G. Della. 2,104,924; Jan. 11.
- Heel, Shoe. E. D. Modlin. 2,122,108; June 28.
- Heel slotting machine, Wood. A. C. Rogge. 2,117,769; May 17.
- Heel support. J. Pim. 2,136,980; Nov. 15.
- Heel, Wood. S. G. Ross. 2,107,391; Feb. 8.
- Heels and the like, Method of and apparatus for making rubber. R. R. Hunt. 2,132,788; Oct. 11.
- Heels, Machine for slotting. G. Hazelton. 2,116,627; May 10.
- Heels, Manufacturing shoe. H. W. Darragh. 2,127,208; Aug. 18.
- Heels, Method and apparatus for operating on. A. F. Ball and G. A. Craig. 2,128,269; July 12.
- Heels, Method of and machine for cutting wood. C. I. Pollard. 2,136,522; Nov. 15.
- Heels to shoes, Attaching. F. L. Brandt. 2,110,918; Mar. 15.
- Heels to shoes, Attaching. M. Cuozzo. 2,121,545; July 26.
- Heels to shoes, Securing. H. Gordon and A. C. Rogge. 2,117,475; May 17.
- Heights of aircraft, particularly for use when the aircraft is landing, Means for indicating the. D. P. Lucking. Re. 20,646; Feb. 1.
- Heled sewing machine. C. H. Peterson. 2,110,513; June 7.
- Helicopter. J. R. De Stefano. 2,130,918; Sept. 20.
- Helicostat, Automatic. J. M. Arthur. 2,135,994; Nov. 8.
- Helmet. G. Hguth. 2,140,630; Dec. 20.
- Helmet. C. R. Standley. 2,135,844; Aug. 2.
- Helmet for therapeutic scalp treatment. T. M. Crossley and F. E. Johnson. 2,123,418; July 12.
- Helmet sweat, Adjustable. G. F. Holmes. 2,117,764; May 17.
- Hemorrhoidal and rectal support. W. Rader. 2,138,670; Aug. 30.
- Hemostat. I. A. Eshman. 2,104,029; Jan. 4.
- Hemp local on machine. C. Christensen and G. O. K. Riech. 2,127,151; Apr. 16.
- Hemp dressing machine. A. Takata. 2,108,568; Feb. 15.



- Hepta- and pentamethinecyanines, Substituted. W. Dietler and W. Zeh. 2,131,853; Oct. 4.
- Hermetically sealed container. H. E. Townsend. 2,122,968; July 5.
- Hexamethylenetetramine N bismuth iodide. O. G. Salb. 2,131,144; Sept. 27.
- Hides and pelts with the aid of iron compounds, Tanning. E. Immendorfer, H. Loewe, and H. Muench. 2,127,297; Aug. 16.
- Hides and skins, Tanning of. M. M. Merritt. 2,110,961; Mar. 15.
- Hides and skins, Tanning of. M. M. Merritt. 2,117,343; May 17.
- Hides and skins, Tanning of. M. M. Merritt. 2,125,944; Aug. 9.
- Hides and skins, Treating. C. Thomsen, A. Eckelmann, and E. Koch. 2,111,823; Mar. 22.
- Hides and skins, Treating. C. Thomsen, A. Eckelmann, and E. Koch. 2,112,508; Mar. 29.
- Hides, skins, and leather, Treatment of. A. O. Jaeger and R. Herrlinger. 2,123,832; July 12.
- Hides with the aid of mold tryptases in alkaline solution, Producing dehaired. O. Röhm. 2,139,209; Dec. 6.
- Hides with the aid of mold tryptases, Producing unhaired. O. Röhm. 2,132,579; Oct. 11.
- High frequency apparatus. Le R. J. Lindberg. 2,106,120; Jan. 18.
- High-frequency inductance device. W. J. Polydoroff. 2,113,603; Apr. 12.
- High frequency oscillating circuit. L. de Forest. 2,126,541; Aug. 9.
- High frequency part. H. Vogt. 2,127,241; Aug. 16.
- High frequency power tube. P. D. Zottu, L. S. Nergaard, and A. V. Haeff. 2,113,671; Apr. 12.
- High frequency receiver. G. W. Fyler. 2,104,616; Jan. 4.
- High frequency reed block. C. Lindeberg. 2,135,310; Nov. 1.
- High-frequency system. J. Böhme and S. Link. 2,138,953; Dec. 6.
- High frequency system. P. S. Carter. 2,109,465; Mar. 1.
- High frequency system having remote control. G. M. Wright and N. M. Rust. 2,139,055; Dec. 6.
- High pressure tank. B. Bart. 2,127,712; Aug. 23.
- High pressure valve. N. C. Hunt and S. C. Chessman. 2,132,030; Oct. 4.
- High speed engine indicator. N. Janco. 2,113,376; Apr. 5.
- High speed vehicle. W. A. Wulle. 2,118,127; May 24.
- High temperature saturating or coating apparatus. H. A. Cumfer. 2,126,872; Aug. 16.
- High tension discharge tube. J. H. van der Tuuk. 2,134,348; Oct. 25.
- High tension gas filled cable. P. E. Humphrey. 2,112,740; Mar. 29.
- High tension switch. A. C. Schwager. 2,141,846; Dec. 27.
- Highway. J. R. Fordyce. 2,139,816; Dec. 13.
- Highway and rail vehicle, Pneumatic-tired. W. B. Pageol. 2,140,421; Dec. 13.
- Highway construction. J. W. Isett. 2,108,750; Feb. 15.
- Highway, Marking a. C. Blatchford. 2,126,165; Aug. 9.
- Highway signal. D. M. Humphreys. 2,122,253; June 28.
- Highway signal. T. J. Simpson. 2,105,203; Jan. 11.
- High voltage discharge tube. A. Bouwers. 2,119,070; May 31.
- High voltage generator. N. E. Lindenblad. 2,119,588; June 7.
- Hinge. J. T. Atwood and L. C. Smith. 2,122,831; July 5.
- Hinge. J. H. Booth. 2,112,878; Apr. 5.
- Hinge. J. H. Booth. 2,118,149; May 24.
- Hinge. H. J. Chapoton. 2,118,163; May 24.
- Hinge. H. J. Chapoton. 2,127,156; Aug. 16.
- Hinge. F. S. Chrisman. 2,111,840; Mar. 22.
- Hinge. J. S. Clark. 2,117,148; May 10.
- Hinge. J. O. Drennan. 2,141,685; Dec. 27.
- Hinge. J. Erickson. 2,135,280; Nov. 1.
- Hinge. W. D. Ferris. 2,137,529; Nov. 22.
- Hinge. C. Fischer. 2,128,085; Aug. 23.
- Hinge. J. Jackle. 2,122,034; June 28.
- Hinge. R. W. Johnson and H. E. Davis. 2,133,663; Oct. 18.
- Hinge. S. Lipert. 2,108,774; Feb. 15.
- Hinge. G. A. and L. K. Loftin. 2,136,141; Nov. 8.
- Hinge. J. Ludwig. 2,122,528; July 5.
- Hinge. J. Ludwig. 2,133,554; Oct. 18.
- Hinge. W. R. Lustig. 2,112,782; Mar. 29.
- Hinge. E. Prestage. 2,133,307; Oct. 18.
- Hinge. M. Rainville. 2,114,402; Apr. 19.
- Hinge. H. F. Smith. 2,106,509; Jan. 25.
- Hinge. J. Soss. 2,121,452; June 21.
- Hinge. R. A. Spathelf. 2,105,705; Jan. 18.
- Hinge. P. Wimmenauer. 2,134,993; Nov. 1.
- Hinge and control, Combination door. H. W. Schwarz. 2,122,327; June 28.
- Hinge and operating mechanism for window sashes, Combined. H. K. Sylvester. 2,112,388; Mar. 29.
- Hinge and support, Door. J. R. Haley. 2,113,543; Apr. 5.
- Hinge, Automatic latch concealed. J. Soss and F. H. Schwartz. 2,120,685; June 14.
- Hinge, Boltless bracket. J. J. Munson. 2,126,026; Aug. 9.
- Hinge, Concealed. E. Shawcross. 2,112,472; Mar. 29.
- Hinge construction. J. H. Roethel. 2,126,579; Aug. 9.
- Hinge construction, Concealed. W. Bennett. 2,114,644; Apr. 19.
- Hinge, Door. L. B. Baker. 2,130,663; Sept. 20.
- Hinge, Door. R. C. Jacobs. 2,116,758; May 10.
- Hinge, Door. J. G. Mitchell. 2,126,127; Aug. 9.
- Hinge, Extension. R. W. Banks. 2,140,412; Dec. 13.
- Hinge fixture, Sash. U. S. Applegate. 2,139,651; Dec. 13.
- Hinge for loose-leaf catalogues or the like. O. Felix. 2,138,847; Dec. 6.
- Hinge for motor vehicle bodies, Concealed. V. M. Naert. 2,129,862; Sept. 13.
- Hinge, Gooseneck concealed. E. B. G. Lefevre. 2,132,266; Oct. 4.
- Hinge, Hood. J. Soss. 2,120,684; June 14.
- Hinge, Long throw concealed. J. Soss and F. H. Schwartz. 2,122,301; June 28.
- Hinge mechanism for lighting fixtures. L. C. Doane. 2,136,912; Nov. 15.
- Hinge member and forming same, One-piece shrouded. B. J. Smith. 2,112,312; Mar. 29.
- Hinge, Mirror. C. B. Graham. 2,112,399; Mar. 29.
- Hinge package. L. A. Bittorf. 2,138,901; Dec. 6.
- Hinge, Shower stall door. W. Stahl. 2,136,729; Nov. 15.
- Hinge structure. S. H. Caldwell. 2,115,381; Apr. 26.
- Hinged automatic flashboard gate. C. A. Betts. 2,118,535; May 24.
- Hinges for doors and the like, Making. E. S. McCallum. 2,135,723; Nov. 8.
- Hitch, Adjustable automatic self-releasing. B. F. Deaver. 2,139,577; Dec. 6.
- Hitch and brake mechanism, Automatic. J. L. Salerno. 2,134,931; Nov. 1.
- Hitch, Automatic brake control trailer. A. W. Howard. 2,133,195; Oct. 11.
- Hitch, Implement. M. I. Sanderson. 2,130,860; Sept. 20.
- Hitch means. V. F. Baumgardner. 2,119,263; May 31.
- Hitch or coupler. M. P. Graham, G. H. Hufferd, and J. E. Casse. 2,127,913; Aug. 23.
- Hitch, Three-drill tractor. J. S. Branch. 2,142,016; Dec. 27.
- Hitch, Tractor stop. G. Den Besten. 2,138,841; Dec. 6.
- Hitch, Trailer. L. R. Johnson. 2,127,689; Aug. 23.
- Hitch, Trailer. E. G. Lantz. 2,133,202; Oct. 11.
- Hitch, Trailer. L. Marsch. 2,117,562; May 17.
- Hitch, Trailer. B. E. Ricker. 2,118,231; May 24.
- Hitch with brake, Tractor stop. G. Den Besten. 2,140,504; Dec. 20.
- Hive handling apparatus. W. H. Foster. 2,108,480; Feb. 15.
- Hob and making spline couplings. J. Edgar. 2,112,455; Mar. 29.
- Hobbing machine. O. E. Staples. 2,122,219; June 28.
- Hobbing machine. O. E. Staples. 2,127,273; Aug. 16.
- Hobble. W. J. Heimer. 2,125,500; Aug. 2.
- Hobbyhorse. S. N. Holman. 2,129,176; Sept. 6.
- Hobbyhorse. H. J. Marlowe. 2,107,448; Feb. 8.
- Hobbyhorse, Progressive. C. Banks. 2,132,772; Oct. 11.
- Hobbyhorse, Walking. E. P. O'Donnell. 2,121,257; June 21.
- Hoe, Power-driven. J. E. Kopperud. 2,118,649; May 24.
- Hoe, Self-clearing. A. James. 2,140,911; Dec. 20.
- Hogshead and using same. E. L. Snow and E. L. Barkley, Jr. 2,127,435; Aug. 16.
- Hog-tongue protector. C. F. Wegehoff. 2,137,515; Nov. 22.
- Hoist. C. B. Collins. 2,122,908; July 5.
- Hoist. W. E. Vollmer. 2,133,910; Oct. 18.
- Hoist. W. H. Yount. 2,138,824; Dec. 6.
- Hoist attachment for tractors, Power. S. S. Moore. 2,124,116; July 19.
- Hoist cat-head control, Spinner. W. W. Foster. 2,116,497; May 10.
- Hoist drive and control. L. A. Trofimov. 2,133,365; Oct. 18.
- Hoist, Dumping body. L. S. Wood. Re. 20,812; July 26.
- Hoist, Hydraulic. C. G. Eisenberg, Jr. 2,120,967; June 21.
- Hoist, Loading. J. R. McGiffert and O. L. Berby. 2,131,479; Sept. 27.
- Hoist, Traveling. W. H. Ringe. 2,139,772; Dec. 13.
- Hoist, Vehicle. T. A. Martin. 2,139,597; Dec. 6.
- Hoisting apparatus. W. W. Latimer. 2,121,565; June 21.
- Hoisting apparatus, Hydraulic. H. O. Day. 2,137,045; Nov. 15.
- Hoisting device. H. B. Babson. 2,131,133; Sept. 27.
- Hoisting frame. D. Levov. 2,127,607; Aug. 23.
- Hoisting mechanism. C. G. Eisenberg, Jr. 2,113,044; Apr. 5.
- Hoisting mechanism. R. C. Lamond. 2,133,822; Oct. 18.
- Hoisting unit and control system therefor, Hydraulic. H. F. Vickers. 2,104,780; Jan. 11.
- Hold-down device for shipping containers in freight cars, motor trucks, and ships. F. U. Wagner and J. Carey. 2,115,242; Apr. 26.
- Hold-down for spring rail frogs. J. C. Gerlach. 2,129,731; Sept. 13.
- Hold-down for squaring shears, Hydraulic. R. L. Brownlee. 2,105,402; Jan. 11.
- Hold open device. B. S. Bernhard. 2,106,448; Jan. 25.
- Hold open device. B. S. Bernhard. 2,117,013; May 10.



**Holder: See—**

Bag holder.  
 Binder or loose sheet holder.  
 Blade holder.  
 Bobbin holder.  
 Book stub holder.  
 Bottle holder.  
 Broom holder.  
 Brush holder.  
 Candle holder.  
 Car card holder.  
 Carbon holder.  
 Card and pamphlet holder.  
 Card holder.  
 Cartridge holder.  
 Certificate holder.  
 Chart holder.  
 Checkbook holder.  
 Cigarette holder.  
 Cigarette snuff-out holder.  
 Cigarette stub holder.  
 Clothesline holder.  
 Coffee holder.  
 Collapsible gas holder.  
 Collapsible tube holder.  
 Collar holder.  
 Condiment holder.  
 Container holder.  
 Copy holder.  
 Cosmetic holder.  
 Cover holder.  
 Crystal holder.  
 Curtain holder.  
 Curtain and shade holder.  
 Curtain-rod holder.  
 Curtain tie-back design holder.  
 Dental burr holder.  
 Dental film holder.  
 Dental floss holder.  
 Die-holder.  
 Display card holder.  
 Display holder.  
 Door holder.  
 Dowel bar and expansion joint strip holder.  
 Electrode holder.  
 Eraser holder.  
 Filler rod holder.  
 Film holder.  
 Filter glass holder.  
 Fire extinguisher holder.  
 Fishhook holder.  
 Fishing pole holder.  
 Fishing rod holder.  
 Fish pole holder.  
 Flashlight holder.  
 Flatiron holder.  
 Flower holder.  
 Flowerpot holder.  
 Fly holder.  
 Fowl holder.  
 Gas holder.  
 Gasket holder.  
 Garbage can holder.  
 Garment holder.  
 Golf tee holder.  
 Hairpin holder.  
 Handbag holder.  
 Handkerchief holder.  
 Harmonica holder.  
 Hat holder.  
 Index strip holder.  
 Indexing work holder.  
 Insulin bottle holder.  
 Ironing board cord holder.  
 Jar holder.  
 Key holder.  
 Ladder holder.  
 Lamp holder.  
 License plate holder.  
 License tag holder.  
 Life preserver holder.  
 Lingerie strap holder.  
 Lipstick holder.  
 Machine tool holder.  
 Manuscript holder.  
 Memorandum holder.  
 Message holder.  
 Milk bottle holder.  
 Mirror holder.  
 Mop holder.  
 Multiple-electrode holder.  
 Necktie holder.  
 Notebook and copy holder.  
 Nursing bottle holder.  
 Nut or bolt holder.  
 Pad holder.  
 Paper holder.  
 Paper roll holder.  
 Pastel holder.  
 Pen and pencil holder.  
 Pen or pencil holder.  
 Piezoelectric crystal holder.  
 Pipe and cigar holder.  
 Plant pot holder.  
 Poultry holder.  
 Price tag holder.  
 Processing film holder.  
 Protective cigarette holder.  
 Quill brush holder.  
 Racket holder.  
 Razor blade holder.  
 Razor strap holder.  
 Record sheet holder.  
 Registration card holder.  
 Rope holder.  
 Sack holder.  
 Safety match holder.  
 Sample holder.  
 Sash holder.  
 Scale pencil holder.  
 Seat holder.  
 Sewing equipment holder.  
 Shielded electrode holder.  
 Shirt holder.  
 Shoe holder.  
 Shoulder-strap holder.  
 Shower spray holder.  
 Skate blade holder.  
 Ski holder.  
 Sliced bread holder.  
 Spool holder.  
 Steel wool holder.  
 Suspender holder.  
 Tack holder.  
 Tackless display holder.  
 Tag holder.  
 Tie and collar holder.  
 Tie holder.  
 Tissue holder.  
 Tool holder.  
 Tooth brush holder.  
 Towel holder.  
 Transfer sheet holder.  
 Trash bag holder.  
 Tree holder.  
 Tube holder.  
 Universal dispensing holder.  
 Vacuum holder.  
 Wallet and card holder.  
 Welding electrode holder.  
 Wire holder.  
 Work holder.  
 Yarn holder.

Holder. W. C. Lawson. 2,133,896; Oct. 18.  
 Holder. R. R. Olson. 2,139,203; Dec. 6.  
 Holder. M. L. Warner. 2,142,019; Dec. 27.  
 Holder. F. E. Wolcott. 2,112,914; Apr. 5.  
 Holder and applicator, Soap. L. J. Arms. 2,127,901; Aug. 23.  
 Holder and blank, Plaque. D. Kahn. 2,141,991; Dec. 27.  
 Holder and conditioning device, Paint brush. E. T. Ewing. 2,127,682; Aug. 23.  
 Holder and cutter, Tape. M. J. Mangione. 2,117,253; May 10.  
 Holder and drainer device, Combined. S. D. Burford. 2,128,118; Aug. 23.  
 Holder and guide, Die. B. C. Dimmick. 2,109,312; Feb. 22.  
 Holder and handling ice cubes, Ice cube. F. Hummel. 2,131,855; Oct. 4.  
 Holder and making same, Desk blotter. F. S. Schade. 2,105,230; Jan. 11.  
 Holder and making the same, Plaque. D. Kahn. 2,141,988; Dec. 27.  
 Holder and necktie ornament, Combined collar. J. L. Grant. 2,111,145; Mar. 15.

Holder and other electric fittings, Electric lamp. H. Klopfer. 2,110,508; Mar. 8.  
 Holder and plotting device, Map. P. Dalton. 2,114,652; Apr. 19.  
 Holder and press, Brace. M. Bonato. 2,106,112; Jan. 18.  
 Holder and protector, Crayon. M. C. Dvorak. 2,134,863; Nov. 1.  
 Holder and tool, Tool. H. Morris. 2,127,231; Aug. 16.  
 Holder construction, Tie. C. E. Gaynor. 2,138,575; Nov. 29.  
 Holder device, License plate. A. C. de Hoffmann. 2,141,866; Dec. 27.  
 Holder, Electrode. J. Churchward. Re. 20,808; July 26.  
 Holder for a relooping needle, Needle. B. H. Gostkowski. 2,115,100; Apr. 26.  
 Holder for a roll of strip material. S. Teshner and S. A. Korones. 2,106,363; Jan. 25.  
 Holder for beverage receptacles. L. A. Heymann. 2,140,743; Dec. 20.  
 Holder for cans and the like. C. C. Dawson. 2,133,320; Oct. 18.  
 Holder for cigarettes or the like. W. Walsh. 2,109,810; Mar. 1.  
 Holder for cleaning pads or the like. L. Stern. 2,137,631; Nov. 22.  
 Holder for die heads, Chaser. R. M. Strickland. 2,108,149; Feb. 15.  
 Holder for drawing-ink bottles. C. R. C. Pomar. 2,113,095; Apr. 5.  
 Holder for electric signaling cables, Distance. A. Braun. 2,109,817; Mar. 1.  
 Holder for endless conveyers, Work. O. E. Westlund. 2,117,641; May 17.  
 Holder for fishline coils and the like. P. A. Allen and M. Womeldorf. 2,124,512; July 19.  
 Holder for headrests, Napkin. J. H. Abbott. 2,130,217; Sept. 13.  
 Holder for intaglio printing machines, Plate. R. W. Bender. 2,106,078; Jan. 18.  
 Holder for knitting needles, Stitch and work. A. T. Wong. 2,128,871; Aug. 30.  
 Holder for lacework and the like. C. Kowalewska. 2,132,265; Oct. 4.  
 Holder for memorandum pads. G. A. Ritchie. 2,114,477; Apr. 19.  
 Holder for merchandise, Display card. W. Christian. 2,130,732; Dec. 20.  
 Holder for mops and the like, Sheet. R. G. Winston. 2,124,220; July 19.  
 Holder for motor vehicles, Cuspidor. B. F. Blanchard. 2,118,337; May 24.  
 Holder for mower sections, Work. A. L. Warner. 2,138,264; Nov. 29.  
 Holder for nail polish, Finger-supported. A. Jeffers. 2,140,231; Dec. 13.  
 Holder for newspaper and magazines. W. M. Crawford and E. Yoss. 2,120,857; June 14.  
 Holder for partitions and the like. M. Zadek. 2,125,747; Aug. 2.  
 Holder for proofreading. A. J. Baldauf. 2,127,711; Aug. 23.  
 Holder for reading stands, Book. G. Manierre. 2,136,701; Nov. 15.  
 Holder for rivet spinning machines, Roll. H. L. Turnquist and F. A. Heilman. 2,126,427; Aug. 9.  
 Holder for rotary vibrating bits. J. W. Heaston. 2,113,651; Apr. 12.  
 Holder for sensitized elements. O. E. Conklin. 2,140,515; Dec. 20.  
 Holder for stereoscopic pictures, Film. L. E. W. Van Albada. 2,139,782; Dec. 13.  
 Holder for stick material. C. N. Coryell. 2,104,364; Jan. 4.  
 Holder for string. J. M. Sapunar. 2,108,149; Feb. 15.  
 Holder for tank wagon receptacles, Safety. A. R. Pool. 2,117,992; May 17.  
 Holder for telephones, Indicia. G. D. Cox. 2,105,685; Jan. 18.  
 Holder for telephones, Memorandum pad. R. A. Eaye. 2,130,920; Sept. 20.  
 Holder for twin palls. F. G. Curtis. 2,117,404-5; May 17.  
 Holder for typewriters, Eraser. C. G. Huddle. 2,107,001; Feb. 1.  
 Holder for typewriters, Sheet paper. J. W. Harris. 2,125,290; Aug. 2.  
 Holder for well replenishing looms, Thread. R. G. Turner. 2,125,658; Aug. 2.  
 Holder for writing instruments and the like, Plaque. D. Kahn. 2,141,990; Dec. 27.  
 Holder for yarn drying machines, Warp beam. M. L. Crain and C. E. Smith. 2,104,507; Jan. 4.  
 Holder for yarn packaging device, Package case. W. J. Elvin and J. L. Robinson. 2,106,799; Feb. 1.  
 Holder mechanism for multiple rods and the like, Wood. R. H. Patrick. 2,142,024; Dec. 27.  
 Holder or support for collapsible tubes and the like. F. Higgins. 2,125,781; Aug. 2.  
 Holder or the like, Lipstick. S. Morrison. 2,104,902; Jan. 11.  
 Holder, Supply. F. R. Swanson. 2,124,499; July 19.  
 Holder, writing and study board, Combination book. G. J. Porter. 2,104,524; Jan. 4.  
 Holder, Combining. C. Nelson. 2,103,300; Feb. 24.



- Holding and releasing switch. W. Trautner. 2,120,876; June 14.
- Holding chamber for pasteurizing system. B. E. Getchell. 2,138,402; Nov. 29.
- Holding clip. Stabilized. H. G. and W. J. Woehler. 2,123,458; July 12.
- Holding device. H. R. Segal. 2,112,866; Apr. 5.
- Holding means. H. P. Wurman and R. D. Touton. 2,118,581; May 24.
- Holding means for instruments. B. Mischelevich and B. Lazich. 2,132,992; Oct. 11.
- Holding or stripping mechanism for shearing machines. W. C. Tucker. 2,132,136; Oct. 4.
- Holding switch. W. Trautner. 2,119,450; May 31.
- Hole drilling mechanism, Oversize. J. A. Zublin. 2,119,618; June 7.
- Hole drilling mechanism, Rat. E. D. Ackerman. 2,131,830; Oct. 4.
- Hole driving machine. L. S. Gaty. 2,122,686; July 5.
- Hole spotter. E. Merrill. 2,114,132; Apr. 12.
- Hole straightening or reaming bit. W. Hughes. 2,122,063; June 28.
- Holes in cable sheaths, Device for sealing. A. Z. Mample. 2,110,003; Mar. 1.
- Hollow articles electrolytically, Forming. A. E. Paige. 2,137,806; Nov. 22.
- Hollow articles, for example, from artificial resins, Apparatus for molding. H. Hönig. 2,133,027; Oct. 11.
- Hollow bodies, Apparatus and process for the manufacture of. F. B. Hatebur. 2,128,705; Aug. 30.
- Hollow bodies, Making. L. C. Shippy and W. O. Gebhart. 2,105,704; Jan. 18.
- Hollow mill. E. R. Koonz. 2,126,476; Aug. 9.
- Holster. R. H. Hoyt. 2,109,232; Feb. 22.
- Holster clamp. R. Meine. 2,138,978; Dec. 6.
- Holster, Gun. J. Preneta. 2,109,734; Mar. 1.
- Holy water dispenser. A. T. Pepper. 2,119,055; May 31.
- Homogeneous articles, Sorting. D. C. Cox. 2,131,095; Sept. 27.
- Homogenizer. H. Fromm. 2,140,076; Dec. 13.
- Homologues of beta-methylcholine halide and their acyl derivatives and their production. R. T. Major and H. T. Bonnett. 2,135,521; Nov. 8.
- Hone. H. L. Blood. 2,110,756; Mar. 8.
- Hone. W. D. Schmidt. 2,112,120; Mar. 22.
- Hone. W. Vanlandingham. 2,135,926; Nov. 8.
- Hone or file, Resurfaceable. F. M. Froemming. 2,112,152; Mar. 22.
- Hone, Razor. W. J. Koller. 2,111,667; Mar. 22.
- Honey cappings, Device for melting. W. T. Brand. 2,111,748; Mar. 22.
- Honey uncapping machine. W. T. Brand. 2,139,298; Dec. 6.
- Honing. K. W. Connor. 2,108,029; Feb. 8.
- Honing, Apparatus for. H. R. Berard and W. D. McKeon. 2,133,375; Oct. 18.
- Honing device. H. Corral and B. A. Stevens. 2,127,289; Aug. 16.
- Honing gears, and for truing the honing means. E. Stubbs. 2,105,896; Jan. 18.
- Honing machine. W. P. Hunt and D. C. Eipper. 2,128,706; Aug. 30.
- Honing machine. A. M. Johnson. 2,106,216; Jan. 25.
- Honing machine. A. M. Johnson. 2,111,784; Mar. 22.
- Honing machine. A. M. Johnson. 2,130,393; Sept. 20.
- Hood. D. P. Hynes. 2,125,569; Aug. 2.
- Hood, Aeration. J. T. Marvin and B. L. Matthews. 2,111,369; Mar. 15.
- Hood, Engine silencing. F. P. Grutzner. 2,123,358; July 12.
- Hood, Folding. F. H. Redfern. 2,128,849; Aug. 30.
- Hood for baby carriages. E. Bucher. 2,134,855; Nov. 1.
- Hood for rock drills. L. C. Smith. 2,107,552; Feb. 8.
- Hood for textile machinery, Cleaning. E. J. Eaddy. 2,125,774; Aug. 2.
- Hood hair drying apparatus, Multiple. A. E. Zingone. 2,139,250; Dec. 6.
- Hood latch. L. R. Rhein and F. A. Cooley. 2,135,625; Nov. 8.
- Hood latch. W. S. Saunders. 2,126,141; Aug. 9.
- Hood or device, Diving. J. E. Williamson. 2,113,779; Apr. 12.
- Hood, Protecting. W. R. Shields. 2,124,042; July 19.
- Hood rest for automobiles. S. De Orlow. 2,135,613; Nov. 8.
- Hood safety latch. O. C. Stork. 2,112,181; Mar. 22.
- Hook: See—
- Automatic hay hook.
- Brier and weed hook.
- Cant-hook.
- Casing hook.
- Clothes hook.
- Clothesline hook.
- Fishing hook.
- Gaff hook.
- Husking hook.
- Key ring hook.
- Picture hook.
- Printer's register hook.
- Snap hook.
- Wall hook.
- Hook. E. Ericksen. 2,121,908; June 28.
- Hook coupling. W. H. Moffatt. 2,140,164; Dec. 13.
- Hook for attaching grass catchers to lawn mowers, Snap. E. H. Strutz. 2,124,835; July 26.
- Hook for motor vehicles, Towing. A. G. Scammell and O. D. North. 2,129,745; Sept. 13.
- Hook, Off-center switch. F. V. Kehl. Re. 20,737; May 24.
- Hook-off device, Variable. O. C. Staples. 2,123,762; July 12.
- Hookless or zipper fastener. D. Rosen. 2,124,448; July 19.
- Hooks to fishing lures, Attaching. J. H. Martin. 2,110,382; Mar. 8.
- Hop and stem separator. E. Thys. 2,116,006; May 3.
- Hop picking machine. G. E. Miller. 2,139,029; Dec. 6.
- Hop picking machine. E. Thys. 2,114,727; Apr. 19.
- Hop separator. E. Thys. 2,138,529; Nov. 29.
- Hop separator. E. Thys. 2,139,046; Dec. 6.
- Hopper. F. P. Sloan. 2,120,269; June 14.
- Hopper and agitator. G. G. Merchen. 2,121,486; June 21.
- Hopper construction. G. M. Kriegbaum and D. M. Morris. 2,124,198; July 19.
- Hopper discharge apparatus. J. A. Eades. 2,105,589; Jan. 18.
- Hopper, Dustless bag discharge. N. Statham and H. Richards. 2,107,995; Feb. 8.
- Hopper for fuel stokers. C. Scholl. 2,128,968; Sept. 6.
- Horizon, Artificial. C. M. Holton. 2,118,045; May 24.
- Horizontal vibrating screen. R. A. Denovan. 2,107,729; Feb. 8.
- Hormonal composition. J. S. De Frates. 2,137,240; Nov. 22.
- Hormone substance, Obtaining. E. A. Doisy and P. A. Katzman. 2,139,540; Dec. 6.
- Hormone, Suprarenal cortical. K. G. David. 2,115,621; Apr. 26.
- Hormones, Preparing. E. L. Gustus. 2,120,405; June 14.
- Hormones, Production of. E. S. Wallis and W. A. Yarnall. 2,123,217; July 12.
- Hormones, Recovery of. H. L. P. Kjems. 2,129,584; Sept. 6.
- Horn. E. C. Wente. 2,135,610; Nov. 8.
- Horn, Motor. C. V. McBroom. 2,106,303; Jan. 25.
- Horn protector. B. W. Henderson. 2,123,603; July 12.
- Horn signaling and steering wheel spinning device. J. M. Turnage. 2,131,649; Sept. 27.
- Horseback rider's pad. L. C. Morgan. 2,128,159; Aug. 23.
- Horse bit. J. H. Hauser. 2,132,469; Oct. 11.
- Horse-collar pad. A. Wesley. 2,127,242; Aug. 16.
- Horse, Rocking. P. Glamos. 2,111,891; Mar. 22.
- Horses, Apparatus for starting race. W. F. Marresford. 2,136,365; Nov. 15.
- Horse's tail protector. J. A. Vanorio, Jr. 2,136,032; Nov. 8.
- Horseshoe. J. Mabijs. 2,136,215; Nov. 8.
- Hose. D. B. Gish. 2,128,814; Aug. 30.
- Hose. R. Taylor. 2,117,921; May 17.
- Hose and garter, Combined half. G. S. Van Voorhis. 2,129,291; Sept. 6.
- Hose and supporter. E. F. Gaines. 2,135,434; Nov. 1.
- Hose clamp. M. J. McAneny. 2,109,500; Mar. 1.
- Hose coupling. R. O. Allen. 2,132,506; Oct. 11.
- Hose coupling. C. E. Bannister. 2,116,299; May 3.
- Hose coupling. H. W. Goodall. 2,139,745; Dec. 13.
- Hose coupling. W. L. McGrath. 2,127,086; Aug. 16.
- Hose coupling. M. P. Whitney. 2,125,477; Aug. 2.
- Hose coupling, Detachable. I. Cowles. 2,120,275; June 14.
- Hose coupling, Quick interlocking duplicate end. A. J. Scholtes. 2,124,474; July 19.
- Hose coupling, Releasable internally expanding. A. J. Scholtes. 2,110,096; Mar. 1.
- Hose end structure. H. Barnard. 2,122,126; June 28.
- Hose for washing machines. T. A. Johnson. 2,141,916; Dec. 27.
- Hose handling and storing apparatus. G. F. Stewart. 2,135,736; Nov. 8.
- Hose joint tightener. W. L. and K. J. Jackson. 2,106,118; Jan. 18.
- Hose, Making multiple passage. M. Berman and W. Brockner. 2,122,335; June 28.
- Hose manufacture. F. Scarborough. 2,105,758; Jan. 18.
- Hose, Manufacture of artificial silk. A. G. Bouhuys. 2,138,954; Dec. 6.
- Hose, Multiple passage. M. Berman and W. Brockner. 2,136,230; Nov. 8.
- Hose protector, Shoeshine. F. D. Brown. 2,141,510; Dec. 27.
- Hose pull control for liquid dispensing apparatus. J. A. Logan. 2,132,535; Oct. 11.
- Hose stripper. W. L. Griffin. 2,136,902; Nov. 15.
- Hose structure. A. J. and I. F. Fausek. 2,139,888; Dec. 13.
- Hose support. O. Ruchmann. 2,135,772; Nov. 8.
- Hose supporter. J. J. McKelvey. 2,120,414; June 14.
- Hose, Ventilating. A. D. MacLachlan. 2,140,638; Dec. 20.
- Hosiery. G. L. Brill. 2,132,844; Oct. 11.
- Hosiery. R. W. Carley. 2,121,857; June 28.
- Hosiery. M. A. Salembier, Jr. 2,128,971; July 19.
- Hosiery and making same, Knitted. W. W. Scholz. 2,139,606; Dec. 6.
- Hosiery and making the same. C. A. Kaufman. 2,139,755; Dec. 13.
- Hosiery and making the same. E. C. Lochhead. 2,130,018; Sept. 13.
- Hosiery, Artificial silk. A. Hartmann and J. Uytenbogaart. 2,123,675; July 12.



- Hosiery, Device for use in knitting elastic top full fashioned. A. Rinehart and L. H. Mendelsohn. 2,109,651; Mar. 1.
- Hosiery, Elastic top. J. L. Marshall. 2,127,780; Aug. 23.
- Hosiery fabric. A. F. Verbeek. 2,111,255; Mar. 15.
- Hosiery, Full fashioned. J. M. Botts. 2,119,663; June 7.
- Hosiery inspecting device. M. Poeschmann. 2,116,478; May 3.
- Hosiery, Knitting. F. Lambach. 2,120,522; June 14.
- Hosiery measuring device. P. Verdier. 2,110,895; Mar. 15.
- Hosiery, Method and apparatus for eliminating sinker lines and the like in. H. P. Luhn. 2,140,936; Dec. 20.
- Hosiery toe, Knitted. H. W. Roesener. 2,136,892; Nov. 15.
- Hosiery toe, Knitting full-fashioned. H. W. Roesener. 2,136,893; Nov. 15.
- Hot air furnace. B. B. W. Cooper. 2,108,033; Feb. 15.
- Hot air furnace. G. A. Tuck. 2,121,108; June 21.
- Hotbed for rails. C. P. O. F. A. and N. P. P. Sandberg. 2,115,690; Apr. 26.
- Hot tamale dispenser. J. C. Shannon. 2,111,497; Mar. 15.
- Hot water heater. M. J. Morgan. 2,128,842; Aug. 30.
- Hot water heater, Coal burning automatically fired. W. A. Riddell. 2,141,764; Dec. 27.
- House, Camp. L. Hickey. 2,104,648; Jan. 4.
- House construction, Concrete. C. Valenti. 2,120,195; June 7.
- Housing. F. J. McCluskey and G. W. Goldner. 2,114,745; Apr. 19.
- Housing flushing apparatus, Container. C. C. Campus. 2,126,448; Aug. 9.
- Housing for liquid dispensing apparatus. E. H. Bradley and W. H. D. Brouse. 2,141,124; Dec. 20.
- Housing for reflector buttons. S. S. Adams. 2,118,911; May 31.
- Housing, Gas installation. P. A. Anderson. 2,105,135; Jan. 11.
- Housing, Gear. W. J. Coultas and N. D. Colvin. 2,125,489; Aug. 2.
- Housing machine. A. M. Johnson. 2,114,349; Apr. 19.
- Housing, Photocell. J. P. Hufer and C. P. Wood. 2,122,941; July 5.
- Housing structure and its construction. J. A. Stromberg. 2,117,996; May 17.
- H<sub>2</sub>S and mercaptans from hydrocarbons, Separating. L. Rosenstein. 2,110,403; Mar. 8.
- Hub cap, Nonrotatable. G. D. Ball and C. L. Tumulty. 2,130,220; Sept. 13.
- Hub, Coasting and driving. P. V. Anderson. 2,125,763; Aug. 2.
- Hub liner, Full floating. J. P. Kivlen and G. E. Strohl. 2,125,028; July 26.
- Hubs, Construction of. F. R. Hight. 2,132,002; Oct. 4.
- Hull construction, Welded. J. H. Odenbach and J. Cat-tanach. 2,104,053; Jan. 4.
- Hull superstructure, Wing attaching. I. I. Sikorsky. 2,123,665; July 12.
- Huller, Cotton. J. J. Wallace. 2,138,436; Nov. 29.
- Huller rib. J. A. Streun. 2,104,889; Jan. 11.
- Huller rib. J. A. Streun. 2,119,186; May 31.
- Huller rib. J. J. Wallace. 2,138,437; Nov. 29.
- Humane trap. R. J. Johnson. 2,110,156; Mar. 8.
- Humidifier. F. E. Bahnson. 2,118,695; May 24.
- Humidifier. M. B. Boustead. 2,140,664; Dec. 20.
- Humidifier. I. Elliott. 2,114,594; Apr. 19.
- Humidifier. W. G. Ireland. 2,113,024; Apr. 5.
- Humidifier. C. E. Robb. 2,124,510; July 19.
- Humidifier. G. W. Shearer. 2,141,417; Dec. 27.
- Humidifier. G. W. Skillebeck. 2,111,437; Mar. 15.
- Humidifier. F. N. Smith. 2,131,125; Sept. 27.
- Humidifier. G. W. Utsman. 2,123,816; July 12.
- Humidifier. J. A. Wilson. 2,139,429; Dec. 6.
- Humidifier boiler. L. L. Turney. 2,133,599; Oct. 18.
- Humidifier control apparatus. A. H. Beasley and D. H. Donahoe. 2,122,000; June 28.
- Humidifier for dwellings. K. D. Rainbolt. 2,138,709; Nov. 29.
- Humidifier for warm air furnaces. A. C. Brintnall. 2,111,165; Mar. 15.
- Humidifier with truncated cones. G. R. Magney. 2,105,773; Jan. 18.
- Humidifying apparatus. C. J. Wurmfeld. 2,136,400; Nov. 15.
- Humidifying apparatus and method. R. S. Blatr. 2,124,482; July 19.
- Humidifying device for internal combustion engines. E. Niethamer. 2,112,972; Apr. 5.
- Humidifying, Method of and apparatus for. S. E. Miller. 2,112,041; Mar. 22.
- Humidity and air cooling machine. J. M. Barrett. 2,106,560; Jan. 25.
- Humidity control for refrigerators. M. Kalischer. 2,133,958; Oct. 25.
- Hurdle, Automatic. J. B. Fecht. 2,119,808; June 7.
- Husking hook. H. J. Kelly. 2,129,248; Sept. 6.
- Hydrant. H. M. Lofton and E. E. Cline. 2,141,692; Dec. 27.
- Hydrant appliance. A. Scilla. 2,116,770; May 10.
- Hydrant, Frostproof. J. A. Vogel. 2,109,187; Feb. 22.
- Hydrant or the like and breakable connection therefor. Sectional. J. L. Rowe and E. A. Rutledge. 2,129,032; Sept. 6.
- Hydraulic actuator system. E. J. Svenson. 2,122,443; July 5.
- Hydraulic apparatus. G. J. Russell. 2,134,673; Oct. 25.
- Hydraulic apparatus, Rotary radial plunger. E. K. Benedek. 2,115,296; Apr. 26.
- Hydraulic heating apparatus. R. D. Kehoe. 2,125,298; Aug. 2.
- Hydraulic brake. C. P. Ball, Jr. 2,141,966-7; Dec. 27.
- Hydraulic brake. R. S. Begg and G. C. R. Kuiper. 2,125,266; Aug. 2.
- Hydraulic brake. C. Beusch. 2,107,257; Feb. 1.
- Hydraulic brake. R. H. Blocker. 2,115,189; Apr. 26.
- Hydraulic brake. N. A. Christensen. 2,115,383; Apr. 26.
- Hydraulic brake. E. A. Corbin, Jr. 2,118,808; May 31.
- Hydraulic brake. E. A. Dickey. 2,107,564; Feb. 8.
- Hydraulic brake. H. D. Geyer. 2,132,730; Oct. 11.
- Hydraulic brake. J. H. Hunt. 2,115,071; Apr. 26.
- Hydraulic brake. L. E. La Brie and J. R. Heidloff. 2,140,751; Dec. 20.
- Hydraulic brake. B. McInnerney. 2,115,995; May 3.
- Hydraulic brake. H. E. Marsh. 2,115,273; Apr. 26.
- Hydraulic brake. H. E. Marsh. 2,125,640; Aug. 2.
- Hydraulic brake. W. F. Oliver. 2,120,676; June 14.
- Hydraulic brake. H. K. Weihe. 2,126,296; Aug. 9.
- Hydraulic brake. R. L. Welch and J. T. Shoup. 2,105,712; Jan. 18.
- Hydraulic brake. J. W. White. 2,140,778; Dec. 20.
- Hydraulic clutch. W. W. Criley. 2,120,798; June 14.
- Hydraulic clutch. F. Rodeghier. 2,107,344; Feb. 8.
- Hydraulic clutch. B. H. Savage. 2,115,211; Apr. 26.
- Hydraulic clutch. F. E. Staats. 2,116,049; May 3.
- Hydraulic clutch. F. E. Staats. 2,140,886; Dec. 20.
- Hydraulic control mechanism. G. V. Anderson. 2,116,376; May 3.
- Hydraulic control valve. E. C. Dudley. 2,127,679; Aug. 23.
- Hydraulic control valve. A. G. Gurries and J. A. Bussert. 2,115,950; May 3.
- Hydraulic controlling apparatus. F. V. Brown. 2,119,416; May 31.
- Hydraulic coupling. N. L. Alison. 2,139,107; Dec. 6.
- Hydraulic coupling. L. Kösters. 2,141,305; Dec. 27.
- Hydraulic coupling. A. Ness. 2,130,895; Sept. 20.
- Hydraulic damping device. R. L. Levy. 2,141,541; Dec. 27.
- Hydraulic device. R. Sykora. 2,124,800; July 26.
- Hydraulic device for presses, Auxiliary. H. F. MacMillan. 2,128,152; Aug. 23.
- Hydraulic engine. G. P. Geissler. 2,107,982; Feb. 8.
- Hydraulic jack. T. C. Pomeroy. 2,119,440; May 31.
- Hydraulic machine. G. C. Whisler. 2,132,504; Oct. 11.
- Hydraulic mechanism. E. McCormick, M. D. Stewart, and W. H. Worthington. 2,107,760; Feb. 8.
- Hydraulic motor. D. Johnston. 2,128,048; Aug. 23.
- Hydraulic motor. R. C. Lamond. 2,125,452; Aug. 2.
- Hydraulic motor. T. Seifer. 2,129,104; Sept. 6.
- Hydraulic operation and control of machine tools. R. D. Shaw. 2,108,025; Feb. 8.
- Hydraulic press. H. G. V. Sentance and G. A. V. Russell. 2,132,974; Oct. 11.
- Hydraulic pump. E. M. Pfauiser. 2,138,194; Nov. 29.
- Hydraulic resistance device. J. Gogan. 2,139,817; Dec. 13.
- Hydraulic speed press. R. Tyler. 2,114,065; Apr. 12.
- Hydraulic steering gear. W. C. Dean. 2,105,473; Jan. 18.
- Hydraulic system control means. E. J. Latimer. 2,123,950; July 19.
- Hydraulic transmission gear. H. Föttinger. 2,116,461; May 3.
- Hydraulic transmission gear. G. Klepper. 2,128,828; Aug. 30.
- Hydraulic transmission mechanism. E. R. Gieniaszt. 2,122,938; July 5.
- Hydraulic transmission system. O. I. Gieniaszt. 2,139,065; Dec. 13.
- Hydraulic valve. A. M. Briggs. 2,114,760; Apr. 19.
- Hydraulically operated press, Four point. L. Patrick. 2,105,053; Jan. 11.
- Hydroaeroplane. F. C. Schenbucher. 2,109,320; Dec. 22.
- Hydrocarbon burner. B. V. Seabe. 2,121,771; Dec. 21.
- Hydrocarbon conversion process. F. W. Seaberg, Jr. 2,108,293; Feb. 15.
- Hydrocarbon conversion process. R. Young. 2,111,717; Mar. 22.
- Hydrocarbon deposits in the earth, Apparatus for locating. L. G. Howell. 2,112,815; Apr. 5.
- Hydrocarbon distillates, Treating. R. C. Orlanston. Re. 20,703; Apr. 19.
- Hydrocarbon distillates, Treating. R. K. Stratford. 2,127,654; Aug. 23.
- Hydrocarbon distillates, Treating. W. C. Ault and C. A. Hochwalt. 2,131,879; Oct. 4.
- Hydrocarbon fluid conversion process. M. P. Yauker. 2,132,153; Oct. 11.
- Hydrocarbon fluids, Heating. G. W. Watt. 2,108,294; Feb. 15.
- Hydrocarbon fluorescent product, Producing. J. B. Smith, S. R. Fausen, and H. W. Field. 2,106,767; Feb. 1.
- Hydrocarbon gases, Polymerizing. W. B. Plummer. Re. 20,950; Dec. 13.



- Hydrocarbon liquids, Fractionally distilling. M. P. Youker. 2,123,821; July 12.
- Hydrocarbon liquids from volatile hydrocarbon gases and vapors, Recovering. M. P. Youker. Re. 20,730; May 17.
- Hydrocarbon mixtures into constituent parts, Separation of. J. M. Whiteley. 2,119,871; June 7.
- Hydrocarbon mixtures into fractions, Separating. M. Landau. 2,135,009; Nov. 1.
- Hydrocarbon polymers, Manufacture of. H. W. Huyser and J. A. van Melsen. 2,133,732; Oct. 18.
- Hydrocarbon products, Cracking of liquid. M. Pier. and E. Donath. 2,119,350; May 31.
- Hydrocarbon separating apparatus. R. Young. 2,111,718; Mar. 22.
- Hydrocarbon vapor and air mixing device. L. T. Barnes. 2,134,021; Oct. 25.
- Hydrocarbon vapors with ammonium pentachlorodizincate, Contacting. F. E. Kimball. 2,121,169; June 21.
- Hydrocarbon vapors with zinc chloride, Treating. F. E. Kimball. 2,108,438; Feb. 15.
- Hydrocarbons and hydroxy-aromatic carboxylic acids, Production of hydroxy-aromatic. E. C. Britton. 2,126,610; Aug. 9.
- Hydrocarbons and making antiknock gasoline, Reconstituting and dehydrating heavier. C. Ellis. 2,137,275; Nov. 22.
- Hydrocarbons, Apparatus for converting. J. P. Furlong. 2,140,316; Dec. 13.
- Hydrocarbons, Apparatus for decolorizing or desulphurizing. J. M. Wadsworth. 2,107,354; Feb. 8.
- Hydrocarbons, Apparatus for the separation of saturated and unsaturated. C. Barbieri. 2,121,332; June 21.
- Hydrocarbons, Catalytic conversion of. E. J. Houdry. 2,136,382; Nov. 15.
- Hydrocarbons, Catalytic liquid phase oxidation of aromatic. J. R. Mares. 2,120,672; June 14.
- Hydrocarbons, Chemically refining. W. A. Patrick, Jr. 2,114,315; Apr. 19.
- Hydrocarbons containing diolefines, Polymerizing unsaturated. J. Hyman. 2,137,492; Nov. 22.
- Hydrocarbons, Conversion of. P. L. Cramer. 2,117,022; May 10.
- Hydrocarbons, Conversion of. J. P. Furlong. 2,129,269; Sept. 6.
- Hydrocarbons, Conversion of. A. V. Grosse. 2,124,566-7; July 26.
- Hydrocarbons, Conversion of. J. C. Morrell. 2,124,583; July 26.
- Hydrocarbons, Conversion of. J. C. Morrell. 2,124,585; July 26.
- Hydrocarbons, Conversion of. J. C. Morrell and A. V. Grosse. 2,124,584; July 26.
- Hydrocarbons, Conversion of. J. C. Morrell and A. V. Grosse. 2,124,586; July 26.
- Hydrocarbons, Conversion of. G. W. Robinson and G. Roberts, Jr. 2,118,822; May 31.
- Hydrocarbons, Conversion of. J. D. Seguy. 2,120,715; June 14.
- Hydrocarbons, Conversion of. V. Voorhees. 2,116,773; May 10.
- Hydrocarbons, Converting. F. E. Frey. 2,104,296; Jan. 4.
- Hydrocarbons, Converting. F. E. Frey. 2,138,541; Nov. 29.
- Hydrocarbons, Converting. H. C. Schutt. 2,117,457; May 17.
- Hydrocarbons, Cracking. C. B. Forward. 2,121,027; June 21.
- Hydrocarbons, Cracking. T. B. Kimball and O. G. Kaasa. 2,105,122; Jan. 11.
- Hydrocarbons, Dehydrogenation of. R. Rosen. 2,126,817; Aug. 16.
- Hydrocarbons, Dehydrogenation of paraffin. H. Tropsch. 2,122,736; July 5.
- Hydrocarbons from carbon monoxide and hydrogen, Producing. F. Martin, O. Roelen, and W. Feisst. 2,127,127; Aug. 16.
- Hydrocarbons from gaseous olefines, Production of liquid. T. Cross, Jr., and S. C. Fulton. 2,129,649; Sept. 13.
- Hydrocarbons from gaseous olefines, Production of liquid. S. C. Fulton and T. Cross, Jr. 2,129,732-3; Sept. 13.
- Hydrocarbons from hydrocarbon gases, Extracting and recovering volatile. H. E. Drennan. 2,117,548; May 17.
- Hydrocarbons in the vapor phase, Converting. M. W. Colony. 2,107,235; Feb. 1.
- Hydrocarbons in the vapor phase, Nitrating. R. H. Wilhelm. 2,109,873; Mar. 1.
- Hydrocarbons into liquid hydrocarbons, Converting gaseous. E. C. Mills. 2,139,969; Dec. 13.
- Hydrocarbons, Manufacture of gasolinelike. H. B. Cooke. 2,134,325; Oct. 25.
- Hydrocarbons, Manufacture of sulphurized. W. E. Forney. 2,109,692; Mar. 1.
- Hydrocarbons, more particularly crude benzole, crude benzene, and crack benzene, Purifying crude. K. Süsselbeck. 2,134,241; Oct. 25.
- Hydrocarbons, Nitration of aromatic. J. Meissner. 2,135,012; Nov. 1.
- Hydrocarbons, Partial oxidation of. J. H. James. 2,109,700; Mar. 1.
- Hydrocarbons, Polymerizing. W. N. Davis. 2,136,785; Nov. 15.
- Hydrocarbons, Preparation of brominated. H. S. Nutting and P. S. Petrie. 2,120,675; June 14.
- Hydrocarbons, Process and apparatus for stabilizing. E. G. Ragatz. 2,109,201; Feb. 22.
- Hydrocarbons, Production of valuable. M. Pier and W. Simon. 2,119,647; June 7.
- Hydrocarbons, Production of valuable. K. Winkler. 2,122,903; July 5.
- Hydrocarbons, Production of valuable. K. Winkler. 2,127,577; Aug. 23.
- Hydrocarbons, Production of valuable products from petroleum. R. Rosen and C. A. Cohen. 2,139,773; Dec. 13.
- Hydrocarbons, Purification of. G. Stern and W. Hoess. 2,104,956; Jan. 11.
- Hydrocarbons, Purifying chlorinated. F. Povenz and A. Rieche. 2,106,158; Jan. 25.
- Hydrocarbons, Pyrolysis of liquid. J. F. Donnelly. 2,114,416; Apr. 19.
- Hydrocarbons, Recovering. P. M. Raigorodsky. 2,138,218; Nov. 29.
- Hydrocarbons, Refining. W. A. Patrick, Jr. 2,114,313; Apr. 19.
- Hydrocarbons, Separation of. O. C. Brewster. 2,134,699-702; Nov. 1.
- Hydrocarbons, Splitting of. M. Pier. 2,113,162; Apr. 5.
- Hydrocarbons, Stabilizing chlorinated. W. Price. 2,108,390; Feb. 15.
- Hydrocarbons such as for the production of high grade, so-called anti-knock motor fuel, Cracking of. H. C. Fennrich. 2,111,223; Mar. 15.
- Hydrocarbons, Thermal decomposition of. J. D. Seguy. 2,114,544; Apr. 19.
- Hydrocarbons, Thermal treatment of. M. B. Cooke. 2,133,344; Oct. 18.
- Hydrocarbons to remove sulphur compounds, Treatment of. P. C. Keith, Jr. 2,134,518; Oct. 25.
- Hydrocarbons, Treating. W. G. Hiatt. 2,134,824; Nov. 1.
- Hydrocarbons, Treating. E. E. Stewart. Re. 20,740; May 24.
- Hydrocarbons, Treatment of. J. G. Alther. 2,105,515; Jan. 18.
- Hydrocarbons, Treatment of. G. V. Atwell. 2,118,288; May 24.
- Hydrocarbons, Treatment of. H. V. Atwell. 2,134,322; Oct. 25.
- Hydrocarbons, Treatment of. P. M. Biddison, M. R. Ryan, and C. R. Burke. 2,105,467; Jan. 18.
- Hydrocarbons, Treatment of. G. Egloff. 2,119,101; May 31.
- Hydrocarbons, Treatment of. V. Ipatieff and H. Pines. 2,112,846-7; Apr. 5.
- Hydrocarbons, Treatment of. V. Ipatieff and V. Komarevsky. 2,131,806; Oct. 4.
- Hydrocarbons, Treatment of. J. C. Morrell. 2,127,001; Aug. 16.
- Hydrocarbons, Treatment of. R. H. Price and V. Voorhees. 2,119,401; May 31.
- Hydrocarbons, Treatment of. P. H. Sullivan. 2,125,233; July 26.
- Hydrocarbons, Treatment of. P. H. Sullivan. 2,137,825; Nov. 22.
- Hydrocarbons, Treatment of. C. C. Towne. 2,132,365; Oct. 4.
- Hydrocarbons, Treatment of paraffin. H. Tropsch. 2,122,787; July 5.
- Hydrocarbons, Treatment of paraffin. H. Tropsch. 2,122,790; July 5.
- Hydrocarbons, Vaporizing heavy liquid. E. C. Welborn and H. J. Smith. 2,122,705; July 5.
- Hydrocarbons with alkali metals, Reacting. N. D. Scott. 2,119,493; May 31.
- Hydrocarbons with alkali metals, Reacting. J. F. Walker. 2,108,277; Feb. 15.
- Hydrocarbons with chromylchloride, Treatment of. E. Terres, E. Saegbarth, and J. Moos. 2,118,772; May 24.
- Hydrodynamic brake. R. G. De La Mater. 2,126,751; Aug. 16.
- Hydrodynamic fluid coupling. F. Kugel. 2,127,738; Aug. 23.
- Hydrofluoric acid composition. C. F. Swinehart. 2,118,386; May 24.
- Hydrofuramide to furfurylamine, Hydrogenation of. C. Sly. 2,112,715; Mar. 29.
- Hydrogel and making it, Aluminum hydroxide. C. W. Sondern and C. J. W. Wiegand. 2,137,638; Nov. 22.
- Hydrogen chloride, Production of. S. G. Osborne. 2,126,803; Aug. 16.
- Hydrogen cyanide, Production of. L. Andrussov. 2,105,831; Jan. 18.
- Hydrogen peroxide from persalts, Making. H. Schmidt. 2,133,210; Oct. 11.
- Hydrogen peroxide, Manufacture of. E. C. Soule. Re. 20,769; June 21.
- Hydrogen peroxide preparation, Stabilized solid. A. Rieche. 2,120,430; June 14.
- Hydrogen peroxide, Vacuum distillation of. J. Mercier. 2,124,257; July 19.
- Hydrogen, Producing. R. Williams. 2,119,565-6; June 7.
- Hydrogen, Production of. D. C. Bardwell. 2,116,993; May 10.
- Hydrogen, Production of. D. C. Bardwell and F. Porter. 2,135,693-4; Nov. 8.



- Hydrogen sulphide, Production of. B. M. Carter. 2,123,000; July 5.
- Hydrogenated products. N. D. Scott and J. F. Walker. 2,108,213; Feb. 15.
- Hydrogenation. R. Pyzel. 2,138,881; Dec. 6.
- Hydrogenation of phenol-ketone condensation products. R. E. Thomas. 2,118,954; May 31.
- Hydrohalides of alkyl esters of iso-quinoline alkaloids, Production of. C. R. Addinall and R. T. Major. 2,104,726; Jan. 11.
- Hydrolysis of cellulose esters. C. J. Malm. 2,105,252; Jan. 11.
- Hydromechanical motor. H. F. MacMillin. 2,105,251; Jan. 11.
- Hydromechanical press. H. F. MacMillin and D. C. Youngblood. 2,113,115; Apr. 5.
- Hydro-metallurgy. A. M. Thomsen. 2,111,951; Mar. 22.
- Hydrometer. S. S. McClure. 2,127,065; Aug. 16.
- Hydrometer. H. W. Mitchell. 2,110,450; Mar. 8.
- Hydrometer. R. A. Wittmann. 2,119,977; June 7.
- Hydrometer barrel plug. J. Z. Hoyer. 2,117,170; May 10.
- Hydrometer, Indicating. R. H. Hill. 2,129,617; Sept. 6.
- Hydrometer, Syringe. P. Peterson. 2,124,080; July 19.
- Hydropneumatic brake. B. S. Aikman. 2,115,547; Apr. 26.
- Hydroquinone from quinone, Preparation of. K. Kleimn-hagen. 2,129,429; Sept. 6.
- Hydrostatic brake. C. Sauzedde. 2,117,683; May 17.
- Hydrosulphides, Oxidizing. W. H. Shiffler and M. M. Holm. 2,135,879; Nov. 8.
- Hydroxyalkylamino compounds. F. Meyer and E. Ach-reiber, née Stege. 2,141,843; Dec. 27.
- Hydroxy benzenoid compounds and tetravalent sulphur compounds against metal catalysts, Stabilization of. M. S. Kharasch. 2,130,322; Sept. 13.
- Hydroxy compounds, Heterocyclic. E. Herdieckerhoff and E. Tschunkur. 2,108,712; Feb. 15.
- Hydroxy compounds of the cyclopentano polyhydro phen-anthrene series, Separation of. W. Schoeller, A. Serini, M. Gehrke, H. Priewe, L. Strassberger, and W. Loge-mann. 2,119,515; June 7.
- Hydroxy compounds, Preparation of halogenated organic. S. L. Langedijk. 2,106,353; Jan. 25.
- Hydroxy compounds, Production of partially hydrogenated. C. Schuster and H. Krzikalla. 2,132,193; Oct. 4.
- Hydroxy-ethoxy derivatives of 2-phenyl-quinoline-4-carboxylic acid and making same. P. Diedrich. 2,138,628; Nov. 29.
- Hydroxyhydroquinone, Preparing. F. R. Bean. 2,118,141; May 24.
- Hydroxyphenylamino-anthracene and making same. E. Dür. 2,141,687; Dec. 27.
- Hygrometer. R. A. Needham. 2,138,707; Nov. 29.
- Hygrometer. J. De Rayville. 2,131,554; Sept. 27.
- Hygrometer. D. P. Wickersham and K. O. Waldvogel. 2,134,167; Oct. 25.
- Hygrometer, Direct reading. J. C. Barnes. 2,113,072; Apr. 5.
- Hygrometer, Thermocouple. F. Kahn and E. R. Wayne. 2,128,462; Aug. 30.
- Hypochlorite composition. P. R. Hershman. 2,121,501; June 21.
- Hysteresis compensated pressure measuring device. J.-L. Reutter. 2,140,765; Dec. 20.
- Ice and dry ice refrigeration system, Water. A. J. Cordrey. 2,109,310; Feb. 22.
- Ice blocks, Making dry. J. Kobold. 2,127,300; Aug. 16.
- Ice carrier. B. C. Hosseikus. 2,139,895; Dec. 13.
- Ice converter, Dry. P. C. McAbee. 2,133,461; Oct. 18.
- Ice cream cabinet. W. D. Jordan and P. D. Van Vleet. 2,122,744; July 5.
- Ice cream cone. J. Balton. 2,114,205; Apr. 12.
- Ice cream enrober. R. Ingham. 2,125,112; July 26.
- Ice cream making attachment for mechanical refrigera-tors. R. D. Lacey. 2,122,817; July 5.
- Ice cream, Preparing and serving. G. W. Cocks. 2,109,102; Feb. 22.
- Ice creeper, Adjustable. A. Oetterer. 2,107,617; Feb. 8.
- Ice cube freezing device. J. W. Toyne. 2,132,248; Oct. 4.
- Ice cube machine. R. R. Smith. 2,113,631; Apr. 12.
- Ice cube releasing means. W. M. De Witt. 2,115,944; May 3.
- Ice cuber. W. J. La Casse. 2,127,262; Aug. 16.
- Ice cuber. B. C. Winn. 2,112,820; Mar. 29.
- Ice cubes, Apparatus for handling. L. G. Copeman. 2,113,014; Apr. 5.
- Ice cubing machine. C. Buffehr. 2,129,116; Sept. 6.
- Ice cutter. A. C. Zimmerman. 2,137,476; Nov. 22.
- Ice fishing apparatus. E. Paquette. 2,136,864; Nov. 15.
- Ice fishing tip up. L. E. Goodwin. 2,137,771; Nov. 22.
- Ice formation, Detecting. T. M. Shaw and L. T. Alexander. 2,133,483; Oct. 18.
- Ice formation, Prevention of. E. A. Driscoll. 2,137,394; Nov. 22.
- Ice formation, System for preventing detrimental. A. Swan and W. Helmore. Re. 20,775; June 28.
- Ice making apparatus. R. Wussow and P. W. Fechner. 2,133,521; Oct. 18.
- Ice making method and apparatus. T. R. Gilliam. 2,117,658; May 17.
- Ice, Manufacture of carbon dioxide. D. Eastman. 2,138,768; Nov. 29.
- Ice pack. J. D. Bates. 2,120,013; June 7.
- Ice product and making the same. K. T. Orrison. 2,118,796; May 24.
- Ice rack. M. Hokanson. 2,136,615; Nov. 15.
- Ice shaving machine. R. R. Smith. Re. 20,952; Dec. 20.
- Ice slinger. T. J. Davis. 2,114,557; Apr. 19.
- Ice tray rack. W. A. Bohannon and C. B. Gilbert. 2,112,263; Mar. 29.
- Ice tray supporting and releasing means. A. R. Con-stantine. 2,107,285; Feb. 8.
- Ice warning device. P. Leifheit. 2,127,823; Aug. 23.
- Ice/melter. P. G. Spilsbury. 2,111,251; Mar. 15.
- Identification and recording device. E. W. Davis and A. H. Maynard. 2,132,403; Oct. 11.
- Identification attachment for vehicles. W. M. Najder. 2,125,392; Aug. 2.
- Identification device, Child. T. W. Ransom. 2,125,052; July 26.
- Identification device for draft fittings. E. D. Studley. 2,111,228; Mar. 15.
- Identification device for keys. J. T. Stevenson. 2,138,309; Nov. 29.
- Identification device for motor vehicles and operators. V. S. Powell. 2,123,800; July 12.
- Idle course mechanism for straight knitting machines. Automatic. M. Zwicky and R. Anke. 2,132,200; Oct. 4.
- Idler, Self-training. R. C. Sollenberger. 2,132,052; Oct. 4.
- Idler, Self-training. R. C. Sollenberger and L. O. Carroll. 2,132,053; Oct. 4.
- Igniter assembly. H. V. Honn. 2,141,787; Dec. 27.
- Igniter for internal combustion engines. G. M. Paulson. 2,130,365; Sept. 20.
- Igniter, Fuse. H. C. Christ. 2,114,176; Apr. 12.
- Igniter, Gasless. E. Jones. 2,127,603; Aug. 23.
- Igniter, Pyrophoric. A. Dubsky. 2,105,072; Jan. 11.
- Igniting device for liquid fuel burners. M. A. Powers. 2,115,873; May 3.
- Ignition and priming compound. M. Palmieri. 2,132,996; Oct. 11.
- Ignition and starting system for automobiles. A. E. Doonan. 2,131,026; Sept. 27.
- Ignition apparatus. J. L. Arthur and D. L. Hittle. 2,125,367; Aug. 2.
- Ignition apparatus. J. L. Arthur. 2,132,092; Oct. 4.
- Ignition apparatus. V. A. Le Blanc. 2,107,302; Feb. 8.
- Ignition apparatus. E. B. Nowosielski. 2,109,029-30; Feb. 22.
- Ignition breaker. C. V. Chermendy. 2,106,721; Feb. 1.
- Ignition circuit. H. B. Holthouse. 2,117,422; May 17.
- Ignition coils, Method of and apparatus for testing. G. H. Allen. 2,135,269; Nov. 1.
- Ignition composition. L. A. Burrows, W. F. Filbert, and E. E. Reid. 2,105,635; Jan. 18.
- Ignition control apparatus. J. L. Arthur. 2,107,266; Feb. 8.
- Ignition composition. W. F. Filbert and W. E. Lawson. 2,118,501; May 24.
- Ignition device. D. L. Hittle. 2,115,462; Apr. 26.
- Ignition device. R. T. Hurley. 2,136,052; Nov. 8.
- Ignition device. J. A. and C. H. Rook. 2,129,239; Sept. 6.
- Ignition distributor. J. M. Crawford and H. A. Schwager. 2,107,470; Feb. 8.
- Ignition for internal combustion engines for aircraft, System of. H. E. W. West. 2,104,600; Jan. 4.
- Ignition in explosion chambers, Method and apparatus for controlling the. H. Holzwarth. 2,131,047; Sept. 27.
- Ignition magneto. U. Quintavalle. 2,131,523; Sept. 27.
- Ignition means for match packages, Antiaccidental. F. G. Steiner. 2,139,388; Dec. 6.
- Ignition mixtures for percussion caps of all kinds, small munitions, and primers. B. Zielinski. 2,111,710; Mar. 22.
- Ignition shielding. J. J. Mascuch. 2,105,791; Jan. 18.
- Ignition starter control. H. Schwarze. 2,121,671; June 21.
- Ignition switch off. R. E. Galloway. 2,110,125; Mar. 8.
- Ignition system. L. L. Henderson. 2,121,385; June 21.
- Ignition system. A. and E. L. R. Lysholm. 2,129,477; Sept. 6.
- Ignition system and sparking plug for internal combus-tion engines, Electric. W. E. Smith. 2,135,035; July 26.
- Ignition system, Electric. L. P. Knustad. 2,124,528; July 26.
- Ignition system for internal combustion engines. I. H. Scott. 2,131,018; Sept. 20.
- Ignition system, High tension. T. Tomoda. 2,129,475; Dec. 6.
- Ignition timer. J. L. Arthur and W. Thompson. 2,131,019; Sept. 27.
- Ignition timing control. D. Cole. 2,109,103; Feb. 22.
- Ignition timing control. E. H. Slope. 2,131,113; Sept. 27.
- Ignition, Sealed off. D. E. Marshall. 2,140,369; Dec. 13.
- Impolitol, Manufacture of. E. Bartow and W. W. Walker. 2,112,553; Mar. 29.
- Illuminated advertising sign. A. C. Skebay. 2,137,300; Nov. 22.
- Illuminated device, Decorative. A. L. Buschman. 2,115,548; Apr. 26.
- Illuminated display sign. G. F. Reed. 2,131,671; Sept. 27.



- Illuminated gauge. H. S. Baker and J. W. Motherwell. 2,137,972; Nov. 22.
- Illuminated globe mounting. R. R. Dupler. 2,127,249; Aug. 16.
- Illuminated sign. J. G. Best. 2,106,699; Feb. 1.
- Illuminated sign. H. C. Hammer. 2,106,891; Feb. 1.
- Illuminated sign. H. C. Hammer. 2,118,777; May 24.
- Illuminated sign. F. L. Kehl. 2,113,026; Apr. 5.
- Illuminated sign. G. W. Owen. 2,130,023; Sept. 13.
- Illuminated sign. W. B. Piper. 2,122,657; July 5.
- Illuminated sign. J. J. Shively. 2,118,385; May 24.
- Illuminated sign. C. E. Swanson. 2,135,859; Nov. 8.
- Illuminated sign. C. J. Wamser. 2,104,337; Jan. 4.
- Illuminated street sign. J. Melio. 2,131,917; Oct. 4.
- Illuminated switch. M. L. Bigman. 2,134,696; Nov. 1.
- Illuminating attachment for switch devices. M. L. Bigman. 2,134,695; Nov. 1.
- Illuminating device. E. S. Bissell. 2,117,135; May 10.
- Illuminating device. G. V. Downer. 2,112,147; Mar. 22.
- Illuminating device. J. P. Hobart. 2,125,635; Aug. 2.
- Illuminating device for bathroom scales. I. Dean. 2,107,888; Feb. 8.
- Illuminating device for microscopes. H. Heine. 2,130,493; Sept. 20.
- Illuminating device for swimmers. W. J. Orland. 2,115,744; May 3.
- Illuminating equipment. A. P. Ebrite. 2,123,408; July 12.
- Illuminating fixture. E. F. Guth. 2,125,440; Aug. 2.
- Illuminating means for indicating instruments. W. A. Reichel. 2,132,578; Oct. 11.
- Illuminating means for indicating instruments. G. V. Rylsky and S. Cerstvik. 2,130,367; Sept. 20.
- Illuminating means for projection apparatus. E. May. 2,117,737; May 17.
- Illumination. H. I. Day and H. D. Ellsworth. 2,139,732; Dec. 13.
- Illumination. E. F. Sibbert. 2,134,491; Oct. 25.
- Illumination control system. R. B. Hunter. 2,123,729; July 12.
- Illumination control system, Electric. R. B. Hunter. 2,128,361; Aug. 30.
- Illumination means for revolving doors. J. W. Shields. 2,136,323; Nov. 8.
- Illuminator for indicator dials. L. F. Carter. 2,131,471; Sept. 27.
- Illuminator, Operating-table. J. Geld. 2,114,664; Apr. 19.
- Illusion producing device. W. I. Le Fevre. 2,127,412; Aug. 16.
- Image dissector and electron beam analysis. R. E. Rutherford. 2,135,149; Nov. 1.
- Image forming device for automobiles. H. C. Schneider. 2,109,932; Mar. 1.
- Image producing device, Electro-optical. F. Gray. 2,141,746; Dec. 27.
- Image production using mirror helix, Multiple channel electro-optical. H. E. Ives. 2,107,153; Feb. 1.
- Image receiving tube. P. T. Farnsworth. 2,118,186; May 24.
- Image-suppression system. W. A. Schaper. 2,131,976; Oct. 4.
- Image transmission system. W. S. Lemmon and C. J. Fitch. 2,104,544; Jan. 4.
- Images at a distance, Reproducing optical. E. D. Phinney. 2,110,172; Mar. 8.
- Images, Coloring light-formed. L. J. Leishman. 2,109,540; Mar. 1.
- Images, Device for projecting enlarged. R. S. Hopkins. 2,110,484; Mar. 8.
- Images of polychromatic selection and projecting them to obtain an image in natural colors, Superposing partial. C. Bocca. Re. 20,748; June 7.
- Images on curved surfaces, Method and apparatus for reproducing. G. S. Rowell. 2,124,711; July 26.
- Images, Production of composite. L. Planksoy. 2,130,777; Sept. 20.
- Images, Reproducing. R. R. Tanner. 2,127,944; Aug. 23.
- Images, System of transmitting. J. W. McKay. 2,109,622; Mar. 1.
- Immersion apparatus for subaqueous leak testing of pneumatic tire tubes. H. Smith and G. C. Brentnall. 2,125,681; Nov. 8.
- Impact amalgamator. A. M. Goodloe and W. J. Kerns. 2,110,796; Mar. 8.
- Impact element actuating means. B. W. Snodgrass. 2,126,828; Aug. 16.
- Impact indicator for golf clubs. M. J. Plesch. 2,111,249; Mar. 15.
- Impact press. L. K. Davis. 2,132,148; Oct. 4.
- Impact testing machine. A. Sonntag. 2,139,527; Dec. 6.
- Impact wrench. F. H. Thomas. 2,128,761; Aug. 30.
- Impedance angles, Apparatus and method for determining. S. Bagno. 2,111,135; Mar. 15.
- Impedance attenuator, Constant. S. J. A. M. Bagno. 2,119,195; May 31.
- Impedance controlling apparatus. O. T. Handwerk. 2,123,725; July 12.
- Impeller and lining construction. G. G. Morse. 2,115,997; May 3.
- Impeller for washing machines. J. Whyte. 2,140,866; Dec. 20.
- Impeller, Rubber covered. G. A. H. Grierson. 2,120,277; June 14.
- Implement. J. C. Harkness. 2,134,942; Nov. 1.
- Implement attachment for tractors. W. S. Graham. 2,105,117; Jan. 11.
- Implement attachment for tractors. J. Morkovski. 2,123,555; July 12.
- Implement, Direct connect. R. H. Mitchell. 2,140,712; Dec. 20.
- Implement, Making a dietician's. W. Echternach. 2,117,876; May 17.
- Implement or article, Utility. E. C. Aldrich. 2,110,640; Mar. 8.
- Implement, Pocket. R. B. Miga. 2,110,999; Mar. 15.
- Implement retainer. E. H. Dickenson. 2,138,342; Nov. 29.
- Implement, Self-propelled. F. T. Irgens. 2,138,239; Nov. 29.
- Impregnating. J. E. Hoy and C. S. Harris. 2,135,127; Nov. 1.
- Impregnating process for electrolytic condensers. N. Schnoll. 2,120,816; June 14.
- Impregnation of metals with silicon. H. K. Ihrig. 2,109,485; Mar. 1.
- Impregnation solutions. B. O. Häger. 2,139,747; Dec. 13.
- Impression control for cutting and creasing presses. L. F. Remington. 2,104,527; Jan. 4.
- Impression making or printing means. M. Bayerdorffer. 2,125,877; Aug. 9.
- Impression mechanism, Coin-controlled. E. G. Watkins. 2,127,897; Aug. 23.
- Impression printing means, Multiple. W. E. Hamlin. 2,138,096; Nov. 29.
- Impressions, Mechanical process for making ready. F. K. Fleischhack. 2,108,707; Feb. 15.
- Impressions on a moving web, Viewing. A. J. Horton. 2,140,402; Dec. 13.
- Impressions on cylindrical surfaces, Controlling size of printed. G. A. Goessling. 2,133,920; Oct. 18.
- Imprinting apparatus. E. C. Wells. 2,112,942-3; Apr. 5.
- Impulse operated system employing glow discharge tubes. E. T. Burton. 2,118,156; May 24.
- Impulse repeater. G. C. Cummings and R. B. Hearn. 2,110,438; Mar. 8.
- Impulse repeater. F. S. Kinkad. 2,104,426; Jan. 4.
- Impulse repeater system, Polar. W. T. Powell. 2,124,848; July 26.
- Impulse repeating system, Polar. F. W. Brixner. 2,124,847; July 26.
- Impulse sender. F. Lill and B. Kudrna. 2,104,998; Jan. 11.
- Impulse transmitter. H. Hirschfeldt. 2,114,469; Apr. 19.
- Impulse transmitter. L. Kardorff. 2,107,988; Feb. 8.
- Impulse transmitter. A. H. Miller. 2,140,138; Dec. 13.
- Impulse transmitter. E. Shipton and O. D. Kennedy. 2,134,626; Oct. 25.
- Impulse transmitting system. C. W. Smith. 2,136,984; Nov. 15.
- Impulses, Method and apparatus for delaying electrical. J. P. Smith. 2,118,626; May 24.
- Impulses, Method of and arrangement for producing correcting. K. Schlesinger. 2,137,351; Nov. 22.
- Impulses, Recording. L. T. Sachtleben. 2,118,622; May 24.
- Impulsing device for use with grid-controlled rectifiers. H. A. Rose. 2,135,598; Nov. 8.
- Impurities from titanium sulphate solutions, Process and apparatus for the removal of. I. J. Krichma. 2,111,788; Mar. 22.
- Incandescent electric lamp. C. H. Braselton. 2,106,689; Jan. 25.
- Incandescent electric lamp. W. G. Grimes. 2,120,836; June 14.
- Incandescent lamp. H. E. Allen. 2,140,977; Dec. 20.
- Incandescent lamp. D. P. Gallagher. 2,104,556; Jan. 4.
- Incandescent lamp. W. O. Langille. 2,131,253; Sept. 27.
- Incandescent lamp. C. J. Martin. 2,127,226; Aug. 16.
- Incandescent lamp. V. J. Roper. 2,120,870; June 14.
- Incandescent lamp, Electric. E. Mickley. 2,121,641; June 21.
- Incandescent Nernst lamp. M. Parisi. 2,120,527; June 14.
- Incense burner. H. O. White, Jr. 2,131,460; Sept. 27.
- Inching machine. H. T. Wheeler. 2,120,304; June 14.
- Incineration. H. J. Hartley. 2,125,720; Aug. 2.
- Incineration. G. R. Lewers. 2,114,566; Apr. 19.
- Incineration. G. R. Lewers. 2,115,337; Apr. 26.
- Incineration. G. R. Lewers. 2,117,487; May 17.
- Incineration. G. R. Lewers. 2,118,208; May 24.
- Incineration. W. S. Martin. 2,136,451; Nov. 15.
- Incineration. W. Raisch. 2,107,127; Feb. 1.
- Incineration. W. Raisch. 2,110,309; Mar. 8.
- Incineration. W. Raisch. 2,122,491-2; July 5.
- Incineration. W. Raisch. 2,124,122; July 19.
- Incineration. W. Raisch. 2,125,737; Aug. 2.
- Incineration. W. Raisch. 2,128,431; Aug. 30.
- Incineration. W. Raisch. 2,128,472; Aug. 30.
- Incineration. W. Raisch. 2,138,120; Nov. 29.
- Incinerator. H. E. Nicol. 2,125,517; Aug. 2.
- Incinerator. M. L. Rose. 2,107,507; Feb. 8.
- Incinerator. J. H. Tarmant. 2,124,320; July 19.
- Incinerator. H. W. Thomas. 2,114,257; Apr. 12.



- Incinerator. A. C. Waterman. 2,121,514; June 21.  
 Incinerator, Traveling. F. J. Egan. 2,127,328; Aug. 16.  
 Inclination device for inclinable punch presses. F. Orton. 2,106,917; Feb. 1.  
 Inclinations, Apparatus for measuring. H. S. Davis. 2,139,444; Dec. 6.  
 Inclinator. J. Mozonchak. 2,111,673; Mar. 22.  
 Inclinator. B. M. Staunton. 2,128,506; Aug. 30.  
 Incrustation on heating surfaces during the concentration of sulphite-cellulose waste liquor, Preventing. W. Gensecke. 2,140,992; Dec. 20.  
 Incubator. J. E. Schlottmann. 2,111,336; Mar. 15.  
 Incubator. F. E. Stover. 2,130,043; Sept. 13.  
 Indanthrone compounds, Preparation of. W. Dettwyler. 2,126,456; Aug. 9.  
 Indazolones. J. Lee. 2,104,348; Jan. 4.  
 Index, Card. J. C. Williams. 2,137,826; Nov. 22.  
 Index clip. L. H. Goza. 2,118,043; May 24.  
 Index device. E. W. A. Peter. 2,115,537; Apr. 26.  
 Index head. M. Romaine. 2,137,462; Nov. 22.  
 Index mechanism. K. C. Allison. 2,115,245; Apr. 26.  
 Index mechanism. K. C. Allison and E. J. Mastney. 2,130,219; Sept. 13.  
 Index panel and card carrier combination, Card. G. C. Brainard. 2,124,904; July 26.  
 Index safety device. C. L. Ott and R. E. Price. 2,131,233; Sept. 27.  
 Index, Shoe fitting. H. V. S. Mott. 2,109,780; Mar. 1.  
 Index strip holder. G. J. Aigner. 2,125,264; Aug. 2.  
 Index, Visible card. J. W. Sheppard. 2,140,926; Dec. 20.  
 Indexing mechanism. A. H. Orcutt and R. J. Bullows. 2,134,234; Oct. 25.  
 Indexing mechanism. R. H. Pratt. 2,115,284; Apr. 26.  
 Indexing mechanism, Mechanical tabulator alphabetical. E. M. La Boiteaux. 2,133,865; Oct. 18.  
 Indexing station type machine. D. H. Montgomery and A. H. Jobert. 2,118,015; May 17.  
 Indexing work holder. F. W. Curtis. 2,141,263; Dec. 27.  
 Indicating and calculating system. A. J. McMaster. 2,123,142; July 5.  
 Indicating and control apparatus. H. C. Mattes. 2,106,152; Jan. 18.  
 Indicating and control apparatus. J. L. McWeeny. 2,117,441-2; May 17.  
 Indicating and control apparatus. D. H. Mitchell. 2,114,067; Apr. 12.  
 Indicating apparatus. J. Robinson. 2,122,622; July 5.  
 Indicating device. O. S. Beck. 2,132,923; Oct. 11.  
 Indicating device. G. K. C. Hardesty. 2,128,246; Aug. 30.  
 Indicating device. H. T. Lyman. 2,120,136; June 7.  
 Indicating device. W. T. Maybury. 2,111,795; Mar. 22.  
 Indicating device. C. F. Robbins. 2,122,539; July 5.  
 Indicating device. O. Siepke. 2,138,359; Nov. 29.  
 Indicating device for fuel feeding systems. R. W. Thomas. 2,126,355; Aug. 9.  
 Indicating device for indicating synchronous operations. C. K. Woodman. 2,118,483; May 24.  
 Indicating device for vehicle lights. G. W. Hipsley. 2,140,229; Dec. 13.  
 Indicating fuse plug. H. M. Muncheryan. 2,138,769; Nov. 29.  
 Indicating instrument. V. E. Carbonara. 2,127,807; Aug. 23.  
 Indicating instrument. G. P. Luckey and A. Soller. 2,124,072; July 19.  
 Indicating instrument. P. F. Weber. 2,137,194; Nov. 15.  
 Indicating instrument for navigation. T. E. Halpin. 2,138,422; Nov. 29.  
 Indicating means. V. J. Harris. 2,142,027; Dec. 27.  
 Indicating means and method for knitting or other machines. R. H. Lawson. 2,109,945; Mar. 1.  
 Indicating means for cameras. L. H. Moomaw. 2,121,887; July 26.  
 Indicating mechanism. C. I. McNeil. 2,135,106; Nov. 1.  
 Indicating, recording, and/or controlling apparatus. R. W. Ross and S. H. Seberhagen. 2,113,069; Apr. 5.  
 Indicating system for motion picture apparatus. L. R. Martin. 2,124,883; July 26.  
 Indicator: See—  
 Air condition indicator. Engine synchronizer indicator.  
 Automatic indicator. Flow and pressure indicator.  
 Battery condition indicator. Flow and pressure responsive indicator.  
 Book indicator. Fluid flow indicator.  
 Bridge score and contract indicator. Furnace temperature indicator.  
 Carrier and modulation indicator. Fuse indicator.  
 Color changing indicator. Game indicator.  
 Color key indicator. Gas discharge tuning indicator.  
 Current indicator. Gauge glass indicator.  
 Cut and fill slope indicator. Level indicator.  
 Defective light indicator. Liquid level indicator.  
 Destination indicator. Multiband indicator.  
 Dial test indicator. Nonrepeating indicator.  
 Direction indicator. Overload indicator.  
 Drum type indicator. Photographic film indicator.  
 Duplex balance indicator. Position indicator.  
 Electrical indicator. Pressure indicator.  
 Elevation and slope indicator.  
 Indicator. L. Brodton. 2,122,998; July 5.  
 Indicator. L. H. Davis. 2,105,639; Jan. 18.  
 Indicator. E. A. Korvec. 2,112,371; Mar. 29.  
 Indicator. F. C. La Mar. 2,128,418; Aug. 30.  
 Indicator. H. S. Lenhart. 2,116,075; May 3.  
 Indicator. J. Oram. 2,113,899; Apr. 12.  
 Indicator. A. G. Winters. 2,121,848; June 28.  
 Indicator and metering device. C. F. Terrell, Jr. 2,117,922; May 17.  
 Indicator and/or control device. Gear ratio. G. Constantinesco. 2,141,517; Dec. 27.  
 Indicator circuit. Electron ray tube. D. E. Foster and G. Mountjoy. 2,135,571; Nov. 8.  
 Indicator container. D. H. Zell. 2,105,065-6; Jan. 11.  
 Indicator device. O. R. Hartzell. 2,115,770; May 3.  
 Indicator device. H. Ilgen. 2,120,100; June 7.  
 Indicator for ascertaining conditions of the circulatory system, Visual. W. J. Cameron. 2,121,014; June 21.  
 Indicator for clothes wringers, Pressure. E. S. Cook. 2,125,887; Aug. 9.  
 Indicator for echo sounding apparatus, Visual. D. O. Sproule. 2,129,155; Sept. 6.  
 Indicator for guns, Independent elevation. J. C. Karnes. 2,116,519; May 10.  
 Indicator for rotatable elements, Control and position. F. G. Gillard. 2,137,684; Nov. 22.  
 Indicator for the double and triple modulation directive radio beacons, Course. F. W. Dunmore. 2,120,245; June 14.  
 Indicator for three-phase generators, Load. T. A. Rich. 2,106,064; Jan. 18.  
 Indicator for watercraft, Speed. J. C. Clason. 2,105,311; Jan. 11.  
 Indicator knob and adapter, Faucet. F. C. Fisher. 2,112,017; Mar. 22.  
 Indicator mechanism. A. C. Grunwald. 2,127,356; Aug. 16.  
 Indicator of detonations for internal combustion engines. M. Y. A. Serruys. 2,141,416; Dec. 27.  
 Indicator or regulator, Remote. C. H. Smoot. Re. 20,695; Apr. 12.  
 India, Apparatus for displaying informational. R. P. Ross. 2,130,966; Sept. 20.  
 India projection for radios. J. L. McWeeny. 2,112,111; Mar. 22.  
 Indoor clothesline fastener. E. P. Bailey. 2,140,663; Dec. 20.  
 Inducance device. E. Peterson. 2,130,508; Sept. 20.  
 Inducance device, Variable. A. Weiss. 2,141,890; Dec. 27.  
 Induction motor. A. Nyman. 2,121,550; June 21.  
 Induction system. E. O. Schjollin. 2,133,578; Oct. 18.  
 Induction with hour meter. W. H. Pratt. 2,115,889; Apr. 26.  
 Inductive device. R. M. Greenidge. 2,140,154; Dec. 13.  
 Inductor, Adjustable tuning. N. M. Rust and R. F. O'Neill. 2,115,882; May 3.  
 Inductor dynamo-electric machine. A. Fisher. 2,108,602; Feb. 15.  
 Inductor, Variable. H. L. Cobb. 2,137,292; Nov. 22.  
 Inertia switch. R. Erich. 2,115,948; May 3.  
 Inertia switch. R. Erich. 2,137,395; Nov. 22.  
 Infant trainer. C. G. Carlson. 2,137,030; Aug. 16.  
 Inflatable ball. D. Levinson. 2,113,167; Apr. 5.  
 Inflated hat block. G. E. Wilhelm. 2,129,720; Sept. 12.  
 Inflating and closure means for pneumatic tires. T. E. Adams. 2,136,929; Nov. 15.  
 Inflation for milking machine cups. H. A. Greene. 2,120,556; June 14.  
 Infrared generator. R. Rompe. 2,116,689; May 10.  
 Infusion apparatus. H. Goldstein. 2,124,293; July 19.  
 Infusions of coffee and other material, Apparatus for making. H. D. Harper. 2,112,556; Mar. 22.  
 Ingot mold. A. H. Jung. 2,139,191; Dec. 6.  
 Ingot mold. G. Ramsey. 2,138,121; Nov. 29.  
 Ingot steel. H. Feltus. 2,134,970; Nov. 1.  
 Inserts from molds, Apparatus for stripping. E. Gathmann. 2,117,311; May 17.  
 Inserts of cruciform cross-section, Coring, dividing, and condensing. L. I. Chabak. 2,145,893; May 3.  
 Inhalant. E. O. Taylor and H. M. Meeker. 2,134,163; Oct. 25.  
 Inhaler. W. C. and M. F. Eise. 2,136,085; Nov. 8.  
 Inhaler. S. G. Catt. 2,123,233; July 12.  
 Inhaler. P. J. Clifford. 2,140,952; Dec. 20.  
 Inhaler. J. A. Headbark. 2,134,699; Oct. 18.  
 Inhaler. P. J. Wines. 2,111,654; Mar. 22.  
 Inhaling apparatus. M. Hausmann. 2,123,334; July 12.



- Inhaling equipment. C. E. P. Gourdou. 2,117,952; May 17.
- Inhibitor. P. L. Salzberg. 2,111,227; Mar. 15.
- Inhibitor for chlorinated solvents. S. M. Stoesser and F. N. Alquist. 2,111,253; Mar. 15.
- Inhibitors, Treatment of. J. C. Morrell. 2,123,540-2; July 12.
- Initiator. G. A. Noddin. 2,125,356; Aug. 2.
- Injecting mechanism. A. C. Boyd. 2,106,789; Feb. 1.
- Injection engine. H. Fischer. 2,113,881; Apr. 12.
- Injection engine. H. Fischer. 2,119,781; June 7.
- Injection fuel pump. D. B. Green. 2,128,140; Aug. 23.
- Injection instrument. R. T. Woodyatt. 2,117,469; May 17.
- Injector. V. G. Klein. 2,122,177; June 28.
- Injector. P. L. Scott. 2,140,600; Dec. 20.
- Injector. A. Williams, J. E. Mourne, and E. Henkel. 2,129,515; Sept. 6.
- Injector, Exhaust-gas. D. Collins. 2,119,268; May 31.
- Injector for internal combustion engines, Colloidal carbon. N. D. Loughlin. 2,112,538; Mar. 29.
- Injector overflow mechanism. B. E. Folke. 2,131,871; Oct. 4.
- Ink. W. H. Shields. 2,137,463; Nov. 22.
- Ink, Apparatus for setting printing. F. J. Jeuck. 2,129,277; Sept. 6.
- Ink composition. S. A. Neidich. 2,139,092; Dec. 6.
- Ink compositions. E. Schwaab. 2,135,735; Nov. 8.
- Ink distribution in printing machines. J. O. Crabtree. 2,109,768; Mar. 1.
- Ink drier and producing the same, Substantially insoluble. A. Minich. 2,116,321; May 3.
- Ink drying means for stock quotation projecting machines. A. D. Eltzen. 2,108,052; Feb. 15.
- Ink fountain. H. A. W. Wood. 2,120,845; June 14.
- Ink fountain construction for use in printing presses. G. A. Friess. 2,112,459; Mar. 29.
- Ink fountain, Printing press portable. H. Wedemeyer. 2,130,659; Sept. 20.
- Ink in printing presses, Apparatus for supplying. T. Padula. 2,115,081; Apr. 26.
- Ink, Intaglio printing. W. W. Mock. 2,139,242; Dec. 6.
- Ink-marking and perforating machine, Combined. A. W. Altwater. 2,126,861; Aug. 16.
- Ink-marking and perforating machine, Combined. A. W. Altwater and F. Wunder. 2,124,870; July 26.
- Ink, Method and apparatus for drying printing. R. Helmer. 2,127,956; Aug. 23.
- Ink mill. C. R. Rechin and R. Jantsch. 2,107,214; Feb. 1.
- Ink motion. H. A. W. Wood. 2,127,455; Aug. 16.
- Ink pad. C. H. Bright. 2,132,719; Oct. 11.
- Ink, Printing. R. A. Crawford. 2,120,393; June 14.
- Ink, Printing. J. G. Curado. 2,120,588; June 14.
- Ink, Printing. A. E. Gessler. 2,128,672; Aug. 30.
- Ink, Printing. C. F. P. Millar. 2,125,683; Aug. 2.
- Ink-printing capacities of printing elements, Determining. W. C. Huebner. 2,111,068; Mar. 15.
- Ink stamp pad. W. Zareko. 2,117,470; May 17.
- Inkstand. F. M. Ashley. 2,115,697; May 3.
- Inkstand. F. M. Ashley. 2,119,307-8; May 31.
- Inkstand. H. E. Rhinehalt. 2,140,057; Dec. 13.
- Ink to ink transfer members, Supplying. G. E. Pelton and E. L. Jester. 2,104,469; Jan. 4.
- Inkwell. A. S. A. de Melo. 2,129,409; Sept. 6.
- Inked impressions, Method and apparatus for drying. E. M. Richardson. 2,113,770; Apr. 12.
- Inking apparatus. A. Schlesinger. 2,123,476; July 12.
- Inking apparatus and method of supplying ink to dielectric body. A. L. Pugh, Jr. 2,126,810; Aug. 16.
- Inking device. D. Hoppenstand. 2,104,396; Jan. 4.
- Inking device. G. N. Wetzel. 2,141,073; Dec. 20.
- Inking device for marking machines. C. F. Robbins and C. H. Cheeseman. 2,132,495; Oct. 11.
- Inking machine for typewriter ribbons and the like, with uninked portions, Automatie. P. Mannino. 2,128,098; Aug. 23.
- Inking mechanism. C. W. Harrold and C. G. Horton. 2,128,360; Aug. 30.
- Inking mechanism and method for printing machines. A. J. Horton. 2,106,029; Jan. 18.
- Inking mechanism for marking machines. F. Kohnle. 2,120,936; June 14.
- Inking mechanism for printing machines. W. F. Huck. 2,120,978; June 21.
- Inking mechanism for printing machines. F. Lamatsch. 2,115,734; May 3.
- Inking mechanism for printing machines. F. Lamatsch. 2,141,607; Dec. 27.
- Inking mechanism for printing rolls. J. L. Blackley. 2,140,950; Dec. 20.
- Inking mechanism for rotary intaglio printing machines. A. Weiss. 2,133,881; Oct. 18.
- Inks, Making safety. A. A. Wittnebel. 2,116,374; May 3.
- Inks, Printing. A. A. Harrison and S. H. Oakeshott. 2,132,468; Oct. 11.
- Inlaid knitted fabric. H. Fleisher. 2,123,847; July 12.
- Inner piston ring. H. P. Phillips. 2,113,857; Apr. 12.
- Inner tube. R. S. Taylor, P. M. Torrance, and R. H. Anderson. 2,120,379; June 14.
- Input loading characteristics of class B amplifiers. P. H. Osborn and L. R. Harness. 2,140,370; Dec. 13.
- Inseam measuring device. L. R. Shulman and H. C. Jarvis. 2,112,928; Apr. 5.
- Inseam measuring device. L. R. Shulman, H. C. Jarvis, W. S. Thomason, C. M. O'Brien, and T. J. Schreiber. 2,112,929; Apr. 5.
- Inseam measuring device. J. Turpan. 2,104,175; Jan. 4.
- Inseam trimming device. T. J. Cuthbert. 2,122,737; July 5.
- Inseam trimming machine. E. Quinn. 2,107,502; Feb. 8.
- Insect catcher with catching grid under electric tension. H. Kriwat and W. Klages. 2,132,371; Oct. 4.
- Insect electrocutor device. W. A. Whipple. 2,123,127; July 5.
- Insect electrocutor. L. T. Jones and J. K. Ellsworth. 2,106,528; Jan. 25.
- Insect excluder. E. E. Hewitt. 2,106,485; Jan. 25.
- Insect extermination. M. E. Hummel and R. W. Whitaker. 2,114,494; Apr. 19.
- Insect exterminator. R. Hunt. 2,109,642; Mar. 1.
- Insect exterminator. H. J. Nederman. 2,113,548; Apr. 5.
- Insect exterminator. G. H. Slaughter. 2,130,041; Sept. 13.
- Insect exterminator, sterilizer, and drier. M. M. Hamrick and F. B. Spence. 2,117,419; May 17.
- Insect shields for automobiles. L. B. Jones. 2,104,655; Jan. 4.
- Insect trap. H. L. Niemeyer. 2,113,409; Apr. 5.
- Insect trap. S. Pastor. 2,122,487; July 5.
- Insect trapping and exterminating device. L. J. Allen. 2,116,092; May 3.
- Insecticidal composition. E. Rotheim. 2,128,433; Aug. 30.
- Insecticidal composition. R. L. Sibley. 2,138,516; Nov. 29.
- Insecticidal compositions. L. E. Mills. 2,121,038; June 21.
- Insecticidal compositions comprising dinitro-cresols. L. E. Mills. 2,121,039; June 21.
- Insecticidal, fungicidal, disinfectant material. L. C. Heckert and C. H. Peet. 2,124,400; July 19.
- Insecticide. A. L. Blount. 2,132,013; Oct. 4.
- Insecticide. W. F. Hester. 2,134,556; Oct. 25.
- Insecticide. L. B. Kilgore. 2,107,298; Feb. 8.
- Insecticide. W. Moore and R. B. Arnold. 2,110,608; Mar. 8.
- Insecticide. C. C. Plummer. 2,138,557; Nov. 29.
- Insecticide. A. Rieche, H. Maier-Bode, and W. Eckardt. 2,129,025; Sept. 6.
- Insecticide. W. G. Rose and H. L. J. Haller. 2,140,481; Dec. 13.
- Insecticide. L. E. Smith. 2,115,046; Apr. 26.
- Insecticide. L. E. Smith. 2,127,090; Aug. 16.
- Insecticide. D. L. Vivian and H. L. J. Haller. 2,110,614; Mar. 8.
- Insecticide. D. L. Vivian and H. L. J. Haller. 2,110,896-7; Mar. 15.
- Insecticide. D. L. Vivian and H. L. J. Haller. 2,111,879; Mar. 22.
- Insecticide and fungicide. F. E. Dearborn. 2,127,380; Aug. 16.
- Insecticide and fungicide, Active. W. C. O'Kane. 2,127,526; Aug. 23.
- Insecticide and making same, Tobacco. W. H. Volck. 2,139,340; Dec. 6.
- Insecticide and making same. J. F. Les Veaux. 2,123,190-1; July 12.
- Insecticide and making same. H. Schotte and K. Görnitz. 2,136,868; Nov. 15.
- Insecticide composition. D. F. Murphy. 2,135,987; Nov. 8.
- Insecticide, Making. J. F. Les Veaux. 2,123,192; July 12.
- Insecticide, Making an. L. N. Markwood. 2,107,058; Feb. 1.
- Insecticide spray. W. C. O'Kane. 2,104,757; Jan. 11.
- Insecticide spraying apparatus. G. Hettinger. 2,113,985; Apr. 12.
- Insecticides. C. B. Gnadinger. 2,105,727; Jan. 18.
- Insecticides. A. L. Smith and R. D. Curtis. 2,115,933; May 3.
- Insecticides and spray oils. U. B. Bray. 2,111,581; Mar. 22.
- Insects, Combating. K. Brodersen and M. Quaadvlieg. 2,134,504; Oct. 25.
- Insert for converting piston-valve engines into poppet-valve engines. H. J. Lentz. 2,136,013; Nov. 8.
- Insertable joint. J. R. De Hart. 2,126,542; Aug. 9.
- Inserted blade cutter. F. P. Miller. 2,128,571; Aug. 30.
- Insertor for diaphragm. P. L. Clark. 2,133,079; Oct. 11.
- Inside casing cutter. R. W. Barrett. 2,117,594; May 17.
- Inside casing cutter. G. W. Bowen. 2,117,599; May 17.
- Inside casing cutter. C. P. Wilson. 2,117,050; May 10.
- Insole. F. S. Mees. 2,104,133; Jan. 4.
- Insole. R. W. Shaw. 2,106,508; Jan. 25.
- Insole and making same. I. F. Damon. 2,138,227; Nov. 29.
- Insole and making same. H. E. Wagner. 2,121,938; June 28.
- Insole and making the same. J. P. Fredericksen. 2,131,838; Oct. 4.
- Insole arch support. E. Steiner. 2,105,381; Jan. 11.
- Insole blank and making insoles therefrom. A. C. Sewall. 2,130,968; Sept. 20.
- Insole for shoes, Corrective. G. E. Musebeck. 2,109,706; Mar. 1.



- Insole, Orthopedic. C. T. Anderson. 2,123,481; July 12.
- Insole, Ventilating. G. E. Smith. 2,122,497; July 5.
- Insoles, Lasting skeleton. F. Maccarone. 2,141,998; Dec. 27.
- Inspection means. L. J. Molloy and L. K. Morrison. 2,112,924; Apr. 5.
- Instruction device for time telling. W. C. Dorr and J. R. Putnam. 2,137,646; Nov. 22.
- Instrument carrier. C. M. Potter. 2,122,697; July 5.
- Instrument for curling the lashes of an eye. F. Zajicek. 2,109,244; Feb. 22.
- Instrument for indicating navigational factors. J. M. Boykow. 2,109,283; Feb. 22.
- Instrument for measuring elongation. O. Dietrich. 2,119,076; May 31.
- Instrument for measuring ultra-violet light. E. D. Wilson. 2,128,110; Aug. 23.
- Instrument for testing or utilizing very high voltages. G. Keinath and L. Merz. 2,127,364; Aug. 16.
- Instrument mounting. D. O. Lybrand. 2,139,905; Dec. 6.
- Instrument of precision. F. Vancura. 2,124,358; July 19.
- Instrument supporting device. E. S. Whittier. 2,117,012; May 10.
- Insulator. F. G. McGaw. 2,120,762; June 14.
- Insulated cable. H. Rost. 2,123,746; July 12.
- Insulated electric conductor. R. D. Green. 2,132,235; Oct. 4.
- Insulated electrical cable. J. W. Greenleaf. 2,120,095; June 7.
- Insulated structure. L. E. Gaenzle. 2,127,111; Aug. 16.
- Insulating and sealing means for evacuated devices. E. J. Remscheid. 2,134,578; Oct. 25.
- Insulating and sound proofing material and producing same. R. D. Snow and H. J. Hepp. 2,105,511; Jan. 18.
- Insulating arrangement for antennas. W. S. Duttera. 2,126,543; Aug. 9.
- Insulating band for electrical machines and apparatus. P. Nowak. 2,119,400; May 31.
- Insulating board, Acoustical and fire resistant composition fiber. C. Batcheller. 2,140,195; Dec. 13.
- Insulating composition. E. F. Mees. 2,106,617; Jan. 25.
- Insulating composition, Liquid. F. M. Clark. 2,105,406-7; Jan. 11.
- Insulating composition, Thermal. W. L. Stafford. 2,120,431; June 14.
- Insulating compositions. H. E. Martin. 2,133,301; Oct. 18.
- Insulating compound. H. F. Ormerod. 2,114,028; Apr. 12.
- Insulating cover. R. Dewar and W. T. Sanford. 2,131,937; Oct. 4.
- Insulating device for high tension constructions. C. A. Booker and A. E. Hill. 2,113,673; Apr. 12.
- Insulating, heat resisting and similar articles, and manufacturing the same. G. Delpech and R. Lambert. 2,136,877; Nov. 15.
- Insulating material. F. R. Leslie. 2,108,682; Feb. 15.
- Insulating material. C. L. Norton. 2,110,470; Mar. 8.
- Insulating member for electric heating elements. E. Challet. 2,121,283; June 21.
- Insulating package. R. T. Walker. 2,123,869; July 19.
- Insulating panel and closure. B. E. Clatworthy. 2,132,098; Oct. 4.
- Insulating structure. J. J. Garrison and S. Shuko. 2,131,620; Sept. 27.
- Insulating structure for vehicle floors, Thermal. C. D. Wallach. 2,137,322; Nov. 22.
- Insulating substances by spark discharges, Perforation of. F. König. 2,141,869; Dec. 27.
- Insulating unit. D. R. Seaman. 2,116,771; May 10.
- Insulating unit, Making a thermal. E. R. Powell. 2,114,353; Apr. 19.
- Insulation. R. W. McLaughlin, Jr. 2,113,068; Apr. 5.
- Insulation. S. E. Torstensson. 2,128,336; Aug. 30.
- Insulation and ventilating structure for motor vehicles, Thermal. C. D. Wallach. 2,137,323; Nov. 22.
- Insulation applying machine. J. T. McCaffrey. 2,111,457; Mar. 15.
- Insulation, Automotive vehicle dash heat and sound. W. N. Mayo. 2,111,219; Mar. 15.
- Insulation, Electrical. M. M. Safford. 2,118,017; May 17.
- Insulation, Heating thermal. R. Doezekal. 2,110,660; Mar. 8.
- Insulation, Low temperature. G. Slayer. 2,134,009; Oct. 25.
- Insulation, Making tubular. H. D. Isenberg. 2,133,620; Oct. 18.
- Insulation material, Electrical. C. F. Obermaier. 2,107,901; Feb. 8.
- Insulation material, Manufacture of. J. C. Kershaw. 2,130,094; Sept. 13.
- Insulation, Refrigerated. J. M. Ross. 2,138,885; Dec. 6.
- Insulation testing equipment, Portable. T. R. Watts and J. H. Frakes. 2,130,805; Sept. 20.
- Insulator. R. C. Dehnelt. 2,138,571; Nov. 29.
- Insulator. J. C. Hostetter and J. T. Littleton. 2,133,768; Oct. 18.
- Insulator. J. T. Littleton. 2,118,795; May 24.
- Insulator. J. J. Taylor. 2,135,332; Nov. 1.
- Insulator and hanger for same. C. H. Shaw. 2,123,122; July 5.
- Insulator and making the same, Ceramic. L. R. Shardlow. 2,108,513; Feb. 15.
- Insulator bracket. A. T. Flower. 2,105,112; Jan. 11.
- Insulator cap. L. Ward. 2,117,381; May 17.
- Insulator, Flux distributing. K. A. Hawley. 2,128,817; Aug. 30.
- Insulator for trolley systems, Section. L. C. Spencer. 2,137,067; Nov. 15.
- Insulator heads, Manufacture of. G. C. Neck. 2,106,647; Jan. 25.
- Insulator, Heat. M. M. Webster and J. L. Finck. 2,127,636; Aug. 23.
- Insulator, Spark plug. T. G. McDougal, A. H. Fessler, and K. Schwartzwalder. 2,120,338; June 14.
- Insulator stack, Switch and bus. R. L. McCoy. 2,106,616; Jan. 25.
- Insulator, Suspension. J. J. Taylor and F. G. Bovard. 2,135,359; Nov. 1.
- Insulator with magnetic blow-outs, Section. C. C. Whitaker. 2,117,867; May 17.
- Insulators, Assembling electric. O. G. Calland. 2,135,326; Nov. 1.
- Insulin bottle holder. J. A. O'Neill. 2,122,722; July 5.
- Insulin preparation. F. E. Bischoff. 2,121,900; June 28.
- Intaglio printing machine. J. Barash. 2,116,874; May 10.
- Intaglio printing press. H. J. Luehrs. 2,129,698-9; Sept. 13.
- Intake and mixing device. F. Reid. 2,119,927; June 7.
- Intake manifold system for internal combustion engines. O. C. Funderburk. 2,119,707; June 7.
- Integration indicating circuit. F. H. Shepard, Jr. 2,139,474; Dec. 6.
- Integrator mechanism for measuring instruments. T. R. Harrison. 2,121,082; June 21.
- Intelligence, Transmission and reception of. S. G. Frantz and B. S. McCutchen. 2,130,421; Sept. 20.
- Interchangeable sign. W. I. Henry. 2,106,375; Jan. 25.
- Interchangeable sign. R. J. Shaw and J. R. Slavsky. 2,140,033; Dec. 13.
- Interchangeable sign. M. A. Sorensen. 2,120,418; June 14.
- Interchangeable sign. C. J. Wamser. 2,113,285; Apr. 5.
- Interchanging sign. S. M. Brown. 2,139,149; Dec. 6.
- Intercommunicating system and apparatus therefor. L. W. Parker. 2,121,883; June 28.
- Interconnecting support. H. Gleitsman. 2,126,630; Aug. 9.
- Interest calculating machine. F. W. Schwab. 2,141,048; Dec. 20.
- Interference attenuator. H. E. Overacker. 2,132,044; Oct. 4.
- Interference eliminating apparatus for radio receivers. R. E. Wood. 2,136,659; Nov. 15.
- Interference elimination. V. C. Henriquez and B. D. H. Tellegen. 2,125,723; Aug. 2.
- Interference eliminator. F. E. Nickel. 2,141,277; Dec. 27.
- Interference in radio reception, Suppressing. H. B. Breedlove. 2,104,635; Jan. 4.
- Interference suppression system for radio apparatus. W. M. Myers. 2,132,875; Oct. 11.
- Interfolding machine. J. J. Deloye. 2,116,782; May 10.
- Interiorly illuminated sign. P. J. Howe and C. H. Wyss, Jr. 2,141,139; Dec. 20.
- Interlock for fluid dispensing pumps, Resetting. W. H. D. Brouse and C. J. Hume. 2,126,447; Aug. 9.
- Interlock for voting machines, Adjustable. A. N. Gustavson. 2,110,297; Mar. 8.
- Interlock, Mechanical. G. O. Wilms. 2,108,634; Feb. 15.
- Interlocking assembly. T. Niblett. 2,115,743; May 3.
- Interlocking device for dispensing pumps. C. S. Howard. 2,120,645; June 14.
- Interlocking fastener. R. Rieser. 2,134,892; Nov. 1.
- Interlocking mechanism for gasoline dispensers. R. E. Bechtold. 2,108,028; Feb. 8.
- Interlocking system for railroads. C. S. Bachman. 2,121,785; June 28.
- Interlocking system for railroads. W. K. Howe. 2,121,798; June 28.
- Interlocking system for railroads. A. L. Anderson. 2,121,803; June 28.
- Interlocking system for railroads. E. C. Lacey and A. Langdon. 2,115,212; July 26.
- Interlocking system for railroads. R. M. Phelan. 2,111,513; Mar. 15.
- Interlocking system for railroads. O. F. Jones. 2,115,511; Apr. 26.
- Interlocking system for railroads. J. I. Vaughan. 2,111,329; Mar. 15.
- Interlocking system for railroads. S. N. Wright. 2,111,500-01; Mar. 15.
- Interlocking system for railroads. S. N. Wright. 2,121,846-7; June 28.
- Intermediates for hormone production, Preparation of. J. Weisbrod. 2,131,082; Sept. 24.
- Intermediates for azo dyes. W. A. Saxton. 2,133,848; Aug. 9.
- Intermittent flow valve. J. I. Hall. 2,114,761; Apr. 19.
- Intermittent movement for display devices. A. I. Sotter. 2,116,475; May 3.
- Internal brake. T. P. Chase and G. E. Martin. 2,131,612; Sept. 27.
- Internal brake. O. Rasmussen and G. K. House. 2,138,205; Nov. 29.



- Internal combustion engine. R. Abell. 2,122,806; July 5.  
 Internal combustion engine. A. M. Anderson. 2,125,213; July 26.  
 Internal combustion engine. G. E. Andersen. 2,118,804; May 31.  
 Internal combustion engine. J. E. Andreau. 2,120,012; June 7.  
 Internal combustion engine. J. A. Anglada and A. H. Asprooth. 2,109,608; Mar. 1.  
 Internal combustion engine. R. W. Bailey. 2,133,842; Oct. 18.  
 Internal combustion engine. J. Barraja-Frauenfelder. 2,120,666; June 14.  
 Internal combustion engine. F. E. Beckett. 2,136,358; Nov. 15.  
 Internal combustion engine. W. R. Beckman. 2,140,503; Dec. 20.  
 Internal combustion engine. F. C. Best. 2,109,459; Mar. 1.  
 Internal combustion engine. W. B. Bidwell. 2,124,604; July 26.  
 Internal combustion engine. R. L. Bourke. 2,122,677; July 5.  
 Internal combustion engine. A. T. Bremser. 2,104,150; Jan. 4.  
 Internal combustion engine. V. D. Brott. 2,117,292; May 17.  
 Internal combustion engine. C. S. Brown. 2,126,089; Aug. 9.  
 Internal combustion engine. E. Bugatti. 2,113,315; Apr. 5.  
 Internal combustion engine. H. L. Burkhardt. 2,117,700; May 17.  
 Internal combustion engine. W. S. Burn. 2,105,717; Jan. 18.  
 Internal combustion engine. C. Carrington. 2,123,452; July 12.  
 Internal combustion engine. M. E. Carroll. 2,124,365; July 19.  
 Internal combustion engine. J. W. Catron. 2,122,002; June 28.  
 Internal combustion engine. R. D. Cayabyab. 2,126,616; Aug. 9.  
 Internal combustion engine. H. D. Church. 2,134,811; Nov. 1.  
 Internal combustion engine. H. C. Colburn. 2,112,829; Apr. 5.  
 Internal combustion engine. J. R. Davis. 2,105,780; Jan. 18.  
 Internal combustion engine. J. L. Doll and C. W. Rogers. 2,138,027; Nov. 29.  
 Internal combustion engine. C. Ecker. 2,119,877; June 7.  
 Internal combustion engine. H. C. Edwards. 2,111,282; Mar. 15.  
 Internal combustion engine. H. C. Edwards. 2,119,633; June 7.  
 Internal combustion engine. F. Ernst. 2,119,226; May 31.  
 Internal combustion engine. A. A. Filicky. 2,130,529; Sept. 20.  
 Internal combustion engine. G. R. Gehrandt. 2,129,172; Sept. 6.  
 Internal combustion engine. H. G. Gentry. 2,136,293; Nov. 8.  
 Internal combustion engine. W. E. George and W. J. Borer. 2,123,279; July 12.  
 Internal combustion engine. L. L. Grant. 2,127,729; Aug. 23.  
 Internal combustion engine. C. C. Groth. 2,123,302; July 12.  
 Internal combustion engine. W. Helmore and A. A. Griffith. 2,137,941; Nov. 22.  
 Internal combustion engine. K. J. E. Hesselman. 2,125,293; Aug. 2.  
 Internal combustion engine. W. E. Hood. 2,123,306; July 12.  
 Internal combustion engine. C. L. Johnson. 2,118,761; May 24.  
 Internal combustion engine. M. Kadenacy. 2,127,775; Aug. 23.  
 Internal combustion engine. M. Kadenacy. 2,134,920; Nov. 1.  
 Internal combustion engine. H. Krebs. 2,117,433; May 17.  
 Internal combustion engine. H. S. Lamb. 2,129,946; Sept. 13.  
 Internal combustion engine. R. Laraque. 2,113,990; Apr. 12.  
 Internal combustion engine. O. C. Linthwaite. 2,111,324; Mar. 15.  
 Internal combustion engine. J. A. Litzler. 2,119,464; May 31.  
 Internal combustion engine. P. L'Orange. 2,106,914; Feb. 1.  
 Internal combustion engine. P. L'Orange. 2,126,483; Aug. 9.  
 Internal combustion engine. S. E. Lytle and R. H. Berry. 2,126,649; Aug. 9.  
 Internal combustion engine. J. W. MacClatchie. 2,132,794; Oct. 11.  
 Internal combustion engine. M. Mallory. 2,121,920-1; June 28.  
 Internal combustion engine. P. Maniscalco. 2,137,455; Nov. 22.  
 Internal combustion engine. R. H. Masters. 2,128,154; Aug. 23.  
 Internal combustion engine. W. A. Maynard. 2,118,319; May 24.  
 Internal combustion engine. J. L. McGonigall. 2,138,351; Nov. 29.  
 Internal combustion engine. G. W. Meredith. 2,110,888; Mar. 15.  
 Internal combustion engine. C. N. Mitchell. 2,121,813; June 28.  
 Internal combustion engine. F. C. Mock. 2,109,298; Feb. 22.  
 Internal combustion engine. M. A. Palen. 2,125,195; July 26.  
 Internal combustion engine. G. W. Patchett. 2,139,457; Dec. 6.  
 Internal combustion engine. J. F. Pierce. 2,132,802; Oct. 11.  
 Internal combustion engine. N. P. Pratt. 2,113,602; Apr. 12.  
 Internal combustion engine. A. L. Reeves. 2,134,236; Oct. 25.  
 Internal combustion engine. E. G. Reid. 2,117,983; May 17.  
 Internal combustion engine. K. H. Schlaefke. 2,133,478; Oct. 18.  
 Internal combustion engine. W. L. Schmitz. 2,127,758; Aug. 23.  
 Internal combustion engine. A. G. Thomas. 2,112,751; Mar. 29.  
 Internal combustion engine. C. H. Thompson. 2,109,185; Feb. 22.  
 Internal combustion engine. W. H. Tinker and E. J. Mallon. 2,122,785; July 5.  
 Internal combustion engine. H. R. Tucker. 2,120,657; June 14.  
 Internal combustion engine. C. W. Van Ranst. 2,109,809; Mar. 1.  
 Internal combustion engine. F. A. Voiles. 2,127,016; Aug. 16.  
 Internal combustion engine. M. Ware. 2,123,347; July 12.  
 Internal combustion engine. M. Ware. 2,136,162; Nov. 8.  
 Internal combustion engine. F. Weinberg. 2,136,719; Nov. 15.  
 Internal combustion engine. H. S. White. 2,118,633; May 24.  
 Internal combustion engine. C. H. Wiegman. 2,107,098; Feb. 1.  
 Internal combustion engine. A. C. Wiesmeier. 2,133,775; Oct. 18.  
 Internal combustion engine. A. R. Wurtele. 2,136,960; Nov. 15.  
 Internal combustion engine. V. F. Zahodiakin. 2,118,450; May 24.  
 Internal combustion engine, Air-cooled. H. Alfaro. 2,140,397; Dec. 13.  
 Internal combustion engine, Air-cooled. H. L. Towns. 2,120,045; June 7.  
 Internal combustion engine, Charge stratification dual charging. A. C. Peterson. 2,118,571; May 24.  
 Internal combustion engine, Compression ignition. J. P. Ruth. 2,119,219; May 31.  
 Internal combustion engine, Compression-ignition. W. A. Weaver and M. Hamilton-Fletcher. 2,111,828; Mar. 22.  
 Internal combustion engine, Floating piston. H. Steiner. 2,139,425; Dec. 6.  
 Internal combustion engine, Rotary. J. C. Buckbee. 2,114,674; Apr. 19.  
 Internal combustion engine, Rotary. R. E. J. Garretson. 2,132,153; Oct. 4.  
 Internal combustion engine, Rotary. C. W. Haller. 2,138,490; Nov. 29.  
 Internal combustion engine, Rotary. D. S. Jay. 2,116,897; May 10.  
 Internal combustion engine, Rotary. H. McIntyre. 2,126,795; Aug. 16.  
 Internal combustion engine, Rotary. H. F. Wolstenholme. 2,124,327; July 19.  
 Internal combustion engine, Slide valve controlled four-stroke cycle. A. Büchi. 2,108,365; Feb. 15.  
 Internal combustion engine, Supercharged. A. Büchi. 2,113,077; Apr. 5.  
 Internal combustion engine, Synchronizing. C. K. Woodman. 2,108,422; Feb. 15.  
 Internal combustion engine, Two-cycle supercharged. J. L. Slatinsky. 2,132,223; Oct. 4.  
 Internal combustion engine, Two-stroke. A. Bokemüller. 2,136,070; Nov. 8.  
 Internal combustion engine, Two-stroke. W. Grab. 2,127,114; Aug. 16.  
 Internal combustion engine, Two-stroke. W. Howald. 2,140,454; Dec. 13.  
 Internal combustion engine, Two-stroke. M. Kadenacy. 2,123,569; July 12.  
 Internal combustion engine, Two-stroke. M. Kadenacy. 2,130,721; Sept. 20.  
 Internal combustion engine, Two-stroke. P. F. Kipfer. 2,134,285-6; Oct. 25.  
 Internal combustion engine, Two-stroke. H. R. Ricardo. 2,121,409; June 21.  
 Internal combustion engine, Two-stroke. W. Schenker. 2,128,855; Aug. 30.



- Internal combustion engine, Two-stroke. H. J. Venediger. 2,114,582; Apr. 19.
- Internal combustion engine, Two-stroke. H. J. Venediger. 2,115,657; Apr. 26.
- Internal combustion engine, Two-stroke cycle. M. Kadenacy. 2,131,958; Oct. 4.
- Internal combustion engine, Two-stroke cycle. G. Ralston. 2,118,899; May 31.
- Internal combustion engine, Variable compression ration. K. Tsuneda. 2,125,407; Aug. 2.
- Internal combustion injection engine, Governor controlled compression. D. W. Latta. 2,121,666; June 21.
- Internal combustion motor. S. P. Christie. 2,113,720; Apr. 12.
- Internal combustion motor. E. E. Hammers. 2,121,660; June 21.
- Internal combustion motor. C. F. Heinze. 2,116,574; May 10.
- Internal combustion motor. E. E. Huesby. 2,107,792; Feb. 8.
- Internal combustion motor. T. C. Marshall. 2,124,492; July 19.
- Internal combustion motor, Two cycle. E. J. Knox. 2,104,326; Jan. 4.
- Internally expanding brake. J. H. Pratt, G. E. Manley, and A. H. G. Girling. 2,133,669; Oct. 18.
- Intersections for jointing structural members, Forming. J. Vogel. 2,126,519; Aug. 9.
- Interval timer switch. F. Lux. 2,112,654; Mar. 29.
- Intra-uterine device. L. W. Meckstroth. 2,122,579; July 5.
- Invertase solution. E. R. Dawson. 2,128,605; Aug. 30.
- Inverted piston pump. C. Rokkjar. 2,139,972; Dec. 13.
- Iodine recovery. S. B. Heath and F. A. Landee. 2,120,218; June 7.
- Iodo-phenylphenols. W. C. Stoesser. 2,131,258; Sept. 27.
- Ion-concentration, Apparatus for measuring. G. A. Perley. 2,108,293; Feb. 15.
- Ion-concentration, Method and apparatus for measuring. E. D. Doyle and G. A. Perley. 2,108,294; Feb. 15.
- Ionic discharge tube. D. M. Duinker and J. G. W. Mulder. 2,117,794; May 17.
- Ions Producing large. R. J. McRae. 2,127,229; Aug. 16.
- Ions, Production of. R. J. McRae. 2,132,539; Oct. 11.
- Iron. R. B. Paysee. 2,118,820; May 31.
- Iron alloy, Producing an. W. J. Doyle and J. J. Wollenhaupt. 2,139,939; Dec. 13.
- Iron and for the manufacture of ferromanganese, Product for improving the quality of cast. H. R. Clarke. 2,130,228; Sept. 13.
- Iron and improvement in the handle portion thereof, Electric. A. Ruelland. 2,124,713; July 26.
- Iron and nickel alloy, Electrolytically depositing. W. A. Crowder. 2,131,427; Sept. 27.
- Iron and other impurities from caustic soda, Eliminating. D. Lopez. 2,112,813; Mar. 29.
- Iron and other materials, Manufacturing cast. C. P. Bratassianu. 2,124,905; July 26.
- Iron and Portland cement in a blast furnace, Simultaneous production of. W. Lennings and E. Karwat. 2,104,564; Jan. 4.
- Iron and steel desulphurization. R. P. Heuer. 2,110,066; Mar. 1.
- Iron and steel, Preparing. J. Elian. 2,107,980; Feb. 8.
- Iron and steel, Refining. H. B. Schulz. 2,120,298; June 14.
- Iron and steel surfaces, Coating. T. B. Unger. 2,137,370; Nov. 22.
- Iron and the manufacture thereof, Cast. W. A. Brown. 2,119,521; June 7.
- Iron annealing receptacle. F. Barmé. 2,125,664; Aug. 2.
- Iron articles, Coated. R. R. Tanner. 2,137,968; Nov. 22.
- Iron, Chair. T. W. Foote. 2,122,565; July 5.
- Iron compound of nitroso-beta-naphthol, Making an. B. R. Allen and G. Lutz. 2,127,374; Aug. 16.
- Iron compounds, Production of. P. Fireman. 2,127,907; Aug. 23.
- Iron cores for electromagnet coils, Producing. W. Scheppmann. 2,117,856; May 17.
- Iron, Corrosion resisting. E. C. Smith and G. T. Motok. 2,121,055; June 21.
- Iron desulphurization. R. P. Heuer. 2,110,067; Mar. 1.
- Iron, Edge setting. O. L. Lawson. 2,131,378; Sept. 27.
- Iron, Electric. P. J. McCullough. 2,124,984; July 26.
- Iron, Electric. C. Müller. 2,122,694; July 5.
- Iron, Electric soldering. J. Schubert. 2,106,439; Jan. 25.
- Iron, Electrolytically depositing. W. A. Crowder. 2,118,395; May 24.
- Iron for use as a pharmaceutical preparation, Metallic. S. Laszlo. 2,112,167; Mar. 22.
- Iron from iron ore, Production of. F. L. Duffield. 2,122,197; June 28.
- Iron, Gas-heated laundry. F. V. Brostrom. 2,119,094; May 31.
- Iron, Hat flanging. P. Schultze. 2,119,216; May 31.
- Iron in a blast furnace, Reducing. L. L. Clair. 2,136,360; Nov. 15.
- Iron in the rotary tube kiln, Process and apparatus for the production of metallic. A. Hunsellbach. 2,112,566; Mar. 29.
- Iron manufacture. M. J. Udy. 2,138,797; Nov. 29.
- Iron, Manufacture of. M. J. Udy. 2,105,020; Jan. 11.
- Iron, Manufacture of cast. J. W. Bampfyld. 2,134,905; Nov. 1.
- Iron, Manufacture of wrought. W. H. Lewis. 2,110,138; Mar. 8.
- Iron, Manufacture of wrought. E. B. Story and E. P. Best. 2,129,716-18; Sept. 13.
- Iron, Manufacture of wrought. E. B. Story and E. P. Best. 2,141,671; Dec. 27.
- Iron manufacture, Rustless. A. L. Feild. 2,118,701; May 24.
- Iron or steel articles with aluminum, Coating. K. Dellgren. 2,135,387-8; Nov. 1.
- Iron ores or spongy iron obtained therefrom, Treatment of titanium bearing. K. Iwasé. 2,135,466; Nov. 1.
- Iron ores, Reduction of fine. H. Schmalfeldt. 2,107,549; Feb. 8.
- Iron oxide and zinc sulphate, Production of. J. W. Ayers. 2,139,109; Dec. 6.
- Iron oxide products, Manufacture of. R. L. Perkins. 2,105,670; Jan. 18.
- Iron parts to masonry of all kinds, Securing. O. Meyer. 2,123,310; July 12.
- Iron, Pressing. S. Dowinsky. 2,123,002; July 5.
- Iron, Production of. E. Faust and E. Jung. 2,120,740; June 14.
- Iron, Production of rustless. A. L. Feild. 2,112,485; Mar. 29.
- Iron, Production of rustless. A. L. Feild. 2,113,880; Apr. 12.
- Iron, Round heel. A. O. Samuels. 2,105,229; Jan. 11.
- Iron, Rustless. W. B. Arness. 2,121,001; June 21.
- Iron, Rustless. W. B. Arness. 2,140,501; Dec. 20.
- Iron, Soldering. A. B. Cole. 2,112,068; Mar. 22.
- Iron stand. S. A. Duvall. 2,112,336; Mar. 29.
- Iron, Steam-electric pressing. A. and E. B. Tricomi. 2,109,326; Feb. 22.
- Iron, Steaming. C. M. Chapin. 2,137,387; Nov. 22.
- Iron support. J. Lefkowitz. 2,114,742; Apr. 19.
- Iron surfaces, Pretreating. A. Kreidl. 2,104,427; Jan. 4.
- Iron, Treating lumped. F. Johansson and W. Völkel. 2,127,299; Aug. 16.
- Iron, Treatment of rustless. J. N. Ostrofsky. 2,104,667; Jan. 4.
- Iron-washer attachment mechanism. H. W. Altorfer. 2,109,519; Mar. 1.
- Ironer, Cabinet. E. Engel. 2,124,972; July 26.
- Ironer, Cabinet. A. J. Shute. 2,124,987; July 26.
- Ironer, Garment sleeve. J. H. Leef. 2,128,003; Aug. 23.
- Ironer, Pipe coating. D. W. Boylan. 2,132,391; Oct. 11.
- Ironer shoe operating mechanism. R. J. McVey. 2,119,283; May 31.
- Ironing and folding machine. J. Griesinger. 2,111,770; Mar. 22.
- Ironing attachment for automatic hosiery drying machines. H. Hemmerich. 2,113,805; Apr. 12.
- Ironing board cord holder. B. Lieberman. 2,125,188; July 26.
- Ironing board cover. F. R. Edwards, Sr. 2,119,427; May 31.
- Ironing device. G. Blair. 2,138,567; Nov. 29.
- Ironing element. C. V. Gardner. 2,112,667; Mar. 29.
- Ironing machine. E. B. Carson. 2,119,222; May 31.
- Ironing machine. J. A. Castricone. 2,115,941; May 3.
- Ironing machine. P. E. Goldhof. 2,134,915; Nov. 1.
- Ironing machine. E. F. Loweke and H. C. Swift. 2,123,368; July 12.
- Ironing machine. J. J. McCabe. 2,136,722; Nov. 15.
- Ironing machine. A. O. McCollum. 2,104,950; Jan. 11.
- Ironing machine. E. W. Rouch. 2,125,585; Aug. 2.
- Ironing machine. G. A. Schettler. 2,129,152; Sept. 6.
- Ironing machine. G. W. Wardwell, Jr. 2,110,008; Mar. 1.
- Ironing machine. G. W. Wardwell, Jr. 2,112,744; Mar. 29.
- Ironing machine. G. W. Wardwell, Jr. 2,119,719; June 7.
- Ironing machine cabinet. A. H. Gerhardt. 2,140,836; Dec. 20.
- Ironing machine, Cabinet. A. J. Shute. 2,124,988; July 26.
- Ironing press. G. W. Wardwell, Jr. 2,125,266; Nov. 1.
- Ironing surface, Resilient. C. J. West. 2,132,466; June 28.
- Ironing table. B. Bryan. 2,134,431; Oct. 25.
- Ironing table. O. A. Flugstad. 2,110,108; Mar. 1.
- Irradiating method and apparatus. R. O'Brien. 2,132,431; Oct. 11.
- Irradiating process and apparatus. W. Bessler. 2,139,657; Dec. 13.
- Irradiation, Method of. G. C. Supple. 2,104,681; Jan. 4.
- Irrigation device. W. H. Cades and B. J. Nelson. 2,108,787; Feb. 22.
- Irrigation device. W. H. Cades and B. J. Nelson. 2,131,271; Sept. 27.
- Isokonic spectacles and their manufacture. A. E. Diermer. 2,118,173; May 24.
- Island display stand, Knock-down. H. P. Hughes. 2,106,301; Feb. 25.
- Iso ethers, Stabilization of aliphatic symmetric. F. Evans. 2,107,069; Feb. 1.
- Iso-olefine polymers and producing the same, High molecular weight. M. Otto and M. Mueller-Cunradi. 2,130,507; Sept. 20.
- Isonic acidolhydroxy anthraquinone, Production and separation of. D. G. Rogers. 2,118,445; May 24.



- Isopropyl chloride, Hydrolysis of. E. C. Britton, G. H. Coleman, and G. V. Moore. 2,110,838; Mar. 8.
- Isopulegol, Producing. H. B. Glass. 2,117,414; May 17.
- Isopulegol, Producing. C. O. Terwilliger. 2,117,463; May 17.
- Isotopes, Concentration of. W. A. Webb. 2,137,430; Nov. 22.
- Jack: See—
- Automobile jack. Pumping jack.
  - Bracket jack. Shoe repairer's jack.
  - Electric vehicle jack. Straight lift pumping jack.
  - Hydraulic jack. Surface rod line jack.
  - Lifting jack. Trailer jack.
  - Lubricator shaking jack. Window jack.
  - Pneumatic jack.
  - Pump jack.
- Jack. A. Dickerson. 2,121,861; June 28.
- Jack. C. S. Johnston. 2,135,080; Nov. 1.
- Jack. J. H. Josey. 2,114,779; Apr. 19.
- Jack. W. B. Runyan and A. H. Langenheim. 2,107,715; Feb. 8.
- Jack. C. J. Smith. 2,107,717; Feb. 8.
- Jack for automobiles, Lifting. G. E. Jarrett. 2,132,343; Oct. 4.
- Jack for lifting automotive vehicles. G. C. MacMurray. 2,132,903; Oct. 11.
- Jack for vehicles, Hydraulic. J. De Cola. 2,115,328; Apr. 26.
- Jack mechanism, Automobile. F. F. Peters and C. A. Stenger. 2,126,972; Aug. 16.
- Jack mounting arrangement. J. Leitch. 2,112,169; Mar. 22.
- Jack or trestle, Folding scaffold. O. Engman. 2,130,456; Sept. 20.
- Jacking attachment. M. Dwork. 2,128,806; Aug. 30.
- Jacking system for vehicles, Hydraulic. D. W. Sessions. 2,109,238; Feb. 22.
- Jacking system for vehicles, Hydraulic. D. W. Sessions. 2,139,473; Dec. 6.
- Jacks, Attachment for hydraulic. G. A. Countryman. 2,135,278; Nov. 1.
- Jacket and section-connecting staple, Sectional. G. F. Leslie. 2,110,734; Mar. 8.
- Jacket for socket shells, Reinforcing. H. Hubbell, Jr. 2,116,518; May 10.
- Jacket, Foundry. W. J. Spensley. 2,124,639; July 26.
- Jacket, Life preserver. G. Mikos. 2,137,580; Nov. 22.
- Jacket, Water. W. E. Bahls. 2,121,579; June 21.
- Jacquard loom. H. Stoehr. 2,136,328; Nov. 8.
- Jar. M. S. Black. 2,126,241; Aug. 9.
- Jar. B. F. Conner. 2,121,382; June 21.
- Jar. J. T. Phipps. 2,122,751; July 5.
- Jar. E. F. Raymond. 2,118,982; May 31.
- Jar assembly, Rotary, straight-pull. D. U. Shaffer. 2,121,267; June 21.
- Jar cap handle. B. V. Dreucci. 2,120,603; June 14.
- Jar cleaning machine. J. Bahelka. 2,123,594; July 12.
- Jar closure. O. West. 2,132,334; Oct. 4.
- Jar closure, Fruit. G. W. Killin, Jr. 2,130,136; Sept. 13.
- Jar, Fruit. G. A. Toaz. 2,106,880; Feb. 1.
- Jar holder. H. B. Holland. 2,123,896; July 19.
- Jar holder. A. J. Kriska. 2,127,301; Aug. 16.
- Jar holder. H. M. Morris. 2,127,882; Aug. 23.
- Jar lifter. B. Eckert. 2,115,015; Apr. 26.
- Jar with clip, Soda fountain straw. H. Toffe. 2,132,058; Oct. 4.
- Jars, Making drilling. A. Gray. 2,139,077; Dec. 6.
- Jay-lin. H. W. Campbell and T. S. Graham. 2,122,023; June 28.
- Jaw assembly for vises. M. Zugermyer. 2,123,131; July 5.
- Jaw breaker. K. Meister. 2,123,017; July 5.
- Jelly products, Method and apparatus for molding. A. Leo. 2,122,982; July 5.
- Jet apparatus, Hot. G. Y. Courtney. 2,112,145; Mar. 22.
- Jet cleaning device. F. Boehm. 2,117,647; May 17.
- Jet device (injector or ejector). A. van den Honert. 2,134,460; Oct. 25.
- Jewel ornamented with stones. S. Arpels. 2,119,067; May 31.
- Jewel setting device, Friction. E. Renz. 2,116,213; May 2.
- Jewelry. J. Mohel. 2,126,968; Aug. 16.
- Jewelry. J. Silver. 2,134,586; Oct. 25.
- Jewelry and the like, Article of. L. H. Fontan. 2,121,311; June 21.
- Jewelry box, Ornamental. J. Warner. 2,116,810; May 10.
- Jewelry mountings or the like, Forming. A. F. Reilly. 2,109,376; Feb. 22.
- Jewelry, setting. L. Rigollet. 2,141,363; Dec. 27.
- Jewelry structure. K. Fassnacht. 2,138,596; Nov. 29.
- Jig. J. G. Attwood. 2,132,380; Oct. 11.
- Jig. B. M. Bird and E. F. Muller. 2,132,378; Oct. 11.
- Jig. J. A. Montgomery. 2,104,090; Jan. 4.
- Jig. T. F. Muller. 2,132,750; Oct. 11.
- Jig. B. D. Nichols. 2,132,754; Oct. 11.
- Jig. G. A. Oberholt. 2,121,118; July 19.
- Jig. J. S. Pecker. 2,140,762; Dec. 20.
- Jig. J. A. Shansberg. 2,132,583; Oct. 11.
- Jig and vice therefor, Air controlled water. B. M. Bird and E. F. Smith. 2,132,377; Oct. 11.
- Jig, Bearing. O. E. Hixson. 2,109,568; Mar. 1.
- Jig for use in metaling bearings. H. J. S. Croucher. 2,107,978; Feb. 8.
- Jig, Multiple purpose welding. W. J. Harbaugh. 2,116,263; May 3.
- Jig, Ore. B. R. Storsand. 2,129,795; Sept. 13.
- Jig, Ore dressing. H. H. Smith. 2,134,154; Oct. 25.
- Jig, Pulsating. L. H. Logue. 2,122,039; June 28.
- Jig, Pulsating. G. A. Vissac. 2,138,315; Nov. 29.
- Jigsaw. J. E. Boice. 2,107,174; Feb. 1.
- Jigsaw. W. R. Ocenasek. 2,116,123; May 3.
- Jigsaw. W. E. Reimer. 2,119,353; May 31.
- Jig, Sharpening. R. L. Keith. 2,131,626; Sept. 27.
- Jig, Valve stem clearance. D. Pointer. Re. 20,721; May 10.
- Jig, Valve stem clearance. D. Pointer. 2,105,502; Jan. 18.
- Jigging. B. M. Bird. 2,132,376; Oct. 11.
- Joint: See—
- Expansion joint. Rock drill joint.
  - Fiber conduit joint. Roof joint.
  - Flanged joint. Rotary tool joint.
  - Golf club joint. Safety joint.
  - Insertible joint. Separable joint.
  - Lamp joint. Socket joint.
  - Load carrying joint. Soldered joint.
  - Masonry joint. Spectacle frame joint.
  - Mechanical packing joint. Spline panel joint.
  - Packed tool joint. T-lock joint.
  - Pavement joint. Take-down joint.
  - Pipe joint. Threaded joint.
  - Pivot joint. Track rail joint.
  - Rail expansion joint. Universal driving joint.
  - Rail joint. Universal joint.
  - Railway rail joint. Welded joint.
  - Road expansion joint. Well casing joint.
  - Road joint. Wheel arm joint.
- Joint. H. G. Blevins. 2,120,062; June 7.
- Joint. H. W. Giffin. 2,135,048; Nov. 1.
- Joint. J. A. Gross. 2,110,148; Mar. 8.
- Joint. M. Hokanson. 2,136,617; Nov. 15.
- Joint. G. H. Hufferd and M. P. Graham. 2,115,774; May 3.
- Joint and connector. T. C. Green. 2,118,672; May 24.
- Joint and dowel structure for roadways. L. B. Johnson. 2,141,986; Dec. 27.
- Joint and making same, Welded. G. T. Southgate. 2,122,994; July 5.
- Joint and making the same. G. H. Hufferd. 2,106,567; Jan. 25.
- Joint and making the same, Welded. R. Franks. 2,113,937; Apr. 12.
- Joint and packing ring for use therein, Pipe. L. A. Turner and E. G. Latham. 2,114,771; Apr. 19.
- Joint and producing same, Wire fabric. W. E. Buchanan. 2,141,706; Dec. 27.
- Joint and seal, Road. R. R. Robertson. 2,138,615; Nov. 29.
- Joint and welding the same, Welded. L. J. Larson. 2,111,790; Mar. 22.
- Joint between solid bodies, Making a vacuum-tight. G. Dobke. 2,130,879; Sept. 20.
- Joint breaker. H. L. Therolf. 2,124,129; July 19.
- Joint compound. L. L. Wadsworth. 2,108,276; Feb. 15.
- Joint construction. M. De Lin. 2,131,552-3; Sept. 27.
- Joint construction. W. A. Flumerfelt. 2,108,814; Feb. 22.
- Joint construction. E. M. Tucker. 2,121,372; June 21.
- Joint construction. C. M. Verhagen. 2,114,617; Apr. 19.
- Joint construction for conduits. I. H. Risser. 2,126,505; Aug. 9.
- Joint device for welding shields, Headgear friction. F. M. Bowers. Re. 20,790; July 12.
- Joint device for welding shields, Headgear friction. F. M. Bowers. 2,111,747; Mar. 22.
- Joint filling device. V. Lines. 2,104,086; Jan. 4.
- Joint for a rear view mirror, Ball. L. G. Ponce. 2,104,099; Jan. 4.
- Joint for adjacent solid sections, Load-distributing expansion. R. W. Clemmons. 2,130,992; Sept. 20.
- Joint for artificial limbs, Hinge. J. J. McCann. 2,134,288; Oct. 25.
- Joint for bridges, Grating expansion. E. L. Tarof. 2,118,330; May 24.
- Joint for building units, Atmospheric protected flexible. W. E. S. Strong. 2,117,377; May 17.
- Joint for concrete slabs. E. H. Geyer. 2,116,697; May 10.
- Joint for concrete structures. H. A. Taubensee. 2,107,351; Feb. 8.
- Joint for electrical conductors. J. J. Harley. 2,133,448; Oct. 18.
- Joint for electric cables, Insulating. H. Horn. 2,116,266; May 3.
- Joint for electrode lead-ins, Vacuum-tight. U. Lamm. 2,118,613; May 24.
- Joint for fluid filled cables, Stop. E. D. Eby. 2,112,739; Mar. 29.
- Joint for high tension electric cables. J. K. Webb. 2,105,567; Jan. 18.
- Joint for locomotives and cars, Articulated. L. J. Seider. 2,107,841; Feb. 8.
- Joint for machine parts, Flexible. A. Kégresse. 2,116,835; May 10.



- Joint for paving structures, Expansion. A. C. Fischer. 2,111,114; Mar. 15.
- Joint for pipes. H. Kreidel. 2,139,413; Dec. 6.
- Joint for rails, Expansion. I. Dion. 2,104,856; Jan. 11.
- Joint for roofing and the like, Lap. E. S. Lawrence and G. G. McLaughlin. 2,130,189; Sept. 13.
- Joint for rotary shafts, Sealed. J. G. Aldinger. 2,127,151; Aug. 16.
- Joint for running inflation, Rotating. S. T. Williams. 2,107,405; Feb. 8.
- Joint for sheets or pipe, Metal. W. H. Petersen. 2,126,499; Aug. 9.
- Joint for the connection of shafts. H. Hanft. 2,128,088; Aug. 23.
- Joint for use in car wheel and the like, Resilient. N. R. Brownier and L. R. Buckendale. 2,126,169; Aug. 9.
- Joint forming means or the like, Road. F. O. Parker. 2,110,738; Mar. 8.
- Joint in gas distribution systems, Leakproofing packed. J. R. Skeen. 2,141,959; Dec. 27.
- Joint mechanism, Universal. H. Wollner. Re. 20,799; July 12.
- Joint mechanism, Universal. H. Wollner. 2,106,672; Jan. 25.
- Joint of tubular conduits, Flanged. J. Schierenbeck. 2,119,651; June 7.
- Joint or coupling, Rod. R. H. Mueller. 2,140,245; Dec. 13.
- Joint sealing device, Pipe. P. D. Merrill. 2,115,670; Apr. 26.
- Joint setting apparatus, Expansion. G. T. Nelson. 2,125,194; July 26.
- Joint structure and making the same. M. G. Sateren. 2,137,097; Nov. 15.
- Joint structure, Paving and expansion. A. C. Fischer. 2,125,857; Aug. 2.
- Joint stud and making same. G. H. Hufford and M. P. Graham. 2,141,753; Dec. 27.
- Joint with peripheral seal, Construction. R. R. Robertson. 2,139,465; Dec. 6.
- Joint with peripheral seal, Expansion. R. R. Robertson. 2,141,559; Dec. 27.
- Jointed coupling. K. Rosenbaum. 2,104,101; Jan. 4.
- Joints and the like, Assembly for universal. T. L. Fawick. 2,141,645; Dec. 27.
- Joints for electric cables. C. J. Beaver and E. L. Davey. 2,118,546; May 24.
- Joints in woven wire fabric, Method and apparatus for making. E. J. Buell and F. C. Few. 2,113,266; Apr. 5.
- Joints in woven wire fabric, Method and apparatus for making. E. J. Buell and F. D. Martin. 2,113,265; Apr. 5.
- Joints, Liquid sealed rotating. R. J. Spargo. 2,133,487; Oct. 18.
- Joints, Sealing expansion. W. O. Snelling. 2,104,059; Jan. 4.
- Joints, Sealing pipe. W. W. Trickey. 2,138,946; Dec. 6.
- Joist. E. P. Alsted. 2,123,923; July 19.
- Joist. E. D. Coddington. 2,112,480; Mar. 29.
- Joist adjuster, Automatic floor. R. L. McReory. 2,115,824; May 3.
- Joist, Floor. R. W. Goetz. 2,116,886; May 10.
- Joist suspension. E. D. Coddington. 2,106,084; Jan. 18.
- Journal box. D. S. Barrows. 2,134,499; Oct. 25.
- Journal box. H. E. Behrmann. 2,141,897; Dec. 27.
- Journal box. W. Blackmore. 2,118,146; May 24.
- Journal box. H. R. Gibbons and R. J. Brittain, Jr. 2,133,024; Oct. 11.
- Journal box. F. K. Murphy. 2,126,205; Aug. 9.
- Journal box lubricator. G. McCormick. 2,123,654; July 12.
- Journal box waste grab preventing means. W. T. Bissell. 2,129,812; Sept. 13.
- Journal for revolving doors, Lower. T. M. Hagenbook. 2,111,773; Mar. 22.
- Journal lubricator. J. J. Hennessy. 2,123,946; July 19.
- Journal lubricator, Railway. J. J. Hennessy. 2,107,414; Feb. 8.
- Journal wiping means. J. J. Hennessy. 2,107,413; Feb. 8.
- Juice catcher for food grinders. R. N. Niedhammer. 2,130,397; Sept. 20.
- Juice expressing device, Fruit. M. and E. Santamaria. 2,126,045; Aug. 9.
- Juice extracting and distributing method, Fruit. V. Ruch. 2,117,215; May 10.
- Juice extracting device. H. C. Johnson. 2,131,440; Sept. 27.
- Juice extractor. R. P. Bean. 2,121,622; June 21.
- Juice extractor. J. R. Gednetz. 2,130,755; Sept. 20.
- Juice extractor. B. L. Lorenzen. 2,109,048; Feb. 22.
- Juice extractor. L. H. Scurlock. 2,109,653; Mar. 1.
- Juice extractor. C. H. Steinbliss. 2,119,972; June 7.
- Juice extractor. P. W. Stephens. 2,111,997; Mar. 27.
- Juice extractor, Citrus fruit. W. O. Brown. 2,130,610; Sept. 20.
- Juice extractor, Orange. R. W. Rogers. 2,116,335; May 3.
- Juices from vegetable pulp and the like, Method and apparatus for the extraction of. C. E. Jenkins. 2,106,409; Jan. 25.
- Juices, Preservation of fruit. A. M. Davies. 2,101,415; Jan. 4.
- Junction adapter. A. Corbett. 2,101,451; Jan. 4.
- Junction box. J. E. Torbert, Jr. 2,124,156; July 19.
- Junction box mechanism. J. Pehlke. 2,129,442; Sept. 6.
- Justifying apparatus, Automatic. A. F. Colton. 2,133,973; Oct. 25.
- Juvenile vehicle. H. L. Kraefft. 2,104,346; Jan. 4.
- Kaleidoscope. E. N. Anketell. 2,112,642; Mar. 29.
- Kaleidoscope. A. W. Scheele. 2,126,415; Aug. 9.
- Keel for row boats and the like, Detachable sailing. H. J. Kline. 2,119,881; June 7.
- Keg, Beer cooler. J. Panagopoulos. 2,105,776; Jan. 18.
- Kerf-cutting machine. T. E. Pray. 2,107,584; Feb. 8.
- Kerf-cutting machine. W. W. Sloane. 2,114,361; Apr. 19.
- Kerf-cutting machine. W. W. Sloane. 2,118,529; May 24.
- Kerf cutting machine. W. W. Sloane. 2,130,601; Sept. 20.
- Kerf-cutting machine. W. W. Sloane. 2,131,456; Sept. 27.
- Kerf-cutting machine. C. O. Wood. 2,128,064; Aug. 23.
- Kerosene. J. A. Tilton. 2,121,998; June 28.
- Ketals. W. H. Carothers and H. B. Dykstra. 2,124,686; July 26.
- Ketene, Producing. J. Sixt and M. Mugdan. 2,108,829; Feb. 22.
- Ketone-nitrile condensation products. H. Hopff and G. Steinbrunn. 2,117,720; May 17.
- Ketones, Chlorinated aralkyl. A. W. Ralston and C. W. Christensen. 2,107,905; Feb. 8.
- Ketones, Continuous process for the chlorination of. A. E. Calkins. 2,120,392; June 14.
- Ketones, Hydrogenating polynuclear aromatic. H. R. Arnold and C. H. Greenwalt. 2,125,412; Aug. 2.
- Ketones, Preparation of alpha, beta unsaturated. A. B. Boese, Jr. 2,108,427; Feb. 15.
- Ketones, Production of. C. G. Wortz. 2,108,156; Feb. 15.
- Ketones, Production of unsaturated. A. W. Fairbairn and W. Engs. 2,139,360; Dec. 6.
- Ketones, Unsaturated. J. Nelles. 2,105,792; Jan. 18.
- Kettle, Two-compartment fry. K. Ehrigott. 2,109,212; Feb. 22.
- Key. J. A. Phillips. 2,107,834; Feb. 8.
- Key and curb box cleaner, Service cock. G. W. Durno. 2,122,340; June 28.
- Key attaching machine. J. C. Strickler. 2,107,311; Feb. 8.
- Key board. B. E. Walberg. 2,116,808; May 10.
- Keyboard cam actuating roll for typesetting machines. S. Rich. 2,106,225; Jan. 25.
- Keyboard control. H. J. Niebois. 2,135,947; Nov. 8.
- Keyboard for musical instruments. L. Hammond. 2,117,002; May 10.
- Keyboard perforator and counter. R. A. Lake. 2,113,890; Apr. 12.
- Key, Brake shoe. G. F. Jackson. 2,123,108; July 5.
- Key, Brake shoe. A. L. Prentice. 2,138,196; Nov. 29.
- Key, Brake shoe. F. Schaefer. 2,107,768; Feb. 8.
- Key cap. K. Flader. 2,120,553; June 14.
- Key case. G. Boden. 2,114,172; Apr. 12.
- Key container. H. S. Baughman and M. S. Lower. 2,119,068; May 31.
- Key container. G. P. Economakis. 2,122,934; July 5.
- Key container. J. J. Nasser. 2,130,469; Sept. 20.
- Key cutting machine. P. M. Goddard. 2,114,597; Apr. 19.
- Key cutting machine. Lock. H. F. George and J. G. Howard. 2,129,087; Sept. 6.
- Key fastener. L. C. Merrell. 2,109,846; Mar. 1.
- Key for card punching controls, Master. J. T. Jewett. 2,115,529; Apr. 26.
- Key for locks. C. W. Cheney. 2,133,187; Oct. 11.
- Key holder. K. Bassler. 2,138,994; Dec. 6.
- Key holder. C. A. Murray. 2,129,436; Sept. 6.
- Key holder. I. Newman. 2,138,116; Nov. 29.
- Key holder. T. A. Penceck. 2,113,978; Apr. 26.
- Key holder. L. Portner. 2,111,493; Mar. 15.
- Key holder. R. E. Tyvand. 2,139,706; Dec. 13.
- Key-identifying device. C. F. P. Anson. 2,109,268; Feb. 22.
- Key, Lock. P. W. Olson. Re. 20,865; Sept. 20.
- Key mechanism for woodwind instruments. E. D. Platz. 2,107,583; Feb. 8.
- Key receptacle. H. H. De Berry. 2,105,763; Jan. 18.
- Key retainer, Handling. A. P. Ryan. 2,117,689; May 17.
- Key retaining device for locks. A. O. Rufino. 2,110,015; May 3.
- Key ring. H. Moore. 2,113,311; Apr. 26.
- Key ring hook. W. N. Morrison. 2,121,440; June 21.
- Key seating attachment for lathes. D. A. McNaughton. 2,123,788; July 12.
- Key Switching. F. Schaefer. 2,122,643; July 5.
- Key, Switching. R. F. Goband. 2,122,643; July 5.
- Keying. R. Bruckner and R. G. G. 2,111,311; Apr. 19.
- Keying attachment for typewriters. 2,111,311; Apr. 19.
- Mechanical. K. H. 2,111,311; Apr. 19.
- Keying. J. H. 2,111,311; Apr. 19.
- Keying system. H. R. Dyer. 2,113,171; Apr. 5.
- Keying system. Block. L. E. 2,109,698; Feb. 8.
- Keys, Manufacturing. A. L. Schuyler. 2,106,099; Jan. 11.
- Key. J. T. Robson and G. R. Sylvester. 2,117,991; May 17.
- Key. M. A. 2,117,991; May 17.
- Rim and the art of dry lifting. Dry. L. F. 2,121,843; July 26.



- Kiln, Continuous. A. Geyer. 2,131,418; Sept. 27.  
 Kiln, Tunnel. M. E. Gates. 2,138,851; Dec. 6.  
 Kiln, Tunnel. L. L. Ladd. 2,127,742; Aug. 23.  
 Kiln, Tunnel. T. G. McDougal. 2,137,091; Nov. 15.  
 Kiln, Tunnel. F. A. Philo. 2,132,831; Oct. 11.  
 Kilns and lining produced thereby. Lining. G. E. Seil. 2,137,184; Nov. 15.  
 Kilns, Rotary. H. Vanderwerp. 2,132,709; Oct. 11.  
 Kit, Combination pocket. M. Schein. 2,104,439; Jan. 4.  
 Kit, Denture. O. A. Roland. 2,104,470; Jan. 4.  
 Kit, First aid. H. G. Armstrong. 2,120,234; June 14.  
 Kit, First-aid. J. Malik. 2,135,238; Nov. 1.  
 Kit for personal wear. D. Du Pont. 2,129,915; Sept. 13.  
 Kit, Lunch. C. Daum. 2,105,638; Jan. 18.  
 Kit, Lunch. F. Van Horn. 2,105,382; Jan. 11.  
 Kit, Manicure. S. S. Joslyn. 2,113,547; Apr. 5.  
 Kit, Miniature mending. M. Lichter. 2,109,318; Feb. 22.  
 Kit, Pocket medical or first aid. F. P. Lagier. 2,108,492; Feb. 15.  
 Kit, Salesmen's presentation. R. H. Sloan. 2,113,099; Apr. 5.  
 Kitchen cabinet. M. Grossman. 2,127,594; Aug. 23.  
 Kitchen implement. H. Hertzberg. 2,123,947; July 19.  
 Kitchen implement. J. W. Lackstrom and P. S. Kavanaugh. 2,131,631; Sept. 27.  
 Kite. R. P. Holland, Jr. 2,134,403; Oct. 25.  
 Kite. H. J. Irvin. 2,134,282; Oct. 25.  
 Kite. W. H. A. G. van Ittersum. 2,107,808; Feb. 8.  
 Kite, Airplane. D. L. Waldoek. 2,136,717; Nov. 15.  
 Kite, Airplane. W. A. Wood. 2,124,992; July 26.  
 Kite string rider. J. F. Plane. 2,105,128; Jan. 11.  
 Kneading apparatus. S. Kiesskalt, H. Tampke, E. Wein-gartner, and K. Winnacker. 2,136,264; Nov. 8.  
 Kneading pump. F. Burghauser. 2,115,006; Apr. 26.  
 Knee pad. D. F. Turner. 2,124,158; July 19.  
 Knee rest for automobiles. C. Girl. 2,133,443; Oct. 18.  
 Knife. D. F. Fesler. 2,109,108; Feb. 22.  
 Knife. W. Foltz. 2,124,615; July 26.  
 Knife. W. F. Harwell. 2,134,973; Nov. 1.  
 Knife. M. J. Zimmer. 2,115,686; Apr. 26.  
 Knife, Adjustable. J. H. Perkins. 2,134,839; Nov. 1.  
 Knife adjustment for mowing machines. Bed. J. A. Roseman. 2,126,139; Aug. 9.  
 Knife and seed extractor, Citrus fruit. C. W. Collins. 2,130,949; Sept. 20.  
 Knife blade cleaner. H. Rietveld. 2,140,209; Dec. 13.  
 Knife-edge members for knife-edge bearings, Manufactur-ing. W. B. Wells. 2,133,604; Oct. 18.  
 Knife for lumber-dressing machinery. T. J. Waltmon. 2,136,260; Nov. 8.  
 Knife, Furrier's. E. A. Schmidt. 2,104,276; Jan. 4.  
 Knife grinding attachment. S. Rubenstein and H. Amazon. 2,129,538; Sept. 6.  
 Knife guide, Dobby. R. C. Turner. 2,123,322; July 12.  
 Knife head. F. H. Hammond. 2,130,391; Sept. 20.  
 Knife lubricating device. A. H. Avery. 2,105,393; Jan. 11.  
 Knife, Mixing. C. E. Latshaw. 2,140,706; Dec. 20.  
 Knife, Paring. J. P. Backer. 2,126,080; Aug. 9.  
 Knife, Paring. L. F. Quinn. 2,132,320; Oct. 4.  
 Knife, Peeling. M. Ewald. 2,123,187; July 12.  
 Knife, Power driven. M. Paolini and F. Perco. 2,114,569; Apr. 19.  
 Knife, Rotary shear. W. W. Macfarren. 2,125,939; Aug. 9.  
 Knife sharpening device. G. Barsch. 2,124,646; July 26.  
 Knife sharpening device. W. A. van Berkel. 2,141,055; Dec. 20.  
 Knife sharpening machine. W. B. Hausman. 2,120,096; June 7.  
 Knife, Tire detreading. E. J. Jacobson. 2,110,985; Mar. 15.  
 Knife, Tying. A. E. Thomas. 2,139,609; Dec. 6.  
 Knitted cap. D. Hutton. 2,133,619; Oct. 18.  
 Knitted elastic fabric, Circular. K. G. Douglas. 2,125,255; July 26.  
 Knitted fabric. C. R. Anderson. 2,133,840; Oct. 18.  
 Knitted fabric. V. Lombardi. 2,130,770; Sept. 20.  
 Knitted fabric. H. P. Luhn. 2,140,937; Dec. 20.  
 Knitted fabric. R. K. Mills. 2,123,116; July 5.  
 Knitted fabric. C. Moses. 2,114,483; Apr. 19.  
 Knitted fabric. J. P. Primm. 2,105,987; Jan. 18.  
 Knitted fabric. N. Schwartz. 2,139,607; Dec. 6.  
 Knitting. C. La Villette. 2,132,512; Oct. 11.  
 Knitting. O. Sauer. 2,129,385; Sept. 6.  
 Knitting darning machine. P. Obermayr. 2,135,142; Nov. 1.  
 Knitting device. E. Van Ness. 2,134,066; Oct. 25.  
 Knitting device and process of knitting. J. H. Woolhiser. 2,129,393; Sept. 6.  
 Knitting frame, Flat. R. Nebich. 2,124,890; July 26.  
 Knitting machine. H. Agulnek. 2,112,260; Mar. 29.  
 Knitting machine. G. Ball. 2,128,688; Aug. 30.  
 Knitting machine. W. E. Booton. 2,105,965; Jan. 18.  
 Knitting machine. F. Chatfield. 2,124,104; July 19.  
 Knitting machine. B. F. Coile. 2,120,796; June 14.  
 Knitting machine. A. Friedmann. 2,111,262; Mar. 15.  
 Knitting machine. H. H. and E. J. Holmes. 2,110,767; Mar. 8.  
 Knitting machine. A. Holtz. 2,130,236; Sept. 13.  
 Knitting machine. H. E. Houseman. 2,118,815; May 31.  
 Knitting machine. W. L. Houseman. 2,139,754; Dec. 13.  
 Knitting machine. T. H. Jones. 2,111,450; Mar. 15.  
 Knitting machine. F. J. Kern. 2,131,083; Nov. 1.  
 Knitting machine. R. H. Lawson. 2,104,231-2; Jan. 4.  
 Knitting machine. R. H. Lawson. 2,127,178; Aug. 16.  
 Knitting machine. L. H. Leedham and H. H. Holmes. 2,116,358; May 3.  
 Knitting machine. K. R. Lieberknecht. 2,120,336; June 14.  
 Knitting machine. K. R. Lieberknecht. 2,139,278; Dec. 6.  
 Knitting machine. K. R. Lieberknecht. 2,140,366; Dec. 13.  
 Knitting machine. V. Lombardi. 2,124,303-4; July 19.  
 Knitting machine. V. Lombardi. 2,127,224; Aug. 16.  
 Knitting machine. V. Lombardi. 2,130,769; Sept. 20.  
 Knitting machine. H. McAdams. 2,112,675; Mar. 29.  
 Knitting machine. E. F. Miller. 2,117,115; May 10.  
 Knitting machine. M. C. Miller. 2,126,797; Aug. 16.  
 Knitting machine. M. C. Miller. 2,134,727; Nov. 1.  
 Knitting machine. A. M. Müller. 2,123,739; July 12.  
 Knitting machine. R. S. Nogler. 2,110,915; Mar. 15.  
 Knitting machine. L. Robaczynski. 2,122,239; June 28.  
 Knitting machine. L. Robaczynski. 2,127,699; Aug. 23.  
 Knitting machine and method. R. H. Lawson and A. N. Cloutier. 2,123,284; July 12.  
 Knitting machine and method. H. A. Raynor. 2,120,187; June 7.  
 Knitting machine and method of knitting. R. C. Amidon. 2,136,368; Nov. 15.  
 Knitting machine and method of knitting. R. H. Lawson and A. N. Cloutier. 2,115,929; May 3.  
 Knitting machine and method of knitting. R. H. Lawson and A. N. Cloutier. 2,123,701; July 12.  
 Knitting machine and operating same. N. Levin. 2,141,042; Dec. 20.  
 Knitting machine and operating same. A. Pass. 2,125,197; July 26.  
 Knitting machine and process of knitting, Circular. W. N. Taggart. 2,117,920; May 17.  
 Knitting machine, Circular. I. W. Grothey. 2,117,245; May 10.  
 Knitting machine, Circular. H. H. Holmes. 2,106,872; Feb. 1.  
 Knitting machine, Circular. C. F. Manger, C. H. Waln-wright, and G. A. Buswell. 2,112,501; Mar. 29.  
 Knitting machine, Circular. F. Sander. 2,129,103; Sept. 6.  
 Knitting machine, Circular. C. Smith and J. L. Peter-son. 2,137,362; Nov. 22.  
 Knitting machine, Circular hand. S. Broadwin. 2,108,705; Feb. 15.  
 Knitting machine comprising needle jacks. L. H. Leed-ham and H. H. Holmes. 2,113,053; Apr. 5.  
 Knitting machine, Flat. A. Rinehart. 2,132,494; Oct. 11.  
 Knitting machine, Flat. H. W. Roesener. 2,132,496; Oct. 11.  
 Knitting machine, Flat rib. W. Heinitz. 2,109,423; Feb. 22.  
 Knitting machine, Flat rib. W. Heinitz. 2,120,750; June 14.  
 Knitting machine for drop-stitch work, Circular. J. H. Rice. 2,132,046; Oct. 4.  
 Knitting machine for making glove fingers. C. H. Usher. 2,117,122; May 10.  
 Knitting machine for plaiting and reverse plaiting. R. H. Lawson and A. N. Cloutier. 2,124,000; July 19.  
 Knitting machine, Independent needle. A. E. Page. 2,129,148; Sept. 6.  
 Knitting machine, Jacquard device controlled. H. Korb-er. 2,116,761; May 10.  
 Knitting machine of the double axially opposed needle cylinder type, Circular. E. Spiers and J. C. H. Hurd. 2,104,626; Jan. 4.  
 Knitting machine, Single and double cast-off. F. J. Kern. 2,139,756; Dec. 13.  
 Knitting machine, Spring needle. R. H. Lawson. 2,123,535; July 12.  
 Knitting machine, Straight. E. J. Berger. 2,114,646; Apr. 19.  
 Knitting machine, Straight. W. Heinitz. 2,107,985; Feb. 8.  
 Knitting machine, Straight-bar. H. W. and E. Start. 2,107,221; Feb. 1.  
 Knitting machine, Straight bar. H. W. and E. Start. 2,123,868; July 19.  
 Knitting machine, Straight-bar. H. W. and E. Start. 2,130,708; Sept. 20.  
 Knitting machine, Straight bar. G. Taylor. 2,132,135; Oct. 4.  
 Knitting machine, Tubular. R. H. Carhart. 2,136,934; Nov. 15.  
 Knitting machine with rectilinear needle beds. M. Cavero. 2,112,478; Mar. 29.  
 Knitting machine, yarn control. H. W. Sherman. 2,112,610; Mar. 29.  
 Knitting machine yarn housing structure. H. Janssen. 2,122,098; June 28.  
 Knitting machinery. W. J. Longtin. 2,120,939; June 14.  
 Knitting machinery. J. Morton and R. S. E. Hannay. 2,106,434; Jan. 25.  
 Knitting machines, Attachment for. E. C. Sherlin and W. Larkin. 2,133,748; Nov. 29.  
 Knitting machines, Device for regulating the length of the loops in straight bar. K. R. Lieberknecht. 2,140,240; Dec. 13.  
 Knitting machines, Plating device for. M. Zimic and A. Miskovsky. 2,139,790; Dec. 13.



- Knitting machines, Yarn tensioning means for. E. J. Berger. 2,114,647; Apr. 19.
- Knitting, Making of silk. H. Kakizaki. 2,136,589; Nov. 15.
- Knitting method and machine. H. E. Houseman. 2,134,480; Oct. 25.
- Knitting method and machine. W. L. Houseman. 2,134,479; Oct. 25.
- Knitting needle and method of use. V. Lombardi. 2,124,305; July 19.
- Knives of paper cutting machines, Removing and replacing. E. L. Mueller. 2,113,598; Apr. 12.
- Knob and making the same, Bag fastener. W. C. Hiering. 2,124,298; July 19.
- Knob and spindle connecting device. J. W. Tong. 2,111,254; Mar. 15.
- Knob fastening device. J. J. De Rome and L. R. Trepanier. 2,117,947; May 17.
- Knob, Indicator tap. F. C. Fisher. 2,137,668; Nov. 22.
- Knob lock. R. D. Muro. 2,117,203; May 10.
- Knob, Molded. K. W. Macksey. 2,107,204; Feb. 1.
- Knob, Radio dial. J. R. Young. 2,117,074; May 10.
- Knob, Spigot. J. E. Newman. 2,130,694; Sept. 20.
- Knob, Steering wheel spinner. J. R. Thorp. Re. 20,890; Oct. 18.
- Knobs to shafts, Connecting. G. A. Tinnerman. 2,136,160; Nov. 8.
- Knockdown container. O. Grimwood. 2,136,847; Nov. 15.
- Knock-down container. L. D. Pierce. 2,126,136; Aug. 9.
- Knock-down display device. J. V. Horr. 2,125,111; July 26.
- Knock-down display device. N. J. Leigh. 2,118,848; May 31.
- Knock-down structure. D. Roberts. 2,142,005; Dec. 27.
- Knocker for oil presses, Cake. S. Sims. 2,128,856; Aug. 30.
- Knockover device. W. Heinitz. 2,120,749; June 14.
- Knotted. E. J. Abbott. 2,128,896; Sept. 6.
- Knotted. T. C. Bromley and G. S. Helliwell. 2,125,423; Aug. 2.
- Knotted. E. L. Ramsey. 2,114,685; Apr. 19.
- K-strophanthine-B, Manufacture of. J. Renz. 2,129,285; Sept. 6.
- Label brushing device. C. Schmutzer and K. Manrodt. 2,118,527; May 24.
- Label, Can top. G. I. Chatfield. 2,114,465; Apr. 19.
- Label, Can top. T. M. Godfrey. 2,120,403; June 14.
- Label-feeding mechanism. C. W. Blackstone. 2,137,381; Nov. 22.
- Label grip finger mechanism. H. E. Rue. 2,118,418; May 24.
- Label pasting and lifting apparatus. P. Arndt. 2,133,239; Oct. 11.
- Label placing apparatus and method. J. Balton. 2,106,864; Feb. 1.
- Label placing method. J. B. Johnson. 2,124,670; July 26.
- Label pressing device. C. Holm. 2,116,790; May 10.
- Labeling machine. O. G. Brautigam. 2,122,554; July 5.
- Labeling machine. W. B. Locke. 2,131,227; Sept. 27.
- Labeling machine. H. Stake and A. W. Carlson. 2,105,847; Jan. 18.
- Labeling machine attachment. F. L. Darling. 2,115,061; Apr. 26.
- Labeling machine, Bottle top. D. Carlstein. 2,129,045; Sept. 6.
- Labels, Apparatus for cutting, embossing, and adhering. G. Papp and W. Meyer. 2,123,377; July 12.
- Lace fabric. O. Sauer. 2,141,409; Dec. 27.
- Lace, Filled. J. Brickner. 2,132,603; Oct. 11.
- Lacquer. W. D. Bowlby. 2,120,236; June 14.
- Lacquer enamel. R. K. Hazen. 2,141,911; Dec. 27.
- Lacquer, Nonlifting. C. Bogin. 2,125,484; Aug. 2.
- Lacquers and coating compositions, Manufacture of colored. A. Conzetti. 2,106,518; Jan. 25.
- Lacquers and film-forming coatings, Manufacture of colored. A. Conzetti. 2,106,519; Jan. 25.
- Lacquers, Cellulose acetobutyrate. W. E. Gloor. 2,111,446; Mar. 15.
- Lacquers containing oxidized cellulose acetate, Cellulose acetate. C. R. Fordyce and M. Salo. 2,132,869; Oct. 11.
- Lacquers, enamels, and the like, Apparatus for conditioning and dispensing. E. D. Holmes. 2,131,662; Sept. 27.
- Lactam of glutamic acid, Obtainment of the. G. Braun. 2,112,329; Mar. 29.
- Lactent liquids, Apparatus for sterilizing. C. E. Rogers. 2,122,954; July 5.
- Lactic fluids, Apparatus for treating. B. W. Hammer, H. C. Horneman, and M. E. Parker. 2,130,643; Sept. 20.
- Lactic fluids, Apparatus for treating. B. W. Hammer, H. C. Horneman, S. N. Quam, F. F. Lockwood, H. F. Beery, and M. E. Parker. 2,130,644; Sept. 20.
- Lactoflavins concentrates, Preparing. H. F. Selbert. 2,139,857; Dec. 13.
- Lactone and the manufacture of same, 3-keto-D-pentonic acid. T. Reichstein. 2,140,480; Dec. 13.
- Lactose from whey, Recovery of. A. Leviton. 2,110,031; May 10.
- Ladder. H. J. Carbis. 2,120,174; Aug. 9.
- Ladder. O. M. Kirlin. 2,127,035; Aug. 14.
- Ladder. G. W. Quinn. 2,113,282; Apr. 5.
- Ladder, Adjustable. H. C. Wertz. 2,139,479; Dec. 6.
- Ladder and safety elevator, Fire. M. Honig. 2,109,196; Feb. 22.
- Ladder, Automatic leveling. W. A. Warren and C. E. Bowers. 2,109,787; Mar. 1.
- Ladder construction. P. N. Howard. 2,104,303; Jan. 4.
- Ladder, Fish. E. E. Kuehl. 2,121,968; June 28.
- Ladder, Flexible utility. F. Botinger and C. Schreier. 2,129,401; Sept. 6.
- Ladder, Folding. P. Zeman. 2,127,949; Aug. 23.
- Ladder holder. C. S. Herrmann and F. J. Ott. 2,134,823; Nov. 1.
- Ladder leveling attachment. H. M. Overpeck. 2,127,884; Aug. 23.
- Ladder, Portable aerial. A. J. and J. T. Kiley. 2,116,470; May 3.
- Ladder, Scaffold. R. A. Uecker, I. G. Rambo, and E. H. Simpson. 2,125,829; Aug. 2.
- Ladder web, Triple warp. G. F. French. 2,141,038; Dec. 20.
- Ladle. C. P. Astrom. 2,107,267; Feb. 8.
- Ladle. R. S. A. Dougherty. 2,135,658; Nov. 8.
- Ladle. E. R. O'Neil. 2,115,535; Apr. 26.
- Ladle, Covered. M. W. Goldberg and W. W. Drissen. 2,122,032; June 28.
- Ladle, Foundry. T. D. Lucier. 2,113,894; Apr. 12.
- Ladles, Manufacturing. M. W. Goldberg and W. W. Drissen. 2,134,785; Nov. 1.
- Lagging. C. A. Gustafson. 2,119,578; June 7.
- Lagging. R. B. Hayward. 2,110,625; Mar. 8.
- Laminated article. J. W. Haight. 2,109,587; Mar. 1.
- Laminated article. J. W. Haight. 2,136,436; Nov. 15.
- Laminated construction and method. R. J. Gearson. 2,116,828; May 10.
- Laminated disk clutch. H. Kattwinkel. 2,137,977; Nov. 22.
- Laminated fabric. G. Seddon. 2,116,984; May 10.
- Laminated product. A. A. Robinson. 2,105,268; Jan. 11.
- Laminated spring. H. Reinz. 2,126,042; Aug. 9.
- Laminated structure. P. T. Lansdem. 2,118,048; May 24.
- Laminated structure. H. J. Woodall and M. S. Randall. 2,134,495; Oct. 25.
- Lamination. I. Gurwick. 2,129,929; Sept. 13.
- Lamp: See—
- Adjustable electric lamp. Gaseous electric discharge lamp.
- Adjustable lamp. Glow lamp.
- Arc lamp. Incandescent electric lamp.
- Automobile head lamp. Incandescent lamp.
- Automobile lamp. Incandescent Nernst lamp.
- Battery hand lamp. Mercury vapor arc lamp.
- Bed lamp. Mercury vapor lamp.
- Bicycle lamp. Metal vapor lamp.
- Cathodic lamp. Multifilament lamp.
- Discharge lamp. Oscillatory lamp.
- Electric arc lamp. Portable lamp.
- Electric battery lamp. Reflecting electric lamp.
- Electric current rare gas lamp. Reflecting incandescent lamp.
- Electric discharge lamp. Signal lamp.
- Electric head lamp. Signaling lamp.
- Electric incandescent lamp. Sodium lamp.
- Electric lamp. Spot lamp.
- Emergency lamp. Stop and tail lamp.
- Fender lamp. Studio lamp.
- Flash lamp. Vehicle head lamp.
- Fluorescent lamp. Vehicle lamp.
- Gas arc lamp. Vibrationproof lamp.
- Gaseous discharge lamp.
- Lamp. L. S. Greenmun. 2,121,102; June 21.
- Lamp. R. Kovac. 2,122,775; June 28.
- Lamp. R. K. Lee. 2,114,350; Apr. 19.
- Lamp. J. T. Renholdt. 2,125,358; Aug. 2.
- Lamp. H. R. Robinson and A. J. C. Knudstrup. 2,130,447; Sept. 20.
- Lamp. H. Sadacca. 2,114,194; Apr. 12.
- Lamp. S. Sher. 2,115,883; May 3.
- Lamp. M. Weaver. 2,118,749; May 24.
- Lamp. E. D. Williamson. 2,131,828; Oct. 4.
- Lamp. A. J. Yeager. 2,135,689; Nov. 8.
- Lamp and arc, High intensity projector. T. O. Hall. 2,128,743; Aug. 30.
- Lamp and display device, Combination. R. W. Simpson. 2,141,769; Dec. 27.
- Lamp and fluorescent material therefor. Fluorescent. G. R. Fonda and R. P. Johnson. 2,141,995; Dec. 27.
- Lamp and manufacture thereof, Electric. W. J. Gager. 2,115,575; Apr. 26.
- Lamp and manufacture thereof, Electric. W. J. Gager. 2,132,368; Oct. 4.
- Lamp and mounting for the same, Vehicle. N. P. Warden. 2,138,082; Nov. 29.
- Lamp and similar article, Electric incandescent high pressure gas. H. Swanson. 2,137,732; Nov. 22.
- Lamp and similar device, Incandescent. P. O. Garton. 2,105,404; Jan. 11.
- Lamp and table construction. F. Kuebler. 2,121,049; Sept. 27.
- Lamp attachment fixture, Electric. A. H. Stutcher and M. W. Lill. 2,107,914; Feb. 8.
- Lamp attachment means. L. W. Bragg. 2,129,844; Sept. 13.
- Lamp base and socket, Tubular. A. J. Mendenhall. 2,137,174; Nov. 15.



- Lamp bulb, Electric. L. E. Calkins and O. S. Levi. 2,108,847; Feb. 22.
- Lamp bulb mounting. C. A. Michel and H. C. Mead. 2,139,374; Dec. 6.
- Lamp bulb seat and socket combination, Miniature electric. P. Kollman. Re. 20,937; Dec. 6.
- Lamp bulbs, Making inside frosted electric. L. E. Calkins and O. S. Levi. 2,122,512; July 5.
- Lamp burner. A. Menna. 2,132,119; Oct. 4.
- Lamp construction. C. W. Anklaam. 2,138,056; Nov. 29.
- Lamp construction. C. E. Godley. 2,108,286; Feb. 15.
- Lamp construction. A. and J. Hollins. 2,138,579; Nov. 29.
- Lamp device, Gaseous electric discharge. N. W. H. Addink, J. H. de Boer, P. M. V. Alphen, and G. Zecher. 2,135,690; Nov. 8.
- Lamp device, Gaseous electric discharge. H. Krefft and A. Rüttenauer. 2,135,718; Nov. 8.
- Lamp filament, Incandescent metallic. C. A. Laise. 2,114,426; Apr. 19.
- Lamp fixture. W. E. Belcher. 2,136,369; Nov. 15.
- Lamp flasher. O. M. Shattuck and M. E. Fulk. 2,129,882; Sept. 13.
- Lamp for colored light treatment. G. E. Kothe. 2,127,604; Aug. 23.
- Lamp for road vehicles. D. M. Peill and N. Macintyre. 2,123,435; July 12.
- Lamp for the projection of colored pictures, Reflector arc. E. Gretener. 2,107,148; Feb. 1.
- Lamp for vehicles, Head. G. Trippe. 2,123,125; July 5.
- Lamp fuse protector. W. E. Anderson and J. A. Linder. 2,139,252; Dec. 6.
- Lamp, heater and fan, Combination. S. S. Conforti. 2,133,188; Oct. 11.
- Lamp holder. H. H. Helmbright. 2,136,246; Nov. 8.
- Lamphouse, Photographic enlarger. W. F. G. Bell. 2,117,754; May 17.
- Lamp houses, Ventilating of. D. L. Wood. 2,135,996; Nov. 8.
- Lamp housings, Making. B. S. Floraday. 2,116,345; May 3.
- Lamp joint. H. A. Perlmutter. 2,133,923; Oct. 18.
- Lamp joint and adapter. V. Follet. 2,119,987; June 7.
- Lamp making apparatus. W. J. Geiger and R. J. Ayres. 2,132,369; Oct. 4.
- Lamp mount, Multiple. E. Ross and P. Haas. 2,111,807; Mar. 22.
- Lamp mounting. N. P. Worden. 2,115,982; May 3.
- Lamp or similar device, Electric. P. O. Cartun. 2,114,175; Apr. 12.
- Lamp or similar device, Electric. P. O. Cartun. 2,116,384; May 3.
- Lamp structure. H. D. Kennelly. 2,132,302; Oct. 4.
- Lamp structure. N. P. Worden and H. S. Pedersen. 2,138,083; Nov. 29.
- Lamp switching mechanism. A. J. Poté. 2,106,413; Jan. 25.
- Lamp system, Discharge. E. F. W. Alexanderson. 2,135,268; Nov. 1.
- Lamp testing apparatus, Head. R. N. Falge. 2,111,585; Mar. 22.
- Lamp unit. H. Baumhauer and W. Fehse. 2,135,696; Nov. 8.
- Lamp unit, Electric. H. A. Douglas. 2,110,132-3; Mar. 8.
- Lamp unit, Electric. H. A. Douglas. 2,110,136-7; Mar. 8.
- Lamp with automatic regulation of the negative electrode, Arc. H. Beck. 2,123,645; July 12.
- Lamp with cord take-up device, Floor. E. J. Hauser. 2,141,909; Dec. 27.
- Lamps, Manufacture of electric incandescent. R. E. Leeds and B. P. Dudding. 2,114,190; Apr. 12.
- Lamps, Method and apparatus for prefocusing. D. E. Elmendorf. 2,136,237; Nov. 8.
- Lamps, Ring-shaped element of prismatic section for improving the luminosity of electric. A. Gunsbourg. 2,123,942; July 19.
- Land leveler. J. A. Glenn. 2,141,690; Dec. 27.
- Land measuring instrument. E. S. Gandrud. 2,121,867; June 28.
- Land vehicle. G. A. Collender. 2,139,937; Dec. 13.
- Landing beam transmitter, Directional. A. Gothe. 2,138,448; Nov. 29.
- Landing device for airplanes, Safety. Z. E. Keough. 2,137,672; Nov. 22.
- Landing gear. C. G. Seyferth. 2,119,249; May 31.
- Landing gear. C. G. Seyferth. 2,137,703; Nov. 22.
- Landing gear, Actuating an airplane retractable. R. K. Giovannoli. 2,138,030; Nov. 29.
- Landing gear, Aeroplane. E. R. Gonzales. 2,112,390; Mar. 29.
- Landing gear, Retractable. C. H. Kingham. 2,140,264; Dec. 13.
- Landing light, Retractable. D. L. Bruner. 2,123,050; July 19.
- Landing means for aircraft. K. Baumann and A. Ettinger. 2,132,549; Oct. 11.
- Lantern. R. A. Currie. 2,128,767; Aug. 30.
- Lantern base support and lamp socket. W. M. Moxley. 2,127,123; Aug. 16.
- Lantern burner, Storm. B. Nier. 2,120,907; June 14.
- Lantern, Electric. H. O. Patt. 2,118,656-7; May 24.
- Lantern, Electric hand. C. H. Larson. 2,140,159; Dec. 13.
- Lantern, Hurricane. B. Nier. 2,105,292; Jan. 11.
- Lantern, Storm. B. Nier. 2,105,432; Jan. 11.
- Lap evenner. J. T. Tice. 2,109,936; Mar. 1.
- Lap preventer. W. M. Camp. 2,123,499; July 12.
- Lap retruing machine. R. S. Duke. 2,122,056; June 28.
- Lapping, Apparatus for. L. F. Nenninger. 2,111,271; Mar. 15.
- Lapping compounds. A. Lindenberg. 2,120,442; June 14.
- Lapping device. R. R. Searles. 2,141,491; Dec. 27.
- Lapping machine. R. S. Drummond. 2,111,045; Mar. 15.
- Lapping machine. W. F. Egger. 2,121,025; June 21.
- Lapping machine. G. E. Hulbert and H. S. Indge. 2,142,057; Dec. 27.
- Lapping machine. R. H. Lawson and W. Jackson. 2,135,186; Nov. 1.
- Lapping machine and method. G. P. Passmore. 2,131,638; Sept. 27.
- Larvicide and preparing same. W. D. Martin. 2,141,087; Dec. 20.
- Last. P. Borda. 2,138,902; Dec. 6.
- Last. A. Naceski. 2,111,512; Mar. 15.
- Last. W. H. Nutt. 2,131,846; Oct. 4.
- Last. D. F. Walker and W. S. Anderson. 2,135,546; Nov. 8.
- Last, Darning. I. B. Peckham. 2,110,916; Mar. 15.
- Last for orthopedic shoes. P. Schwenker. 2,134,209; Oct. 25.
- Last, Shoe. J. Harydczak. 2,107,250; Feb. 1.
- Last, Shoe. P. Selendi. 2,130,197; Sept. 13.
- Last, Sole-pressing. K. Sandt. 2,135,016; Nov. 1.
- Lasting conveyer. B. T. Gialdini. 2,114,486; Apr. 19.
- Lasting machine. J. W. Barna. 2,133,942; Oct. 25.
- Lasting machine. A. Bates. 2,109,563; Mar. 1.
- Lasting machine. R. E. Duplessis. 2,108,166; Feb. 15.
- Lasting machine. E. A. Holmgren. 2,138,099; Nov. 29.
- Lasting machine. J. C. Jorgensen. 2,108,171; Feb. 15.
- Lasting machine. J. C. Jorgensen. 2,115,722; May 3.
- Lasting machine. J. C. Jorgensen. 2,117,331; May 17.
- Lasting machine. J. C. Lisbon. 2,117,336; May 17.
- Lasting machine. T. Roberts. 2,131,847; Oct. 4.
- Lasting machine. W. T. B. Roberts. 2,134,148; Oct. 25.
- Lasting machine. W. T. B. Roberts. 2,138,308; Nov. 29.
- Lasting machine. W. T. B. Roberts. 2,140,652; Dec. 20.
- Lasts, Apparatus for use in remodeling. C. E. Harriman and E. C. Robinson. 2,123,137; July 5.
- Lasts, Remodeling. G. Clausung. 2,139,442; Dec. 6.
- Latch: See—
- |                                 |                        |
|---------------------------------|------------------------|
| Automatic brake latch.          | Lock-latch.            |
| Bag latch.                      | Motor vehicle latch.   |
| Bench builder and safety latch. | Night latch.           |
| Cabinet door latch.             | Refrigerator latch.    |
| Cabinet latch.                  | Safety latch.          |
| Door latch.                     | Shutter trigger latch. |
| Elevator latch.                 | Spring latch.          |
| Hood latch.                     | Vehicle door latch.    |
| Hood safety latch.              | Window latch.          |
- Latch. Bluehdorn and F. K. Howard. 2,108,040; Feb. 15.
- Latch. W. N. Edwards. 2,135,209; Nov. 1.
- Latch. C. W. Geske. 2,111,064; Mar. 15.
- Latch. F. E. Gray. 2,108,965; Feb. 22.
- Latch. H. M. Kilpatrick. 2,107,299; Feb. 8.
- Latch. H. A. Knauff. 2,135,105; Nov. 1.
- Latch. L. H. Lehman. 2,110,336; Mar. 8.
- Latch. G. E. Roedding and G. B. Nelson. 2,113,747; Apr. 12.
- Latch. L. F. Weddle. 2,107,066; Feb. 1.
- Latch and handle mechanism. L. Anderson. 2,123,866; July 19.
- Latch and lock. H. G. Bedell. 2,136,408; Nov. 15.
- Latch bolt and retractor bar structure. W. R. Schlage. 2,125,655; Aug. 2.
- Latch construction. F. W. McCormick. 2,125,515; Aug. 2.
- Latch for casing cutters and the like. I. Thomas. 2,118,242; May 24.
- Latch for high chair tables. S. and N. J. Kroll. 2,115,860; May 3.
- Latch for ice cream freezers, Bridge. J. J. Gough. 2,112,696; Mar. 29.
- Latch for machine guns, Back plate. S. G. Green. 2,108,060; Feb. 15.
- Latch for pistols, Cartridge magazine. W. L. Huff. 2,137,491; Nov. 22.
- Latch handle structure, Vehicle door. L. E. Clinker. 2,117,943; May 17.
- Latch mechanism. A. L. Knapp. 2,122,612; July 5.
- Latch mechanism and operating means therefor. G. P. Wild. 2,120,534; June 14.
- Latch mechanism, Door. G. D. Lindstrom and E. North. 2,138,251; Nov. 29.
- Latch operating means. G. D. Lindstrom and E. North. 2,128,535; Aug. 30.
- Latch operating mechanism. J. L. Oldham. 2,125,518; Aug. 2.
- Latch operating mechanism, Door. R. E. Gale. 2,117,160; May 10.
- Latch operating mechanism for automobiles. C. Knott. 2,136,854; Nov. 15.
- Latch plate, Safety. D. R. Richardson. 2,104,309; Jan. 4.



- Latch structure, Door. H. J. Murphy. 2,121,530-1; June 21.
- Latching device. J. W. Albin. 2,110,435; Mar. 8.
- Latching mechanism. W. T. Parker. 2,130,856; Sept. 20.
- Latex and product thereof, Treating. D. Spence. 2,126,831; Aug. 16.
- Latex and treating latex, Treated. C. W. Wilson. 2,132,064; Oct. 4.
- Latex article. A. N. Spánel. 2,119,497; May 31.
- Latex article, Apparatus for making. A. N. Spánel. 2,119,496; May 31.
- Latex articles, Making sheet. A. N. Spánel. 2,120,720; June 14.
- Latex from rubber-producing plants, Preparation of. D. Spence. 2,119,030; May 31.
- Latex, Production of. J. McGavack. 2,126,268; Aug. 9.
- Latex, Treatment of. W. T. L. Ten Broeck. 2,123,862; July 12.
- Latex, Vulcanizing. F. F. Schwartz. 2,120,579; June 14.
- Lath, Expanded metal. E. T. Redding and A. V. Spinosa. 2,131,670; Sept. 27.
- Lath, Expanded metal. M. G. Vass. 2,133,258; Oct. 11.
- Lathe. L. A. Carter. 2,118,489; May 24.
- Lathe. F. A. Fritzsche. 2,105,913; Jan. 18.
- Lathe. F. T. Potter. Re. 20,797; July 12.
- Lathe. K. Tessky. 2,113,668; Apr. 12.
- Lathe. K. Tessky. 2,124,216; July 19.
- Lathe attachment. G. O. Enochson. 2,105,687; Jan. 18.
- Lathe bed, Surface hardening. P. A. Abe. 2,138,811; Dec. 6.
- Lathe, Center drive camshaft. W. F. Groene and R. M. Bacon. 2,124,347; July 19.
- Lathe chuck. P. L. Bowser. 2,119,004; May 31.
- Lathe, Crank pin. A. Christensen. 2,127,584; Aug. 23.
- Lathe dog. A. C. Pacher. 2,129,476; Sept. 6.
- Lathe, Four-spindle drum type crankshaft. W. F. Groene and W. R. Meyer. 2,138,522; Nov. 29.
- Lathe hand gauge. J. Meluzin. 2,125,682; Aug. 2.
- Lathe, Jar ring. H. Gora. 2,122,204; June 28.
- Lathe, Multiple spindle automatic. F. L. Cone. 2,114,177; Apr. 12.
- Lathe, Multiple spindle automatic. C. E. Miller. 2,130,809; Sept. 20.
- Lathe, Orbital. W. F. Groene. 2,138,964; Dec. 6.
- Lathe, Orbital broaching. W. L. Groene and E. R. Shipley. 2,126,462; Aug. 9.
- Lathe tool. K. N. Nichols. 2,104,238; Jan. 4.
- Lathe transmission, Hydraulic. W. F. Groene, R. M. Bacon, and H. J. Siekmann. 2,124,348; July 19.
- Lathe, Turning. W. Swift and L. R. Perkins. 2,127,792; Aug. 23.
- Lathe with horizontal faceplate. A. Holtmeier. 2,135,640; Nov. 8.
- Lather dispenser. W. J. Dobkin. 2,139,735; Dec. 13.
- Laundering unit for silk hosiery. P. J. Murray. 2,135,780; Nov. 8.
- Laundry apparatus. F. Balzer. 2,112,225; Mar. 29.
- Laundry drier. G. D. Chadeayne. 2,135,493; Nov. 8.
- Laundry listing machine. G. H. Lang. 2,119,713; June 7.
- Laundry machine. J. B. Kirby. 2,105,218; Jan. 11.
- Laundry machine. J. B. Kirby. 2,109,620; Mar. 1.
- Laundry machine. J. B. Kirby. 2,116,759; May 10.
- Laundry machine. N. Stramaglia. 2,110,246; Mar. 8.
- Laundry machine. W. K. Voss. 2,133,234; Oct. 11.
- Laundry machine. W. K. Voss and N. L. Etten. 2,133,233; Oct. 11.
- Laundry machine. L. Zimarik. 2,111,037; Mar. 15.
- Laundry machine and method. J. B. Kirby. 2,137,775; Nov. 22.
- Laundry unit. R. G. Curtis. 2,117,406; May 17.
- Lavatory, Sanitary. C. M. Allen. 2,116,133; May 3.
- Lavatory unit. G. Sakier. 2,130,196; Sept. 13.
- Lawn chair. R. E. Lankton. 2,118,676; May 24.
- Lawn cleaning and fertilizing machinery. M. S. Barnes. 2,105,803; Jan. 18.
- Lawn tool. E. A. Nellis. 2,133,208; Oct. 11.
- Lawn trimming device. E. A. Gast. 2,132,465; Oct. 11.
- Laxative. F. Hoelzel. 2,111,286; Mar. 15.
- Layers containing bleaching-out dyes. B. Wendt. 2,130,572; Sept. 20.
- Layers for photographic purposes and material therefor, Producing colored colloid. B. Gaspar. 2,137,336; Nov. 22.
- Layers, Producing metallic. B. Loewe. 2,114,665; Apr. 19.
- Leaching and precipitating process and apparatus. J. L. Burnett. 2,136,372; Nov. 15.
- Leaching precipitation flotation process. H. E. Keyes. 2,130,278; Sept. 13.
- Lead, Alkali solution of. A. Stewart. 2,110,745; Mar. 8.
- Lead alloys, Refining. W. T. Butcher. 2,115,299; Apr. 26.
- Lead and cadmium from zinc ores, Separating. R. W. Hyde. 2,116,203; May 3.
- Lead and lead alloys, Welding. A. A. Smith, Jr. 2,122,185; June 28.
- Lead and method of production, White. E. D. Turnbull. 2,115,090; Apr. 26.
- Lead and/or tin metal, Treating impure. F. Reins. 2,129,445; Sept. 6.
- Lead arsenate, Effecting solution of. N. M. Mnookin and V. E. Speas. 2,108,563; Feb. 15.
- Lead arsenate in finely divided form, Making. V. E. Speas and N. M. Mnookin. 2,108,553; Feb. 15.
- Lead borate, Manufacture of. S. W. Stockdale, E. F. Weaver, and S. P. Tinnis. 2,104,549; Jan. 4.
- Lead compounds, Making. R. L. Sessions. 2,109,755; Mar. 1.
- Lead extrusion apparatus. A. J. N. Duclos. 2,110,988; Mar. 15.
- Lead glazes, Production of. H. Harkort. 2,125,632; Aug. 2.
- Lead-manganese naphthenate, Manufacture of. G. M. Fisher. 2,116,884; May 10.
- Lead, Manufacture of white. P. La F. Magill. 2,106,555; Jan. 25.
- Lead or lead alloys, Treating. W. T. Butcher. 2,115,300; Apr. 26.
- Lead ores, Working up of. K. R. Göhre. 2,116,679; May 10.
- Lead, Purification of. L. S. Deitz, Jr. 2,133,433; Oct. 18.
- Lead, Purifying impure. F. Leferrer. 2,110,445-6; Mar. 8.
- Lead recovery. F. F. Frick and J. P. Cooper. 2,104,076; Jan. 4.
- Lead, Refining. B. M. O'Harra and R. L. Hallows. 2,109,707; Mar. 1.
- Lead styphtate and making it, Basic. W. Brun. 2,137,234; Nov. 22.
- Lead titanate and making the same, Pigmentary. H. Espenschied. 2,140,222; Dec. 13.
- Lead welding. U. B. Thomas, Jr. 2,123,455; July 12.
- Lead which contains bismuth, Refining. L. E. Jollivet. 2,133,327; Oct. 18.
- Lead-in for electron discharge devices. H. Vatter. 2,107,353; Feb. 8.
- Lead-in for radio receivers. L. H. Van Billiard. 2,129,540; Sept. 6.
- Lead-in, Transposed. F. E. Johnston. 2,135,344; Nov. 1.
- Leads, Roasting pencil. R. Zückert. 2,140,825; Dec. 20.
- Leaf machinery. J. Gough. 2,127,113; Aug. 16.
- Leaf spring. N. Wyeth. 2,118,534; May 24.
- Leaf spring. D. R. M. Yates. 2,127,077; Aug. 16.
- Leafed article. G. S. Lewis. 2,105,696; Jan. 18.
- Leak check for hydraulic brakes. R. H. Stone. 2,127,849; Aug. 23.
- Leak mending device. M. W. Gerson. 2,123,105; July 5.
- Leak-sealing and rust preventing composition. C. A. Benoit. 2,129,459; Sept. 6.
- Leakage system for hydraulic apparatus, Constant. R. W. Dinzl. 2,117,303; May 17.
- Lease forming mechanism. W. J. Oothout. 2,111,937; Mar. 22.
- Lease forming mechanism for slashers. W. H. Selley. 2,111,946; Mar. 22.
- Leases, Forming. N. Bernhart. 2,111,660; Mar. 22.
- Leasing mechanism for warping machines. T. F. Suggs. 2,116,179; May 3.
- Leather and similarly tautly stretched units, Drying. A. O. Hurxthal. Re. 20,745; May 31.
- Leather and similarly tautly stretched units, Drying. A. O. Hurxthal. 2,109,425; Feb. 22.
- Leather articles, Finishing. H. Freudenberg and P. Haas. 2,126,321; Aug. 9.
- Leather, Artificial. M. M. Brubaker and L. P. Hubbuch. 2,121,684; June 21.
- Leatherboard, Making. H. W. Richter. 2,128,965; Sept. 6.
- Leather carrying case. F. Mashek. 2,113,921; Apr. 12.
- Leather cemented articles. H. Cooper. 2,132,399; Oct. 11.
- Leather cutting machine. W. C. Shields. 2,121,716; June 21.
- Leather, Decorating. W. H. Barrett. 2,130,222; Sept. 13.
- Leather, Decorating and decorated. W. H. Barrett. 2,130,221; Sept. 13.
- Leather, Drying. J. R. Akers. 2,126,712; Aug. 16.
- Leather, Drying. W. S. Shaw and H. S. Shaw. 2,113,035; Apr. 5.
- Leather dyeing machine. M. F. Flynn. 2,110,833; Dec. 20.
- Leather dyed with mono- or disazo dyestuffs. F. Feldner, G. Mauche, and H. Noorr. 2,110,304; Mar. 8.
- Leather, Dyeing of. J. Burchill. 2,117,699; May 17.
- Leather finish, Imitation. H. G. Kittredge. 2,124,703; July 26.
- Leather, Iron-tanned. H. Dohse and W. Huelm. 2,122,133; June 28.
- Leather, Lubricating of. A. O. Jaeger. 2,115,399; Apr. 26.
- Leather lubrication. A. O. Jaeger. 2,118,568; May 24.
- Leather Making Machine. S. Troy. 2,116,822; Nov. 8.
- Leather, Manufacture of. G. Mauche and H. Noorr. 2,129,891; Sept. 13.
- Leather, Method of and machine for attaching. N. Fried. 2,125,323; July 26.
- Leather or hides with mineral tanning, and method of. J. Jablonski and K. Lechner. 2,111,311; Apr. 12.
- Leather or similar good, Surface, Staining. 2,111,311; Apr. 12.
- Leather or the like, Apparatus for processing or pressing. S. F. Rosenberg. 2,108,178; Feb. 15.
- Leather or the like, Method of and machine for softening. H. F. Kleinhardt. 2,132,945; July 5.



- Leather particularly shoes, Liquid for treating. V. P. LoBianco. 2,118,932; May 31.
- Leather polishing apparatus. M. A. Buckley. 2,109,687; Mar. 1.
- Leather, Preparing chamois. G. R. Gasnier. 2,136,433; Nov. 15.
- Leather printing and tipping machine. P. Dornbusch. 2,113,614; Apr. 12.
- Leather surfaces, Apparatus for roughing. H. Gordon. 2,120,835; June 14.
- Leather, Treatment of. C. H. Campbell. 2,133,224; Oct. 11.
- Leather, Treatment of. J. A. Wilson. 2,105,446; Jan. 11.
- Leg rest, Resiliently mounted. F. A. Rausch. 2,112,678; Mar. 29.
- Leg straightening attachment. A. Rottke, g. Zenner, and E. Rottke. 2,120,713; June 14.
- Leg structure, Pivoted. O. Jones. 2,137,720; Nov. 22.
- Leg support. G. L. Bees. 2,110,005; Mar. 1.
- Lehr, Annealing. W. O. Ainsler. 2,120,452; June 14.
- Lehr construction. J. F. Greene. 2,129,057; Sept. 6.
- Lehr, Glass annealing. C. Cone. 2,140,786; Dec. 20.
- Lens. C. V. Bergstrom. 2,141,159; Dec. 27.
- Lens. R. N. Falge. 2,137,079; Nov. 15.
- Lens. R. T. and T. A. Killman. 2,128,365; Aug. 30.
- Lens. B. Spero. 2,133,585; Oct. 18.
- Lens. A. Warmisham. 2,130,760; Sept. 20.
- Lens and diaphragm assembly. T. M. Brueck. 2,129,562; Sept. 6.
- Lens and diaphragm assembly. T. M. Brueck. 2,141,681; Dec. 27.
- Lens and making same. F. D. Kinney. Re. 20,929; Nov. 29.
- Lens and manufacturing the same. E. H. Titmus. 2,140,410; Dec. 13.
- Lens. Bifocal. D. Slotsky. 2,129,243; Sept. 6.
- Lens blanks, Method and apparatus for positioning multifocal. L. G. Simpson. 2,117,221; May 10.
- Lens, Contact. A. F. Dittmer. 2,133,498; Oct. 18.
- Lens, Contact. W. Feinbloom. 2,129,304-5; Sept. 6.
- Lens for asymmetric head lamps. J. L. Koubek. 2,137,055; Nov. 15.
- Lens for photography and the like. H. W. Lee. 2,117,252; May 10.
- Lens grinding and polishing machine. L. L. Houchin. 2,105,691; Jan. 18.
- Lens grinding machine. C. E. Evans. 2,112,836; Apr. 5.
- Lens mount. G. Laube and C. M. Miller. 2,116,704; May 10.
- Lens mount. J. C. Sabel. 2,141,317; Dec. 27.
- Lens mount construction. O. Wittel. 2,110,477; Mar. 8.
- Lens mount, Process. A. Murray. 2,124,889; July 26.
- Lens mounting. W. F. Hunkeler. 2,105,420; Jan. 11.
- Lens, Ophthalmic. M. A. Laabs. 2,133,994; Oct. 25.
- Lens, Ophthalmic. E. D. Tillyer. 2,125,056; July 26.
- Lens, Spectacle. C. E. Evans. 2,109,474; Mar. 1.
- Lens surfacing machine. J. J. McCabe. 2,141,308; Dec. 27.
- Lens surfacing machine. J. J. McCabe and G. C. Schelling. 2,141,309; Dec. 27.
- Lens system. L. Bertele. 2,141,733; Dec. 27.
- Lens system. L. J. R. Holst, W. Mayer, and H. R. Menefee. 2,130,347; Sept. 20.
- Lens system, Adjustable. K. N. Ogle. 2,107,305; Feb. 8.
- Lens system, Condenser. L. Bertele. 2,140,979; Dec. 20.
- Lens system for color photography and cinematography. A. P. Plahn. 2,109,596; Mar. 1.
- Lens testing instrument. E. D. Tillyer. 2,129,889; Sept. 13.
- Lens, Traffic signal. H. H. Hess. 2,138,545; Nov. 29.
- Lenses, Abrading. K. C. Burroughs. 2,129,522; Sept. 6.
- Lenses, Making. E. J. Reh. 2,112,659; Mar. 29.
- Lenses, Method and means for abrading. C. E. Anderson. 2,105,175; Jan. 11.
- Lenses, Testing ophthalmic. A. Ames, Jr., and K. N. Ogle. 2,114,282; Apr. 19.
- Letter or order form, check, and return envelope, Combination. E. B. Berkowitz. 2,116,230; May 3.
- Letters and similar papers in letter sorting apparatus, Device for guiding and stacking. J. M. L. Marchand. 2,124,858; July 26.
- Lettuce and the like, Refrigerating. W. Dodge. 2,124,412; July 19.
- Leuco derivatives of indigoid dyes, Unsymmetrical modified. A. L. Fox. 2,136,428; Nov. 15.
- Leuco derivatives of triphenylmethane and their production, Polyhydroxy. Z. Földi. 2,116,827; May 10.
- Leucoindigo. A. Davidson and C. H. Lumsden. 2,130,878; Sept. 20.
- Levee. W. Dorn. 2,114,916; Apr. 19.
- Levees and the like, Apparatus for constructing. F. C. Rubloff. 2,106,189; Jan. 25.
- Level. G. R. Erickson. 2,111,094; Mar. 15.
- Level. A. Langsner. 2,127,302; Aug. 16.
- Level compensator for telegraph systems. D. K. Gannett. 2,138,963; Dec. 6.
- Level device, Fan-type constant. L. V. McCarty. 2,133,556; Oct. 18.
- Level, Hand. M. Leopold. 2,137,776; Nov. 22.
- Level indicating device. B. H. Flynn. 2,105,034; Jan. 11.
- Level indicator, Electric. G. A. Thompson. 2,120,771; June 14.
- Level indicator, Stable double mechanical. G. Soltesz. 2,113,062; Apr. 5.
- Level of liquid in a bore hole, Apparatus for exploring the. S. A. Scherbatsky and J. Neufeld. 2,134,428; Oct. 25.
- Level, Spirit. L. Milner. 2,130,647; Sept. 20.
- Leveler. R. H. Harsh. 2,134,444; Oct. 25.
- Leveler, Land. R. D. Haycock and A. L. Turner. 2,128,532; Aug. 30.
- Leveler, Land. J. R. Marvin. 2,124,625; July 26.
- Leveling device. P. S. Stevens. 2,128,273; Aug. 30.
- Leveling instrument. P. Grieve. 2,109,044; Feb. 22.
- Leveling means for hearses and other vehicles, Automatic. E. and A. Richter. Re. 20,710; Apr. 26.
- Leveling system for elevators, Automatic. J. H. Bartholomew. 2,125,876; Aug. 9.
- Levelizer. B. G. Harley. 2,136,614; Nov. 15.
- Levelizer for automobiles, Hydraulic. R. W. Moore. 2,137,947; Nov. 22.
- Levelizer for road maintaining apparatus. L. H. Lull. 2,108,541; Feb. 15.
- Lever, Adjustable control. V. J. Dodd. 2,108,745; Feb. 15.
- Lever and linkage, Automatic. R. C. Russell. 2,136,023; Nov. 8.
- Lever, Brake. D. B. Dickerson. 2,141,266; Dec. 27.
- Lever construction. H. S. Jandus. 2,126,392; Aug. 9.
- Lever, Control. L. D. Boyce. 2,125,538; Aug. 2.
- Lever, Hand operated brake. F. D. Wenn. 2,141,778; Dec. 27.
- Lever mechanism. F. W. Pooley. 2,112,607; Mar. 29.
- Lever, Operating. C. Opolo. 2,139,094; Dec. 6.
- Lever, Pull. W. M. Baumheckel. 2,136,095; Nov. 8.
- Lever, Two hand safety. F. Barney. 2,133,526; Oct. 18.
- Library construction. A. S. Macdonald. 2,125,302; Aug. 2.
- License plate and direction signal for motor vehicles, Combination. E. McAlpin. 2,131,962; Oct. 4.
- License plate carrier. J. Kiss. 2,104,230; Jan. 4.
- License plate fastener. F. J. Peters. 2,123,796; July 12.
- License plate frame. W. N. Schnell. 2,138,124; Nov. 29.
- License plate holder. R. L. Anderson. 2,121,677; June 21.
- License plate holder. A. A. Marks. 2,108,591; Feb. 15.
- License plate holder. I. L. Patton. 2,129,149; Sept. 6.
- License plate holder. J. A. Weaver. 2,110,515; Mar. 8.
- License plate holder, Automobile. P. Polster. 2,106,015; Jan. 18.
- License plate holder, Illuminated. V. E. Kielian. 2,128,679; Aug. 30.
- License plate illumination. D. L. Rioux. 2,124,829; July 26.
- License tag holder. N. Matula. 2,119,714; June 7.
- Lid and display stand, Combined container. W. E. Thomas. 2,113,245; Apr. 5.
- Lid fastening means for boxes. I. E. Kotchavar and H. O. Snouffer. 2,128,001; Aug. 23.
- Lid for pressure resisting vessels. C. S. Hall. 2,116,170; May 3.
- Lid, Journal box. G. A. Woodman. 2,113,188; Apr. 5.
- Lid pressing and nailing machine, Box. G. C. Paxton, H. D. Benson, and C. H. Johnson. 2,140,851; Dec. 20.
- Lid seaming machine. F. O. L. Chorlton and H. Mayson. 2,114,484; Apr. 19.
- Lid, Stove. C. E. Wise. 2,110,751; Mar. 8.
- Lid support. E. G. Simpson. 2,139,336; Dec. 6.
- Lidding machine. H. Paxton. 2,108,548; Feb. 15.
- Lidding machine. H. Paxton. 2,141,549; Dec. 27.
- Lifoat construction. A. C. Galbraith. 2,110,017; Mar. 1.
- Lifoat, Submarine. K. Torjussen. 2,121,894; June 28.
- Lifoats, Launching. A. P. Schat. 2,141,452; Dec. 27.
- Life preserver. O. W. Johnson. 2,118,708; May 24.
- Life preserver. F. G. Manson. 2,128,423; Aug. 30.
- Life preserver holder. C. E. Blow. 2,111,309; Mar. 15.
- Life preserver, Self-inflating. E. T. Christopher and H. E. Murray. 2,118,165; May 24.
- Lifesaving apparatus. H. W. Walters. 2,137,468; Nov. 22.
- Lifesaving appliance. M. A. Antognazzi. 2,135,095; Nov. 1.
- Lifesaving device. J. Veenstra. 2,123,446; July 12.
- Lift and hold-down for revolving doors, Pivot. T. M. Hagenbook. 2,125,498; Aug. 2.
- Lift, Auto. L. C. Cox. 2,112,481; Mar. 29.
- Lift, Automobile. H. H. Gunter. 2,108,888; Feb. 22.
- Lift, Automobile. D. D. Myers. 2,136,750; Nov. 15.
- Lift, Automobile. O. A. Strassman. 2,137,743; Nov. 22.
- Lift device for snow plows, Safety. R. McMaster. 2,117,561; May 17.
- Lift device, Vacuum. W. W. Clark. 2,138,999; Dec. 6.
- Lift, Egg. T. Foote. 2,124,464; July 19.
- Lift for agricultural implements, Automatic power. N. C. Nelson. 2,141,819; Dec. 27.
- Lift for bathtubs, Automatic. J. V. Stark. 2,133,587; Oct. 18.
- Lift, Hydraulic. E. R. Barrett. 2,119,632; June 7.
- Lift, Hydraulic window. L. Soldatti. 2,132,325; Oct. 4.
- Lift intensifier for aircraft. A. P. de Seversky. 2,111,530; Mar. 15.
- Lift mechanism for tractors, Hydraulic. E. A. Johnston and A. C. Lindgren. 2,109,668; Mar. 1.
- Lift mechanism for tractors, Power. E. A. Johnston. 2,109,667; Mar. 1.
- Lift, Transverse foot. J. and W. B. Trick. 2,114,089; Apr. 12.



## Lifter: See—

Box lifter. Jar lifter.  
Can lifter. Landing light.  
Container lifter. Meat lifter.  
Crop lifter. Mulcher lifter.  
Curtain lifter. Pan lifter.  
Electric plug lifter. Plate lifter.  
Gate lifter. Stalk lifter.

Lifting apparatus. C. Delalandre. 2,113,879; Apr. 12.  
Lifting device. A. L. Johnson. 2,138,276; Nov. 29.  
Lifting device, Portable. T. E. Corr. 2,125,546; Aug. 2.  
Lifting jack. W. H. Foster. 2,125,493; Aug. 2.  
Lifting jack. F. L. Gormley. 2,135,938; Nov. 8.  
Lifting jack. C. E. Peckenpough. 2,120,625; June 14.  
Lifting jack. C. B. Woodworth. 2,129,806; Sept. 13.  
Lifting mechanism, Automatic. N. B. Madsen. 2,130,354; Sept. 20.  
Lifts, Controlling system for. A. A. Chubb. 2,137,075; Nov. 15.  
Lifts, Electric system of control for. N. C. Smart. 2,135,153; Nov. 1.  
Ligator. W. Hart. 2,131,321; Sept. 27.

Light: See—  
Airplane running light. Safety water light.  
Beacon light. Self extensible float light.  
Decorative light. Ship's side-light.  
Dome light. Signal light.  
Fender light. Street light.  
Float light. Traffic signal light.  
Portable electric light. Vehicle signal light.  
Retractable landing light.

Light advertising device. W. Schmidt. 2,134,150; Oct. 25.  
Light and camera unit, Combination portable pocket. J. A. Bell. 2,138,723; Nov. 29.  
Light and chime display, Decorative. M. Horowitz. 2,132,297; Oct. 4.  
Light and electrical impulse conversion apparatus. H. Freese and H. Müller. 2,124,031; July 19.  
Light and number display, Porch. C. Lorbetske. 2,118,469; May 24.  
Light and water container therefor, Emergency. C. Linhardt, Jr. 2,140,877; Dec. 20.  
Light assembly, Dome. B. S. Floraday. 2,106,144; Jan. 18.  
Light assembly, Dome. W. Marshall and P. M. Camiener. 2,116,317; May 3.  
Light assembly, Dome. A. W. France. 2,116,324; May 3.  
Light assembly, Pilot. W. Trautner. 2,141,115; Dec. 20.  
Light beam instrument. G. F. Gardner. 2,107,936; Feb. 8.  
Light bulb, Electric. E. I. Clemence. 2,120,087; June 7.  
Light control means for headlights and the like. E. Van Leunen. 2,119,370; May 31.  
Light controlling mechanism for cameras. J. Mihalvi. 2,124,886; July 26.  
Light, Device for producing visible. J. T. Randall and J. W. Ryde. 2,135,732; Nov. 8.  
Light filter. B. Long. 2,116,633; May 10.  
Light filter. E. Merkel and C. Wiegand. 2,104,492; Jan. 4.  
Light filter. C. Wiegand, E. Merkel, and E. Tietze. 2,122,828; July 5.  
Light filter composition, Ultraviolet. F. E. Stockelbach. 2,128,334; Aug. 30.  
Light fixture. C. E. Baldauf. 2,137,106; Nov. 15.  
Light fixture, Electric. H. J. Cook and G. E. Fitzgerald. 2,125,065; July 26.  
Light fixture, Electric. W. P. Crockett and W. P. Crockett, Jr. 2,104,414; Jan. 4.  
Light fixture, Electric. E. C. Godfrey. 2,113,134; Apr. 5.  
Light fixture, Electric. A. A. Johnson. 2,119,711; June 7.  
Light fixture, Electric. C. Poling. 2,129,335; Sept. 6.  
Light fixture, Electric. M. N. Russell. 2,141,879; Dec. 27.  
Light fixture for cabinet structures. H. E. Pleasant and C. H. Nauert. 2,122,293; June 28.  
Light for airplanes and the like, Landing. W. G. Grimes. 2,124,346; July 19.  
Light for airports, Boundary beacon. E. Curran. 2,122,313; June 28.  
Light flux system, Anamorphosing. H. S. Newcomer. 2,121,568; June 21.  
Light frequency converter. R. D. Bitner. 2,120,916; June 14.  
Light measuring device. J. B. Strauss. 2,137,548; Nov. 22.  
Light or daylight, Producing white. A. Chlera. 2,110,500; Mar. 8.  
Light or torch, No. 1 emergency. C. Linhardt, Jr. 2,120,523; June 14.  
Light polarizer, Diffusing. E. H. Land. 2,122,478; June 28.  
Light polarizing material. E. H. Land. 2,123,901; July 19.  
Light, Producing polychromatic. C. G. Pound. 2,135,283; Nov. 1.  
Light projecting device. W. L. Enfield. 2,131,551; Oct. 25.  
Light projecting system. F. S. Brackett. 2,131,552; Oct. 4.  
Light projection display means. E. Nunnfeldt. 2,118,204; May 24.

Light-projection system particularly for vehicle lamps. A. Graves. 2,122,465; July 5.  
Light projector or similar article. J. Levy. 2,114,963; Apr. 19.  
Light ray deflector. P. F. Little. 2,116,524; May 10.  
Light ray director. T. R. Flesher. 2,109,959; Mar. 1.  
Light reflecting device. H. F. Smith. 2,123,478; July 12.  
Light reflecting means. C. D. Ryder. 2,121,132; June 21.  
Light sensitive apparatus. W. B. Wells. 2,124,807; July 26.  
Light-sensitive derivatives of vat-dyestuffs and preparing them. P. Ochwat and B. Wendt. 2,111,479; Mar. 15.  
Light sensitive device. W. Ayres. 2,131,911; Oct. 4.  
Light sensitive layer and making same. J. H. De Boer. 2,113,193; Apr. 5.  
Light-sensitive system. D. D. Knowles. 2,125,073; July 26.  
Light sensitive tube. P. Görlich. 2,122,860; July 5.  
Light sensitive tube, Multiple. A. A. Kucher. 2,140,799; Dec. 20.  
Light signal. W. B. Wells. 2,133,603; Oct. 18.  
Light signal. W. B. Wells and W. K. Lockhart. 2,111,650; Mar. 22.  
Light stabilizer for hydrocarbons. L. A. Mikeska and J. B. Holtzclaw. 2,110,274; Mar. 8.  
Light system, Automobile. J. T. Cunningham. 2,113,981; Apr. 12.  
Light valve. J. R. Long. 2,111,073; Mar. 15.  
Lighter. L. V. Aronson. 2,111,524; Mar. 15.  
Lighter. D. Hoppenstand. 2,125,637; Aug. 2.  
Lighter and cigarette container, Combined pyrophoric. L. V. Aronson. 2,116,963; May 10.  
Lighter and flashlight, Pocket. W. L. Morris. 2,117,976; May 17.  
Lighter and fuel therefor. N. B. Purdy and H. A. Schneider. 2,107,546; Feb. 8.  
Lighter and holder, Cigarette. H. H. Hite. 2,123,779; July 12.  
Lighter arrangement for gas ranges. B. E. and E. M. Meacham. 2,109,399; Feb. 22.  
Lighter arrangement, Pyrophoric. L. V. Aronson. 2,111,523; Mar. 15.  
Lighter, Automatic cigarette. F. M. Ferguson. 2,115,099; Apr. 26.  
Lighter, Automatic oven. F. A. Gauger. 2,104,298; Jan. 4.  
Lighter, Automatic oven. P. I. Hollman and S. H. Hobson. 2,116,830; May 10.  
Lighter, Cigar. P. E. Ashton. 2,126,710; Aug. 16.  
Lighter, Cigar. B. G. Cochrane. 2,127,551; Aug. 23.  
Lighter, Cigar. J. H. Cohen. 2,117,703; May 17.  
Lighter, Cigar. J. H. Cohen. 2,137,195; Nov. 15.  
Lighter, Cigar. J. H. Cohen. 2,140,311; Dec. 13.  
Lighter, Cigar. J. Sinko. 2,111,302; Mar. 15.  
Lighter, Cigar. J. Sinko. 2,128,016-7; Aug. 23.  
Lighter, Cigar. J. Sinko. 2,129,791-2; Sept. 13.  
Lighter, Cigarette. A. M. Andrews. 2,109,003; Feb. 22.  
Lighter, Cigarette. L. V. Aronson. 2,132,771; Oct. 11.  
Lighter, Combined cigarette and pipe. J. R. Powell. 2,134,462; Oct. 25.  
Lighter, Electric cigar. P. E. Ashton and S. L. Wolfson. 2,135,270; Nov. 1.  
Lighter, Electric cigar. A. A. Johnson. 2,129,371; Sept. 6.  
Lighter element, Catalytic. T. M. Gibson. 2,110,062; Mar. 1.  
Lighter, Fire. S. Clevenger. 2,105,522; Jan. 18.  
Lighter for gas burners, Catalytic. E. W. Voice. 2,113,064; Apr. 5.  
Lighter for gas stove. I. A. McSherry. 2,120,841; June 14.  
Lighter, Friction wheel pocket. J. Edenburg. 2,107,372; Feb. 8.  
Lighter ignition unit, Cigar. J. Sinko. 2,122,962; July 5.  
Lighter mechanism. K. Bernhardt. 2,113,930; Apr. 12.  
Lighter, Passaround. R. Mayer. 2,114,026; Apr. 12.  
Lighter, Rotary match. H. G. Klassen. 2,104,464; Jan. 4.  
Lighter system for vapor fuel stoves, Automatic. G. E. Pickup. 2,131,903; Oct. 4.  
Lighter, Top. J. T. Marvin and R. I. Matthews. 2,115,370; Apr. 26.  
Lighting and observation port, Combined. G. P. Haynes. 2,125,021; July 26.  
Lighting apparatus. I. Scheraga. 2,120,000; May 31.  
Lighting apparatus, Auxiliary. J. E. Rooster. 2,133,420; Oct. 18.  
Lighting apparatus, Electric. C. Rebl. 2,109,341; Feb. 22.  
Lighting arrangement for sound reproduction. H. G. Weiss. 2,123,871; July 19.  
Lighting by sustained luminous. R. A. Gussard. 2,117,544; May 17.  
Lighting construction. P. D. Phillips. 2,131,569; June 21.  
Lighting construction. J. H. Wackerbarth. 2,123,741; Apr. 12.  
Lighting control for fuel burner. H. J. Long. 2,115,000; Nov. 8.  
Lighting control system. W. L. Moore. 2,115,000; Feb. 4.  
Lighting device. J. R. Hargrave and J. A. Vetter. 2,129,641; Sept. 13.  
Lighting device. C. C. Marston. 2,124,650; Aug. 9.  
Lighting device. P. D. Phillips. 2,128,430; Aug. 30.



- Lighting device. H. J. Spanner and U. Doering. 2,128,270; Aug. 30.
- Lighting device and manufacture therefor, Electric. H. A. Douglas. 2,110,134; Mar. 8.
- Lighting device, Electric. H. A. Douglas. 2,117,755-62; May 17.
- Lighting device for gas burners. C. S. Stuckenholt and L. Jaros. 2,112,000; Mar. 22.
- Lighting equipment, Automobile. A. J. Marion. 2,113,850; Apr. 12.
- Lighting fixture. A. L. Arenberg. 2,105,447; Jan. 11.
- Lighting fixture. G. Arras. 2,111,085; Mar. 15.
- Lighting fixture. G. Arras. 2,118,833; May 31.
- Lighting fixture. S. S. Dauman. 2,121,860; June 28.
- Lighting fixture. L. C. Doane. 2,107,029; Feb. 1.
- Lighting fixture. E. F. Guth. 2,132,784; Oct. 11.
- Lighting fixture. J. S. Hamel and R. C. Engelken. 2,124,417; July 19.
- Lighting fixture. O. G. Hildebrand. 2,124,141; July 19.
- Lighting fixture. G. B. Hurlbut. 2,121,738; June 21.
- Lighting fixture. S. B. Kraut and H. J. Chase. 2,137,089; Nov. 15.
- Lighting fixture. A. Lazerson. 2,130,803; Sept. 20.
- Lighting fixture. M. W. Ross and E. D. Tillson. 2,124,432; July 19.
- Lighting fixture. R. W. Shoemaker. 2,121,575; June 21.
- Lighting fixture. L. Silberman. 2,131,823; Oct. 4.
- Lighting fixture. L. Solomon. 2,115,290; Apr. 26.
- Lighting fixture. A. Vanderveld. 2,120,449; June 14.
- Lighting fixture. F. C. Winkler and G. L. Moyer. 2,117,868; May 17.
- Lighting fixture, Direct. L. C. Doane. 2,107,028; Feb. 1.
- Lighting fixture, Electric. J. Markel and D. L. Ripley. 2,117,188; May 10.
- Lighting fixture, Electric. G. E. MacFadden. 2,141,441; Dec. 27.
- Lighting fixture, Indirect. L. C. Doane. 2,125,335; Aug. 2.
- Lighting fixture screen. L. C. Doane. 2,139,005; Dec. 6.
- Lighting fixture, Sewing machine. W. O. Langille. 2,123,483; July 12.
- Lighting fixture, Street. A. G. Steinmayer and R. L. Smythe. 2,117,862; May 17.
- Lighting means, Electric. H. A. Douglas. 2,110,135; Mar. 8.
- Lighting means for vehicles. H. Catron, H. H. Clayton, and R. L. Dashner. 2,125,990; Aug. 9.
- Lighting mechanism, Pyrophoric. L. V. Aronson. 2,104,964; Jan. 11.
- Lighting mechanism, Pyrophoric. L. V. Aronson. 2,107,658; Feb. 8.
- Lighting mechanism, Pyrophoric. L. V. Aronson. 2,111,522; Mar. 15.
- Lighting mechanism, Pyrophoric. L. V. Aronson. 2,113,975; Apr. 12.
- Lighting mechanism, Pyrophoric. L. V. Aronson. 2,120,226; June 14.
- Lighting mechanism, Pyrophoric. L. V. Aronson. 2,137,521; Nov. 22.
- Lighting mechanism, Pyrophoric. L. V. Aronson. 2,140,277; Dec. 13.
- Lighting, Series. J. L. A. Tremblay. 2,114,511; Apr. 19.
- Lighting system, Automobile. F. M. Harris. 2,131,888; Oct. 4.
- Lighting system for gasoline stoves, Automatic. S. M. Burak. 2,111,467; Mar. 15.
- Lighting system, Highway. C. H. Goulding. 2,115,421; Apr. 26.
- Lighting system including electrical discharge tubes. M. Pirani and M. Reger. 2,122,436; July 5.
- Lighting system, Vehicle. J. Johansen. 2,131,664; Sept. 27.
- Lighting unit. P. A. Cullman. 2,133,378; Oct. 18.
- Lighting unit. C. A. B. Halvorson. 2,110,018; Mar. 1.
- Lighting unit for refrigerators and the like, Door-controlled. G. J. Meur. 2,132,428; Oct. 11.
- Lighting unit, Indirect. L. C. Doane. 2,107,027; Feb. 1.
- Lighting unit mounting. A. N. Taylor and N. P. Worden. 2,138,075-9; Nov. 29.
- Lights, Controlling printing. C. F. Jones. 2,117,727; May 17.
- Lightning arrester. E. A. Everett. 2,131,717; Sept. 27.
- Lightning arrester. C. W. Hansell. 2,123,333; July 12.
- Lightning arrester. L. R. Ludwig, W. G. Roman, F. B. Johnson, and W. E. Berkey. 2,135,085; Nov. 1.
- Light sensitive system. E. H. Vedder. 2,140,373; Dec. 13.
- Ligno-cellulose products, Momentary-pressure process of making. W. H. Mason. 2,140,189; Dec. 13.
- Limb, Artificial. N. Malloy-Brehunoff. 2,127,566; Aug. 23.
- Lime and cement and collecting carbon dioxide delivered therefrom, Apparatus for manufacturing. O. J. McNitt. 2,112,502; Mar. 29.
- Lime, Purifying. L. Block. 2,127,626; Aug. 23.
- Lime spreader, Floor. R. V. Hove. 2,135,077; Nov. 1.
- Lime sulphur compositions, Making dry. C. I. Chubbuck. 2,106,294; Jan. 25.
- Lime and altitude delineator. R. M. R. Courtois-Suffit. 2,136,181; Nov. 8.
- Lime casting and composing machine. L. M. Potts. 2,121,018; June 21.
- Lime clamp. J. R. Meade. 2,113,852; Apr. 12.
- Lime indicator and attachment to a notebook. B. E. Van Alstyne. 2,130,750; Sept. 20.
- Line justifier for typewriters. N. Dodds. 2,118,343; May 24.
- Line protector, Automatic electric service. J. E. Farrell. 2,107,820; Feb. 8.
- Line resonator. J. W. Conklin. 2,104,554; Jan. 4.
- Line securing device. E. C. Behnke. 2,131,162; Sept. 27.
- Line splice, Automatic. W. G. Fotsch. 2,138,913; Dec. 6.
- Line squaring device. H. L. Prout. 2,104,377; Jan. 4.
- Line stretcher. E. C. Gebbs. 2,127,862; Aug. 23.
- Line throwing mechanism for pistols. R. F. Sedgley. 2,111,374; Mar. 15.
- Line tracker, Automatic. P. Padva and L. J. Cannon. 2,121,211; June 21.
- Line-up gauge. H. R. Trotter. 2,125,039; July 26.
- Line valve. G. E. Franck. 2,125,554; Aug. 2.
- Liner. O. B. Andrews. 2,128,449-50; Aug. 30.
- Liner, Flue. A. Kauffmann. 2,128,463; Aug. 30.
- Liner for grinding mills, End. S. L. Miller. 2,128,468; Aug. 30.
- Liner for the cylinders of reciprocating piston machines. E. G. Grinham and L. H. Dawtrey. 2,110,064; Mar. 1.
- Liner, Garbage can. E. E. Wood. 2,104,686; Jan. 4.
- Liner hanger. C. E. Lee and H. J. Craig. 2,111,793; Mar. 22.
- Liner segment, Tunnel. C. B. Cushwa. 2,131,794; Oct. 4.
- Liners, Machining of engine cylinder. O. Mader. 2,118,317; May 24.
- Lining and the outer materials of neckties, Method and device for folding and stitching. M. S. Malek. 2,110,996; Mar. 15.
- Lining and tie. M. Kleinmann. 2,113,113; Apr. 5.
- Lining, especially of highly heated metallurgical furnaces and particularly to linings of furnace gas ports, Furnace. J. Godenne. 2,134,248; Oct. 25.
- Lining for a boot or shoe and making a boot or shoe, Vamp. B. B. Enos. 2,130,794; Sept. 20.
- Lining for ball mills and the like. J. C. Rumbarger and R. S. Schwendler. 2,114,640; Apr. 19.
- Lining for brake shoes, Detachable. W. F. Merritt. 2,128,467; Aug. 30.
- Lining for canals, Protective. E. J. Baird. 2,138,366; Nov. 29.
- Lining for containers and machine for and method of forming the same. F. T. Robinson. 2,121,053; June 21.
- Lining for electric light sockets, Insulating. T. C. Marshall. 2,120,150; June 7.
- Lining for ties. M. Kleinmann. 2,123,900; July 19.
- Lining for tubular parts, Alloy. S. Straty. 2,136,474; Nov. 15.
- Lining, Glove. W. H. Kuh. 2,121,503; June 21.
- Lining implement. G. H. Colburn. 2,137,333; Nov. 22.
- Lining material, Laminated. F. H. Russell. 2,135,473; Nov. 1.
- Lining, Pump. J. A. Buechler. 2,121,068; June 21.
- Linings, Gauging centrifugal. E. Roberts. 2,139,464; Dec. 6.
- Linear measurements, Apparatus for obtaining. W. E. Harris. 2,123,360; July 12.
- Linen folding machine. G. B. Combarette. 2,130,733; Sept. 20.
- Lingerie strap holder. J. A. St. Clair. 2,106,072; Jan. 18.
- Link. C. F. Lautz and R. F. Peo. 2,122,652; July 5.
- Link assembly. R. F. Peo. 2,126,408; Aug. 9.
- Link chain. G. W. Alden and S. Madsen. 2,131,261; Aug. 27.
- Link, Cuff. H. E. Augenstein. 2,129,640; Sept. 13.
- Link, Frangible. I. W. Knight. 2,122,426; July 5.
- Link, Repair. B. E. Barnes. 2,116,875; May 10.
- Link, Repair. J. D. Harris. 2,129,354; Sept. 6.
- Link structure. E. G. Mueller. 2,133,631; Oct. 18.
- Links for tire chains, Making cross. M. D. Albrecht. 2,114,413; Apr. 19.
- Links from V-beltting from sheet material, Method of and apparatus for manufacturing. P. T. Evans. 2,117,057; May 10.
- Linotype machines, Electric control device for. R. V. Streeter. 2,135,919; Nov. 8.
- Lipstick. S. Freeman. 2,130,345; Sept. 20.
- Lipstick container. A. L. Davis and S. T. Morrison. 2,127,350; Aug. 16.
- Lipstick container. A. C. Hoffman. 2,131,046; Sept. 27.
- Lipstick holder. N. Kasdan and R. F. Landwehr. 2,107,444; Feb. 8.
- Lipstick holder. L. A. Samstag. 2,131,975; Oct. 4.
- Lipstick receptacle, Mirror provided. L. H. Fontan. 2,121,221; June 21.
- Lipstick spreader. E. M. Buttschau. 2,109,411; Feb. 22.
- Lipsticks and the like, Producing parts for. H. F. Reichenbach. 2,108,512; Feb. 15.
- Lip turning machine. C. A. Newhall. 2,122,486; July 5.
- Liquefier. A. T. Thompson. 2,142,012; Dec. 27.
- Liqueur and making same. A. Shapiro. 2,128,760; Aug. 30.
- Liquid, Apparatus for and process of treatment of. H. B. Anderson. 2,126,164; Aug. 9.
- Liquid, Apparatus for dispensing. A. E. Ladewig. 2,129,944; Sept. 13.
- Liquid composition for degreasing surfaces and process of preparation. A. F. Curran. 2,107,288; Feb. 8.
- Liquid conditioning system. H. G. Mojonniere. 2,123,340; July 12.



- Liquid congealing apparatus. E. H. Lutz. 2,118,211; May 24.
- Liquid congealing apparatus. J. N. Saler. 2,140,923; Dec. 20.
- Liquid congealing apparatus and treating same. W. B. Anderson. 2,135,022-3; Nov. 1.
- Liquid container. F. D. Goll and J. K. Wareham. 2,124,565; July 26.
- Liquid container. B. A. Jackson. 2,126,390; Aug. 9.
- Liquid control means for air conditioning apparatus. C. R. Neeson. 2,111,570; Mar. 22.
- Liquid cooler. R. E. Billings. 2,128,794; Aug. 30.
- Liquid cooler. R. H. Tull and E. C. Tanner. 2,128,784; Aug. 30.
- Liquid cooler control. D. H. Dolinson. 2,136,813; Nov. 15.
- Liquid cooling and transporting system. H. A. Middleton. 2,129,778; Sept. 13.
- Liquid degreasing composition. A. F. Curran. 2,107,287; Feb. 8.
- Liquid delivery apparatus. G. W. Stedwell. 2,104,597; Jan. 4.
- Liquid device, Comb and hair. J. W. Forte. 2,122,715; July 5.
- Liquid diffusing device, Portable. P. J. F. Batenburg. 2,126,718; Aug. 16.
- Liquid dispenser. H. C. Allen. 2,111,040; Mar. 15.
- Liquid dispenser. G. C. Erb. 2,138,844; Dec. 6.
- Liquid dispenser. W. Gross. 2,113,048; Apr. 5.
- Liquid dispenser. L. A. Klemm. 2,123,784; July 12.
- Liquid dispenser. W. J. Peter and B. J. Yanchenko. 2,128,499; Aug. 30.
- Liquid dispenser, Refrigerated. H. C. McCartha. 2,126,491; Aug. 9.
- Liquid dispensing. B. Johnsen. 2,128,299; Aug. 30.
- Liquid dispensing. B. Johnsen. 2,129,770; Sept. 13.
- Liquid dispensing apparatus. R. E. Bechtold. 2,138,755; Nov. 29.
- Liquid dispensing apparatus. W. H. D. Brouse. 2,138,781; Nov. 29.
- Liquid dispensing apparatus. W. M. Carroll. 2,113,676; Apr. 12.
- Liquid dispensing apparatus. C. A. Desimone and J. C. Woodford. 2,121,734; June 21.
- Liquid dispensing apparatus. C. A. Desimone and J. C. Woodford. 2,131,705; Sept. 27.
- Liquid dispensing apparatus. L. R. Farnham, F. W. Sturm, and F. W. Mueller. 2,124,614; July 26.
- Liquid dispensing apparatus. J. P. Hubbell. 2,133,817; Oct. 18.
- Liquid dispensing apparatus. R. J. Jauch and B. J. Pepper. 2,124,681; July 26.
- Liquid dispensing apparatus. H. Shapiro. 2,124,214; July 19.
- Liquid dispensing apparatus. E. A. Slye. 2,111,996; Mar. 22.
- Liquid dispensing apparatus. J. A. Winger. 2,141,583; Dec. 27.
- Liquid dispensing device. J. J. Bailey. 2,118,784; May 24.
- Liquid dispensing device. G. B. Davis, Jr. 2,127,860; Aug. 23.
- Liquid dispensing device. A. N. Severson. 2,105,957; Jan. 18.
- Liquid dispensing device. C. W. Smith. 2,132,657; Oct. 11.
- Liquid dispensing device. L. C. Smith. 2,127,848; Aug. 23.
- Liquid dispensing device. R. C. Taylor. 2,138,046; Nov. 29.
- Liquid dispensing device. L. T. Ward. 2,115,052; Apr. 26.
- Liquid dispensing means. G. Boden and J. L. Flannery. 2,125,537; Aug. 2.
- Liquid dispensing means. S. W. Burnham. 2,126,731; Aug. 16.
- Liquid dispensing means. A. Weiss. 2,126,847-8; Aug. 16.
- Liquid dispensing or measuring device. T. A. Baxter. 2,113,501; Apr. 5.
- Liquid distribution apparatus. H. J. McCreary. 2,129,592; Sept. 6.
- Liquid ejecting device. C. S. Kile. 2,128,254; Aug. 30.
- Liquid elevator, Multistage. P. Berman and L. B. Harris. 2,133,269; Oct. 18.
- Liquid extracting means and method. J. A. Wickert, Jr. 2,109,559; Mar. 1.
- Liquid feed for storage batteries, Automatic. O. S. Rainer. 2,104,672; Jan. 4.
- Liquid filling and measuring apparatus, Viscous. N. M. Thomas. 2,106,076; Jan. 18.
- Liquid filling machine. J. D. Le Frank. 2,109,189; Mar. 1.
- Liquid filling machine. J. D. Le Frank. 2,132,424; Oct. 11.
- Liquid, Fire extinguishing. J. L. Seat. 2,104,775; Jan. 11.
- Liquid flow control device for combustion engines. J. B. Cromble and B. H. Manning. 2,104,852; Jan. 11.
- Liquid flow control system. E. J. Crane. 2,111,964; Mar. 22.
- Liquid flow gauge. L. E. Quandt and C. Lanchart. 2,111,298; Mar. 15.
- Liquid from bottles, Device for removing. N. Windsor. 2,110,540; Mar. 8.
- Liquid from sealed metal cans, Dispensing. A. G. Hopkins. 2,134,127; Oct. 25.
- Liquid fuel burner. L. S. Chadwick and T. B. Focke. 2,131,835; Oct. 4.
- Liquid fuel burner. W. F. Falkenberg. 2,108,918; Feb. 22.
- Liquid fuel burner. J. Mohr. 2,117,740; May 17.
- Liquid fuel burner. A. Ottajovits. 2,141,360; Dec. 27.
- Liquid fuel burner. G. W. Pontius, Jr. 2,108,141; Feb. 15.
- Liquid fuel burner. R. M. Sherman. 2,119,969; June 7.
- Liquid fuel carburetor, Heavy. C. J. Mundhenk. 2,141,194; Dec. 27.
- Liquid gauge. C. V. Oyen. 2,121,743; June 21.
- Liquid handling mechanism. E. J. Svenson. 2,117,750; May 17.
- Liquid heater. C. K. Bennett. 2,132,093; Oct. 4.
- Liquid homogenizing and the like method and apparatus. J. H. Gardner. 2,106,026; Jan. 18.
- Liquid homogenizing apparatus. J. H. Gardner and L. C. Plastridge. 2,127,291; Aug. 16.
- Liquid level change detector. J. A. Obermaier. 2,106,756; Feb. 1.
- Liquid level control apparatus. N. L. Dalton. 2,133,190; Oct. 11.
- Liquid level control apparatus. R. E. Manley. 2,121,324; June 21.
- Liquid level controlling valve. A. N. Asselin. 2,141,807; Dec. 27.
- Liquid level gauge. L. B. Bacon. 2,117,933; May 17.
- Liquid level gauge. M. W. Fish. 2,111,283; Mar. 15.
- Liquid level gauge. C. H. Lank. 2,109,355; Feb. 22.
- Liquid level gauge. J. T. West. 2,109,838; June 7.
- Liquid level indicating and controlling device. E. M. Hawkins. 2,125,722; Aug. 2.
- Liquid level indicating device. C. O. Cressy. 2,134,104; Oct. 25.
- Liquid level indicating device. J. F. Werder. 2,141,325; Dec. 27.
- Liquid level indicator. A. E. Mathey. 2,135,522; Nov. 8.
- Liquid level indicator. J. McClain. 2,113,662; Apr. 12.
- Liquid level indicator. F. R. Moore. 2,106,574; Jan. 25.
- Liquid level indicator. D. Rodgers. 2,112,635; Mar. 29.
- Liquid level indicator, Electrically controlled. C. A. de Giers. 2,104,898; Jan. 11.
- Liquid level regulator. G. W. Stetson. 2,121,891; June 28.
- Liquid measuring and dispensing apparatus. J. Fraser. 2,126,103; Aug. 9.
- Liquid measuring and dispensing device. W. M. Colombo. 2,121,424; June 21.
- Liquid measuring device. A. F. Meyer. 2,138,677; Nov. 29.
- Liquid meter. F. Horton. 2,127,773; Aug. 23.
- Liquid meter. G. H. Lancaster. 2,129,144; Sept. 6.
- Liquid metering and dispensing apparatus. J. C. Miller. 2,141,925; Dec. 27.
- Liquid mixer. W. L. Osborn and J. H. Williams. 2,123,118; July 5.
- Liquid mixing apparatus. E. S. Prince. 2,131,190; Sept. 27.
- Liquid pressure mechanism. B. Dick. 2,106,592; Jan. 25.
- Liquid pressure regulating valve. T. W. Murphy. 2,104,390; Jan. 4.
- Liquid products from distillable carbonaceous materials, Production of valuable. C. Krauch and M. Pier. 2,132,855; Oct. 11.
- Liquid pump. K. Schoene. 2,129,673; Sept. 6.
- Liquid pump. T. L. Titus. 2,109,224; Feb. 22.
- Liquid pump, Reciprocating. H. E. Rupp. 2,118,234; May 24.
- Liquid purification apparatus. O. L. Wood. 2,126,596; Aug. 9.
- Liquid purification plant. R. B. Morse. 2,129,984; Sept. 6.
- Liquid purifier. M. Baruch. 2,110,318; Mar. 8.
- Liquid reagents, Continuous method of reacting. R. M. Deanesly. 2,106,521; Jan. 25.
- Liquid refrigerating dispenser. G. R. Marzolf. 2,104,467; Jan. 4.
- Liquid sampler. A. J. Mason. 2,111,982; Mar. 22.
- Liquid separating device. J. F. Kopas. Re. 20,885; Oct. 18.
- Liquid shut off device, Automatic. C. W. Wildbourn. 2,106,197; Jan. 25.
- Liquid spraying device. H. L. Friedman and M. Pollock. 2,124,551; July 26.
- Liquid spreader and sticker. H. H. Karr. 2,109,961; Mar. 1.
- Liquid, Sterilizing. G. A. Krause. 2,105,835; Jan. 18.
- Liquid sterilizing device. E. A. Johnson. 2,119,844; June 7.
- Liquid storing and dispensing device. F. R. Emery. 2,134,865; Nov. 1.
- Liquid tank. J. and P. J. Eddy. 2,124,678; Oct. 25.
- Liquid tank. C. P. McHugh. 2,126,399; Nov. 1.
- Liquid testing apparatus. C. W. Woods. 2,117,922; July 5.
- Liquid testing device. J. H. Shively. 2,131,126; Sept. 27.
- Liquid testing device. R. L. Stanback. 2,133,074; Oct. 18.
- Liquid to textile materials, Applying. W. Whitehead. 2,106,311; Jan. 25.



- Liquid treating and handling apparatus. C. Mortensen. 2,130,098; Sept. 13.
- Liquid treating apparatus. R. L. Williams. 2,138,052; Nov. 29.
- Liquid treating method and device. W. H. Green and A. B. Hodges. 2,111,097; Mar. 15.
- Liquid treatment, Art of and apparatus for. G. Moore. 2,132,312; Oct. 4.
- Liquid treatment of metal sheets. L. C. Steele. 2,139,337; Dec. 6.
- Liquid vaporizing device. C. T. Asbury. 2,122,333; June 28.
- Liquid weight meter. W. S. Clarkson. 2,104,010; Jan. 4.
- Liquids, Aerating. L. Roush and C. Riedel. 2,116,541; May 10.
- Liquids and apparatus for controlling the operation of a plant, Dispensing. S. Newberry. 2,113,490; Apr. 5.
- Liquids and apparatus therefor, Emulsification of. S. G. Bauer. 2,116,380; May 3.
- Liquids and perfumes, Artificially aging alcoholic. G. A. Krause. 2,109,151; Feb. 22.
- Liquids, Apparatus and method for treatment of. W. B. Kerrick. 2,104,705; Jan. 4.
- Liquids, Apparatus for aerating. J. F. Atkinson and C. E. Brown. 2,115,188; Apr. 26.
- Liquids, Apparatus for homogenizing. E. P. Ordway. 2,137,854; Nov. 22.
- Liquids, Apparatus for lifting. F. E. Key. 2,131,183; Sept. 27.
- Liquids, Apparatus for measuring foreign matter present in. L. A. Baumann. 2,119,501; May 31.
- Liquids, Apparatus for pasteurizing and deodorizing. H. C. Horneman. 2,130,645; Sept. 20.
- Liquids, Apparatus for pumping and mixing. F. C. Metzger. 2,104,663; Jan. 4.
- Liquids, Apparatus for purifying. T. R. Camp. 2,118,157; May 24.
- Liquids, Apparatus for treating. W. Page and B. E. Taylor. 2,119,347; May 31.
- Liquids, Apparatus for treating canned. W. Page and B. E. Taylor. 2,119,346; May 31.
- Liquids by freezing, Method and apparatus for condensing. P. Schuftan and H. Ranke. 2,119,182; May 31.
- Liquids, Cooling and filtering. M. Vuillierme. 2,108,977; Feb. 22.
- Liquids, Deodorizing and pasteurizing. C. E. Rogers. 2,115,470; Apr. 26.
- Liquids, Device for clarifying. H. N. Jenks. 2,108,168; Feb. 15.
- Liquids, Device for dispensing aerated. E. J. Jofeh and J. G. Trilling. 2,108,169; Feb. 15.
- Liquids, Device for metering. R. S. Bassett. 2,116,592; May 10.
- Liquids, Device for the transportation and distribution of. J. L. R. Bancos. 2,129,113; Sept. 6.
- Liquids, Dielectric. A. A. Levine and O. W. Cass. 2,139,964; Dec. 13.
- Liquids in the production of yeast, Aerating. B. L. Van Der Lande and E. Van Thiel. 2,119,188; May 31.
- Liquids on roads, Apparatus for distributing. H. Haupt. 2,136,242; Nov. 8.
- Liquids or gases, Apparatus for measuring or delivering. A. Zachariassen and M. E. Petersen. 2,116,296; May 3.
- Liquids, Process and apparatus for congealing. E. Thompson. 2,132,364; Oct. 4.
- Liquids, Process and apparatus for contacting two. R. R. Wilson, E. K. Brown, and F. L. White. 2,139,871; Dec. 13.
- Liquids, Preservation of. F. C. Blanck, T. L. Swenson, H. H. Mottern, H. E. Goresline, and E. K. Nelson. 2,104,710; Jan. 4.
- Liquids, Purification of. C. Q. M. Campbell. 2,130,789; Dec. 13.
- Liquids, Simultaneously evaporating and distilling. G. T. Reich. 2,127,138; Aug. 16.
- Liquids, Straining. N. R. Thibert. 2,122,119; June 28.
- Liquids such as driers suitable for paint or varnish and making them. L. Roon. 2,139,134; Dec. 6.
- Liquids to power generating devices, Controlling the supply of supplementary. L. B. Kimball. 2,135,431; Nov. 1.
- Liquids to scalp hair, Method and apparatus for applying. A. K. Singerman. 2,133,638; Oct. 18.
- Liquids, Treating. J. H. Fessler and H. C. Johnson. 2,117,604; May 17.
- Liquids, Treating. R. L. Williams. 2,138,051; Nov. 29.
- Liquids, Treating fermenting. K. A. Wessblad, H. E. A. Gøth, and J. O. Nacler. 2,118,370; May 24.
- Liquids with solid materials, Apparatus for mixing volatile. R. R. Allingham. 2,122,551; July 5.
- Liquor aging means. S. R. Ramsay. 2,114,009; Apr. 12.
- Liquor, Apparatus for purifying and aging. L. H. Farrier and R. H. Harlin. 2,108,661; Feb. 15.
- Liquor, Conserving pickling. H. Barkholt. 2,118,802; May 31.
- Liquor dispenser, Portable. G. C. Sevelle. 2,112,471; Mar. 29.
- Liquor, Disposal of ammonia. J. H. Wells and P. J. Wilson, Jr. 2,132,592; Oct. 11.
- Liquor feed for drum driers. C. O. Lavett. 2,129,329; Sept. 6.
- Liquor in pulp cookers, Circulating. O. Kreissler. 2,138,455; Nov. 29.
- Liquors, Clarification and purification of industrial acid. A. T. McCord. 2,133,251; Oct. 11.
- Liquors containing suspended and flocculent matter, such as sugar juices, and similar liquors, Apparatus for clarifying. N. B. Bach. 2,141,371; Dec. 27.
- Liquors, Distilling. B. C. Boeckeler. 2,118,834; May 31.
- Liquors, Manufacture of spirituous. F. G. Ring. 2,104,243-4; Jan. 4.
- Liquors, Recovering heat and chemicals from waste. A. G. Kernin. 2,138,278; Nov. 29.
- List finding device. A. E. Pollock. 2,141,761; Dec. 27.
- Lister. W. H. Silver. 2,130,512; Sept. 20.
- Lister furrow blocker, Two-row. J. W. Kennedy, W. P. Ramsey, and M. W. Lee. 2,117,669; May 17.
- Listing adding machine. L. P. Crossman. 2,118,700; May 24.
- Listing mechanism for addressing machines. C. J. Hueber. 2,104,747; Jan. 11.
- Litharge from lead and sodium nitrate, Production of. R. M. Cole. 2,139,002; Dec. 6.
- Litharge, Pellet. L. G. Klinker. 2,132,423; Oct. 11.
- Lithographic machine, Offset. R. Aberle. 2,140,256; Dec. 13.
- Lithographic reproductions, Making. F. H. Bloom. 2,122,404; July 5.
- Lithopone and making same. K. S. Mowlds. 2,115,039; Apr. 26.
- Lithopone and making same. K. S. Mowlds. 2,134,198; Oct. 25.
- Litter. W. L. Gittings and N. N. Brown. 2,133,692; Oct. 18.
- Litter or carriage. Frank and Frederick Koenigkramer. 2,110,227; Mar. 8.
- Live center. V. F. Lippard. 2,131,327; Sept. 27.
- Load carrying joint. G. H. Hufford. 2,124,034; July 19.
- Load compensation in oil well pumps. G. M. Higginson. 2,107,151; Feb. 1.
- Load controlling apparatus. C. W. Metzgar. 2,125,355; Aug. 2.
- Load handling machine. G. S. Kelley. 2,126,118; Aug. 9.
- Load holding means, Safety. G. E. Miller. 2,138,386; Nov. 29.
- Load indicator device. M. L. Pinson. 2,106,652; Jan. 25.
- Load indicator for motor vehicles. A. A. Clemens. 2,129,343; Sept. 6.
- Load loss meter. W. H. Pratt. 2,125,124; July 26.
- Load supporting structure. H. H. Bunker. 2,123,931; July 19.
- Load supporting structure, Portable. T. G. Schmeiser. 2,139,470; Dec. 6.
- Load transfer device for roadways. L. B. Johnson. Re. 20,886; Oct. 18.
- Load transfer device for roadways. L. B. Johnson. 2,104,866; Jan. 11.
- Load transmitting device for railway vehicles. J. G. Blunt. 2,133,800; Oct. 18.
- Loader. S. F. Ossing. 2,125,007; July 26.
- Loader and unloader, Mechanical. W. Orlovsky. 2,105,329; Jan. 11.
- Loader, Dual Lehr. J. P. Benoit. 2,113,929; Apr. 12.
- Loader for guns. V. F. Lucht and E. C. Goebert. 2,112,853; Apr. 5.
- Loader for loose materials, Mechanical. J. Sheppard. 2,135,773; Nov. 8.
- Loader mechanism. M. S. Moore. 2,113,897; Apr. 12.
- Loader, Power. J. L. Clarkson. Re. 20,883; Oct. 18.
- Loader, Tractor truck. C. J. Villerup. 2,109,440; Feb. 22.
- Loading and unloading device. D. Oliva. 2,132,082; Oct. 4.
- Loading apparatus. O. F. Brauer. 2,139,667; Dec. 13.
- Loading apparatus. D. C. Turnbull. 2,131,771; Oct. 4.
- Loading apparatus for vehicles. C. K. Edwards. 2,130,951; Sept. 20.
- Loading board. W. F. Simonson. 2,131,922; Oct. 4.
- Loading device. W. E. Hamlin. 2,107,569; Feb. 8.
- Loading device. D. C. Hinds. 2,126,387; Aug. 9.
- Loading device. J. E. Owen and G. W. Bryson. 2,119,139; May 31.
- Loading device. S. J. Strid and S. O. Taylor. 2,127,965-6; Aug. 23.
- Loading device for developer tanks, Daylight. P. Hagen. 2,135,618; Nov. 8.
- Loading machine. G. G. Bennett and W. J. Dallas. 2,130,057; Sept. 13.
- Loading machine. F. Cartledge. 2,107,469; Feb. 8.
- Loading machine. F. Cartledge. 2,110,568; Mar. 8.
- Loading machine. F. Cartledge. 2,114,438; Apr. 19.
- Loading machine. F. Cartledge. 2,120,274; June 14.
- Loading machine. F. Cartledge. 2,135,882; Nov. 8.
- Loading machine. J. L. Clarkson. 2,141,147-8; Dec. 20.
- Loading machine. F. B. Miller. 2,135,141; Nov. 1.
- Loading machine. E. B. Royle. 2,134,532; Oct. 25.
- Loading machine. W. W. Sloane. 2,104,247; Jan. 4.
- Loading machine. W. W. Sloane. 2,113,630; Apr. 12.
- Loading machine, Portable. N. D. Levin. 2,139,834; Dec. 13.
- Loading machine, Portable. N. D. Levin. 2,140,636; Dec. 20.
- Loading mechanism for heel-attaching machines. N. E. Gour. 2,112,885; Apr. 5.
- Loaf-forming machine. E. F. Gielow. 2,119,673; June 7.
- Lobby display machine. H. J. Fowler. 2,127,724; Aug. 23.



- Lobster claw lock. L. J. Barwood. 2,108,327; Feb. 15.  
 Lobster-claw lock. L. J. Barwood. 2,136,484; Nov. 15.  
 Lobster-claw lock. L. J. Barwood. 2,138,651; Nov. 29.  
 Locating member for a film magazine with respect to motion picture apparatus. O. Wittel and L. R. Martin. 2,132,714; Oct. 11.  
 Lock: See—  
   Adjustable cord lock. Gooseneck bicycle lock.  
   Assembling elevator lock. Knob lock.  
   Automatic chain lock. Lobster claw lock.  
   Automatic safety lock. Nut lock.  
   Automobile door lock. Permutation lock.  
   Automobile lock. Pickproof lock.  
   Beam lock. Riot lock.  
   Bicycle lock. Spring lock.  
   Bolt and chain lock. Steering column lock.  
   Bolt or nut lock. Switch lock.  
   Bottle lock. Tank lock.  
   Cap lock. Time lock.  
   Chain snare lock. Tire cover lock.  
   Combination lock. Tire lock.  
   Cord lock. Valve lock.  
   Crib side lock. Vise lock.  
   Cylinder lock. Window adjustment lock.  
   Dental bridge lock. Window and door lock.  
   Door knob lock. Window lock.  
   Door lock. Window sash lock.  
   Electric lock. Wrist pin lock.  
   Electric plug lock.  
   Electrically controlled lock.  
 Lock. K. A. Brauning. 2,112,982; Apr. 5.  
 Lock. K. C. Bugg. 2,116,011; May 3.  
 Lock. R. T. Burgess. 2,127,583; Aug. 23.  
 Lock. A. J. Denerich. 2,114,073; Apr. 12.  
 Lock. J. G. Dunseath. 2,131,315; Sept. 27.  
 Lock. F. Elbaum. 2,109,264; Feb. 22.  
 Lock. M. H. Esten. 2,105,690; Jan. 18.  
 Lock. B. S. Falk. 2,104,981; Jan. 11.  
 Lock. H. M. Gaststrom. 2,131,506; Sept. 27.  
 Lock. D. S. Geiser. 2,123,993; July 19.  
 Lock. J. Hammarle. 2,125,227; July 26.  
 Lock. F. H. Harp. 2,138,856; Dec. 6.  
 Lock. H. V. Holland. 2,129,324; Sept. 6.  
 Lock. Jacob, Jane, and Jean Pauloski. 2,110,094; Mar. 1.  
 Lock. E. N. Jacobi. 2,105,659; Jan. 18.  
 Lock. E. N. Jacobi. 2,111,214-5; Mar. 15.  
 Lock. E. N. Jacobi. 2,124,736; July 26.  
 Lock. E. N. Jacobi. 2,126,391; Aug. 9.  
 Lock. S. A. Liss. 2,122,478; July 5.  
 Lock. G. A. and L. K. Loftin. 2,135,905; Nov. 8.  
 Lock. C. B. Lowe and K. A. Brauning. 2,111,511; Mar. 15.  
 Lock. A. R. MacLagan. 2,134,368; Oct. 25.  
 Lock. V. E. Malley. 2,136,054; Nov. 8.  
 Lock. A. W. Miller. 2,139,842; Dec. 13.  
 Lock. J. H. Milligan. 2,119,866; June 7.  
 Lock. D. D. M. Moffitt. 2,106,955; Feb. 1.  
 Lock. E. W. North. 2,136,654; Nov. 15.  
 Lock. P. W. Olson. 2,115,042; Apr. 26.  
 Lock. A. J. Pacewick. 2,115,784; May 3.  
 Lock. J. P. Peterson. 2,113,121; Apr. 5.  
 Lock. J. Polki. 2,114,684; Apr. 19.  
 Lock. H. H. Rauh. 2,111,515; Mar. 15.  
 Lock. H. G. Rubner. 2,129,967; Sept. 13.  
 Lock. W. R. Schlage. 2,116,001; May 3.  
 Lock. E. Sinner. 2,117,515; May 17.  
 Lock. E. B. Stone. 2,137,987; Nov. 22.  
 Lock. I. C. White. 2,121,515; June 21.  
 Lock and alarm, Window. F. Piper. 2,139,848; Dec. 13.  
 Lock and chain, Combination. S. Zingman. 2,118,635; May 24.  
 Lock and door retainer, Combined. A. Haberstamp. 2,123,303; July 12.  
 Lock and key, Magnetic. E. M. Ractliffe. 2,121,301; June 21.  
 Lock and latch. H. J. Godfried. 2,117,715; May 17.  
 Lock and latch, Combined. J. E. Price. Re. 20,639; Jan. 25.  
 Lock and switch device. R. Macdonald. 2,116,246; May 3.  
 Lock and the like, Jail. F. Adam. 2,119,090; May 31.  
 Lock bracket. W. H. Zimballist. 2,127,280; Aug. 16.  
 Lock-bolt, Automobile door. H. D. Geyer. 2,125,779; Aug. 2.  
 Lock center and forming it. A. L. Schuyler, R. B. Knoth, and A. R. MacLagan. 2,118,948; May 31.  
 Lock construction. S. Brantingson. 2,135,322-3; Nov. 1.  
 Lock construction. C. Courtney. 2,132,606; Oct. 11.  
 Lock controlling mechanism for transferable freight containers. B. F. Fitch. 2,108,813; Feb. 22.  
 Lock device. S. Wise. 2,140,489; Dec. 13.  
 Lock, Door. W. A. Beauchamp. Re. 20,616; Jan. 11.  
 Lock for accordions, Bellows. F. Stuchly. 2,129,247; Sept. 6.  
 Lock for automobile doors. F. Accardi. 2,108,359; Feb. 15.  
 Lock for automobile engine hoods, Automatic. C. M. Bogard. 2,114,208; Apr. 12.  
 Lock for automobiles, Door. J. Drzewiecki. 2,140,129; Dec. 13.  
 Lock for automobiles, Electric door. C. H. Bruns. 2,139,183; Dec. 6.  
 Lock for automobiles, Window. R. F. Christman. 2,124,245; July 19.  
 Lock for bicycles and other purposes. S. Wise. 2,118,126; May 24.  
 Lock for cameras, Automatic cable-release. G. Everhart. 2,129,998; Sept. 13.  
 Lock for gas cocks, Safety. M. P. Janisch. 2,128,362; Aug. 30.  
 Lock for house doors. L. Lebeau. 2,128,002; Aug. 23.  
 Lock for metal roofing, Anchor. A. Selph. 2,112,178; Mar. 22.  
 Lock for roll roofing, Seam. W. H. Robison. 2,110,402; Mar. 8.  
 Lock for shears and the like, Nut. C. J. Dalley. 2,108,654; Feb. 15.  
 Lock for threaded fastening instrumentalities. W. H. Murray. 2,131,407; Sept. 27.  
 Lock for vehicle springs, Hydraulic. R. H. Rosenberg. 2,127,755; Aug. 23.  
 Lock for zipper bags. A. C. Strayer. 2,112,795; Mar. 29.  
 Lock-latch, Jimmyproof. H. M. Kilpatrick. 2,107,300; Feb. 8.  
 Lock means for coupling elements in ophthalmic mountings or the like. J. J. Rohrbach. 2,111,333; Mar. 15.  
 Lock or latch mechanism. M. O. Goldsmith. 2,130,736; Sept. 20.  
 Lock parts and forming them. A. L. Schuyler. 2,114,033; Apr. 12.  
 Lock parts and forming them. A. L. Schuyler and A. R. MacLagan. 2,114,032; Apr. 12.  
 Lock, Permutation. R. K. Winning. Re. 20,879; Oct. 4.  
 Lock-pin construction for fixed bridgework. C. D. Morton. 2,129,861; Sept. 13.  
 Lock protector. R. E. Crossman. 2,114,913; Apr. 19.  
 Lock rod operating device. F. H. Foss. 2,120,202; June 7.  
 Lock safety device, Door. C. Doepfel. 2,136,677; Nov. 15.  
 Lock seal bag. A. C. Strayer. 2,136,598; Nov. 15.  
 Lock seam culverts, Method and apparatus for making helical. J. R. Freeze. 2,136,942; Nov. 15.  
 Lock slider, Reversible. D. Marinsky. 2,131,567; Sept. 27.  
 Lock structure, Automobile. A. C. Mabee. 2,135,759; Nov. 8.  
 Lock structure, Wheel hub. B. M. Short. 2,109,684; Mar. 1.  
 Lock switch. E. N. Jacobi. 2,123,507; July 12.  
 Lock-top container. M. P. Kernahan. 2,122,746; July 5.  
 Lock valve. J. D. Newell. 2,132,315; Oct. 4.  
 Lock washer. A. Hall and W. T. Young. 2,128,938; Sept. 6.  
 Lock washer. C. G. Olson. 2,112,495; Mar. 29.  
 Locker, Cold storage. A. G. Amos, E. E. McGrew, and P. Hergenrader. 2,137,105; Nov. 15.  
 Locker construction and latch mechanism. J. F. Schaefer. 2,131,642; Sept. 27.  
 Locking and latching means. A. M. Bier. 2,129,810; Sept. 13.  
 Locking and operating system for cell doors, Safety. H. P. Manly. 2,104,661; Jan. 4.  
 Locking bar, Door. G. Zaninovich. 2,130,216; Sept. 13.  
 Locking device. J. W. Albin. 2,110,434; Mar. 8.  
 Locking device. R. O. Allen. 2,108,032; Feb. 15.  
 Locking device. V. T. Julin. 2,128,825; Aug. 30.  
 Locking device. R. W. Laling. 2,134,923; Nov. 1.  
 Locking device. G. P. Mahood. 2,140,917; Dec. 20.  
 Locking device. A. L. McIlugh. 2,140,644; Dec. 20.  
 Locking device. A. R. Multhead. 2,136,147; Nov. 8.  
 Locking device. C. G. Olson. 2,128,429; Aug. 30.  
 Locking device. E. H. White. 2,140,066; Dec. 13.  
 Locking device, Combined ignition and gear shift. A. Ratti. 2,140,812; Dec. 20.  
 Locking device for automobile hoods. H. J. Nyhus. 2,136,948; Nov. 15.  
 Locking device for bearings and the like. T. C. Delaval Crow. 2,136,125; Nov. 8.  
 Locking device for bearings and the like. A. R. Spruwell. 2,136,155; Nov. 8.  
 Locking device for clocks, Pendulum. H. Junghans. 2,138,345; Nov. 29.  
 Locking device for electric light bulbs. H. C. Healey. 2,113,138; Apr. 5.  
 Locking device for electrical plug and socket arrangement. L. N. Davis. 2,129,914; Sept. 13.  
 Locking device for mail receptacles. T. F. Murphy. 2,108,440; Feb. 15.  
 Locking device for preventing accidental loosening of separable screwed pipe joints. R. Avigdor. 2,133,841; Oct. 18.  
 Locking device for removable heels. G. H. Gills. 2,125,158; July 26.  
 Locking device for semitrailers. F. M. Reid. 2,120,509; June 14.  
 Locking device for vehicle wheels. E. P. Hurd. 2,124,035; July 19.  
 Locking device for vehicle wheels. I. Salves. 2,136,760; Nov. 15.  
 Locking device, Landing gear. W. Tyden and W. O. Watson. 2,110,749; Mar. 8.  
 Locking device, Security. J. J. Martinez and D. S. Cusi. 2,104,204; Jan. 4.



- Locking device, Severable. J. J. Martinez and D. S. Cusi. 2,113,306; Apr. 5.
- Locking device with a plurality of latches. E. Massholder. 2,119,996; June 7.
- Locking means. W. M. Hamon. 2,121,230; June 21.
- Locking means for automobile doors, Multiple. H. Irwin. 2,107,737; Feb. 8.
- Locking means for differentials. W. W. Lawrence. 2,132,692; Oct. 11.
- Locking means for draft key retainer pins. G. T. Cooke. 2,112,807; Mar. 29.
- Locking means for fluid motors. E. C. S. Clench. 2,119,419; May 31.
- Locking means for guard standards of vehicle bodies. C. C. Rawlings. 2,139,317; Dec. 6.
- Locking means for interthreaded elements. D. T. A. Garnier. 2,138,850; Dec. 6.
- Locking means for iron supporting mechanism. J. W. Jensen. 2,131,286; Sept. 27.
- Locking means for motor vehicles, Hydraulic. D. E. Webb. 2,111,687; Mar. 22.
- Locking means for screw threaded fasteners. C. G. Olson. 2,112,494; Mar. 29.
- Locking means for threaded elements. R. T. Hosking. 2,112,493; Mar. 29.
- Locking mechanism. E. D. Dall. 2,123,525; July 12.
- Locking mechanism. D. W. Kahle. 2,115,422; Apr. 26.
- Locking mechanism. E. T. Miller. 2,129,228; Sept. 6.
- Locking mechanism. M. Tibbets. 2,121,060; June 21.
- Locking mechanism for building structures. S. J. Hodoss. 2,123,107; July 5.
- Locking mechanism for motor vehicles. M. Tibbets. 2,127,543; Aug. 23.
- Locking mechanism for Venetian blinds. G. K. Bradfield, Jr. 2,115,796; May 3.
- Locking mechanism, Press box. J. S. Nevitt. 2,111,638; Mar. 22.
- Locking snap fastener. L. Roseman. 2,114,429-30; Apr. 19.
- Locking stop valve. J. E. Glasscock. 2,106,092; Jan. 18.
- Locking stud and socket snap fastener. L. Roseman. 2,114,431; Apr. 19.
- Locking system. E. D. Dall. 2,135,967; Nov. 8.
- Locking system for heddle frames and the like, Heddle bar. G. F. Bahn. 2,108,095; Feb. 15.
- Locket. L. S. Chilson. 2,129,491; Sept. 6.
- Locomotive. R. W. Anderson. 2,109,630; Mar. 1.
- Locomotive. H. Glanzer. 2,118,042; May 24.
- Locomotive. R. G. F. Loewy and H. A. Nonemaker. 2,128,490; Aug. 30.
- Locomotive. H. Nyffenegger. 2,140,967; Dec. 20.
- Locomotive and tender. F. P. Roesch. 2,122,114; June 28.
- Locomotive and tender and vestibule curtain structure therefor, Streamlined. W. L. Lentz and C. F. Kantola. 2,108,203; Feb. 15.
- Locomotive body. E. Gray. 2,119,535; June 7.
- Locomotive, Combined steam and electric. P. H. Ferrier. 2,122,341; June 28.
- Locomotive crosshead safety construction. T. V. Buckwalter. 2,110,104; Mar. 1.
- Locomotive draft chamber. G. S. Boyler. 2,105,716; Jan. 18.
- Locomotive engine exhaust. J. S. Keen. 2,112,534; Mar. 29.
- Locomotive flange oiler, Automatic. J. A. Guffra. 2,106,924; Feb. 1.
- Locomotive front end construction. H. A. Hoke. 2,132,823; Oct. 11.
- Locomotive, Railway. F. L. Alben. 2,128,066; Aug. 23.
- Locomotive, Railway. W. A. Brecht. 2,128,072; Aug. 23.
- Locomotive, Railway. J. P. Shamberger and F. L. Alben. 2,130,908; Sept. 20.
- Locomotive seat, Adjustable. H. L. Hobby. 2,122,345; June 28.
- Locomotive structure. H. Hoblitzelle. 2,110,020; Mar. 1.
- Locomotive structure. W. L. Lentz and C. F. Kantola. 2,119,082; May 31.
- Locomotive superheater. V. Z. Caracristi. 2,107,815; Feb. 8.
- Locomotive tender. P. A. Ketchpel. 2,107,419; Feb. 8.
- Locomotive tender. W. L. Lentz and C. F. Kantola. 2,108,204; Feb. 15.
- Locomotive tender. F. P. Roesch. 2,121,328; June 21.
- Locomotive with pneumatic transmission by means of a mixture of compressed air and steam. L. Neumann. 2,130,310; Sept. 13.
- Locomotives with direct transmission and with automatically supercharged motor when decreasing the velocity. Diesel type. E. Hocke and F. Zarlati. 2,115,525; Apr. 26.
- Log-cutting apparatus. R. E. Wheless. 2,123,580; July 12.
- Log for measuring the distance traveled by water-borne vessels. G. A. and W. A. E. Rockall. 2,136,756; Nov. 15.
- Log scaler. J. C. Clarke. 2,110,757; Mar. 8.
- Log system for ships. A. P. Davis. 2,133,133; Oct. 11.
- Logging apparatus. E. H. King. 2,131,402; Sept. 27.
- Logging equipment. K. Berger. 2,134,243; Oct. 25.
- Logging well formation. F. G. Beckman. 2,132,717; Oct. 11.
- Logs, Apparatus for barking. J. D. Ullgren. 2,125,529; Aug. 2.
- Logs, Towing. H. F. Berg. 2,106,906; Feb. 1.
- Longload signal. J. E. Mackay. 2,130,467; Sept. 20.
- Loom: See—
- Automatic loom. Narrow ware loom.
- Axminster loom. Pick and pick weft replenishing loom.
- Bobbin changing loom. Reed loom.
- Box loom. Shuttle changer loom.
- Change-box loom. Shuttle changing loom.
- Circular loom. Toy loom.
- Double-shed loom. Tuft weaving loom.
- Hand loom. Weaving loom.
- Jacquard loom. Weft replenishing loom.
- Magnetic loom.
- Multished loom.
- Loom. W. H. Baker. 2,123,595; July 12.
- Loom. S. Bayan. 2,114,206; Apr. 12.
- Loom. W. F. Bird and W. R. Hewton. 2,111,525; Mar. 15.
- Loom. C. D. Brown. 2,105,450; Jan. 11.
- Loom. H. H. Burdett. 2,120,199; June 7.
- Loom. A. W. Drobile. 2,106,727; Feb. 1.
- Loom. W. H. Hall, Jr. 2,142,025; Dec. 27.
- Loom. C. L. Hoff. 2,134,125; Oct. 25.
- Loom. S. Jacobs. 2,113,730; Apr. 12.
- Loom. F. D. Lindquist. 2,106,504; Jan. 25.
- Loom binder. H. I. Emmons. 2,120,144; June 7.
- Loom, Center stop motion for. G. E. Adams. 2,141,636; Dec. 27.
- Loom feeder, Uniform-tension. E. G. Jegge and G. W. Kretschmar. 2,118,046; May 24.
- Loom filling carrier tip support. H. J. Lanier. 2,126,645; Aug. 9.
- Loom for weaving. J. Wolfensberger. 2,107,592; Feb. 8.
- Loom heddle shifting device, Hand. L. R. Linn. 2,132,078; Oct. 4.
- Loom harness, Jacquard. J. J. Kaufmann. 2,129,940; Sept. 13.
- Loop length control mechanism. G. Gastrich. 2,140,472; Dec. 13.
- Loom parallel. C. D. Brown. 2,139,439; Dec. 6.
- Loom reed. H. E. Schmidt. 2,107,877; Feb. 8.
- Loom reed adjusting means. J. B. Jackson. 2,109,444; Feb. 22.
- Loom release, Throw shuttle type. W. H. West. 2,114,949; Apr. 19.
- Loom rope stop motion, Axminster. F. Darlenzo. 2,140,789; Dec. 20.
- Loom shuttle. W. R. Hewton. 2,135,664; Nov. 8.
- Loom shuttle. S. J. Major. 2,105,816; Jan. 18.
- Loom shuttle. P. L. Spencer. 2,140,060; Dec. 13.
- Loom stopping mechanism, Weft controlled. J. Regan. 2,134,342; Nov. 1.
- Loom sword bearing clamp. W. H. Bahan. 2,139,993; Dec. 13.
- Loom temple. R. H. Gelinas. 2,118,504; May 24.
- Loom temple. B. Stevenson. 2,112,867; Apr. 5.
- Loom temple. F. J. Wilson. 2,113,557; Apr. 5.
- Loom temple roll. C. D. Brown. 2,140,448; Dec. 13.
- Loom with shuttle changing and loom stopping mechanism. R. G. Turner. 2,135,155; Nov. 1.
- Loom with stationary weft supplies. C. Clutson. 2,130,636; Sept. 20.
- Looms, Electric feeler mechanism for. S. O. Dodge. 2,117,304; May 17.
- Looms, Electric filling feeler mechanism for. K. V. McCaleb and P. Starniri. 2,127,182; Aug. 16.
- Looms, Filling-changing mechanism for. G. Wiget. 2,125,470; Aug. 2.
- Looms, Lay motion for. R. G. Turner. 2,141,676; Dec. 27.
- Looms, Let-off mechanism for. W. P. Bodie. 2,135,098; Nov. 1.
- Looms, Let-off mechanism for. A. Grenier. 2,107,696; Feb. 8.
- Looms, Looping attachment for. J. S. Kennary. 2,112,912; Apr. 5.
- Looms, Measuring device for. W. A. Tilton. 2,139,610; Dec. 6.
- Looms, Picking motion for. O. V. Payne. 2,141,666; Dec. 27.
- Looms, Protector mechanism for. V. H. Jennings. 2,139,412; Dec. 6.
- Looms, Shuttle-changing device for. C. Valentin and E. Haller. 2,135,608; Nov. 8.
- Looms, Shuttle guard attachment for. H. J. Tyree, C. Talley, and G. A. Gill. 2,106,510; Jan. 25.
- Looms, Warp beam for. J. T. Jones. 2,137,572; Nov. 22.
- Loop cutting and edge trimming machine. H. E. Burr. 2,110,567; Mar. 8.
- Loop feed for machines for applying ornamentation to header loops, Automatic. H. A. Klahre. 2,104,398; Jan. 4.
- Loop-forming and attaching device. J. D. Karle. 2,117,964; May 17.
- Loop regulating mechanism, Multiple. G. Bitzer. 2,125,831; Aug. 2.
- Loose leaf device. A. M. Martin. 2,129,224; Sept. 6.
- Loss prevention device. G. B. Shively. 2,126,826; Aug. 16.
- Loudspeaker. G. S. Carbonneau. 2,141,949; Dec. 27.
- Loudspeaker. B. A. Engholm. 2,119,272; May 31.
- Loud speaker. J. P. Quam. 2,124,338; July 19.
- Loud speaker. J. M. Stone. 2,123,442; July 12.



- Loudspeaker. G. E. Sundstrom. 2,138,461; Nov. 29.  
 Loudspeaker. E. Thienhaus. 2,115,129; Apr. 26.  
 Loudspeaker construction. E. E. Wickersham. 2,128,722; Aug. 30.  
 Loudspeaker, Electrodynamic. F. Ulrich and A. Schaaf. 2,134,064; Oct. 25.  
 Loud speaker mounting. B. A. Engholm. 2,115,098; Apr. 26.  
 Loudspeaker mounting. R. E. Tolerton. 2,141,423; Dec. 27.  
 Loudspeaker system for power circuits, Two-way intercommunicating. S. J. Levy. 2,114,718; Apr. 19.  
 Louver construction. R. G. Anderson. 2,126,525; Aug. 9.  
 Louver construction for cooling towers. R. R. Pabodie. 2,107,496; Feb. 8.  
 Louver for railway cars. B. C. Baade. 2,123,838; July 12.  
 Lowering apparatus. F. Pardee, Jr. 2,109,139; Feb. 22.  
 Lubricant. J. F. T. Berliner. 2,130,664; Sept. 20.  
 Lubricant. J. G. Butz. 2,138,835; Dec. 6.  
 Lubricant. T. L. Cantrell and J. O. Turner. 2,134,432; Oct. 25.  
 Lubricant. E. Eichwald. 2,114,525; Apr. 19.  
 Lubricant. L. P. Grobel. 2,134,554; Oct. 25.  
 Lubricant. W. D. Hodson. 2,122,940; July 5.  
 Lubricant. D. Lipkin. 2,109,490-91; Mar. 1.  
 Lubricant. C. F. Prutton and A. K. Smith. 2,137,783; Nov. 22.  
 Lubricant. R. Reuter. 2,134,736; Nov. 1.  
 Lubricant. P. J. Wiezevich. 2,104,408; Jan. 4.  
 Lubricant. P. J. Wiezevich. 2,104,409; Jan. 4.  
 Lubricant and lubrication therewith. A. W. Lewis. 2,139,758; Dec. 13.  
 Lubricant and making the same. H. T. Bennett and C. Prather. 2,117,076; May 10.  
 Lubricant and method of lubricating. C. F. Prutton and A. K. Smith. 2,137,784; Nov. 22.  
 Lubricant and method of lubricating metal during forming operations. H. A. Montgomery. 2,126,128; Aug. 9.  
 Lubricant and method of lubrication. B. H. Lincoln and W. L. Steiner, and A. Henriksen. 2,137,777; Nov. 22.  
 Lubricant, Anhydrous. M. T. Flaxman. 2,130,540; Sept. 20.  
 Lubricant composition. A. J. van Peski and W. Coltof. 2,128,574; Aug. 30.  
 Lubricant compositions, High film strength. W. J. Marsh and J. A. Spina. 2,118,216; May 24.  
 Lubricant compositions of high film strength. W. J. Marsh and J. A. Spina. 2,118,217; May 24.  
 Lubricant demetallizer. A. C. Vobach and M. Fairlie. 2,105,851; Jan. 18.  
 Lubricant dispenser. R. J. Gray. 2,137,740; Nov. 22.  
 Lubricant dispenser. H. R. Tear. 2,106,023; Jan. 18.  
 Lubricant, Extreme pressure. F. R. Moser and M. C. Tuyn. 2,136,885; Nov. 15.  
 Lubricant, Extreme pressure. A. W. Ralston. 2,125,851; Aug. 2.  
 Lubricant, Extreme pressure. A. W. Ralston. 2,141,142; Dec. 20.  
 Lubricant gun set. I. L. Eastman. 2,124,138; July 19.  
 Lubricant injecting tool. H. W. Hazelp. 2,130,009; Sept. 13.  
 Lubricant of high film strength. W. J. Marsh. 2,125,169; July 26.  
 Lubricant of high film strength. W. J. Marsh and J. A. Spina. 2,118,215; May 24.  
 Lubricant preparation. J. M. Musselman and E. B. McConnell. 2,108,386; Feb. 15.  
 Lubricant, Reclaimed. A. E. Ganzert. 2,131,139; Sept. 27.  
 Lubricant testing device. H. C. Drake and L. J. De Lanty. 2,108,580; Feb. 15.  
 Lubricant, Top cylinder. A. W. Burwell. 2,107,233; Feb. 1.  
 Lubricant, Treated. A. E. Ganzert. 2,131,138; Sept. 27.  
 Lubricant, Upper cylinder. A. Duckham. 2,110,503; Mar. 8.  
 Lubricants. G. Kaufman and R. F. Nelson. 2,114,843; Apr. 19.  
 Lubricants. C. F. Prutton. 2,121,824-5; June 28.  
 Lubricants and making the same, Ester-containing. P. J. Wiezevich, now by change of name P. J. Gaylor, and L. B. Turner. 2,107,316; Feb. 8.  
 Lubricants and manufacturing the same. A. H. Gleason. 2,106,247; Jan. 25.  
 Lubricants, Manufacturing. F. R. Moser. 2,124,628; July 26.  
 Lubricants, Producing stable hydrocarbon. O. E. Roberts, Jr. 2,119,403; May 31.  
 Lubricants, Production of. M. Pier and F. Christmann. 2,140,545; Dec. 20.  
 Lubricants, Testing. F. A. Faville. 2,106,170; Jan. 25.  
 Lubricants, Testing of. A. J. McMaster and A. Christly. 2,122,578; July 5.  
 Lubricants to the bearings of rotary shafts and the like, Supplying. J. D. Scaffe. 2,133,476; Oct. 18.  
 Lubricated axle bearing. V. A. Bary. 2,118,138; May 24.  
 Lubricated valve. J. J. McBride. 2,139,280; Dec. 6.  
 Lubricating apparatus. D. G. Adams. 2,104,146; Jan. 4.  
 Lubricating apparatus. C. G. Butler. Re. 20,852; Sept. 13.  
 Lubricating apparatus. J. Bystrieky. 2,123,451; July 12.  
 Lubricating apparatus. B. W. Davis. 2,126,176; Aug. 9.  
 Lubricating apparatus. E. W. Davis. 2,128,637; Aug. 30.  
 Lubricating apparatus. E. W. Davis. 2,133,084; Oct. 11.  
 Lubricating apparatus. E. W. Davis. 2,135,563; Nov. 8.  
 Lubricating apparatus. E. G. Gartin. 2,105,493; Jan. 18.  
 Lubricating apparatus. M. C. Huffman. 2,105,491; Jan. 18.  
 Lubricating apparatus. G. A. Hunter. 2,118,381; May 24.  
 Lubricating apparatus. V. G. Klein. 2,116,760; May 10.  
 Lubricating apparatus. L. C. Rotter. 2,141,022; Dec. 20.  
 Lubricating composition. F. L. Miller. 2,136,391; Nov. 15.  
 Lubricating composition. F. L. Miller and C. Winning. 2,115,823; May 3.  
 Lubricating composition. C. F. Prutton and A. K. Smith. 2,137,782; Nov. 22.  
 Lubricating composition. C. Tietig. Re. 20,957; Dec. 27.  
 Lubricating composition. J. I. Wasson. 2,108,954; Feb. 22.  
 Lubricating composition. J. C. Zimmer and A. J. Morway. 2,113,754; Apr. 12.  
 Lubricating composition and manufacturing the same. J. I. Wasson. 2,133,493; Oct. 18.  
 Lubricating composition and process of making. J. M. Musselman. 2,113,599; Apr. 12.  
 Lubricating compositions. G. D. Graves. 2,111,769; Mar. 22.  
 Lubricating compositions, Manufacture of improved. T. L. Cantrell and J. O. Turner. 2,109,463; Mar. 1.  
 Lubricating device. C. H. Bock. 2,115,984; May 3.  
 Lubricating device. L. A. Carter. 2,140,983; Dec. 20.  
 Lubricating device. O. B. Clark. 2,123,712; July 12.  
 Lubricating device. P. H. Conradson. 2,123,168; July 12.  
 Lubricating device. J. L. Creveling. 2,118,373; May 24.  
 Lubricating device. H. B. Cunningham and J. W. Tucker. 2,115,457; Apr. 26.  
 Lubricating device. W. H. Foster. 2,107,858; Feb. 8.  
 Lubricating device. N. Garcia. 2,139,677; Dec. 13.  
 Lubricating device. E. G. Gartin. 2,105,492; Jan. 18.  
 Lubricating device. H. B. McElrath. 2,120,031; June 7.  
 Lubricating device. W. T. Pritchard. 2,133,831; Oct. 18.  
 Lubricating device. H. R. Tear. 2,109,832; Mar. 1.  
 Lubricating device. H. R. Tear. 2,112,450; Mar. 29.  
 Lubricating device. H. R. Tear. 2,116,004; May 3.  
 Lubricating device. H. R. Tear. 2,118,367; May 24.  
 Lubricating device. H. R. Tear. 2,121,996; June 28.  
 Lubricating device. H. R. Tear. 2,126,423-4; Aug. 9.  
 Lubricating device. H. R. Tear. 2,128,382-3; Aug. 30.  
 Lubricating device. H. R. Tear and O. B. Clark. 2,116,005; May 3.  
 Lubricating device and securing same. J. L. Creveling. 2,126,452; Aug. 9.  
 Lubricating device, Automatic. M. C. Hammond. 2,141,863; Dec. 27.  
 Lubricating device for rings and travelers. W. Köhler. 2,141,754; Dec. 27.  
 Lubricating fluid. W. G. Klitzke. 2,120,616; June 14.  
 Lubricating installation, Automatic centralized. J. Bijur. 2,104,729; Jan. 11.  
 Lubricating means. J. L. Creveling. 2,123,404; July 12.  
 Lubricating means. J. L. Creveling. 2,136,492; Nov. 15.  
 Lubricating means for bearings. V. A. Bary. 2,132,890; Oct. 11.  
 Lubricating means for change speed mechanisms. F. M. Vandervoort. 2,121,214; June 21.  
 Lubricating means for sewing machine loop-takers. W. Myers. 2,128,573; Aug. 30.  
 Lubricating preparation. H. F. Green. 2,104,641; Jan. 4.  
 Lubricating system. D. R. Hills. 2,105,595; Jan. 18.  
 Lubricating system. A. F. Leppla and E. G. Mangels. 2,112,032; Mar. 22.  
 Lubricating system. G. T. Moore. 2,112,860; Apr. 5.  
 Lubricating system for internal combustion engines. W. S. Harley. 2,111,242; Mar. 15.  
 Lubricating system for internal combustion engines. C. A. Winslow. 2,118,283; May 24.  
 Lubricating system with two pumps. J. B. Watson. 2,134,161; Oct. 25.  
 Lubricating threading tool. V. B. Westfall. 2,136,121; Nov. 8.  
 Lubricating valve. G. H. Acker. 2,105,577; Jan. 18.  
 Lubrication. J. Bijur. 2,105,468; Jan. 18.  
 Lubrication. J. Bijur. 2,134,607; Nov. 1.  
 Lubrication. E. H. Kocher. 2,122,427; July 5.  
 Lubrication. A. W. Lewis. 2,134,306; Oct. 25.  
 Lubrication. C. F. Prutton. 2,119,556; June 7.  
 Lubrication and wear, Testing of. R. L. H. Smith. 2,108,948; Feb. 22.  
 Lubrication apparatus and the like. M. Newmark and E. Moss. 2,136,893; Nov. 15.  
 Lubrication. Central. J. Bijur. 2,139,659; Dec. 13.  
 Lubrication equipment and venting the same. D. R. McNeal. 2,127,129; Aug. 16.  
 Lubrication, Extreme pressure. T. L. Cantrell and J. O. Turner. 2,134,436; Oct. 25.  
 Lubrication system, Centralized. J. L. Creveling. 2,126,451; Aug. 9.  
 Lubrication system for internal combustion engines. F. F. Kishline. 2,139,649; Dec. 6.  
 Lubrication, Turbine. T. L. Cantrell and J. O. Turner. 2,134,435; Oct. 25.



- Lubricator: *See*—  
 Automatic lubricator. Piston lubricator.  
 Car journal lubricator. Pump lubricator.  
 Compressor lubricator. Rail lubricator.  
 Hand lubricator. Rail and wheel flange  
 Journal box lubricator. lubricator.  
 Journal lubricator.  
 Lubricator. J. C. Curtis. 2,135,746; Nov. 8.  
 Lubricator. J. De Mooy. 2,111,583; Mar. 22.  
 Lubricator. W. Noble. 2,105,490; Jan. 18.  
 Lubricator. W. Noble. 2,123,197; July 12.  
 Lubricator construction. J. C. Morrow. 2,104,905; Jan. 11.  
 Lubricator for air lines, rock drills, and other compressed air apparatus. W. J. Walker and S. F. Gimkey. 2,107,225; Feb. 1.  
 Lubricator for railway car journals. B. A. Keeler and W. W. Knight. 2,138,971; Dec. 6.  
 Lubricator locating device. R. W. Miller. 2,139,692; Dec. 13.  
 Lubricator plate, Car axle. H. H. Grece. 2,134,872; Nov. 1.  
 Lubricator shaking jack. H. J. Willoughby. 2,127,279; Aug. 16.  
 Lug. J. Theis. 2,122,967; July 5.  
 Lug cap. E. M. Enkur. 2,135,635; Nov. 8.  
 Lug. Mining machine chain. C. L. Bowman. 2,118,878; May 31.  
 Lug. Solderless. F. Frankel. 2,123,506; July 12.  
 Lug strap. H. M. Bacon. 2,119,479; May 31.  
 Lug strap support. W. Herron. 2,140,675; Dec. 20.  
 Luggage carrier. A. W. Newton. 2,132,316; Oct. 4.  
 Luggage case. J. Ritter, Jr., and S. Essmus. 2,108,903; Feb. 22.  
 Luggage case, Hand. A. I. Levien. 2,136,553; Nov. 15.  
 Luggage, Hand. H. D. Gihon. 3d. 2,107,180; Feb. 1.  
 Luggage, Hand. J. H. Plotkin. 2,126,206-7; Aug. 9.  
 Luggage handle. E. Garfinkel. 2,106,911; Feb. 1.  
 Lumber, Drying. F. E. Stein. 2,113,714; Apr. 12.  
 Lumber, Indurating. W. D. Humiston. 2,108,920; Feb. 22.  
 Lumber, Interlocked gypsum. J. Sterns. 2,115,936; May 3.  
 Lumber positioning mechanism for edging machines. E. F. Sörensen. 2,111,699; Mar. 22.  
 Lumber to prevent end checking, Coating. M. Gray. 2,136,351; Nov. 8.  
 Lumber, Treating. E. J. Sweetland. 2,136,730; Nov. 15.  
 Luminaire. L. C. Doane. 2,138,373; Nov. 29.  
 Luminaire. T. W. Rolph and H. L. Logan. 2,122,295; June 28.  
 Luminaire. H. J. Flaherty. 2,109,990; Mar. 1.  
 Luminaire having means for reducing the apparent size of the light source. T. W. Rolph. 2,115,178; Apr. 26.  
 Luminescent composition and making the same. A. Wakenhut. 2,126,233; Aug. 9.  
 Luminescent device. A. N. Lucian. 2,112,854; Apr. 5.  
 Luminescent material and preparing same. H. W. Leverenz. 2,129,098; Sept. 6.  
 Luminescent screen. J. C. Batchelor. 2,124,225; July 19.  
 Luminescent tube. C. P. Boucher. 2,117,054; May 10.  
 Luminous composition of matter and producing same. J. F. Goggin. 2,131,557; Sept. 27.  
 Luminous display. H. P. Dorn. 2,138,803; Nov. 29.  
 Luminous effects, Producing. J. F. Goggin. 2,125,780; Aug. 2.  
 Luminous sign. R. Jackson. 2,137,292; Nov. 22.  
 Luminous sign. G. Tauschek. 2,120,378; June 14.  
 Luminous sign. H. O. Wolf. 2,125,009; July 26.  
 Luminous tube display. A. C. Deans. 2,106,238; Jan. 25.  
 Luminous tube sign. A. C. Deans. 2,116,721; May 10.  
 Lunch bag, Handy. P. E. Metro. 2,112,406; Mar. 29.  
 Lye a thickly liquid water solution of an adhesive substance, Producing from waste sulphite. K. B. Winlöf. 2,116,227; May 3.  
 Machine and method for making knitted fabric. A. E. and F. B. Page. 2,117,208; May 10.  
 Machine and method for making knock-down boxes. S. Bergstein. 2,125,147; July 26.  
 Machine and process for making corrugated tubing. A. Benson. 2,139,714; Dec. 13.  
 Machine control. W. D. Foster. 2,106,730; Feb. 1.  
 Machine for and method of decorating ware. W. M. Secoy. 2,116,466; May 3.  
 Machine for and method of making knitted articles. V. Morris. 2,131,231; Sept. 27.  
 Machine for and method of making paper cups. L. V. Lucia. 2,110,770; Mar. 8.  
 Machine for and process of laying roads. H. H. Barber. 2,138,828; Dec. 6.  
 Machine for applying closures to or removing them from bottles and other containers. A. Clarke. 2,130,317; Sept. 13.  
 Machine for applying decalcomanias. F. X. Malocsay. 2,117,618; May 17.  
 Machine for applying labels. G. W. von Hofe. 2,119,371; May 31.  
 Machine for applying legends to razor blades. I. S. Rodkin. 2,121,947; June 28.  
 Machine for applying mobile films. P. J. Massey. W. F. Thele, and B. P. Rapprager. 2,105,981; Jan. 18.  
 Machine for applying pressure to shoe bottoms. F. J. Better. 2,111,606; Mar. 22.  
 Machine for applying pressure to shoe bottoms. S. J. Finn. 2,117,306; May 17.  
 Machine for applying pressure to shoe bottoms. F. Kenison. 2,105,601; Jan. 18.  
 Machine for applying pressure to shoe bottoms. L. Mawbey. 2,119,591; June 7.  
 Machine for applying pressure to shoe bottoms. V. H. Meyer. 2,134,726; Nov. 1.  
 Machine for applying pressure to soles and shoes. S. J. Finn. 2,135,660; Nov. 8.  
 Machine for applying reinforcing fabric to inner soles. J. A. Scott. 2,130,816; Sept. 20.  
 Machine for arranging disks having peripheral projections in a predetermined order. L. E. La Bombard. 2,104,657; Jan. 4.  
 Machine for assembling counters and uppers. B. Jorgensen. 2,126,781; Aug. 16.  
 Machine for assembling fins and tubes. L. V. Whistler, W. H. Saabye, and W. E. Tingler. 2,133,932; Oct. 18.  
 Machine for assembling knock-down container. E. N. Lowry. 2,113,699; Apr. 12.  
 Machine for assembling ophthalmic mountings. S. E. Bouchard. 2,141,288; Dec. 27.  
 Machine for assembling packing on pistons and the like. A. Y. Dodge. 2,138,144; Nov. 29.  
 Machine for assorting articles according to their weight. E. S. Hilton. 2,138,475; Nov. 29.  
 Machine for attaching decalcomania films about cylindrical objects. A. O. Johnson. 2,140,186; Dec. 13.  
 Machine for automatic forming and delivery of ice cream. R. Hirschson. 2,136,505; Nov. 15.  
 Machine for automatically manufacturing concentric conductors adapted for electrical communications. H. Yasuoka. 2,114,120; Apr. 12.  
 Machine for blading turbine elements. A. R. Allard. 2,130,478; Sept. 20.  
 Machine for booking matches. J. R. Nolan. 2,123,252; July 12.  
 Machine for breaking and decorticating bast fibers. D. E. De Lape. 2,116,997; May 10.  
 Machine for breaking concrete. W. R. Pettit. 2,136,315; Nov. 8.  
 Machine for breaking meat fiber. E. K. Hoy and U. P. Arena. 2,126,554; Aug. 9.  
 Machine for casting hollow bodies. C. Meek. 2,118,097; May 24.  
 Machine for cementing patches on shoe soles. H. R. Myers. 2,129,437; Sept. 6.  
 Machine for churning, beating, or mixing materials. E. M. Snow. 2,137,547; Nov. 22.  
 Machine for cleaning and degreasing articles. H. Höllner. 2,104,992; Jan. 11.  
 Machine for closing and positioning springs in pockets. F. F. Zeier. 2,113,457; Apr. 5.  
 Machine for closing and sealing cartons. C. L. E. O. H. T. and E. B. Phillips. 2,104,908; Jan. 11.  
 Machine for closing bags. G. Örström. 2,121,928; June 28.  
 Machine for coating printers' rollers. C. G. Bingham and A. R. Zimmer. 2,141,852; Dec. 27.  
 Machine for coating tubes internally. C. J. Westlin. 2,141,630; Dec. 27.  
 Machine for compacting rubber shoe uppers. H. R. Polleys. 2,112,976; Apr. 5.  
 Machine for cooling cream and like products. A. Johnson. 2,131,439; Sept. 27.  
 Machine for co-operating with record receiving tapes. B. A. Proctor. 2,118,057; May 24.  
 Machine for copying contours. R. P. Schwartz. 2,111,815; Mar. 22.  
 Machine for counting paper money and similar material. E. P. Donnellan. 2,111,024; Mar. 15.  
 Machine for coupling upholstery springs. F. R. Zimmerman. 2,119,765; June 7.  
 Machine for covering heels. L. J. Bazzoni. 2,119,840; June 7.  
 Machine for covering wire with a helical wrapping. A. J. Sands. 2,106,437; Jan. 25.  
 Machine for cracking nuts. D. La Ferney. 2,140,428; Dec. 13.  
 Machine for cutting bars of soap and other plastic material. C. F. Carter. 2,136,001; Nov. 8.  
 Machine for cutting by heat pipes or similar objects angularly crosswise thereof. G. K. Hull and R. L. Drake. 2,138,676; Nov. 29.  
 Machine for cutting continuous lengths of rubber threads. E. Vincke. 2,121,062; June 21.  
 Machine for cutting ice. M. J. Uline. 2,107,968; Feb. 8.  
 Machine for cutting ice. M. J. Uline. 2,137,597; Nov. 22.  
 Machine for cutting paperboard. O. M. Masters and H. G. Stager. 2,120,920; June 14.  
 Machine for cutting sheet material. W. I. Stone. 2,131,153; Sept. 27.  
 Machine for cutting strip material for shoes. H. B. Lupien. 2,134,949; Nov. 1.  
 Machine for decorating surfaces by stencil method. L. D. Soulier. 2,121,491; June 21.  
 Machine for delivering measured charges of fluent material. J. P. Crandall. 2,121,070; June 21.  
 Machine for delivering or dispensing lengths of sealing tape from a roll. O. Massey. 2,122,843; July 5.  
 Machine for depositing cream, chocolate, or the like on biscuits. L. Marsden. 2,109,336; Feb. 22.



- Machine for dicing fruit and the like. H. E. Gray. 2,107,293; Feb. 8.
- Machine for dividing or cutting toffee, caramel, or like material. B. Whitefield. 2,109,812; Mar. 1.
- Machine for drawing flax, wool, and other fibers for forming slivers or yarn. H. T. Eves. 2,111,925-6; Mar. 22.
- Machine for effecting relative movement between shoes and their lasts. A. Pickford. 2,133,397; Oct. 18.
- Machine for electrically heating springs. F. R. Zimmerman. 2,105,105; Jan. 11.
- Machine for emplacing expansion joints and dowel bars. E. Mundt. 2,134,641; Oct. 25.
- Machine for embossing sheet-metal printing plates. J. Krell. 2,133,201; Oct. 11.
- Machine for facing the surfaces of hard substances by pressure. G. F. Brendel. 2,105,634; Jan. 18.
- Machine for filling a receptacle with granulated material. R. J. and J. H. Driscoll. 2,114,103; Apr. 12.
- Machine for finishing gears. R. S. Condon. 2,111,170; Mar. 15.
- Machine for finishing gears. R. S. Drummond. 2,121,479; June 21.
- Machine for finishing spherical surfaces. A. C. Secor. 2,134,210; Oct. 25.
- Machine for fixing locks, fastenings, and fittings to attached and similar cases. C. W. Cheney. 2,120,693; June 14.
- Machine for forming coin gauges. G. A. Long. 2,104,620; Jan. 4.
- Machine for forming gears. J. L. Perkins. 2,112,996; Apr. 5.
- Machine for forming ribbed strips. R. E. Woodburn. 2,136,533; Nov. 15.
- Machine for forming separable fasteners. N. J. Poux. 2,129,444; Sept. 6.
- Machine for forming spiral bevel gear cutters. E. C. Head. 2,135,894; Nov. 8.
- Machine for forming tubular sheet-material bodies. C. L. Baker. 2,125,414; Aug. 2.
- Machine for generating gears. H. Schicht. 2,119,295; May 31.
- Machine for generating tapered gears. W. E. Sykes. 2,114,690; Apr. 19.
- Machine for grinding and finishing cylinders. K. W. Connor. 2,138,535; Nov. 29.
- Machine for grinding and sharpening broaches. W. G. Baldenhofer. 2,113,287; Apr. 5.
- Machine for grinding clutch facings and the like. H. B. Eldridge and C. E. Klein. 2,122,978; July 5.
- Machine for grinding cylindrical and external surfaces. A. Bleasdale. 2,116,922; May 10.
- Machine for grinding drill bits. F. Dixon. 2,139,938; Dec. 13.
- Machine for grinding flutes. S. W. Bath and E. L. Ackley. 2,118,139; May 24.
- Machine for grinding laminated articles. E. D. Vancil. 2,118,369; May 24.
- Machine for grinding screw threads. H. Lindner. 2,116,031; May 3.
- Machine for handling sheet material. O. E. Wolff. 2,133,263; Oct. 11.
- Machine for handling strip material. J. Ettl. 2,125,336; Aug. 2.
- Machine for hats, Double pressure hydraulic. M. Schildhaus. 2,110,739; Mar. 8.
- Machine for honing conical surfaces. H. A. Ortegren. 2,105,753; Jan. 18.
- Machine for honing conical surfaces. T. Zimmerman. 2,105,762; Jan. 18.
- Machine for hulling nut meats from their shells. I. J. Fisher. 2,135,393; Nov. 1.
- Machine for increasing the flexibility of soles. F. R. Merritt. 2,139,765; Dec. 13.
- Machine for injection of plastics. A. A. Burry. 2,115,940; May 3.
- Machine for knitting ringless hosiery, Circular. G. M. Jones. 2,120,752; June 14.
- Machine for lacing shoe uppers. J. Fossa. 2,106,320; Jan. 25.
- Machine for lasting shoes. E. Brothers. 2,125,884; Aug. 9.
- Machine for laying cables, pipes, and the like. M. T. J. Garlinger. 2,118,553; May 24.
- Machine for laying concrete. W. P. Day. 2,123,089; July 19.
- Machine for loading wrappers or pouches. I. A. Hardy. 2,100,231; Feb. 22.
- Machine for making and applying plastic gaskets. G. Goebel. 2,113,111; Apr. 5.
- Machine for making blanks. C. Kaufman. 2,124,113; July 19.
- Machine for making bolts. W. L. Clouse. 2,130,930; Dec. 13.
- Machine for making bolts. J. H. Friedman. 2,104,944; Jan. 11.
- Machine for making bolts and the like. J. H. Friedman. 2,109,918; Mar. 1.
- Machine for making book binder elements. V. Catini. 2,129,605; Sept. 6.
- Machine for making book matches and the like. C. F. Wright. 2,141,581; Dec. 27.
- Machine for making box blanks. A. L. Rosenmund. 2,124,796; July 26.
- Machine for making box blanks. K. Sieg. 2,117,220; May 10.
- Machine for making cans. H. Sebell. 2,121,236; June 21.
- Machine for making cement blocks and the like. G. Robillard. 2,129,162; Sept. 6.
- Machine for making cigarettes. H. J. Barker. 2,134,353; Oct. 25.
- Machine for making decorative material. E. M. Ilsemann. 2,116,577; May 10.
- Machine for making fabrics. V. Chartener. 2,116,780; May 10.
- Machine for making fastener stringers. G. Sundback. 2,141,200; Dec. 27.
- Machine for making fiber reed. G. E. Nordstrom and E. J. Holden. 2,124,926; July 26.
- Machine for making filament supporting structures. A. Koenig. 2,135,288; Nov. 1.
- Machine for making filled confections. F. P. Kretschmer. 2,125,729; Aug. 2.
- Machine for making filling, closing, and wrapping bags. A. Rambold. Re. 20,851; Oct. 11.
- Machine for making frozen confections. W. J. Taylor. 2,124,387; July 19.
- Machine for making hollow glassware. T. C. Moorshead and E. P. Dorman. 2,107,011; Feb. 1.
- Machine for making laminated panels. G. H. Osgood. 2,137,505-6; Nov. 22.
- Machine for making manifold forms. G. L. Fulk. 2,114,293; Apr. 19.
- Machine for making multi-ply belting. J. A. Webb. 2,119,476; May 31.
- Machine for making pie rims. A. E. Clark and J. F. Kohler. 2,123,230; July 12.
- Machine for making plaster of Paris bandages. J. Weiss. 2,114,693; Apr. 19.
- Machine for making sanitary pads. O. E. Teall. 2,121,454; June 21.
- Machine for making spring mattresses and the like. P. Sappington. 2,126,979; Aug. 16.
- Machine for making tags. F. Magidson. 2,125,794; Aug. 2.
- Machine for making tufted work on fabrics. J. Mann. 2,116,176; May 3.
- Machine for making window envelopes. E. G. Overly. 2,126,804; Aug. 16.
- Machine for making wired box parts. A. L. Rosenmund. 2,125,461; Aug. 2.
- Machine for manufacturing ampullae from glass tubes, Automatic. J. Dichter. 2,110,327; Mar. 8.
- Machine for manufacturing bags. G. Orström. 2,110,939; Mar. 15.
- Machine for manufacturing bags. H. F. Waters. 2,125,758; Aug. 2.
- Machine for manufacturing sized sheets of flattened expanded metal. B. T. Ballard, W. M. McNeil, and R. H. Iurd. 2,121,470; June 21.
- Machine for manufacturing undercut sand mold. F. H. Le Jeune. 2,138,701; Nov. 29.
- Machine for measuring and marking sheets of material. P. A. van Kempen. 2,119,863; June 7.
- Machine for molding chocolate articles and the like. D. and L. D. Latinberg. 2,108,667; Feb. 15.
- Machine for molding pulp. R. D. Heymann. 2,115,772; May 3.
- Machine for napping or sueding textile fabrics. L. A. Runtun. 2,129,877; Sept. 13.
- Machine for operating on counters. C. C. Gibbs. 2,141,134; Dec. 20.
- Machine for operating on shoe parts. E. W. Stacey. 2,117,374; May 17.
- Machine for operating on shoes. F. C. Eastman. 2,111,617; Mar. 22.
- Machine for operating on shoes. L. E. Topham and C. L. Knott. 2,127,707; Aug. 23.
- Machine for operating upon shoe heels. C. G. Brostrom. 2,104,183; Jan. 4.
- Machine for operating upon soles. A. L. Porter. 2,128,318; Aug. 30.
- Machine for operating upon the bottoms of shoes. E. E. Winkley. 2,124,662; July 26.
- Machine for operating upon the heel portions of shoes. P. L. Brandt. 2,110,949; Mar. 15.
- Machine for packaging tooth brushes. E. F. Harmon. 2,135,751; Nov. 8.
- Machine for packing book matches. C. F. Wright. 2,108,280; Feb. 15.
- Machine for painting barrels. E. F. Hurd. 2,109,619; Mar. 1.
- Machine for popping popcorn and vending the same. L. K. Odyke. 2,131,088; Oct. 25.
- Machine for postmarking and like purposes. W. Ochaenhein. 2,107,618; Feb. 8.
- Machine for preparing food products. M. A. Franey. 2,114,020; Apr. 12.
- Machine for preparing tires for retreading. J. L. Kelly. 2,130,627; Sept. 20.
- Machine for preparing yarn packages. F. J. Albert. 2,135,485; Nov. 8.
- Machine for pressing the bottoms of shoes. A. Eppler and J. P. Frederickson. 2,104,739; Jan. 11.
- Machine for pressing the bottoms of shoes. F. V. Hart. 2,123,281; July 12.
- Machine for pressing the bottoms of shoes. E. L. Mooney. 2,106,277; Jan. 25.



- Machine for printing commercial paper instruments. E. Watson and H. R. Baker. 2,141,577; Dec. 27.
- Machine for printing directly on metal or glass and the like. F. Shurley. 2,108,597; Feb. 15.
- Machine for producing coated material. R. W. B. Reade. 2,128,190; Aug. 23.
- Machine for producing combined cross and covering seams. F. Ebert. 2,140,693; Dec. 20.
- Machine for producing form pieces from wet fibrous mass. B. F. E. Nylander. 2,132,270; Oct. 4.
- Machine for producing frozen confections. E. L. Elwell. 2,128,992; Sept. 6.
- Machine for producing gears. L. O. Carlsen. 2,114,627; Apr. 19.
- Machine for producing raised printing. R. Woodward. 2,109,205; Feb. 22.
- Machine for producing spaced groups of tufts on fabric. R. H. Bradwell. 2,104,634; Jan. 4.
- Machine for producing traffic lines in concrete. F. Creason. 2,125,254; July 26.
- Machine for producing wire strands. P. V. Hunter and H. Hill. 2,128,777; Aug. 30.
- Machine for refining paper stock. W. V. Knoll. 2,126,264; Aug. 9.
- Machine for rotating screws. A. J. Cocozella and A. Cocozella, Jr. 2,126,735; Aug. 16.
- Machine for roughening bricks. D. Whitehouse. 2,107,097; Feb. 1.
- Machine for sealing evacuated vessels. M. E. McGowan. 2,132,538; Oct. 11.
- Machine for securing fastener elements. C. Anderson, G. B. Baehr, G. M. Gay, and C. T. Manville. 2,125,707; Aug. 2.
- Machine for securing heads in cylindrical containers. A. H. Schmidtko. 2,106,020; Jan. 18.
- Machine for selecting and spooling yarns for Axminster looms. R. W. Homan. 2,126,634; Aug. 9.
- Machine for separating, counting, and delivering sheet material. O. E. Wolff. 2,132,451; Oct. 11.
- Machine for separating, counting, and delivering sheet material. O. E. Wolff. 2,133,259; Oct. 11.
- Machine for separating, counting, and delivering sheet material. O. E. Wolff. 2,133,262; Oct. 11.
- Machine for separating, counting, and delivering sheet material. O. E. Wolff. 2,133,264; Oct. 11.
- Machine for separating, counting, delivering, wrapping, and addressing sheet material. O. E. Wolff. 2,133,261; Oct. 11.
- Machine for separating shoes from lasts. E. A. Bessom. 2,139,658; Dec. 13.
- Machine for shaping helicoidal surfaces. E. W. Miller. 2,126,907; Aug. 16.
- Machine for shaping the ends of coiled wire springs. O. W. Soderstrom. 2,123,752; July 12.
- Machine for shaping uppers over lasts. F. Ricks and W. N. Bray. 2,133,402; Oct. 18.
- Machine for sharpening tools, Combination. J. T. Simmons and R. O. Gilliam. 2,110,637; Mar. 8.
- Machine for sizing, truing, and polishing bars and tubes. W. Siegerist. 2,132,976; Oct. 11.
- Machine for smoothing and combing skins and the like. A. Wilhelm. 2,106,991; Feb. 1.
- Machine for smoothing unset surface of cement flooring. F. P. Sloan. 2,109,933; Mar. 1.
- Machine for splitting soles. T. H. Seely. 2,118,824; May 31.
- Machine for spot-treating multiple fabric layers. A. White and N. Labovich. 2,118,718; May 24.
- Machine for spreading and finishing plastic pavements. A. W. French. 2,134,689; Nov. 1.
- Machine for spreading and surfacing road material. A. N. Nickerson. Re. 20,611; Jan. 4.
- Machine for stacking sheet material. O. E. Wolff. 2,133,260; Oct. 11.
- Machine for stapling binding wire to box parts. A. L. Rosenmund. 2,127,832; Aug. 23.
- Machine for stenciling ware. W. M. Secoy. 2,116,467; May 3.
- Machine for stitching shoes. A. G. Mousset. 2,132,797; Oct. 11.
- Machine for strapping packages with metal strips, Automatic. W. E. Williams. 2,136,225; Nov. 8.
- Machine for tempering springs. C. R. Simmons. 2,116,327; May 3.
- Machine for testing golf balls and the like. W. W. Cranford and G. I. Butler. 2,124,731; July 26.
- Machine for testing lubricants. H. J. Anderson. 2,132,347; Oct. 4.
- Machine for the continuous printing of negative films on a plurality of positives at the same time. M. A. Dalotel. 2,139,806; Dec. 13.
- Machine for the electric welding of tubes. D. Sciaky. 2,136,059; Nov. 8.
- Machine for the introduction of moisture to wheat or the like. G. V. Feese. 2,120,437; June 14.
- Machine for the manufacture of biscuits. M. E. Girodin. 2,106,633; Jan. 25.
- Machine for the manufacture of blown glass articles of great capacity. E. Rolant. 2,134,342; Oct. 25.
- Machine for the manufacture of cartons and the like. W. J. Butler. 2,105,582; Jan. 18.
- Machine for topping sugar beets in the ground. W. M. Catchpole. 2,139,802; Dec. 13.
- Machine for treating concrete mix and laying and surfacing the same. A. W. French. 2,136,917; Nov. 15.
- Machine for treating filled containers. N. P. Bach. 2,128,227; Aug. 30.
- Machine for treating heel seats of shoes. E. F. Small. 2,108,273; Feb. 15.
- Machine for treating resilient material. K. Göbel. 2,107,607; Feb. 8.
- Machine for trimming and/or beveling the edges of metal plates. W. R. Hume. 2,140,384; Dec. 13.
- Machine for trimming electrolyte or stereotype plates. I. T. Nelson and R. Jack. 2,117,007; May 10.
- Machine for uniting loose leaves and binder elements. V. Catini. 2,129,604; Sept. 6.
- Machine for unloading bottles from crates. C. Stecher. 2,119,725; June 7.
- Machine for use in applying pressure to shoe bottoms. J. T. Lancaster. 2,125,930; Aug. 9.
- Machine for use in manufacturing boiler shells. C. B. Langstroth. 2,117,435; May 17.
- Machine for use in manufacturing boots and shoes. W. D. Thomas and C. A. Robinson. 2,123,292; July 12.
- Machine for use in the manufacture of shoes. E. J. Ray. 2,115,978; May 3.
- Machine for use in the manufacture of woven material. E. A. Bessom and C. H. Pepin. 2,106,267; Jan. 25.
- Machine for use in the preparation of paper stock. A. J. Haug. 2,133,449; Oct. 18.
- Machine for vulcanizing endless belting. H. M. Bierer. 2,110,076; Mar. 1.
- Machine for washing clothes, Hand. P. Quirico. 2,120,921; June 14.
- Machine for winding armature colls. J. F. Cullin. 2,114,287; Apr. 19.
- Machine for winding yarn and the like. C. Marsden. 2,128,787; Aug. 30.
- Machine for winding yarn and the like. C. Marsden. 2,136,515; Nov. 15.
- Machine for winding yarns or threads or the like on to paper tubes or cones or other bodies. H. Holt and E. Brierley. 2,121,352; June 21.
- Machine for wrapping bars of butter or the like. E. F. Ness. 2,108,546; Feb. 15.
- Machine, Inductor dynamo electric. F. W. Merrill. 2,120,109; June 7.
- Machine to bend or twist connecting rods. E. A. Arp. 2,134,773; Nov. 1.
- Machine tool. L. C. Cole. 2,139,402-3; Dec. 6.
- Machine tool. M. S. Curtis. 2,118,020-3; May 17.
- Machine tool. H. I. Dyer and O. J. W. Hedlund. 2,110,931; Mar. 15.
- Machine tool. W. J. F. Forward. 2,106,836; Feb. 1.
- Machine tool. W. J. F. Forward. 2,109,960; Mar. 1.
- Machine tool. B. Granberg and F. R. Swanson. 2,123,530; July 12.
- Machine tool. B. P. Graves and A. F. Bennett. 2,124,852; July 26.
- Machine tool. J. Grundstein. 2,104,299; Jan. 4.
- Machine tool. A. M. Johnson. 2,106,217; Jan. 25.
- Machine tool. J. R. Johnson. 2,113,554; Apr. 5.
- Machine tool. J. R. Johnson and R. L. Cotta. 2,108,821; Feb. 22.
- Machine tool. M. E. Lange and N. P. Darash. 2,128,950; Sept. 6.
- Machine tool. M. E. Lange and J. J. N. Van Hamersveld. 2,129,280; Sept. 6.
- Machine tool. A. H. Lyon. 2,108,823; Feb. 22.
- Machine tool. G. K. McKee and C. E. Bernitt. 2,125,641; Aug. 2.
- Machine tool. W. F. Ocenasek. 2,116,122; May 3.
- Machine tool. F. A. Parsons and W. M. Pohl. 2,118,357-8; May 24.
- Machine tool. W. W. Potter and M. S. Curtis. 2,118,024; May 17.
- Machine tool. M. Romaine and W. D. Archea. 2,115,236; Apr. 26.
- Machine tool. R. A. Schafer. 2,108,297; Feb. 15.
- Machine tool. F. Turrettini. 2,111,681; Mar. 22.
- Machine tool. G. C. Worrell. 2,119,568; June 7.
- Machine tool holder. W. I. Senger. 2,119,029; May 31.
- Machine tool, Multiple. R. A. Schafer, C. H. Muhl, E. E. Opel, and J. B. Beissman. 2,108,779; Feb. 15.
- Machine tool, Reciprocating. E. W. Taylor. 2,120,300; June 14.
- Machine tools, Metal cutting and like. C. G. Garrard. 2,130,341; Sept. 20.
- Machine used in construction twin heddle. I. Andrews and H. O. Coddington. 2,134,692; Nov. 1.
- Machinery, Cleaning textile. E. J. Eaddy. 2,140,420; Dec. 13.
- Machinery, Mechanism for soldering. G. M. Ambrosius. 2,126,598; Aug. 9.
- Machines, Construction of. M. Smith. 2,120,194; June 7.
- Magazine, Camera. E. C. Weiblen and I. W. Doyle. 2,131,926; Oct. 4.
- Magazine charging stick, Buckle. I. Chabon. 2,114,795; Apr. 19.
- Magazine control, Dual. M. T. Goetz. 2,136,048; Nov. 8.
- Magazine for machine gun pistols. H. J. Kobe. 2,130,722; Sept. 20.
- Magazine for magazine razors. O. V. Rodrigues. 2,111,739; Mar. 22.
- Magazine for razor blades. O. V. Rodrigues. 2,109,017; Feb. 22.
- Magazine, Motion-picture film. J. Pearlman and A. Kindelmann. 2,118,896; May 31.



- Magazine, Two-color rocking. R. G. Turner. 2,128,974; Sept. 6.
- Magazines of typographical composing machines, Changing the. R. H. Scott. 2,117,576; May 17.
- Magnesium alloy. E. F. Fischer. 2,127,253-4; Aug. 16.
- Magnesium alloy. J. A. Gann. 2,124,552; July 26.
- Magnesium alloy. J. A. Gann. 2,124,563; July 26.
- Magnesium alloy. J. L. Houghton and W. E. Prytherch. 2,126,010; Aug. 9.
- Magnesium and alloys rich in magnesium, Melting and casting. L. Lasch and G. Schichtel. 2,126,786; Aug. 16.
- Magnesium and its alloys, Treatment of. C. E. Nelson and H. De Long. 2,138,794; Nov. 29.
- Magnesium and light metal alloys containing magnesium, Remelting and refining. A. Beck. 2,107,282; Feb. 8.
- Magnesium and magnesium alloys, Refinement of. A. Luschenowsky. 2,106,221; Jan. 25.
- Magnesium base alloy. W. O. Binder. 2,124,537; July 26.
- Magnesium base alloy. J. A. Gann. 2,124,553-62; July 26.
- Magnesium base alloy. J. D. Hanawalt and C. E. Nelson. 2,124,571-7; July 26.
- Magnesium-boron alloy. A. G. de Golyer. 2,129,348; Sept. 6.
- Magnesium carbonate, Production of anhydrous. R. Schulze. 2,131,524; Sept. 27.
- Magnesium carbonate and process of manufacture. H. H. Chesny. 2,139,934; Dec. 13.
- Magnesium carbonate composition and preparation, Dolomitic. B. B. Grunwald. 2,131,374; Sept. 27.
- Magnesium hydroxide, Manufacturing. M. G. Mastin. 2,124,002; July 19.
- Magnesium or alloys thereof, Production of. D. Gardner. 2,132,408; Oct. 11.
- Magnesium oxide from dolomitic rock, Obtaining. W. H. MacIntire. 2,118,353; May 24.
- Magnesium, Producing. C. E. Nelson and J. S. Peake. 2,122,435; July 5.
- Magnesium, Production of. K. Erdmann. 2,134,969; Nov. 1.
- Magnesium, Production of metallic. K. Ebner. 2,111,661; Mar. 22.
- Magnesium, Production of metallic. K. Erdmann. 2,123,990; July 19.
- Magnesium, Production of metallic. F. Hansgirk. 2,109,841; Mar. 1.
- Magnesium, Purifying. G. Schichtel. 2,124,957; July 26.
- Magnesium, Refining. A. Beck. 2,105,342; Jan. 11.
- Magnet holding device, Releaseable permanent. M. Baermann, Jr. 2,117,132; May 10.
- Magnet, Lifting. H. E. Hodgson. 2,140,700; Dec. 20.
- Magnet, Nickel, titanium, cobalt, iron, and copper permanent. K. Honda. 2,105,654; Jan. 18.
- Magnet, Nickel, titanium, cobalt, iron, and manganese permanent. K. Honda. 2,105,656; Jan. 18.
- Magnet, Permanent. K. Honda. 2,105,658; Jan. 18.
- Magnet, Resilient induction. M. V. Green. 2,119,811; June 7.
- Magnet structure. L. B. Cornwell. 2,141,595; Dec. 27.
- Magnetic alloy. Y. Matsuyama, S. Kuno, and S. Nasu. 2,116,401; May 3.
- Magnetic coil structure. N. Dinion. 2,125,431; Aug. 2.
- Magnetic control device. E. W. Boehne. 2,130,872; Sept. 20.
- Magnetic core. A. F. Bandur. 2,105,070; Jan. 11.
- Magnetic detector. S. C. Hoare. 2,123,045; July 5.
- Magnetic device. E. M. Boardman. 2,108,642; Feb. 15.
- Magnetic inspection. A. V. de Forest. 2,136,375; Nov. 15.
- Magnetic loom. P. B. Wilson. 2,135,373; Nov. 1.
- Magnetic material. C. C. Neighbors. 2,105,092; Jan. 11.
- Magnetic material, Heat treating. T. D. Jensen and S. L. Burgwin. 2,140,374; Dec. 13.
- Magnetic material, Separating. R. S. Dean and C. W. Davis. 2,132,404; Oct. 11.
- Magnetic motor. G. C. Armstrong. 2,111,551; Mar. 22.
- Magnetic polarity, Determining. E. D. Lynton and H. N. Herrick. 2,104,752; Jan. 11.
- Magnetic properties of metal shapes of commercial sizes and apparatus therefor, Measuring the. D. T. Gundersen. 2,138,965; Dec. 6.
- Magnetic separator. W. Rose. 2,139,468; Dec. 6.
- Magnetic sine table. O. E. Robbins. 2,111,209; Mar. 15.
- Magnetic structure for dynamo-electric machines. T. G. Myers. 2,134,795; Nov. 1.
- Magnetic system. G. Holst and G. B. Jonas. 2,110,153; Mar. 8.
- Magnetic tester. P. Melchior. 2,137,177; Nov. 15.
- Magnetic testing device. E. Frohse. 2,130,882; Sept. 20.
- Magnetic track brake. J. C. McCune. 2,106,480; Jan. 25.
- Magnetic track brake. J. C. McCune. 2,140,643; Dec. 20.
- Magnetic unit. H. R. Warnke. 2,115,795; May 3.
- Magnetizer. G. Fredrickson. 2,125,628; Aug. 2.
- Magneto. J. Bernard. 2,119,092; May 31.
- Magneto. H. Bischoff. 2,116,354; May 31.
- Magneto. W. F. Borgard, W. O. Bechman, and K. A. Harmon. 2,110,321; Mar. 8.
- Magneto. K. A. Harmon. 2,137,875; Nov. 22.
- Magneto assembly. P. B. Mack. 2,129,953; Sept. 13.
- Magneto, Double. E. Klatber. 2,116,353; May 3.
- Magneto generator. I. W. Cox. 2,133,686; Oct. 18.
- Magnetogenerator. H. C. Pye. 2,135,843; Nov. 8.
- Magnetogenerator. L. H. Scott. 2,129,633; Sept. 6.
- Magneto generator. W. J. Spengler. 2,104,140; Jan. 4.
- Magneto generator. W. J. Spengler. 2,138,681; Nov. 29.
- Magneto generator. T. Tognola. 2,112,214; Mar. 22.
- Magnetogenerator for internal combustion engines. G. D. Cerf. 2,130,316; Sept. 13.
- Magneto, Ignition. U. Quintavalle. 2,108,924; Feb. 22.
- Magneto rotor. H. G. Cox. 2,133,082-3; Oct. 11.
- Magnetron. W. Espe. 2,114,339; Apr. 19.
- Magnetron. K. Fritz. 2,111,263; Mar. 15.
- Magnetron. K. Fritz. 2,136,101; Nov. 8.
- Magnetron. K. Fritz and R. von Radinger. 2,115,521; Apr. 26.
- Magnetron. H. E. Hollmann. 2,123,728; July 12.
- Magnetron. H. E. Hollmann. 2,130,132; Sept. 13.
- Magnetron generator. K. Fritz. 2,130,002; Sept. 13.
- Magnetron modulation system. A. W. Ladner. 2,125,507; Aug. 2.
- Magnetron modulation system. M. Ponte and L. M. Elie. 2,135,199; Nov. 1.
- Magnetron modulator. E. G. Linder. 2,110,449; Mar. 8.
- Magnets. Making cast permanent. H. A. Howell. 2,121,799; June 28.
- Magnets, Manufacturing permanent. A. Büchner, H. Neumann, and H. Reinboth. 2,124,607; July 26.
- Magnets of mixed commutated alloys, Composite permanent. W. Zumbusch. 2,118,285; May 24.
- Magnifying and illuminating device. C. Jones. 2,104,198; Jan. 4.
- Magnifying device. A. B. Ridabock. 2,122,753; July 5.
- Mail box. H. B. Carter. 2,114,211; Apr. 12.
- Mail box mounting. M. Mathews. 2,138,977; Dec. 6.
- Mail box, Signaling. J. R. Honegger. 2,132,111; Oct. 4.
- Mail carrier. G. Spencer. 2,108,453; Feb. 15.
- Mail exchange, Aerial. R. I. Kelton. 2,141,536; Dec. 27.
- Mail sorter. F. L. Fuller. 2,115,805; May 3.
- Mail treating machine. C. D. Ryan. 2,106,191; Jan. 25.
- Mailing container. E. G. Overly. 2,104,352; Jan. 4.
- Mailing device. S. J. Biensstock. 2,117,539; May 17.
- Mailing device. G. P. Lee. 2,138,250; Nov. 29.
- Maize header. W. Curry. 2,139,883; Dec. 13.
- Make-up box. S. Lieberman. 2,117,097; May 10.
- Make-up gauge. H. R. Trotter. 2,114,946; Apr. 19.
- Malates and making the same, Aromatic mercury. C. N. Andersen. 2,139,711; Dec. 13.
- Maleic anhydride, Purification of. E. B. Punnett. 2,134,531; Oct. 25.
- Maleic anhydride, Purification of. J. H. Crowell. 2,129,166; Sept. 6.
- Maleic anhydride, Recovery of. E. B. Punnett. 2,140,140; Dec. 13.
- Mallet, Polo. H. H. Howard. 2,140,383; Dec. 13.
- Malonic esters, Manufacture of substituted. J. D. Kendall. 2,112,162; Mar. 22.
- Malt adjunct from corn, Manufacture and use of. W. R. Fetzner. 2,107,529; Feb. 8.
- Malt, Manufacturing. R. L. Lindsey. 2,137,141; Nov. 15.
- Mandrel-bar cap. W. T. Wehman. 2,128,032; Aug. 23.
- Mandrel, Extensible and collapsible. W. A. Porter. 2,114,785; Apr. 19.
- Manganese alloy. A. G. de Golyer. 2,129,347; Sept. 6.
- Manganese dioxide, Manufacture of. A. P. Bellone. 2,122,735; July 5.
- Mangle, Direct fired steam. T. J. Sullivan. 2,131,336; Sept. 27.
- Manhole cover. J. R. Maclear. 2,114,499; Apr. 19.
- Manifold. H. F. Smith. 2,135,628; Nov. 8.
- Manifold, Charge forming. A. H. Hoops. 2,112,568; Mar. 29.
- Manifold construction. D. E. Anderson. 2,104,178; Jan. 4.
- Manifold, Exhaust. J. G. Williams. 2,125,703; Aug. 2.
- Manifold for internal combustion engines, Inlet. J. A. H. Barkel. 2,127,079; Aug. 16.
- Manifold, Intake. E. Ginn. 2,137,802; Nov. 29.
- Manifold system for internal combustion engines, Exhaust. W. E. Brill. 2,126,009; Aug. 9.
- Manifolding. C. W. Brown. 2,106,165; Jan. 25.
- Manifolding. A. A. Johnson. 2,136,343; Nov. 8.
- Manifolding assembly. A. H. Phillips and W. Allen Jr. 2,118,655; Mar. 24.
- Manifolding assembly. H. Stevens. 2,130,169; June 7.
- Manifolding assembly. Unitary. H. Stevens. 2,130,161; June 7.
- Manifolding attachment. J. Q. Sherman and A. W. Metzner. 2,116,545; May 10.
- Manifolding attachment for typewriters. M. S. Roasevelt and G. L. Bezdol. 2,111,805; Mar. 22.
- Manifolding device. J. S. Fleming. 2,110,594; Mar. 8.
- Manifolding device. M. W. Shoemaker. 2,130,909; Sept. 20.
- Manifolding device. J. A. B. Smith. 2,104,953; Jan. 11.
- Manifolding device. H. Stevens. 2,130,169; June 7.
- Manifolding machine. W. C. Pfaffler. 2,129,636; June 14.
- Manifolding machine. W. Ritzgerfeld. 2,107,533; June 7.
- Manifolding machine. C. F. Schmid. 2,112,541; Mar. 29.
- Manifolding machine. H. J. Waschter. 2,140,065; Dec. 13.
- Manifolding material. Nontransfer. J. Q. Sherman and W. A. Yackley. 2,135,538; Nov. 8.



- Manifolding mechanism for typewriters. J. W. Fader. 2,141,064; Dec. 20.
- Manifolding ribbon support. G. M. Sacerdote. 2,128,267; Aug. 30.
- Manifolding strip supplies, Continuous. W. J. Wiswall. 2,108,462; Feb. 15.
- Manikin and making the same. L. R. Hales. 2,129,421; Sept. 6.
- Manikin, Articulated posture. F. H. Ewerhardt. 2,136,207; Nov. 8.
- Mannequin. V. M. Rice. 2,108,927; Feb. 22.
- Mannikin with eyes and lashes. S. Marcus. 2,111,150; Mar. 15.
- Manometer. A. F. Meyer. 2,105,000; Jan. 11.
- Mantle supporting means. C. W. Davis. 2,128,638; Aug. 30.
- Manually actuated vehicle. H. S. Bevier. 2,114,648; Apr. 19.
- Manually propelled inertia vehicle. C. S. Alexander. 2,141,233; Dec. 27.
- Manuscript holder. M. Oppenheimer. 2,140,090; Dec. 13.
- Map, Altitude. R. J. Cheesman. 2,138,024; Nov. 29.
- Map and card holder, Revolving road. B. Baker. 2,120,726; June 14.
- Map, Automobile. J. P. Truesdale. 2,106,989; Feb. 1.
- Map, Relief. L. A. Whittier. 2,127,546; Aug. 23.
- Map, Star. C. M. Houston. 2,135,287; Nov. 1.
- Map, time-table and the like. C. Bonnaire. 2,118,964; May 31.
- Maps, Apparatus for storing and displaying. M. D. McCauley. 2,110,771; Mar. 8.
- Maps from photographs taken from the air, Construction of. H. G. Fourcade. 2,125,553; Aug. 2.
- Marble game. F. H. King. 2,128,486; Aug. 30.
- Marble sheet and forming same, Synthetic. C. Batcheller. 2,140,197; Dec. 13.
- Marble shooter. E. A. Boerger. 2,129,461; Sept. 6.
- Margarine. F. J. Cahn and B. R. Harris. 2,111,042; Mar. 15.
- Marine carrier. C. J. Baer. 2,134,352; Oct. 25.
- Marine electric motor. J. T. Gondek. 2,116,146; May 3.
- Marine gearset and reduction gear, Combined. F. E. Pettit, Jr. 2,106,958; Feb. 1.
- Marine propulsion unit. H. W. Miller. 2,135,907; Nov. 8.
- Marine signal. J. B. Decker. 2,120,736; June 14.
- Marine steering gear motor. T. McLeod. 2,108,498; Feb. 15.
- Marionette figure. B. E. Alstadt and S. R. Factor. 2,131,209; Sept. 27.
- Marionette for narrow ware looms. F. W. Preston. 2,134,201; Oct. 25.
- Marker. J. W. Movius. 2,114,083; Apr. 12.
- Marker. V. N. Pass. 2,134,799; Nov. 1.
- Marker, Animal. H. S. Christensen and D. D. Draper. 2,125,768; Aug. 2.
- Marker, Book. M. Haessler. 2,116,147; May 3.
- Marker, Book. J. J. Spandorfer. 2,136,326; Nov. 8.
- Marker, Can. J. Albertoll. 2,111,039; Mar. 15.
- Marker, Field. L. H. Adamson. 2,127,852; Aug. 23.
- Marker for pavements or the like, Traffic. C. Older. 2,127,233; Aug. 16.
- Marker for traffic lanes, Safety. E. B. Miller. 2,141,067; Dec. 20.
- Marker, Game. J. Emanuel. 2,126,373; Aug. 9.
- Marker, Garment. R. Hoffman. 2,137,244; Nov. 22.
- Marker, Golf ball position. W. Howard. 2,107,944; Feb. 8.
- Marker, Grave. Z. F. Anderson. 2,120,082; June 7.
- Marker, Grave. S. H. Updike. 2,125,699; Aug. 2.
- Marker, Highway. O. Ernst. 2,108,370; Feb. 15.
- Marker, Lane. L. M. Prince, Jr. 2,117,982; May 17.
- Marker, Night road. J. J. Joyce. 2,109,011; Feb. 22.
- Marker, Outdoor weatherproof. D. E. Haslam. 2,127,170; Aug. 16.
- Marker, Road. W. J. La Croix. 2,127,037; Aug. 16.
- Marker, Rug. S. C. Simonski. 2,104,910; Jan. 11.
- Marking and display device. N. Snelling. 2,138,361; Nov. 29.
- Marking apparatus. S. Kauffman and G. G. Doss. 2,130,188; Sept. 13.
- Marking device. H. Platt. 2,107,424; Feb. 8.
- Marking device. L. G. Weymouth. 2,113,867; Apr. 12.
- Marking device for orienting whipstocks. E. O. Tolson. 2,131,849; Oct. 4.
- Marking implement. S. D. Barlow and P. Sussman. 2,106,046; Jan. 18.
- Marking machine. A. H. Avery. 2,132,981; Oct. 11.
- Marking machine. C. G. Brostrom. 2,111,612; Mar. 22.
- Marking machine. R. A. Crosby. 2,111,556; Mar. 22.
- Marking machine. O. W. Fromm. 2,108,850; Feb. 22.
- Marking machine. J. B. Hadaway and R. N. Sandberg. 2,112,891; Apr. 5.
- Marking machine. W. S. Petty. 2,136,461; Nov. 15.
- Marking machine. R. B. Woodcock and S. W. Potter. 2,125,975; Aug. 9.
- Marking material. L. Aronberg. 2,141,965; Dec. 27.
- Marking tool, Plaster design. E. G. Meuwesen. 2,127,130; Aug. 16.
- Marking tube. F. A. Sturm and G. J. Petricek. 2,129,186; Sept. 6.
- Markings, Transferring. H. L. Wampner. 2,135,446; Nov. 1.
- Marquee. W. G. Preddey. 2,114,639; Apr. 19.
- Mash, Fermentation. J. Müller. 2,123,078; July 5.
- Mask. B. Sabaneeff. 2,127,620; Aug. 23.
- Mask, Facial. W. G. Thurber. 2,109,018; Feb. 22.
- Mask, Gas. T. A. O'Leary. 2,132,433; Oct. 11.
- Masks, Manufacture of. G. F. A. Cesar. 2,127,054; Aug. 16.
- Masonry joint, Weatherproof. F. P. White. 2,108,358; Feb. 15.
- Mass for dental repair parts, Basic. F. Schönbeck and H. Schröder. 2,135,915; Nov. 8.
- Mass or metal article with other metal, Impregnating a metallic. F. Leverick. 2,116,271; May 3.
- Masses from vinyl esters, Production of artificial. H. Hopff, P. Garbsch, and F. Teller. 2,108,857; Feb. 22.
- Masses, Manufacture of plastic. N. Bennett. 2,136,270; Nov. 8.
- Massage and shampoo device. A. Fehrenbach. 2,116,864; May 10.
- Massage appliance, Vacuo-thermal. G. A. Seward. 2,120,872; June 14.
- Massage device. J. N. Landau. 2,134,133; Oct. 25.
- Massage device. B. B. Lipsner. 2,104,429; Jan. 4.
- Massage device for tooth brushes. G. W. Benz. 2,141,969; Dec. 27.
- Massager, Double pressure interdental wedge gum. J. W. Vogan. 2,112,184; Mar. 22.
- Massager, Vibratory. O. T. Buffalo. 2,122,556; July 5.
- Massaging apparatus. H. C. Barbour. 2,128,790; Aug. 30.
- Massaging apparatus. E. H. Hyter. 2,112,367; Mar. 29.
- Massaging apparatus, Vacuum. N. Kutz. 2,127,872; Aug. 23.
- Masseuite, Apparatus for mixing and conditioning. E. Roberts. 2,128,873; Aug. 30.
- Mast. E. J. W. Ragsdale and C. B. Conwell. 2,122,380; June 28.
- Masticating mill. H. R. Jones. 2,135,754; Nov. 8.
- Mat, Aproned absorbent bath. E. M. Fischer. 2,140,902; Dec. 20.
- Mat, Bumper. J. H. King and R. R. Wotring. 2,129,941; Sept. 13.
- Mat for cooking appliances, Protective. B. Nickle. Re. 20,924; Nov. 22.
- Mat for mounting tile and the like. C. D. Holcomb. 2,114,710; Apr. 19.
- Mat or the like, Golf practice. M. G. Rosengarten. 2,124,123; July 19.
- Mat, Replaceable molded rubber. W. G. I. Smith. 2,122,240; June 28.
- Mat, Resilient safety. W. J. Lutey. 2,139,025; Dec. 6.
- Mat, sign, or the like, Decorative. A. Holt. 2,130,183; Sept. 13.
- Mats, Apparatus for forming automobile floor. H. M. Flint and C. Schermerhorn. 2,134,754; Nov. 1.
- Mats, Apparatus for making glass fiber. A. L. Forster. 2,135,072; Nov. 1.
- Match book. E. D. Edwards. 2,118,726; May 24.
- Match book. T. J. McKinnon, Jr. 2,104,621; Jan. 4.
- Match book. F. J. Redcliffe. 2,129,102; Sept. 6.
- Match book case. G. M. Lee. 2,105,425; Jan. 11.
- Match book machine. E. J. Bell. 2,137,072; Nov. 15.
- Match book, Safety. W. C. Thomas. 2,133,909; Oct. 18.
- Match books, Manufacture of. E. Bravi. 2,117,281; May 17.
- Match-books, Producing. J. Peyser. 2,112,862; Apr. 5.
- Match box. T. H. Johnson. 2,138,819; Dec. 6.
- Match display and holder. M. A. Bell. 2,136,989; Nov. 15.
- Match folder, Safety. W. Wallace. 2,121,136; June 21.
- Match lighting device. J. Szathmary. 2,131,678; Sept. 27.
- Match package. A. B. Linker. 2,140,241; Dec. 13.
- Match package, Safety. J. F. Romano. 2,115,540; Apr. 26.
- Match packet. M. Greenman. 2,130,273; Sept. 13.
- Match packet. R. S. Pullen. 2,139,036; Dec. 6.
- Match packet, Pull. P. W. Dietmann. 2,124,815; July 26.
- Match packet, Safety. O. P. Pindell. 2,105,842; Jan. 18.
- Match, Safety book. H. R. Howland. 2,126,015; Aug. 9.
- Match, Safety book. H. R. Howland. 2,136,051; Nov. 8.
- Match splint forming machine. R. F. and O. Onsrud. 2,117,446; May 17.
- Match-strip feeding mechanism for match booking machines. L. E. Parker. 2,123,487; July 12.
- Matches, Assembling book. J. E. Zomnir. 2,108,157; Feb. 15.
- Matching the impedance of a load to a source of power. W. Buschbeck. 2,107,408; Feb. 8.
- Material, Abrasive. P. M. Paulson. 2,111,272; Mar. 15.
- Material, Acoustical. G. Slayter. 2,114,546; Apr. 19.
- Material agitating means. E. S. Bissell. 2,137,328; Nov. 22.
- Material, Agricultural spray. P. L. Magill. 2,111,050; Mar. 15.
- Material and articles made therefrom, Sheet. H. F. Waters. 2,109,558; Mar. 1.
- Material and composition of matter for producing same, Transparent. T. G. Finzel and D. E. Drew. 2,108,810; Feb. 22.
- Material and forming same, Friction. J. N. Longley. 2,108,988; Feb. 22.
- Material and garments therefrom for bathing and swimming, Manufacture or production of. G. W. Billing. 2,135,027; Nov. 1.



- Material and making same, Artificial textile. W. Whitehead. 2,108,836; Feb. 22.
- Material and making same, Coated fibrous sheet and web. E. Gebauer-Fuelnegg and E. W. Moffett. 2,129,370; Sept. 6.
- Material and making same, Coated fibrous sheet and web. E. Gebauer-Fuelnegg and E. W. Moffett. 2,140,835; Dec. 20.
- Material and making same, Construction. G. A. Hoggatt. 2,110,728; Mar. 8.
- Material and making same, Decorative. F. G. Mayer. 2,113,158; Apr. 5.
- Material and making same, Elastic. S. W. Alderfer. 2,107,067; Feb. 1.
- Material and making same, Moistureproof. T. G. Finzel and D. E. Drew. 2,108,804; Feb. 22.
- Material and making same, Porous. L. P. G. Vautier and C. Carnot. 2,116,611; May 10.
- Material and making same, Refractory. C. A. Laise. 2,120,562; June 14.
- Material and making the same, Bituminous paving. S. S. Sadtler and W. H. Field. 2,110,892; Mar. 15.
- Material and making the same, Ceramic dielectric. W. Dubilier and J. Oppenheimer. 2,128,289; Aug. 30.
- Material and making the same, Moistureproof. T. G. Finzel and D. E. Drew. Re. 20,847; Sept. 6.
- Material and making the same, Roofing. F. W. Price. 2,118,898; May 31.
- Material and making the same, Waterproof. T. G. Finzel and D. E. Drew. 2,108,809; Feb. 22.
- Material and method of inhibiting its normal flocculation or cohesion, Free-mixing finely divided. A. H. Fiske. 2,131,431; Sept. 27.
- Material and processes and compositions, Coated organic. J. L. Elliot. 2,116,065; May 3.
- Material and producing same, Catalytic. W. A. Schulze. 2,112,931; Apr. 5.
- Material and producing same, Friction. E. A. Wales. 2,134,744; Nov. 1.
- Material and producing same, Leather-like. J. J. Moriarty. 2,121,709; June 21.
- Material and producing the same, Asphaltic. W. H. Hampton, O. E. Cushman, and J. E. Fratis. 2,115,306; Apr. 26.
- Material and producing the same, Magnetic. A. A. Frey and F. Bitter. 2,112,084; Mar. 22.
- Material and producing the same, Marked. W. L. Morgan. 2,121,041; June 21.
- Material and product thereof, Treating textile. G. Schneider. 2,114,669; Apr. 19.
- Material and treating same, Covering. P. W. Codwise. 2,119,480; May 31.
- Material, Apparatus for abrading strand. C. T. Davis. 2,105,637; Jan. 18.
- Material, Apparatus for colling. A. B. Montgomery. 2,116,121; May 3.
- Material, Apparatus for distributing granular or pulverulent. J. S. Bennett. 2,133,798; Oct. 18.
- Material, Apparatus for drawing plastic. A. G. Rose. 2,120,790; June 14.
- Material, Apparatus for firing ceramic. P. Gatzke. 2,126,881; Aug. 16.
- Material, Apparatus for granulating friable. I. T. Thornton. 2,131,128; Sept. 27.
- Material, Apparatus for handling. J. F. Joy. 2,113,760; Apr. 12.
- Material, Apparatus for packetting small quantities of granular or pulverulent. W. and F. Sumner. 2,119,726; June 7.
- Material, Apparatus for producing sheet. W. Worthington. 2,118,284; May 24.
- Material, Apparatus for treating. B. M. Carter. 2,130,731; Sept. 20.
- Material, Apparatus for treating. W. Ralsch. 2,119,601; June 7.
- Material, Apparatus for treating animal. W. Steinmann. 2,118,421; May 24.
- Material, Apparatus for treating organic. J. R. Breuchaud. 2,126,168; Aug. 9.
- Material, Apparatus for winding. E. E. Franz. 2,108,664; Feb. 15.
- Material, Apparatus for winding. E. E. Franz. 2,123,238; July 12.
- Material, Building. J. L. Wettlaufer. 2,118,632; May 24.
- Material, Briquetting finely divided. J. H. Davis and J. C. Leaming. 2,127,994; Aug. 23.
- Material, Carbide. H. S. Cooper. 2,113,171; Apr. 5.
- Material, Caustic resistant. W. F. Waldeck. 2,111,342; Mar. 15.
- Material, Cellulose wrapping. H. A. Gardner and A. Kirkpatrick. 2,121,028; June 21.
- Material, Coating. H. F. Saunders and C. D. Downs. 2,117,366; May 17.
- Material, Cold reducing ferrous. J. M. Smith. 2,116,126; May 3.
- Material, Coloring and water proofing textile. R. Kern. 2,122,100; June 28.
- Material, Composite. F. Groff. 2,123,155; July 5.
- Material, Condenser dielectric. M. M. Safford. 2,100,030; Jan. 18.
- Material containing organic derivatives of cellulose, Textile. C. Dreyfus, H. Platt, and A. Lyem. 2,113,035; Apr. 12.
- Material containing organic esters of cellulose and preparing same, Textile. W. Whitehead. 2,108,837; Feb. 22.
- Material, Core binder. A. W. Goos. 2,124,515; July 19.
- Material, Covering. G. Knapp. 2,118,250; May 24.
- Material cutting and dicing machine. W. E. Urschel. 2,130,937; Sept. 20.
- Material, Cutting and forming sheet. H. E. Guerin. 2,133,445; Oct. 18.
- Material, Decorating sheet. M. M. Merritt. 2,125,457; Aug. 2.
- Material, Decorative. K. E. Prindle. 2,124,210; July 19.
- Material, Decorative. I. J. Wisoff. 2,112,723; Mar. 29.
- Material, Device for cleaning strand. E. G. Hill and W. A. Seem. 2,137,613; Nov. 22.
- Material dispensing device, Bulk. J. M. Seawell. 2,122,216; June 28.
- Material distributor and spreader. F. E. Arndt. 2,116,503-4; May 10.
- Material distributor or spreader. S. E. Baughman. 2,120,169; June 7.
- Material, Drying. H. G. Lykken and R. L. Sutherland. 2,125,882; Aug. 2.
- Material, Drying and incineration of combustible. G. E. Connolly. 2,116,058; May 3.
- Material, Electric resistance. J. J. A. P. van Amstel. 2,111,708; Mar. 22.
- Material employing pestproofing media and material so protected, Protecting. D. B. Faloon and R. M. Whitaker. 2,119,458; May 31.
- Material, Extracting hydrocarbon. D. Churchill, Jr. 2,116,188; May 3.
- Material, Fastening roofing or siding. W. Adams. 2,109,938; Mar. 1.
- Material feeding machine. J. E. Johnson. 2,128,252; Aug. 30.
- Material, Floor and wall covering. H. Strauch. 2,125,594; Aug. 2.
- Material, Flotation. M. W. MacAfee. 2,128,570; Aug. 30.
- Material for binding or securing boxes, bales, parcels, and other packages and manufacturing the same, Strapping. H. Brenneisen. 2,122,856; July 5.
- Material for combustion engines, Preparing a powdered carbonaceous. A. Pott. 2,114,456; Apr. 19.
- Material for initiating a welding arc. J. D. Crecca and S. S. Scott. 2,138,025; Nov. 29.
- Material for medicinal purposes ready for use, Method and apparatus for preserving sterile suture. E. Gelinsky. 2,128,701; Aug. 30.
- Material for producing can seals and the like, Sealing. A. L. Kronquest and S. C. Robinson. 2,119,280; May 31.
- Material for stuffing upholstery, Producing resilient fibrous. J. A. Talalay. 2,140,063; Dec. 13.
- Material for transfer processes. P. V. Brower. 2,138,836; Dec. 6.
- Material for use in making center spot crowns, Strip. J. B. Eisen. 2,118,595; May 24.
- Material, Formation and packaging of. S. F. Anderson. 2,121,065; June 21.
- Material, Friction. H. L. Bender. 2,114,121; Apr. 12.
- Material gathering and loading machine. R. H. Kraft. 2,113,733; Apr. 12.
- Material handling apparatus. R. E. Briggs. 2,128,345; Aug. 30.
- Material handling apparatus. C. S. Johnson. 2,128,778; Aug. 30.
- Material handling apparatus for machine operations. M. J. Clark. 2,120,960; June 21.
- Material handling device. G. B. Palmer. 2,110,737; Mar. 8.
- Material handling device. F. E. Robinson. 2,113,712; Apr. 12.
- Material handling device. O. A. Wirkkala. 2,135,994; Nov. 8.
- Material handling device, Sheet. L. T. Kelle. 2,113,055; Apr. 12.
- Material handling mechanism. J. F. Joy. 2,113,761; Apr. 12.
- Material handling mechanism. N. D. Levin. 2,115,640; Apr. 26.
- Material handling mechanism. N. D. Levin and E. G. Lewis. 2,115,641; Apr. 26.
- Material handling mechanism. K. A. Lindner. 2,114,351; Apr. 19.
- Material handling system. J. W. Toohy. 2,114,728; Apr. 19.
- Material having modified characteristics and making same, Artificial. W. Whitehead. 2,108,838; Feb. 22.
- Material, Heat treating powdered. C. I. Riley. 2,130,151; Sept. 13.
- Material impermeable to ultra-violet rays and production thereof. O. Gengross and A. Cello. 2,100,399; Jan. 25.
- Material, Impregnated. H. C. Barmester. 2,112,732; Mar. 29.
- Material impregnated with cellulose regenerated from viscose or other cellulose solutions, Apparatus for the production and manufacture of. A. H. Kliner. Re. 20,802; July 19.
- Material in dipping machines, Method and automatic device for handling fluent plastic. E. T. Ferngren. 2,136,186; Nov. 8.



- Material in rotary furnaces, Apparatus for electrically treating. Bo M. S. Kalling and N. A. V. Paulsson. 2,129,007; Sept. 6.
- Material, Insulating and waterproofing. A. C. Fischer. 2,123,696; July 12.
- Material, Laminated. C. V. Brady. 2,106,867; Feb. 1.
- Material, Laminated. G. Klinkenstein. 2,112,030; Mar. 22.
- Material, Luminescent. H. W. Leverenz. 2,110,161-2; Mar. 8.
- Material, Luminescent. H. W. Leverenz. 2,118,091; May 24.
- Material, Luminescent. A. H. McKeag and J. T. Randall. 2,113,090; Apr. 5.
- Material, Magnetic. P. P. Cioffi. 2,110,569; Mar. 8.
- Material, Making covering. A. B. Miller. Re. 20,694; Apr. 12.
- Material, Making granular. E. W. Rembert. 2,107,215; Feb. 1.
- Material, Making laminated. H. Schuhmann. 2,113,434; Apr. 5.
- Material, Making leather-rubber. D. E. Cable. 2,112,517; Mar. 29.
- Material, Making light-weight molded. A. A. Fowler and R. M. Otis. 2,117,605; May 17.
- Material, Making magnetic. C. Baase and O. Dahl. 2,114,183; Apr. 12.
- Material, Method and apparatus for feeding thermoplastic. F. L. O. Wadsworth. 2,124,092; July 19.
- Material, Method and apparatus for mixing finely divided. P. Goebels. 2,125,913; Aug. 9.
- Material, Method and apparatus for opening, carding, and cleaning fibrous. R. L. Brown. 2,136,839; Nov. 15.
- Material, Method of and apparatus for curling strand. R. F. Sedgley. Re. 20,774; June 28.
- Material, Method of and apparatus for folding sheet. M. M. Balsam and W. L. Lawson. 2,104,727; Jan. 11.
- Material, Method of and apparatus for separating composite. J. H. Dickerson. 2,128,918; Sept. 6.
- Material, Method of cutting. G. T. Balfe. 2,121,004; June 21.
- Material, Mixing a plastic. H. H. R. Straight. 2,109,077; Feb. 22.
- Material or lubricant, Rust or corrosion preventing. E. R. Styles. 2,137,147; Nov. 15.
- Material, Ornamental. C. C. Bolyard. 2,111,108; Mar. 15.
- Material, Ornamental. B. J. Cohon. 2,117,240; May 10.
- Material, Ornamental display. W. Venner. 2,121,374; June 21.
- Material, Ornamental rubber. J. Stein. 2,115,151; Apr. 26.
- Material, Packaging and dispensing transparent cellulose strip. K. R. Hines, Jr. 2,118,791; May 24.
- Material, Patching. D. J. Block. 2,116,008; May 3.
- Material, Plastic. W. C. Pierson. 2,126,344; Aug. 9.
- Material, Preparing a phosphorescent. H. Espig. 2,116,167; May 3.
- Material, Preparing laminated. G. R. Ensminger. 2,117,085; May 10.
- Material, Printing textile. G. E. Bennett. 2,112,132; Mar. 22.
- Material, Process and apparatus for condensation of sublimable. C. H. B. Jarl and S. Severin. 2,112,024; Mar. 22.
- Material, Process and apparatus for impregnating fibrous sheet. C. E. Linscott. 2,117,432; May 17.
- Material, Process and apparatus for producing a pulverulent building. A. Sommer. 2,125,860; Aug. 2.
- Material, Process and apparatus for treating lengths of. R. von Gruver-Rehenburg and R. Stöbe. 2,115,630; Apr. 26.
- Material, Processing photographic sensitized. R. H. Dräger. 2,128,921; Sept. 6.
- Material, Producing coated. R. W. B. Reade. 2,128,214; Aug. 23.
- Material, Producing layers of distended fibrous. G. C. Weathered. 2,105,711; Jan. 18.
- Material, Producing lightweight. E. Hüttemann and W. Czernin. 2,105,324; Jan. 11.
- Material reducing means. A. R. Harman. 2,109,419; Mar. 1.
- Material, Refractory. R. C. Benner and H. N. Baumann, Jr. 2,118,143; May 24.
- Material, Resilient yielding. A. A. McCormack. 2,122,378; June 28.
- Material, Resinous impregnating. K. M. Irey and L. M. Debing. 2,128,879; Aug. 30.
- Material resistant to moisture, Rendering a textile. H. G. Stone and C. J. Malm. 2,108,455; Feb. 15.
- Material, Rolling flat. S. Badlam. 2,139,483; Dec. 6.
- Material sensitive to overheating, Drying. J. M. and R. V. Pehrson. 2,117,822; May 17.
- Material, Separating granular. J. S. Robertson. 2,125,812; Aug. 2.
- Material separator. R. D. Nichols. 2,132,755; Oct. 11.
- Material, Sponged sheet. A. C. Fischer. 2,111,113; Mar. 15.
- Material, Spray. J. Monteith, Jr. 2,113,625; Apr. 12.
- Material suitable for the vapor phase hydration of olefines, Manufacture of catalytic. W. P. Joshua, H. M. Stanley, and J. B. Drmoek. 2,110,881; Mar. 15.
- Material, Surfacing felted fibrous. T. A. Pascoe and R. P. Hella. 2,124,330; July 19.
- Material, Surfacing roofing. C. T. Limerick. 2,111,565; Mar. 22.
- Material testing machine. R. R. Moore. 2,114,854; Apr. 19.
- Material, Textile finishing. E. W. Wall. 2,126,936; Aug. 16.
- Material to elastic strands for elastic fabrics, Securing covering. S. C. Lilley. 2,112,294; Mar. 29.
- Material to globular articles, Apparatus for applying liquid. W. M. Hampton. 2,128,028; Aug. 23.
- Material, Transferring loose bulk. L. F. Holly. 2,116,603; May 10.
- Material, Transparent coated sheet. E. Gebauer-Fuehnegg, E. W. Moffett, and E. M. Kratz. 2,136,544; Nov. 15.
- Material, Transparent coated sheet. E. M. Kratz, E. W. Moffett, and E. Gebauer-Fuehnegg. 2,128,652; Aug. 30.
- Material, Transporting. J. E. Kennedy and A. Hesse. 2,115,023; Apr. 26.
- Material transporting means. F. Ditchfield. 2,126,950; Aug. 16.
- Material treating and handling apparatus. J. D. Ferry. 2,119,909; June 7.
- Material, Treating biologic. S. C. Allen. 2,134,679; Nov. 1.
- Material, Treating carbonaceous. R. S. Walker. 2,113,522; Apr. 5.
- Material, Waterproofing sheet. J. W. Pearl. 2,117,355; May 17.
- Material with gaseous media, Treatment of solid. M. Vogel-Jorgensen. 2,123,593; July 12.
- Material working apparatus. S. P. McDaniels. 2,110,998; Mar. 15.
- Material working apparatus. J. S. Stull. 2,129,883; Sept. 13.
- Material working apparatus. E. J. Svenson. 2,140,565; Dec. 20.
- Material working machine, Convertible. A. C. Roebuck. 2,105,009; Jan. 11.
- Materials and articles made therefrom, Treating textile. J. S. Craik. 2,123,562; July 12.
- Materials and electrical treating apparatus, especially for sterilization, Treating. F. S. Smith. 2,132,708; Oct. 11.
- Materials and making same, Transparent. T. G. Finzel and D. E. Drew. 2,108,807-8; Feb. 22.
- Materials and making such materials, Magnetic. J. W. Andrews. 2,110,967; Mar. 15.
- Materials and means for carrying out such method, Drying various. J. G. Olsson. 2,137,347; Nov. 22.
- Materials and of preparations therefor, Treatment of fibrous. W. Hentrich, H. Keppler, and H. Holsten. 2,122,981; July 5.
- Materials and producing same, Transparent. T. G. Finzel and D. E. Drew. 2,108,805; Feb. 22.
- Materials and production thereof, Plastic. J. W. C. Crawford and J. McGrath. 2,108,044; Feb. 15.
- Materials and products resulting therefrom, Treatment of cellulose. W. H. Charch and D. B. Maney. 2,128,229; Aug. 30.
- Materials and to processes for producing the coating, Coated. J. L. Elliot. 2,116,066; May 3.
- Materials and treating same, Cellulose. T. G. Finzel and D. E. Drew. 2,108,806; Feb. 22.
- Materials, Apparatus for breaking down. O. J. Feight. 2,105,764; Jan. 18.
- Materials, Apparatus for contact treatment of. C. H. Thayer. 2,108,087; Feb. 15.
- Materials, Apparatus for crimping textile fibrous. J. A. Matthew and H. R. Neill. 2,115,313; Apr. 26.
- Materials, Apparatus for electrically testing. R. L. Stevens and J. P. Dallas. 2,123,812; July 12.
- Materials, Apparatus for handling. C. S. Johnson. 2,138,277; Nov. 29.
- Materials, Apparatus for measuring the stiffness of flexible. G. H. Smith. 2,113,389; Apr. 5.
- Materials, Apparatus for mixing. F. P. Broussard. 2,120,543; June 14.
- Materials, Apparatus for processing fibrous. R. Little, W. A. Traver, J. M. Wood, and F. W. Fraim. 2,125,937; Aug. 9.
- Materials, Apparatus for revivifying spent decolorizing. C. G. Koepl. 2,116,976; May 10.
- Materials, Apparatus for separating. H. S. Gerken. 2,130,346; Sept. 20.
- Materials, Apparatus for the explosive treatment of. W. J. Plews. 2,116,212; May 3.
- Materials, Apparatus for the manufacture or treatment of textile. H. Dreyfus. 2,123,235; July 12.
- Materials, Apparatus for the thermal treatment of carbonaceous. G. F. Michot-Dupont. 2,125,897; Aug. 9.
- Materials, Apparatus for the treatment of textile. D. Finlayson and L. Latham. 2,111,211; Mar. 15.
- Materials, Apparatus for transporting molten. S. W. Randolph. 2,115,213; Apr. 26.
- Materials, Apparatus for treating. E. J. Scott. 2,106,329; Jan. 25.
- Materials, Apparatus for treating canned. H. L. Smith, Jr., and L. N. Jones. 2,123,010; July 19.
- Materials, Applying binding. D. C. Drill, C. L. White-nack, and J. H. Gregory. 2,124,768; July 26.
- Materials by impregnation, Printing of fibrous. M. R. Greiser. 2,106,634; Jan. 25.
- Materials by magnesium, Reduction of metalliferous. G. N. Kirsedom. 2,111,367; Mar. 15.



- Materials, Calcining phosphate-bearing. T. F. Baily. 2,121,776; June 28.
- Materials, Cellulose composition. R. H. McKee. 2,116,536; May 10.
- Materials, Coating of absorbent. G. C. Tyce and V. Lefebure. 2,125,527; Aug. 2.
- Materials, Coating worked solid. A. Koch. 2,108,715; Feb. 15.
- Materials, Coloration of. H. Dreyfus. 2,131,098; Sept. 27.
- Materials, Coloration of. G. H. Ellis and A. J. Wesson. 2,120,552; June 14.
- Materials, Coloration of textile. G. H. Ellis and E. W. Kirk. 2,112,276; Mar. 29.
- Materials, Coloring and marking. A. E. Gessler. 2,118,431; May 24.
- Materials comprising cellulose derivatives, Coloration of. A. R. Murphy and D. E. Kvalnes. 2,123,740; July 12.
- Materials, Consolidation of porous. J. G. Vail. 2,131,338; Sept. 27.
- Materials containing cellulose esters, Coloration of. J. A. Wainwright and J. Allan. 2,115,374; Apr. 26.
- Materials containing collagen, Treatment of. W. G. Dewsbury and A. Davies. 2,105,413; Jan. 11.
- Materials containing nitrite, Purification of. C. F. Weston. 2,139,142; Dec. 6.
- Materials containing tantalum and/or niobium, Treatment of. J. P. Leemans. 2,140,801; Dec. 20.
- Materials, Continuous treatment of. G. D. Harris. 2,104,036; Jan. 4.
- Materials, Drying and burning of moist. G. E. Connolly. 2,116,059; May 3.
- Materials, Drying and treating wet granular. G. A. Vissac. 2,136,870; Nov. 15.
- Materials, Finishing textile. J. G. Evans and C. E. Salkeld. 2,125,901; Aug. 9.
- Materials for embossing, Preparation of. H. J. Hosking and A. R. Bradie. 2,112,023; Mar. 22.
- Materials for treatment of hydrocarbons. E. F. Quirke. 2,137,727; Nov. 22.
- Materials for varying their affinity, Treatment of. P. Schlack. 2,131,146; Sept. 27.
- Materials from high-speed rotary furnaces, Withdrawing. G. Zotos. 2,122,170; June 28.
- Materials, Fumigating. J. L. Biggs. 2,122,853; July 5.
- Materials, Halogenation of. C. G. Fink. 2,104,741; Jan. 11.
- Materials, hats, or articles, Apparatus for molding, blocking, or otherwise shaping. G. D. Weir. 2,125,760; Aug. 2.
- Materials having different electrical conductivities, Apparatus for separating mixed. K. C. Appleyard and S. D. Politt. 2,131,930; Oct. 4.
- Materials, Impregnation of. L. A. Meisse. 2,135,349; Nov. 1.
- Materials, Impregnation of porous. E. R. Boller. 2,135,029; Nov. 1.
- Materials, Improving the keeping qualities of reactive. A. H. Fiske. 2,131,432; Sept. 27.
- Materials in the manufacture of hard surface floor coverings, Apparatus for face saturating porous. L. E. Crew. 2,117,840; May 17.
- Materials, Incineration of waste. F. B. Schilling. 2,108,997; Feb. 22.
- Materials, Manufacture and/or treatment of artificial. G. H. Ellis and A. J. Wesson. 2,108,803; Feb. 22.
- Materials, Manufacture of artificial. H. Dreyfus. 2,128,288; Aug. 30.
- Materials, Manufacture of artificial. D. Finlayson and R. Bezant. 2,132,463; Oct. 11.
- Materials, Manufacture of artificial. T. H. Hilliard. 2,129,737; Sept. 13.
- Materials, Manufacture of cementitious. J. A. and A. J. Blank. 2,125,281; Aug. 2.
- Materials, Manufacture of modified organic isocolloid. L. Auer. 2,106,708; Feb. 1.
- Materials, Method and apparatus for testing. S. Cromer and I. F. Bingham. 2,138,141; Nov. 29.
- Materials, Method of and apparatus for dissolving soluble solid. R. R. Uhrmacher. 2,122,900; July 5.
- Materials, Method of and apparatus for shaping plastic. M. Low. 2,108,070-1; Feb. 15.
- Materials, Method of, and means for cleaning. C. C. Lamb. 2,107,866; Feb. 8.
- Materials, Molding plastic. E. T. Ferngren. 2,128,239; Aug. 30.
- Materials of different specific gravities and sizes, Apparatus for the pneumatic separation of. F. F. Ridley. 2,141,451; Dec. 27.
- Materials, Polymeric. H. T. Neher and C. S. Hollander. 2,114,233; Apr. 12.
- Materials, Process and apparatus for drying and burning moist. H. J. Hartley and D. Baird. 2,121,601; June 21.
- Materials, Process and mechanism for separating inter-mixed divided. K. Davis. 2,107,602; Feb. 8.
- Materials, Producing colored photographic. B. Gáspár. 2,107,605; Feb. 8.
- Materials, Production of magnetizable. H. Hiemenz. 2,123,138; July 5.
- Materials, Production of textile. H. Dreyfus and R. W. Monerleff. 2,116,064; May 3.
- Materials, Production of textile. R. W. Monerleff and C. W. North. 2,121,040; June 21.
- Materials, Refining sulphurized organic. J. N. Borglin. 2,125,218; July 26.
- Materials, Resinous thermoplastic. P. Nowak. 2,105,364; Jan. 11.
- Materials substantially resistant to creasing, Rendering textile. J. Stadler. 2,118,685; May 24.
- Materials, Surface treatment of. K. B. Blodgett. 2,108,641; Feb. 15.
- Materials testing apparatus. G. E. Troxell. 2,120,381; June 14.
- Materials to holders or backings, Method and apparatus for attaching compressible cleaning. S. P. Vaughn. 2,114,892; Apr. 19.
- Materials to the contour of a last, Shaping shoe upper. E. I. La Chappelle. 2,141,213; Dec. 27.
- Materials, Treating. R. N. Wallach and J. Zender. 2,140,341; Dec. 13.
- Materials, Treating fibrous. E. F. King. 2,111,933; Mar. 22.
- Materials, Treating magnetic. R. Gillis. 2,110,974; Mar. 15.
- Materials, Treatment of. H. Dreyfus. 2,106,298; Jan. 25.
- Materials, Treatment of. W. J. Plews. 2,124,746; July 26.
- Materials, Treatment of. V. J. Schaefer. 2,108,616; Feb. 15.
- Materials, Treatment of artificial. H. Dreyfus. 2,116,063; May 3.
- Materials, Treatment of artificial. H. Dreyfus. 2,121,341; June 21.
- Materials, Treatment of artificial. H. C. Olpin and G. H. Ellis. 2,133,470; Oct. 18.
- Materials, Treatment of artificial textile and like. G. H. Ellis and E. W. Kirk. 2,125,902; Aug. 9.
- Materials, Treatment of cellulose and cotton. W. H. Furness. 2,111,531; Mar. 15.
- Materials, Treatment of cellulose ester. H. Dreyfus. 2,112,883; Apr. 5.
- Materials, Treatment of cellulosic. H. Dreyfus. 2,110,545; Mar. 8.
- Materials, Treatment of cellulosic. G. Rivat. 2,123,152; July 5.
- Materials, Treatment of cellulosic fibrous. E. Mayer. 2,124,256; July 19.
- Materials, Treatment of fibrous. W. Kling and E. Götte. 2,114,564; Apr. 19.
- Materials, Treatment of fibrous. W. Kling and E. Götte. 2,128,613; Aug. 30.
- Materials, Treatment of textile. H. Dreyfus. 2,121,343; June 21.
- Materials used in distilling, etc., Converting starchy raw. G. C. Baker. 2,119,981; June 7.
- Materials, Utilizing edible. H. F. Bauer. 2,113,570; Apr. 12.
- Materials, Water and moistureproof textile. G. Schneider. 2,114,320; Apr. 19.
- Materials which do not flow easily, Molding plastic. V. Dumert. 2,135,803; Nov. 8.
- Materials with a copper-rich alloy, Coating ferrous. W. C. Swift. 2,113,667; Apr. 12.
- Materials with alkaline liquids of mercerizing strength, Treating fibrous. K. Brodersen. 2,104,290; Jan. 4.
- Materials with liquids, Treatment of solid. J. E. Jones and D. R. Johnston. 2,107,537; Feb. 8.
- Matrices, Making. A. W. Klomp. 2,105,694; Jan. 18.
- Matrices, Method and apparatus for preparing stereotype. H. Fankboner. Re. 20,855; Sept. 13.
- Matrix drier. P. J. Heretford. 2,105,973; Jan. 18.
- Matrix drying machine. F. G. Lougee. 2,122,800; July 5.
- Matrix for photo composing machines. S. Ish-Shalom and O. I. Bloom. 2,105,555; Jan. 18.
- Matrix for type casting. S. Ish-Shalom and O. I. Bloom. 2,105,556; Jan. 18.
- Matrix grinding and marking machine. J. E. Sheaffer. 2,110,030; Mar. 1.
- Matrix registering device, Automatic. H. A. W. Wood. 2,137,190; Nov. 15.
- Matter, Composition of. W. E. Gloor. 2,136,409; Nov. 15.
- Matter, Composition of. M. R. Isaacs. 2,127,298; Aug. 16.
- Matter, Composition of. O. Sturken. 2,115,240; Apr. 26.
- Matter, Compositions of. C. E. Linbarger and C. E. Linbarger, Jr. 2,133,300; Oct. 18.
- Matter in fluids, Detection of suspended. H. C. Grant, Jr. 2,119,326; May 31.
- Matting process. F. Schuster. 2,107,960; Feb. 8.
- Mattress. S. Harris. 2,116,171; May 3.
- Mattress. M. Marsack. 2,105,963; Jan. 18.
- Mattress. M. Marsack. 2,112,556; Apr. 5.
- Mattress. E. Rose. 2,105,065; Jan. 18.
- Mattress. E. J. Wolf. 2,121,417; June 21.
- Mattress and cushion handle. M. Marsack. 2,116,335; June 28.
- Mattress and method of making. G. Olson. 2,105,224; Jan. 11.
- Mattress and spring assembly therefor. A. F. Schen. 2,129,038; Sept. 6.
- Mattress filling machine. J. W. Droll and A. H. Olson. 2,110,359; Mar. 8.
- Mattress for beds. A. M. Bank. 2,104,971; Jan. 14.
- Mattress, Spring. W. Lewis. 2,111,076; Mar. 15.
- Mattress tufting machine. J. Sohn. 2,117,468; May 17.
- Maul. A. Irwin. 2,117,005; May 10.



- Maximum current switch. M. Hauser. 2,141,749; Dec. 27.
- Meal for feed, Soya. A. A. Horvath. 2,132,621; Oct. 11.
- Meal preparing apparatus. J. de Ayala. 2,119,455; May 31.
- Measure. G. R. Meyers. 2,122,068; June 28.
- Measured quantity dispenser. E. T. Strand and F. P. Colgan. 2,128,718; Aug. 30.
- Measurement of electrical contents of tuned circuits. J. Avins. 2,111,235; Mar. 15.
- Measurements, Apparatus for making geophysical. F. J. G. Neumann and W. R. Haubold. 2,110,577; Mar. 8.
- Measurements, Method and apparatus for electrical. H. A. Snow. 2,137,787; Nov. 22.
- Measuring a component of an alternating current or an alternating voltage, System for. W. Thal. 2,109,325; Feb. 22.
- Measuring and control apparatus. C. B. Moore. 2,125,081; July 26.
- Measuring and controlling apparatus. R. D. Junkins. 2,106,030; Jan. 18.
- Measuring and controlling apparatus. J. D. Ryder. Re. 20,927; Nov. 22.
- Measuring and controlling apparatus. J. D. Ryder. 2,109,222; Feb. 22.
- Measuring and controlling system. J. D. Ryder. 2,112,682; Mar. 29.
- Measuring and controlling systems. P. S. Dickey. 2,141,082; Dec. 20.
- Measuring and indicating apparatus. K. Blasig. 2,107,976; Feb. 8.
- Measuring and marking device. J. E. Martin. 2,134,195; Oct. 25.
- Measuring and packaging press articles and press attachment used therein. W. R. Smith. 2,119,561; June 7.
- Measuring and regulating device. G. V. Woodling. 2,139,295; Dec. 6.
- Measuring and severing device. E. C. Rehbein. 2,135,113; Nov. 1.
- Measuring and surveying device. D. L. Thomas. 2,123,216; July 12.
- Measuring apparatus. L. Behr. 2,113,928; Apr. 12.
- Measuring apparatus. O. S. Gibbs. 2,129,055; Sept. 6.
- Measuring apparatus. H. M. Jones. 2,137,773; Nov. 22.
- Measuring apparatus. C. I. McNeil and R. T. Zwack. 2,104,373; Jan. 4.
- Measuring apparatus. C. W. Prochaska. 2,121,980; June 28.
- Measuring apparatus. H. Rumsey, Jr. 2,106,038; Jan. 18.
- Measuring apparatus. J. D. Ryder. 2,127,845-6; Aug. 23.
- Measuring apparatus. C. H. Schurr. 2,103,414; Feb. 15.
- Measuring apparatus. R. E. Woolley. 2,112,683; Mar. 29.
- Measuring apparatus. R. E. Woolley. 2,136,900; Nov. 15.
- Measuring apparatus for boot and shoe makers. B. Giuntini. 2,140,740; Dec. 20.
- Measuring device. F. G. Bloch. 2,117,287; May 17.
- Measuring device. L. B. Butterfield. 2,120,391; June 14.
- Measuring device. G. L. Greene. 2,104,642; Jan. 4.
- Measuring device. G. L. Kothny. 2,140,914; Dec. 20.
- Measuring device. V. S. Kuckl. 2,120,412; June 14.
- Measuring device. J. Kuhn. 2,110,087; Mar. 1.
- Measuring device. V. D. McBrayer. 2,138,742; Nov. 29.
- Measuring device. G. B. Meanley. 2,134,725; Nov. 1.
- Measuring device. J. D. Nixon. 2,136,457; Nov. 15.
- Measuring device. C. J. Officer, Jr. 2,106,649; Jan. 25.
- Measuring device. O. L. Orvold. 2,137,583; Nov. 22.
- Measuring device. J. H. Weiter. 2,129,895; Sept. 13.
- Measuring device. C. Westervelt, G. L. Storm, and A. Kaufmann. 2,129,979; Sept. 13.
- Measuring device, Tailor's. J. Turpan. 2,126,517; Aug. 9.
- Measuring dispenser. A. Mintz. 2,126,569; Aug. 9.
- Measuring instrument. W. F. Aller. 2,139,251; Dec. 6.
- Measuring instrument. W. Berndt and H. E. Paul. 2,128,395; Aug. 30.
- Measuring instrument. C. S. Evans. 2,124,550; July 26.
- Measuring instrument. G. W. Grisdale. 2,123,724; July 12.
- Measuring instrument. T. R. Harrison, E. H. Grauel, and J. E. Kessler. 2,132,617; Oct. 11.
- Measuring instrument. G. A. Ising. 2,113,255; Apr. 5.
- Measuring instrument. K. Moeger. 2,123,376; July 12.
- Measuring instrument, Compensated. W. W. Frymoyer. 2,107,632; Feb. 8.
- Measuring instrument, Curvilinear. C. L. Clark. 2,108,251; Feb. 15.
- Measuring instrument, Electrical. O. Ackermann. 2,130,829; Sept. 20.
- Measuring instrument, Electrical. F. X. Lamb. 2,130,960; Sept. 20.
- Measuring instrument, Electrical. L. J. Lunas. 2,130,852; Sept. 20.
- Measuring instrument, Electrical. F. S. Stickney and D. A. Young. 2,130,863; Sept. 20.
- Measuring instrument for alternating current circuits. F. Klutke. 2,137,846; Nov. 22.
- Measuring line catcher. J. G. Creed. 2,105,636; Jan. 18.
- Measuring machine. E. E. Winkley. 2,112,428; Mar. 29.
- Measuring machine. E. E. Winkley. 2,125,973; Aug. 9.
- Measuring mechanism. L. J. Williams. 2,139,478; Dec. 6.
- Measuring, Method and device for. R. S. Brescka and E. J. Meagher. 2,106,790; Feb. 1.
- Measuring system. O. Myers. 2,132,214; Oct. 4.
- Measuring system. A. J. Williams, Jr. 2,113,436; Apr. 5.
- Measuring system, Frequency. H. Granger. 2,131,559; Sept. 27.
- Meat and the like, Aging and pickling. C. C. Guthrie and W. S. McElroy. 2,135,334; Nov. 1.
- Meat, Apparatus for defrosting. G. A. Hormel. 2,128,728; Aug. 30.
- Meat, Appliance for treating. J. O. Bullard and N. B. Fouch. 2,116,614; May 10.
- Meat cooking. H. H. McKee. 2,140,163; Dec. 13.
- Meat cutter. C. W. Dieckmann. 2,131,429; Sept. 27.
- Meat cutting and slicing machine. C. G. Biro. 2,104,360; Jan. 4.
- Meat cutting and slicing machine. C. G. Biro. 2,113,931; Apr. 12.
- Meat, Defrosting. G. A. Hormel. 2,130,237; Sept. 13.
- Meat lifter. D. Paloni. 2,117,447; May 17.
- Meat mixing machine. A. C. Van Hooydonk. 2,138,798; Nov. 29.
- Meat package. H. C. Eckrich and H. J. Eckrich, Sr. 2,129,832; Sept. 13.
- Meat packing method. H. H. McKee and F. Seaver. 2,137,897; Nov. 22.
- Meat platter, clamp. A. R. Thoeny. 2,124,477; July 19.
- Meat processing. F. Kabus. 2,123,336; July 12.
- Meat processing and molding device. S. F. Gleason. 2,105,941; Jan. 18.
- Meat processing and molding device. S. F. Gleason. 2,107,329; Feb. 8.
- Meat products, Apparatus for preparing. F. W. Trabold. 2,138,260; Nov. 29.
- Meat products, Forming. H. Rumsey, Jr. 2,107,086; Feb. 1.
- Meat products, Packing. H. Rumsey, Jr. 2,107,166; Feb. 1.
- Meat slicing machine. C. Held. 2,121,348; June 21.
- Meat-slicing machine. J. P. Spang. 2,118,119; May 24.
- Meat slicing machine. A. L. Wilson. 2,119,762; June 7.
- Meat stomper. J. Wintroun. 2,137,709; Nov. 22.
- Meat suspending device. D. A. Dick. 2,115,196; Apr. 26.
- Meat tenderer. E. Little. 2,140,160; Dec. 13.
- Meat tenderer. F. W. West. 2,112,798; Mar. 29.
- Meat-tendering machine. O. E. Zahn. 2,128,872; Aug. 30.
- Meat tenderizer. W. L. Campbell. 2,135,960; Nov. 8.
- Meat, Treating. C. F. Gallagher. 2,126,187; Aug. 9.
- Meat treating method. H. H. McKee. 2,140,162; Dec. 13.
- Meats and the like, Curing of. L. A. Hall. 2,117,478; May 17.
- Meats, Cooking. H. H. McKee. 2,138,898; Nov. 22.
- Meats, Shaping and smoking. R. W. Mitchell. 2,133,667; Oct. 18.
- Meats with proteolytic enzymes, Treatment of. H. E. Allen. 2,140,781; Dec. 20.
- Mechanical device for opening milk cans. J. W. McFarland. 2,122,618; July 5.
- Mechanical furnace. G. N. Halter. 2,121,229; June 21.
- Mechanical movement. G. T. Basler. 2,106,787; Feb. 1.
- Mechanical movement. L. F. Crossman. 2,134,603; Oct. 25.
- Mechanical movement. O. Mueller. 2,108,991; Feb. 22.
- Mechanical movement. H. E. Twomley. 2,128,545; Aug. 30.
- Mechanical movement and shredder. W. E. Urschel. 2,124,934; July 26.
- Mechanical movement applicable to material screening apparatus. G. E. Markley. 2,109,395; Feb. 22.
- Mechanical packing joint. J. Amourelle. 2,111,200; Mar. 15.
- Mechanical press, Hydraulically operated. W. Ernst and D. C. Youngblood. 2,113,110; Apr. 5.
- Mechanical tester apparatus. C. Miller and G. Boyd. 2,119,437; May 31.
- Mechanism control. S. A. Snell. 2,139,863; Dec. 13.
- Mechanism for actuating the control surfaces of aircraft. R. T. Youngman. 2,138,753; Nov. 29.
- Mechanism for adjusting the sickle of a mowing machine, Power actuated. J. H. Morris. 2,129,435; Sept. 6.
- Mechanism for assembling match packets and the like. H. Brown and W. C. Nicodemus. 2,141,460; Dec. 27.
- Mechanism for assembling match packets and the like. L. E. Parker. 2,141,483; Dec. 27.
- Mechanism for automatically indicating the position, identity, and movement of railway cars in the switching yard, Centralized. L. M. Gibbs. 2,131,946; Oct. 4.
- Mechanism for clamping mobile units to rails. H. J. Perazzoli. 2,132,861; Oct. 11.
- Mechanism for delivering articles in counted bundles. C. G. Quick, D. A. Ball, and W. A. Whitehead. 2,109,050; Feb. 22.
- Mechanism for dividing and coalescing images. W. H. Snyder. 2,126,930; Aug. 16.
- Mechanism for feeding blanks. L. J. Pulse. 2,130,291; Sept. 13.
- Mechanism for lifting jacks, Operating. G. E. Tintera and W. E. Gahl. 2,126,843; Aug. 16.
- Mechanism for raising bottles on to the table of a bottle filling and capping machine. A. G. Enock. 2,106,210; Jan. 25.
- Mechanism for selectively hooking segmental gate structures. L. E. Knerr. 2,125,928; Aug. 9.



- Mechanism for separating intermixed divided materials. C. Bradford and O. T. Scollon. 2,104,922; Jan. 11.
- Mechanism for supplying sheet material. E. L. Smith and C. Wetsel. 2,111,338; Mar. 15.
- Mechanism for the interconversion of reciprocation and rotation. E. S. Hall. 2,139,189; Dec. 6.
- Mechano-surgical apparatus, Universal. N. Leuchter. 2,139,166; Dec. 6.
- Medical agent and preparing the same, Auxiliary. A. Matsumae. 2,125,577; Aug. 2.
- Medical device. R. W. Munro. 2,110,962; Mar. 15.
- Medical instrument. L. K. Pitman. 2,118,523; May 24.
- Medical treatment means, Sanitary. A. Greth. 2,106,707; Feb. 1.
- Medicament. A. McCrea. 2,105,197; Jan. 11.
- Medicaments and other materials, Vaporizing. S. M. Coe. 2,111,206; Mar. 15.
- Medicated pad. W. M. Scholl. 2,125,008; July 26.
- Medicinal dressing material. H. A. Levey. 2,137,169; Nov. 15.
- Medicinal oleaginous distillation. K. C. D. Hickman. 2,126,466; Aug. 9.
- Medicinal preparation of diuretic effect and its preparation. E. Wolf. 2,116,872; May 10.
- Medicinal treatment, Method of and apparatus for effecting. H. G. Johnson. 2,112,160; Mar. 22.
- Medicine dosage container. G. F. Fijux. 2,109,838; Mar. 1.
- Medicine, Topical germicidal. F. J. Bickenheuser. 2,114,369; Apr. 19.
- Medium for combating vermin. G. Schrader, O. Bayer, and H. Kükenthal. 2,114,577; Apr. 19.
- Member for friction clutches, Driven. M. Katcher. 2,117,728; May 17.
- Member for reinforced concrete structures, Reinforcing. H. Griffl. 2,123,239; July 12.
- Member to a container, Attaching an opening. C. J. Johansson. 2,129,583; Sept. 6.
- Members coated with rubber, Method and apparatus for heat-treating metallic. R. A. Dufour and H. A. Ledue. 2,129,203; Sept. 6.
- Memorandum book. C. H. Manzler. 2,134,138; Oct. 25.
- Memorandum holder. C. C. Clifford. 2,108,526; Feb. 15.
- Memorandum recording device. R. W. Lambert. 2,142,030; Dec. 27.
- Menthol, Making crystalline. M. Harris. 2,120,131; June 7.
- Menthol, Making crystalline. C. O. Terwilliger. 2,139,390; Dec. 6.
- Mercaptan solutions, Treating. D. L. Yabroff and J. W. Givens. 2,110,412; Mar. 8.
- Mercaptans, Production of. K. Baur. 2,116,182; May 3.
- Mercaptans, Separating. D. L. Yabroff and J. W. Givens. 2,123,492; July 12.
- Mercaptazole derivatives and their preparation. J. Teppema. 2,109,158; Feb. 22.
- Mercaptides, Oxidation of. D. L. Yabroff and J. W. Givens. 2,140,194; Dec. 13.
- Mercapto-thiazole derivatives. L. Orthner and E. Zaucker. 2,106,465; Jan. 25.
- Mercaptothiazoles, Manufacture of. C. H. Smith and C. W. Gay. 2,117,120; May 10.
- Merchandise container. C. E. Tuttle. 2,137,255; Nov. 22.
- Merchandise display. C. W. Kress. 2,136,109; Nov. 8.
- Merchandise display apparatus. J. E. Barsl. 2,108,096; Feb. 15.
- Merchandise mechanical sealing and recording. F. E. Love. 2,119,994; June 7.
- Merchandise vending machine. H. E. Williams. 2,129,897; Sept. 13.
- Merchandise, Basket-type floor. J. Lawler. 2,121,155; June 21.
- Merchandise, Basket-type floor. N. J. Leigh. 2,121,156; June 21.
- Merchandising device, Automaton. F. L. Dale. 2,105,904; Jan. 18.
- Merchandising device, Self-help. W. A. McEwen. 2,118,320; May 24.
- Merchandising display stand. A. C. Gilbert. 2,106,830; Feb. 1.
- Mercurial derivatives of camphoric acid and its salt and preparing the same, Therapeutically active organic. N. M. Molnar. 2,117,901; May 17.
- Mercurials and making them, Oil-soluble. M. S. Kharasch. 2,129,376; Sept. 6.
- Mercuric compound, N-substituted carboxyl amide. M. Hartmann and L. Panlizon. 2,136,503; Nov. 15.
- (Mercuric n-propyl) pyridyl carboxylamides. M. Hartmann and L. Panlizon. 2,136,501; Nov. 15.
- Mercury alcoholates of salts of hydroxy carboxylic acids, Aromatic. C. N. Andersen. 2,114,012; Apr. 12.
- Mercury cathode tube. T. Jurrhaane. 2,118,887; May 31.
- Mercury compounds, Organic. C. N. Andersen. 2,107,321; Feb. 8.
- Mercury compounds, Organic. C. N. Andersen. 2,113,545; Apr. 12.
- Mercury compounds, Organic. C. N. Andersen. 2,114,011; Apr. 12.
- Mercury compounds, Organic. C. N. Andersen. 2,118,133; May 24.
- Mercury compounds, Preparing organic. C. N. Andersen. 2,112,120; Mar. 22.
- Mercury contact interrupter. S. Ruben. 2,107,742; Feb. 8.
- Mercury for use in mercury switches, Preparation of. P. S. Bear. 2,134,694; Nov. 1.
- Mercury from antimony-containing ores, Recovering. R. W. Hyde and R. H. Cromwell. 2,119,231; May 31.
- Mercury salts of aliphatic polycarboxylic acids, Aryl. C. N. Andersen. 2,118,033; May 24.
- Mercury switch. K. Hunciker. 2,121,235; June 21.
- Mercury switch. R. P. Mattern. 2,119,944; June 7.
- Mercury vapor arc lamp. D. D. Knowles. 2,110,603; Mar. 8.
- Mercury vapor lamp. J. W. Marden and G. Meister. 2,129,357; Sept. 6.
- Mesh fabric, Ornamental. B. A. Nagorny. 2,139,512; Dec. 6.
- Mesh jetty. T. R. Herbest, Jr. 2,135,337; Nov. 1.
- Message device. J. Segar. 2,125,320; Aug. 2.
- Message holder. C. J. Korndorfer and L. T. Hand. 2,119,483; May 31.
- Message registration checking system. C. W. Keckler and I. C. Osten-Sacken. 2,118,247; May 24.
- Message transmitting system. A. D. Eitzen. 2,113,582; Apr. 12.
- Messages, Mechanism and system for transmitting. A. D. Eitzen. 2,114,291; Apr. 19.
- Messages or pictures over long distance lines, Transmission of. J. J. Laub and F. Kirschstein. 2,110,444; Mar. 8.
- Metal alloy. R. T. Wirth. 2,124,020; July 19.
- Metal alloy, Light. H. Steudel and H. Wiechell. 2,137,639; Nov. 22.
- Metal and procedure for producing the same, Sheet. W. Worthington. 2,139,872; Dec. 13.
- Metal and product thereof, Applying bonding coating to. L. P. Curtin. 2,127,207; Aug. 16.
- Metal and similar alloys, Recovery of type. H. A. G. Gunnellus and N. H. Liander. 2,125,226; July 26.
- Metal, Apparatus for casting. F. W. and V. Harbord. 2,127,407; Aug. 16.
- Metal, Apparatus for casting. F. W. and V. Harbord. 2,141,981; Dec. 27.
- Metal, Apparatus for casting. G. W. Hazey. 2,117,114; May 10.
- Metal, Apparatus for casting. A. J. Phillips. 2,126,808; Aug. 16.
- Metal, Apparatus for casting. F. F. Poland. 2,131,070; Sept. 27.
- Metal Apparatus for extruding. C. S. Farmer, C. J. Beaver, and T. J. Fairfield. 2,131,799; Oct. 4.
- Metal, Apparatus for handling molten. K. S. Howard and J. H. Locke. 2,106,456; Jan. 25.
- Metal, Apparatus for manufacturing expanded. L. W. Cross. 2,106,967; Feb. 1.
- Metal, Apparatus for shearing. A. Marofsky. 2,110,047; Mar. 1.
- Metal, Apparatus for treating. D. C. Turnbull. 2,131,767; Oct. 4.
- Metal, Apparatus for treating plated strip. J. F. Ferm. 2,141,382; Dec. 27.
- Metal article and making same, Hot rolled. H. D. Newell and M. Fleischmann. 2,118,683; May 24.
- Metal article, Duplex. J. A. Nock, Jr. 2,122,535; July 5.
- Metal article, Mechanically working. F. Singer. 2,105,015; Jan. 11.
- Metal article, Mechanically working. G. Singer. 2,116,954; May 10.
- Metal articles, Apparatus and method for testing. H. C. Knerr and A. R. Sharples. 2,124,578; July 26.
- Metal articles, Apparatus for surface hardening. H. Holler. 2,132,110; Oct. 4.
- Metal articles, Apparatus for surface treating. V. E. Minich. 2,132,311; Oct. 4.
- Metal articles, Apparatus for treating. D. C. Turnbull. 2,131,768-70; Oct. 4.
- Metal articles, Cleaning. F. M. Hauger. 2,120,494; June 14.
- Metal articles for defects, Method and apparatus for testing. H. C. Knerr. 2,124,577; July 26.
- Metal articles, Method and apparatus for forming. A. H. Gaess. 2,112,284; Mar. 29.
- Metal articles, Method and apparatus for treating. D. C. Turnbull. 2,131,772; Oct. 4.
- Metal articles, Method and apparatus for working sheet. J. W. French and J. O. E. Carlson. 2,141,027; Sept. 27.
- Metal, Baling sheet. A. J. Phillips. 2,134,529; Oct. 25.
- Metal bearing stock, Manufacturing strip. L. Sandler. 2,117,454-5; May 17.
- Metal bending machine, Sheet. W. L. Castel and W. O. Hedberg. 2,139,354; Dec. 6.
- Metal bisulphite reaction products, Treatment of terpene alcohol alkali. R. C. Palmer and H. J. Warmuth. 2,117,851; May 17.
- Metal bodies, Compound. F. F. Gordon. 2,133,292; Oct. 18.
- Metal bodies, Cutting composite. H. V. Inskeep. 2,139,957; Dec. 13.
- Metal bodies, Manufacture of compound. F. F. Gordon. 2,133,291; Oct. 18.
- Metal bodies, Manufacture of compound. F. F. Gordon. 2,133,293-4; Oct. 18.
- Metal carbides, Production of. N. Sanderichin. 2,137,144; Nov. 15.
- Metal Casting. F. F. Poland and K. A. Lindner. 2,136,394; Nov. 15.



- Metal, Casting of. K. Erdmann, F. Hansgirt, and G. Schichtel. 2,137,715; Nov. 22.
- Metal cleaning and pickling. J. V. Vaughn. 2,127,147; Aug. 16.
- Metal coated objects, Hot-dipping. E. C. Domm. 2,120,737; June 14.
- Metal coated product. N. E. Cook, E. J. Knopf, and W. L. Diehl. 2,126,244; Aug. 9.
- Metal, Coating. L. P. Curtin. 2,127,206; Aug. 16.
- Metal, Coating. G. C. Romig. 2,132,433; Oct. 11.
- Metal, Coating sheet. J. R. McElhane and R. Stoker. 2,108,331; Feb. 15.
- Metal, Coloring. F. A. Tuerff. 2,137,817; Nov. 22.
- Metal, Composite bearing. W. E. McCullough. 2,114,629; Apr. 19.
- Metal composition, Hard. G. Ritzau. 2,121,448; June 21.
- Metal composition, Refractory. F. R. Hensel. 2,131,994; Oct. 4.
- Metal compounds, Making finely divided. P. Beyersdorfer. 2,112,189; Mar. 22.
- Metal compounds of azo dyestuffs, Production of complex. F. Moll and F. Lange. 2,111,029; Mar. 15.
- Metal compounds of nucleoproteins and of their organic hydrolytic decomposition products and making same. S. L. Ruskin. 2,115,751; May 3.
- Metal container. W. E. Coakley. 2,131,792; Oct. 4.
- Metal container. W. E. Coakley. 2,132,722; Oct. 11.
- Metal container. A. L. Kronquest. 2,117,180; May 10.
- Metal container. K. W. Mauer. 2,122,105; June 28.
- Metal container. L. L. Salfsberg. 2,121,988; June 28.
- Metal container, Easy opening sheet. W. F. Punte. 2,120,186; June 7.
- Metal cutting machine. W. H. Welch. 2,105,237; Jan. 11.
- Metal cutting tool. H. C. Smith. 2,108,237; Feb. 15.
- Metal delivered in a molten condition, Method of and apparatus for shaping. M. Low. 2,108,752-3; Feb. 15.
- Metal drawing device. L. H. Brinkman. 2,124,961; July 26.
- Metal edging machine. W. M. Wobbe. 2,119,032; May 31.
- Metal, Electrochemical treatment of. S. J. Blaut and H. M. Lang. 2,115,005; Apr. 26.
- Metal, Eliminating embrittlement and corrosion of pickled. C. G. Miller. 2,109,675; Mar. 1.
- Metal extrusion device. P. K. Dunsheath. 2,108,529; Feb. 15.
- Metal, Ferrous. C. F. Lauenstein and C. J. Brinkworth. 2,105,220; Jan. 11.
- Metal, Finishing ferrous. G. C. Romig. 2,114,151; Apr. 12.
- Metal flashing. C. L. Schilling. 2,140,407; Dec. 13.
- Metal foil. H. G. Kittredge and F. W. Williams. 2,115,584; Apr. 26.
- Metal foil, Ornamented. J. Mazer. 2,133,357; Oct. 18.
- Metal for use in formation of tools, dies, etc., Making a hard and compact. F. H. Willey. 2,133,495; Oct. 18.
- Metal, Forming expanded. H. K. Baker. 2,107,278; Feb. 8.
- Metal from a surface of a metal body, and the resulting product, Removing. H. W. Jones. 2,125,177; July 26.
- Metal from the surfaces of billets or similar metal bodies and the product, Removing. H. W. Jones. 2,025,175; July 26.
- Metal from the surfaces of metallic bodies, Apparatus for removing. H. W. Jones. 2,125,174; July 26.
- Metal from the surfaces of metallic bodies, Apparatus for removing. H. W. Jones. 2,125,176; July 26.
- Metal from the surfaces of metallic bodies, Method of and apparatus for removing. E. A. Doyle. 2,125,179; July 26.
- Metal handling. W. E. Mitchell. 2,119,112; May 31.
- Metal, Handling and shipping sheet. E. I. Burke. 2,116,381; May 3.
- Metal in reversible mills, Process and mechanism for rolling endless lengths of. E. B. Hudson. 2,105,736; Jan. 18.
- Metal ingots, Apparatus for casting. A. M. Erichsen. 2,119,321; May 31.
- Metal, Making protected. F. M. Hauger. 2,120,496; June 14.
- Metal, Manufacture of calcium. J. D. Hanawalt. 2,122,419; July 5.
- Metal, Manufacture of calcium. L. E. Ward. 2,122,446; July 5.
- Metal, Manufacture of expanded. M. G. Vass. 2,104,249; Jan. 4.
- Metal, Manufacturing composite. V. H. Dupré. 2,119,668; June 7.
- Metal, Melting. P. Dunsheath. 2,122,233; June 28.
- Metal, Method and apparatus for making sheet. R. J. Wean. 2,120,318; June 14.
- Metal, Method and apparatus for working. A. W. Knudsen. 2,124,741; July 26.
- Metal, Method and machine for slitting. W. W. Leach. 2,109,921; Mar. 1.
- Metal, Method of and apparatus for producing ferrous sheet. A. J. Castle. 2,105,969; Jan. 18.
- Metal, Method of and machine for bending sheet. H. G. Flieger. 2,105,240; Jan. 11.
- Metal mold. K. A. Lindner. 2,108,614; Jan. 25.
- Metal mold. S. C. Spalding. 2,132,276; Oct. 4.
- Metal molding machine, Plastic. C. Rochri. 2,113,410; Apr. 5.
- Metal objects, Apparatus for cleaning and coating elongated. J. M. Hilbish and J. K. McCahan. 2,134,557; Oct. 25.
- Metal objects, Making porous. C. Tietig. 2,133,761; Oct. 18.
- Metal of billets or the like, Apparatus for treating the defective surface. A. B. Kinzel. 2,125,173; July 26.
- Metal of billets or the like, Treating the defective surface. A. B. Kinzel. 2,125,172; July 26.
- Metal of substantially constant cross section throughout its length directly from a mass of molten metal and to an apparatus therefor, Producing solid. C. W. Hazelett. 2,127,515; Aug. 23.
- Metal parts, Connecting of. G. S. Lewis. 2,112,673; Mar. 29.
- Metal parts, Treating. C. C. Swift. 2,123,856; July 12.
- Metal pickling. C. H. Grant. 2,120,276; June 14.
- Metal, Pickling. N. H. Schermer. 2,133,231; Oct. 11.
- Metal, Pickling coiled. C. H. Manion. 2,122,913; July 5.
- Metal pigs, Apparatus for automatically feeding. V. Tobia. 2,108,457; Feb. 15.
- Metal plating. F. F. Oplinger. 2,104,269; Jan. 4.
- Metal powder, Apparatus for the manufacture of. E. Kramer. 2,136,445; Nov. 15.
- Metal, Processing. C. E. McManus. 2,105,426; Jan. 11.
- Metal product, Expanded. W. E. Mack. 2,141,400; Dec. 27.
- Metal products, Apparatus for producing. J. M. Merle. 2,129,703; Sept. 13.
- Metal products, Making. J. M. Merle. 2,129,702; Sept. 13.
- Metal products, Manufacture of. E. R. Long. 2,140,916; Dec. 20.
- Metal, Protecting and forming prefinished. L. G. Copeman. 2,120,461; June 14.
- Metal punching apparatus, Sheet. F. H. Johnson. 2,118,648; May 24.
- Metal purification. H. N. Gilbert and N. D. Clarke. 2,124,564; July 26.
- Metal recovery device, Precious. R. B. Hayden. 2,125,291; Aug. 2.
- Metal recovery process. G. E. Behr. 2,124,180; July 19.
- Metal, Refining. G. E. Behr. 2,125,329; Aug. 2.
- Metal, Remelting scrap. S. Arnold, 3rd. 2,119,262; May 31.
- Metal removing machine. A. Oberhoffken. 2,104,756; Jan. 11.
- Metal rods, Continuous casting of. S. Junghans. 2,135,183; Nov. 1.
- Metal rolling apparatus and method for annular work. H. M. Hubbard. 2,132,370; Oct. 4.
- Metal rolling, Apparatus for. L. Iversen. 2,109,904; Mar. 1.
- Metal rolling mill. C. A. Bollinger. 2,133,051; Oct. 11.
- Metal salts and products obtained thereby, Manufacture of water-soluble alkaline-earth. H. Schmidt and H. Jung. 2,118,985; May 31.
- Metal salts of phenols, Carboxylation of alkali. H. Z. Lecher and M. Scalera. 2,132,356-7; Oct. 4.
- Metal seaming tool, Sheet. C. R. Schlicht. 2,131,821; Oct. 4.
- Metal shapes, Continuous casting of. B. E. Eldred. 2,135,465; Nov. 1.
- Metal shavings, Apparatus for briquetting. K. Klöne. 2,118,205; May 24.
- Metal shearing machine. C. A. Frick. 2,135,002; Nov. 1.
- Metal sheet, Building up pitted holes in a. T. J. McKerrhan. 2,120,525; June 14.
- Metal sheets in liquid, Apparatus for treating. E. G. Köhler. 2,114,782; Apr. 19.
- Metal sheets, Method of and apparatus for opening. P. J. Murray and E. E. Bowen. 2,141,218; Dec. 27.
- Metal sheets, Production of. C. Hardy. 2,134,366; Oct. 25.
- Metal, Soldering, welding and coating. E. H. E. Johanson. 2,104,370; Jan. 4.
- Metal spraying apparatus. R. L. Binder. 2,136,668; Nov. 15.
- Metal stock and/or rolls during cold rolling, Treating. G. H. Orozco. 2,136,725; Nov. 15.
- Metal stock, Rolling composite. T. B. Chace. 2,125,153; July 26.
- Metal strip, Degreasing. S. B. Spencer and J. C. Dutton. 2,127,437; Aug. 16.
- Metal structure and making, Double-walled sheet. E. G. Budd. 2,108,795; Feb. 22.
- Metal structures, Direct casting of sheetlike. E. B. Hudson. 2,128,941; Sept. 6.
- Metal sulfides, Conversion of. D. Tyrer. 2,128,107; Aug. 23.
- Metal surface. H. H. Harris. 2,105,352; Jan. 11.
- Metal surface, Treating. R. J. Wean and L. D. Peik. 2,118,832; May 31.
- Metal, Surface treating section. C. Thyssen. 2,125,825; Aug. 2.
- Metal surfacing, Sheet. H. J. Little. 2,142,070; Dec. 27.
- Metal threading apparatus. E. J. Protin. 2,116,639; May 10.
- Metal to a fabric piece of a necktie, Apparatus for securing a strip of. C. W. Nyström. 2,116,952; May 10.
- Metal to an object, Preventing the adherence of molten. B. F. Davidson and C. F. Morse. 2,125,067; July 26.
- Metal to glass, Apparatus for sealing. J. F. Donovan and F. J. Malloy. 2,121,627; June 21.



- Metal to prevent localized corrosive attack, Surface treatment of. C. A. Scharschu and G. C. Kiefer. 2,106,227; Jan. 25.
- Metal, Treating. J. O. Betterton and Y. E. Lebedeff. 2,109,144; Feb. 22.
- Metal, Treating. S. H. Bobrov. 2,132,557; Oct. 11.
- Metal, Treating. C. F. Lauenstein and P. F. Ulmer. 2,105,888; Jan. 18.
- Metal treating. V. T. Malcolm. 2,131,709; Sept. 27.
- Metal, Treating thin strip. C. B. Higgins. 2,135,713; Nov. 8.
- Metal treatment. M. D. Stone. 2,134,319; Oct. 25.
- Metal treatment. U. C. Tainton. 2,134,457; Oct. 25.
- Metal, Treatment of. S. R. McBride. 2,131,062; Sept. 27.
- Metal, Treatment of expanded. L. W. Cross. 2,114,592; Apr. 19.
- Metal tube. D. D. Knowles and E. F. Lowry. 2,121,600; June 21.
- Metal turning. C. E. Kraus. 2,127,523; Aug. 23.
- Metal under pressure, Apparatus for casting. K. F. Wagner. 2,137,764; Nov. 22.
- Metal underbody construction. L. G. Boehner. 2,126,607; Aug. 9.
- Metal values, Method and apparatus for recovering. E. B. Myers. 2,128,313; Aug. 30.
- Metal vapor lamp. H. C. Rentschler and D. E. Henry. 2,110,609; Mar. 8.
- Metal wheel. G. Walther. 2,117,926-7; May 17.
- Metal with a water insoluble metallic phosphate, Coating ferrous. G. C. Romig. 2,132,883; Oct. 11.
- Metallic articles, Apparatus for grinding. H. H. Giles. 2,139,952; Dec. 13.
- Metallic articles, Method of and apparatus for testing. H. C. Knerr and A. R. Sharples. 2,124,579; July 26.
- Metallic attachment. H. Sheer. 2,108,905; Feb. 22.
- Metallic bodies, Manufacturing porous. H. Burkhardt. 2,122,053; June 28.
- Metallic bunches, Making resilient. J. W. Gottschalk and S. W. Grater. 2,138,787; Nov. 29.
- Metallic layers, Producing finely divided. G. Liebmann. 2,131,187; Sept. 27.
- Metallic objects such as pipes, tanks, and the like from corrosion or other injury, Method and apparatus for coating and protecting. U. B. Bray and M. S. Reynolds. 2,135,208; Nov. 1.
- Metallic objects with layers of other metals, Coating. T. Sendzimir. 2,110,893; Mar. 15.
- Metallic receptacle. C. E. Bertels. 2,119,502; May 31.
- Metallurgical dusts, Smelting of. J. O. Betterton, A. J. Phillips, and R. E. Allen. 2,139,065; Dec. 6.
- Metallurgical furnace. W. E. Greenwalt. 2,108,118; Feb. 15.
- Metallurgical furnace. L. G. Jenness. 2,116,725; May 10.
- Metallurgical process. F. G. Carrington. 2,124,445; July 19.
- Metallurgical process. W. E. Greenwalt. 2,129,760; Sept. 13.
- Metals and alloys, Plating. U. Raydt. 2,138,982; Dec. 6.
- Metals alloying apparatus, Precious. R. C. Merrill. 2,119,238; May 31.
- Metals and alloys, Method of extruding. A. B. Graham. 2,123,416; July 12.
- Metals and alloys poor in carbon and silicon, Producing. F. G. Samuelson, O. H. Jonson, and K. J. H. Engdahl. 2,123,262; July 19.
- Metals and alloys, Production of refractory. C. W. and C. C. Balke. 2,107,279; Feb. 8.
- Metals, Apparatus for sweating out fusible. W. F. Eppensteiner. 2,108,034; Feb. 15.
- Metals, Apparatus for the electrodeposition of. R. H. Adey. 2,108,700; Feb. 15.
- Metals, Apparatus for treating. E. W. Smith. 2,116,367; May 3.
- Metals, Bonding ferrous and nonferrous. H. E. Deputy. 2,123,181; July 12.
- Metals, Casting. J. A. Schultz, Jr., and J. A. Zapf. 2,108,080; Feb. 15.
- Metals, Coating malleable non-noble heavy. D. J. Wilhelm. 2,106,904; Feb. 1.
- Metals, Cyanidation of precious. N. Hedley. 2,131,535; Sept. 27.
- Metals, Dephosphorizing. R. Perrin. 2,123,658; July 12.
- Metals, Electrodeposition of. W. J. Harshaw and K. E. Long. 2,125,229; July 26.
- Metals, Electrodeposition of. V. H. Waite. 2,112,818; Mar. 29.
- Metals, Electrodeposition of. V. H. Waite. 2,114,006; Apr. 12.
- Metals, Extracting precious. L. Blee and F. Soular. 2,136,409; Nov. 15.
- Metals for radio tubes, Carbonizing. C. Eddison and E. G. Widell. 2,124,162; July 19.
- Metals from ores, Recovery of. H. Sellger. 2,120,825; Aug. 18.
- Metals from metallic dust, Apparatus and process for melting out. K. R. Göhre. 2,134,603; Oct. 25.
- Metals from nonprecious metals in metal bearing earth, Separating precious. E. Hey and F. H. Hunsicker. 2,139,498; Dec. 6.
- Metals from photographic baths, Recuperation of valuable. H. G. Doffin. 2,110,930; Mar. 15.
- Metals from scrap and metallurgical residues, Recovery of. C. B. White. 2,128,548; Aug. 30.
- Metals from solutions, Recovery of precious. O. L. Kröhl. 2,122,527; July 5.
- Metals, Heat treating. C. O. Burgess. 2,124,459; July 19.
- Metals, Melting by use of an electric furnace. J. A. Zublin and J. S. Goodwin. 2,131,396; Sept. 27.
- Metals, Metallurgy of ferroalloy. E. F. Meyer. 2,125,642; Aug. 2.
- Metals, Method and apparatus for cutting and treating. R. L. Wagner. 2,110,781; Mar. 8.
- Metals, Method of and composition for purifying. I. E. Muskat. 2,117,348; May 17.
- Metals or metal compounds from complex ores, Recovery of valuable. A. Hammarberg. 2,123,240; July 12.
- Metals or metallic articles, Treating. H. E. Somes. 2,118,480; May 24.
- Metals, Preparation of alkaline earth. G. N. Kirsebom. 2,116,245; May 3.
- Metals, Process and composition for plastic deformation of. H. A. Montgomery. 2,112,632; Mar. 29.
- Metals, Producing. E. Edwin. 2,132,149; Oct. 4.
- Metals, Production of light. R. E. Hulise. 2,130,801; Sept. 20.
- Metals, Production of solder and terne. A. Hanak. 2,116,891; May 10.
- Metals, Purification of. T. H. Vaughn. 2,123,617; July 12.
- Metals, Purification of molten. E. Vroonen. 2,128,444; Aug. 30.
- Metals, Purifying fused. O. Nielsen. 2,111,032; Mar. 15.
- Metals, Recovery of precious. L. D. Mills, T. B. Crowe, and J. C. Haun. 2,111,600; Mar. 22.
- Metals, Refining of. F. Hansgirt. 2,118,973; May 31.
- Metals, Refining of. F. Hansgirt. 2,122,139; June 28.
- Metals, Refining of nonferrous. J. R. Stack. 2,111,575; Mar. 22.
- Metals, Stable colloidal dispersion of. M. Bockmühl, E. Dörzbach, and W. Persch. 2,124,331; July 19.
- Metals such as gold, Apparatus for the recovery of precious. L. O. Stirn. 2,132,195; Oct. 4.
- Metals, Treating. J. O. Betterton and A. J. Phillips. 2,113,643; Apr. 12.
- Metals, Treatment of. G. E. Sell. 2,116,219; May 3.
- Metals, Uniting. P. Cykajlo. 2,108,528; Feb. 15.
- Metals with silicon, Impregnation of. H. K. Ihrig. Re. 20,719; May 10.
- Metalworking apparatus and method. J. J. McLaughlin. 2,134,526; Oct. 25.
- Metalworking machine. F. A. Best. 2,106,866; Feb. 1.
- Metalworking machine. E. S. Cornell. 2,136,491; Nov. 15.
- Metalworking machine. A. E. Drissner. 2,116,565; May 10.
- Metalworking machine. F. H. Le Jeune. 2,124,923; July 26.
- Metalworking machine. H. Weinacker. 2,125,759; Aug. 2.
- Meta-nitro-para-toluidine, Preparing. C. B. Biswell and W. V. Wirth. 2,128,511; Aug. 30.
- Meter: See—
- |                            |                                      |
|----------------------------|--------------------------------------|
| Ampere-squared-hour meter. | Modulation meter.                    |
| Compound action meter.     | Motion indicator and velocity meter. |
| Cumulative demand meter.   | Multipiston meter.                   |
| Disk meter.                | Multirate meter.                     |
| Dual-load meter.           | Output dose meter.                   |
| Earth electrode meter.     | Parking meter.                       |
| Electric meter.            | Photoelectric exposure meter.        |
| Electrical parking meter.  | Photoelectric glass meter.           |
| Electricity meter.         | Piston meter.                        |
| Evaporation meter.         | Poly phase detachable meter.         |
| Exposure meter.            | Posture meter.                       |
| Face meter.                | Power meter.                         |
| Fluid meter.               | Prepayment meter.                    |
| Frequency meter.           | Radio frequency and intensity meter. |
| Gas meter.                 | Repeating meter.                     |
| Gas-density meter.         | Resistivity meter.                   |
| Ground testing meter.      | Rotary meter.                        |
| Gravity meter.             | Viscosity meter.                     |
| Gyroscopic fluid meter.    | Volt-ampere-hour meter.              |
| Heat consumption meter.    | Water meter.                         |
| Induction watt-hour meter. | Watt-hour meter.                     |
| Liquid meter.              | Wave meter.                          |
| Liquid weight meter.       |                                      |
| Load loss meter.           |                                      |
- Meter. E. H. Brayer. 2,116,777; May 10.
- Meter and time switch, Combination. E. Greenwood and K. W. Struck. 2,130,821; Dec. 13.
- Meter attachment. H. Clifton and E. W. Whitehead. 2,117,653; May 17.
- Meter box. G. Farn. 2,126,700; Aug. 14.
- Meter box. A. J. Allen. 2,133,944; Oct. 25.
- Meter cabinet. J. R. Cooper. 2,117,945; May 17.
- Meter closure. R. W. Grace. 2,130,145; June 7.
- Meter closure fastener. R. W. Grace. 2,113,687; Apr. 12.
- Meter connection appliance, Electric. J. Sachs. 2,120,574-5; June 14.
- Meter construction, Polyphase watt hour. F. Rums. 2,119,015; May 31.
- Meter construction, Polyphase watt hour. F. Rums. 2,129,010; Sept. 6.
- Meter control, Automatic. M. Partish. 2,113,947; Apr. 12.



- Meter for electricity, gas, and like commodities, Prepayment. G. Wall. 2,106,582; Jan. 25.
- Meter for internal combustion engines, Gasoline. G. F. Stiner. 2,121,892; June 28.
- Meter for liquids, Piston. H. Wylder. 2,113,526; Apr. 5.
- Meter for steam boilers. W. H. Hoyt. 2,130,463; Sept. 20.
- Meter for ultraviolet rays, Intensity. L. F. Bird. 2,114,163; Apr. 12.
- Meter gap expander. R. P. Adams. 2,139,062; Dec. 6.
- Meter installation. E. T. Hagist. Re. 20,780; July 5.
- Meter installation, Watt-hour. P. E. Hills. 2,128,047; Aug. 23.
- Meter mounting, Electric. H. A. Bakke. 2,126,602; Aug. 9.
- Meter, Parking. R. W. Babson. Re. 20,764; June 14.
- Meter reading recorder. G. A. Josephson. 2,122,319; June 28.
- Meter seal. F. B. Thomson. 2,132,062; Oct. 11.
- Meter service installation, Electric. J. Sachs. 2,131,641; Sept. 27.
- Meter tester. F. Snow. 2,140,562; Dec. 20.
- Meter testing, Fluid. W. C. Wagner and F. Strattnr. 2,135,061; Nov. 1.
- Meter unit for watt-hour meters, Demand. E. L. Keller. 2,120,311; June 14.
- Metals with lead, Alloying. W. T. Butcher. 2,138,729; Nov. 29.
- Metering apparatus. E. H. Brayer. 2,116,778; May 10.
- Metering device. B. Browne. 2,112,516; Mar. 29.
- Metering device. P. M. Lincoln. 2,136,364; Nov. 15.
- Metering device, Coin controlled. G. H. Niederst. 2,131,597; Sept. 27.
- Metering system, Electronic remote. H. L. Bernarde. 2,106,825; Feb. 1.
- Metering system, Remote. B. E. Lenehan. 2,117,894; May 17.
- Metering valve. D. Lewis. 2,117,182; May 10.
- Methacryl-containing compounds, Production of. J. W. C. Crawford and J. McGrath. 2,140,469; Dec. 13.
- Methacrylic acid and esters, Preparation of. D. J. Loder. 2,111,510; Mar. 15.
- Methane, Manufacture of halogenated derivatives of. W. W. Gleave. 2,104,695; Jan. 4.
- Methanol, Purifying crude. J. Glesen, H. Hanisch, and M. Dally. 2,115,553; Apr. 26.
- Methylamines, Separation of. C. E. Andrews and L. U. Spence. 2,126,600; Aug. 9.
- Methyl-aromatic compounds, Chlorinating. P. Osswald and O. Scherer. 2,132,361; Oct. 4.
- Methylene halide derivatives of carboxylic acid amides and carbamic esters, respectively, and making the same. A. W. Baldwin and H. A. Piggett. 2,131,362; Sept. 27.
- MgO and CaCO<sub>3</sub> from dolomitic materials, Obtaining. W. H. MacIntire. 2,137,675; Nov. 22.
- Mica condenser. J. Rohnfeld. 2,119,115; May 31.
- Mica for electrical purposes, Treatment of. F. W. Brough. 2,108,577; Feb. 15.
- Micrometer apparatus for angle measurements and other purposes. F. Tyson. 2,136,958; Nov. 15.
- Micrometer gauge. P. Glouton. 2,104,194; Jan. 4.
- Micrometer gauge. W. J. Summers. 2,107,222; Feb. 1.
- Micrometer, Internal diameter. J. Rae. 2,135,912; Nov. 8.
- Micrometers, Thread gauge adapter for. J. Pilnick. 2,114,936; Apr. 19.
- Microorganisms, Promoting the growth and activity of. P. Liebesny and H. Werthelm. 2,133,203; Oct. 11.
- Microprojecting apparatus. J. C. Ehrlich. 2,133,321; Oct. 18.
- Microphone. W. A. Bruno. 2,130,946; Sept. 20.
- Microphone. E. Gerlach. 2,110,763; Mar. 8.
- Microphone. H. F. Olson and F. Massa. 2,113,219; Apr. 5.
- Microphone and circuit. H. F. Olson and B. Kreuzer. 2,119,345; May 31.
- Microphone boom. W. A. Mueller. 2,122,778; July 5.
- Microphone boom. A. G. Wright. 2,129,898; Sept. 13.
- Microscope. M. Berek. 2,128,394; Aug. 30.
- Microscope. G. Fassin. 2,135,870; Nov. 8.
- Microscope. G. B. Gallasch and H. F. Kurtz. 2,117,161; May 10.
- Microscope. L. B. Hall and H. F. Kurtz. 2,133,509; Oct. 18.
- Microscope. H. N. Ott. 2,132,122; Oct. 4.
- Microscope. H. N. Ott. 2,133,665; Nov. 29.
- Microscope. R. Powell. 2,110,653; Mar. 8.
- Microscope. S. Roesch. 2,105,671; Jan. 18.
- Microscope, Electron. M. Knoll, F. G. Houterman, and W. Schulze. 2,131,536; Sept. 27.
- Microslides, Filing. E. C. Weistopf. 2,119,407; May 31.
- Microtome and attachment therefor. D. M. Crooks. 2,113,932; Apr. 12.
- Midsolus, Manufacture of. I. J. Novak. 2,125,947; Aug. 9.
- Mixing, Apparatus for. F. G. Goode and G. R. Humphrey. 2,118,079; May 24.
- Milk and milk preparations, Treatment of. C. Schwartz. 2,135,054; Nov. 1.
- Milk bottle box, Self-latching. A. L. Willett. 2,140,779; Dec. 20.
- Milk bottle cap. E. B. Cole. 2,129,406; Sept. 6.
- Milk bottle cap. C. W. Goodwin. 2,125,609; Aug. 2.
- Milk bottle container, Insulated. W. H. Van Buskirk. 2,107,590; Feb. 8.
- Milk bottle holder. J. S. Hita. 2,110,800; Mar. 8.
- Milk bottle receptacle, Theftproof. C. D. Eggebrecht. 2,127,022; Aug. 16.
- Milk box. J. A. Hopwood. 2,134,251; Oct. 25.
- Milk cooler. J. W. Goble. 2,109,694; Mar. 1.
- Milk cooler, Storage. J. E. Wilson, Jr. 2,104,685; Jan. 4.
- Milk cooling cabinet, Sanitary steel. J. E. Wilson, Jr. 2,104,684; Jan. 4.
- Milk delivery box. J. A. Hopwood. 2,113,404; Apr. 5.
- Milk-dispensing device. H. Smith and D. J. Cohn. 2,117,747; May 17.
- Milk distribution apparatus and a can for use with the said apparatus. A. and H. Rindl. 2,139,208; Dec. 6.
- Milk, Heat treatment of. V. Hass. 2,140,011; Dec. 13.
- Milk, Mechanism for receiving and dumping. I. H. Kendall. 2,116,865; May 10.
- Milk or other liquids, Apparatus for conditioning. L. W. Eggleston. 2,126,625; Aug. 9.
- Milk, Pasteurizing. R. J. Wightman. 2,119,616; June 7.
- Milk powder, Chocolate. E. D. Fear. 2,136,651; Nov. 15.
- Milk powder, Manufacturing. N. M. Kronberg. 2,127,524; Aug. 23.
- Milk, Preparing soft curd. V. Conquest. 2,115,505; Apr. 26.
- Milk, Preparing stable chocolate. B. Fick. 2,106,089; Jan. 18.
- Milk product and making the same, Chocolate. F. L. Sanna. 2,117,682; May 17.
- Milk product and manufacturing the same. F. W. Nord-siek. 2,119,599; June 7.
- Milk products. A. R. and F. L. Sanna. 2,117,681; May 17.
- Milk products, Treatment of. R. P. Myers and S. M. Weisberg. 2,128,845; Aug. 30.
- Milk serum or whey product, Preparing a useful. B. H. Webb and G. A. Ramsdell. 2,119,614; June 7.
- Milk, Treating. E. W. Smith. 2,109,912; Mar. 1.
- Milk, Treating. E. W. Smith. 2,110,115; Mar. 1.
- Milk, Treating. E. W. Smith. 2,112,203; Mar. 22.
- Milking machine. J. L. Hulbert. 2,122,471; July 5.
- Mill: See—
- |                       |                           |
|-----------------------|---------------------------|
| Ball and pebble mill. | Pellet mill.              |
| Ball mill.            | Quartz mill.              |
| Coffee mill.          | Reducing mill.            |
| Colloid mill.         | Roller mill.              |
| Crushing mill.        | Rolling mill.             |
| End mill.             | Rotary bowl mill.         |
| Fine grinding mill.   | Roughage mill.            |
| Flour mill.           | Shingle mill.             |
| Grinding mill.        | Three-high mill.          |
| Hammer mill.          | Tube mill.                |
| Hollow mill.          | Tube or bar rolling mill. |
| Ink mill.             | Tube rolling mill.        |
| Metal rolling mill.   | Tumbling mill.            |
| Masticating mill.     | Vertical mill.            |
| Ore mill.             |                           |
- Mill and operating the same, Rolling. L. Iversen. 2,113,050; Apr. 5.
- Mill assembly, Slabbing. J. B. Tytus and E. N. Millan. 2,140,822; Dec. 20.
- Mill control. C. F. L. Røder. 2,136,907; Nov. 15.
- Mill department control. F. Marquart. 2,124,518; July 19.
- Mill drive, Rolling. M. H. Pease and D. A. Keating. 2,131,541; Sept. 27.
- Mill for chocolates, colors, etc., Automatic mixing and fine-grinding. L. Theiner. 2,134,897; Nov. 1.
- Mill, Roll and bar grinding. A. Sonsthagen. Re. 20,956; Dec. 27.
- Mill, Roller. R. Goll. Re. 20,918; Nov. 11.
- Milling and paralleling machine. E. E. Welch. 2,132,503; Oct. 11.
- Milling attachment. M. Hanna. 2,140,957; Dec. 20.
- Milling cutter, Face. E. Reaney. 2,136,953; Nov. 15.
- Milling machine. J. B. Armitage. 2,115,058; Apr. 26.
- Milling machine. H. W. Bartholemew. Re. 20,893; Oct. 25.
- Milling machine. H. Horlacher. 2,111,288; Mar. 15.
- Milling machine. W. Hucal. 2,130,012; Sept. 13.
- Milling machine. N. S. Lundberg and C. B. De Vlieg. 2,141,191; Dec. 27.
- Milling machine. H. Neubert. 2,121,923; June 28.
- Milling machine. A. Oberhoffen. 2,128,960; Sept. 6.
- Milling machine for grain. A. Frérotte. 2,141,647; Dec. 27.
- Milling machine, Lathe type. F. J. Vaughn. 2,128,625; Aug. 30.
- Milling machine, Multiple automatic pattern controlled. E. G. Roehm. 2,111,332; Mar. 15.
- Milling machine or other machine tool, Regulating the rate of feed of a. J. E. Doran. 2,129,049; Sept. 6.
- Milling machine, Pattern controlled. E. G. Roehm. 2,107,063; Feb. 1.
- Milling mechanism. W. Dzus. 2,109,969; Mar. 1.
- Milling tool. C. G. Gase. 2,129,478; Sept. 6.
- Mills, Lubricating and cooling system for rolling. W. T. Hurtt and F. G. Bannerot. 2,140,289; Dec. 13.
- Mills, Roller and roller and breast. H. E. Cox and J. R. Torrance. 2,135,174; Nov. 1.
- Mine car. W. D. Hockensmith, Jr. 2,104,395; Jan. 4.
- Mine car. W. V. Johnson. 2,131,420; Sept. 27.
- Mine car. J. H. Locke and W. M. Sheehan. 2,112,295; Mar. 29.
- Mine car. A. R. Long. 2,135,405; Nov. 1.



- Mine car, Stub axle. W. V. Johnson and R. C. Kepner. 2,131,491; Sept. 27.
- Mine cooling system. D. C. Lindsay. 2,109,236; Feb. 22.
- Mine loading apparatus. G. Smith. 2,138,750; Nov. 29.
- Mineral concentration. F. X. Tartaron. 2,126,292; Aug. 9.
- Mineral concentrator. R. Smith. 2,129,244; Sept. 6.
- Mineral fusion product and making same. C. R. Walker. 2,138,799; Nov. 29.
- Mineral material, Preparing a starch enveloped. H. T. Ruff. 2,140,394; Dec. 13.
- Mineral materials, Apparatus for treating. B. M. Bird and E. F. Muller. 2,132,375; Oct. 11.
- Mineral mixture, Formed. M. D. Knapheide, P. Caldwell, and W. P. Elmslie. 2,124,950; July 26.
- Mineral oil composition. T. W. Bartram. 2,111,307; Mar. 15.
- Mineral oil composition and treating same. T. W. Bartram. 2,111,306; Mar. 15.
- Mineral separating machine. J. A. Slaughter. 2,129,629; Sept. 6.
- Mineral separation, Apparatus for. M. E. Haworth. 2,139,823; Dec. 13.
- Mineral substances and porous product thereof, Method of burning. E. I. Lindman. 2,116,030; May 3.
- Mineral sulphides in gaseous suspension-heat control, Apparatus for the burning of. B. A. Stimmel, K. D. McBean, and G. Cruickshank. 2,120,475; June 14.
- Mineral sulphides in gaseous suspensions, Apparatus for the burning of. B. A. Stimmel, K. D. McBean, and G. Cruickshank. 2,120,474; June 14.
- Mineral trap. C. E. Ulrich. 2,125,469; Aug. 2.
- Mineral values, particularly coal, Gravitation concentration of. G. W. Davidson. 2,140,899; Dec. 20.
- Mineral wool, Apparatus and method for making. H. F. Vieweg. 2,110,280; Mar. 8.
- Mineral wool composition. H. T. Coss. 2,116,303; May 3.
- Mineral wool, Manufacture of. A. T. Shrum. 2,131,599; Sept. 27.
- Mineral wool, Method and apparatus for producing. C. B. White. 2,136,988; Nov. 15.
- Mineral wool, Process and apparatus for producing. L. W. Chantler. 2,112,557; Mar. 29.
- Mineral wool, Process and furnace for making. E. R. Powell. Re. 20,828; Aug. 16.
- Minerals, Apparatus for separation of. R. O. Stokes and J. C. Allen. 2,119,185; May 31.
- Minerals, Concentration of. J. J. Denny and A. C. Daman. 2,107,289; Feb. 8.
- Minerals, Concentration of. E. W. Wilkinson. 2,120,535; June 14.
- Minerals, Concentration of nonmetallic. F. X. Tartaron. 2,105,826-7; Jan. 18.
- Minerals, Differential concentration of non-metallic. A. Crago. 2,105,807; Jan. 18.
- Minerals, hydrocarbons, and the like from associated materials, Separating. J. M. McClave. 2,130,144; Sept. 13.
- Minerals of different specific gravities in crushed ores, Method and apparatus for separating fragmentary. C. E. Wuensch. 2,139,789; Dec. 13.
- Minerals, Smelting and reduction of. M. Frankl. 2,136,430; Nov. 15.
- Miner's cap. T. R. Jones. 2,121,296; June 21.
- Mining apparatus. J. F. Joy. 2,136,921; Nov. 15.
- Mining apparatus. C. F. Osgood. 2,131,189; Sept. 27.
- Mining, Apparatus for underground. G. S. Jenkins. 2,139,162; Dec. 6.
- Mining drill. T. McGlaughlin. 2,114,799; Apr. 19.
- Mining machine. M. P. Holmes. 2,131,175; Sept. 27.
- Mining machine. D. R. McCullough. 2,111,670; Mar. 22.
- Mining machine. D. R. McCullough. 2,127,066; Aug. 16.
- Mining machine. E. Ramsay. 2,105,505; Jan. 18.
- Mining machine. E. H. Stein. 2,124,319; July 19.
- Mining machine feeding mechanism. J. F. Joy and C. G. Boudette. 2,131,179; Sept. 27.
- Mining machine transmission mechanism. J. F. Joy and L. E. Simmons. 2,131,178; Sept. 27.
- Mirror. W. Irby. 2,123,049; July 5.
- Mirror. W. LaHodny and A. T. Barager. 2,123,431; July 12.
- Mirror. W. LaHodny and G. C. Hoff. 2,114,767; Apr. 19.
- Mirror and clock, Combination. N. En Holm. 2,132,476; Oct. 11.
- Mirror and mounting means therefor, Rear. A. D. Kondrath. 2,128,187; Oct. 23.
- Mirror and the like, Truck. O. C. Ritz-Woller. 2,111,641; Mar. 22.
- Mirror and visor attachment for motor vehicles. S. Thompson. 2,123,319; July 12.
- Mirror, Car. M. C. Turner. 2,126,059; Aug. 9.
- Mirror construction, Exploring. H. Gluck. 2,130,388; Sept. 20.
- Mirror, Dental. H. D. Greenberg. 2,140,005; Dec. 13.
- Mirror device. B. Putterman. 2,121,099; June 21.
- Mirror device. B. Putterman and D. E. Reed. 2,138,808; Nov. 29.
- Mirror device. D. E. Reed. 2,135,145; Nov. 1.
- Mirror device, Front-view. A. Boeve. 2,137,440; Nov. 22.
- Mirror device, Vanity. J. O. Newell. 2,106,254; Jan. 25.
- Mirror for automobiles, Forward view. J. E. Griffith. 2,132,026; Oct. 4.
- Mirror for dental and like uses, Fogless. U. G. Densten. 2,120,091; June 7.
- Mirror for spirit levels. J. E. Torbert, Jr. 2,133,598; Oct. 18.
- Mirror holder. R. F. Alder. 2,129,189; Sept. 6.
- Mirror, Jaunt folding dress. E. G. Miller. 2,124,146; July 19.
- Mirror mounting means. S. M. Dover. 2,113,251; Apr. 5.
- Mirror novelty, Flexible. A. F. Wegener. 2,129,513; Sept. 6.
- Mirror oscillograph, Electrostatic. P. F. Beer. 2,136,018; Nov. 8.
- Mirror plating apparatus. W. Owen. 2,128,713-14; Aug. 30.
- Mirror, Rear view. H. L. Bernard. 2,136,836; Nov. 15.
- Mirror, Rear view. P. E. Stone. 2,119,654; June 7.
- Mirror, Rear view vanity. H. F. Goldsmith. 2,119,208; May 31.
- Mirror sign. N. En Holm. 2,132,472; Oct. 11.
- Mirror suitable for map plotting devices. O. M. Miller. 2,121,255; June 21.
- Mirror supporting means, Rear view. F. W. Zink. 2,134,016; Oct. 25.
- Mirror system for sound recording, Piezoelectric crystal. S. C. Whitman. 2,137,188; Nov. 15.
- Mirror, Triplicate folding hand. C. R. Bostwick. 2,140,069; Dec. 13.
- Mirror unit. P. Horinstein. 2,114,711; Apr. 19.
- Mirror unit, Cabinet. H. H. Miller. 2,130,556; Sept. 20.
- Mirrors, Attachment for automobile. E. T. Barron. 2,118,962; May 31.
- Mirrors, Manufacture of. A. M. Barnes. 2,113,977; Apr. 12.
- Miter forming device for curtains and the like. D. H. Rosenberg. 2,124,714; July 26.
- Mitt, Baseball. H. J. O'Hara. 2,109,974; Mar. 1.
- Mitten, Beauty. W. Burke. 2,141,739; Dec. 27.
- Mixer: See—
- Drink mixer.
  - Flour and shortening mixer.
  - Fluid mixer.
  - Food mixer.
  - Fuel mixer.
  - Gas mixer.
  - Liquid mixer.
  - Paint and liquid mixer.
  - Paint mixer.
  - Reagent mixer.
  - Shower mixer.
- Mixer. T. P. Heller. 2,131,513; Sept. 27.
- Mixer and conditioner. W. B. Moore. 2,107,544; Feb. 8.
- Mixer and equalizer, Mud. W. O. Vermillion. 2,118,998; May 31.
- Mixer and fruit juice extractor, Food. W. B. Kochner and E. Newnham. 2,131,290; Sept. 27.
- Mixer and glass cooler, Cocktail. H. W. Talbot. 2,115,753; May 3.
- Mixer can. A. Galante. 2,123,600; July 12.
- Mixer drive mechanism. I. Jeppsson. 2,113,025; Apr. 5.
- Mixer for producing fluent substances, Disintegrating. F. J. Osius. 2,109,501; Mar. 1.
- Mixer, Sand. A. G. J. Rapp and A. C. Christensen. Re. 20,849; Sept. 6.
- Mixer with two compartment drum, Concrete. J. P. Faber. 2,136,045; Nov. 8.
- Mixing. R. H. Newton. 2,115,742; May 3.
- Mixing apparatus. L. L. Dollinger. 2,140,315; Dec. 13.
- Mixing apparatus. G. H. Haines. 2,137,083; Nov. 15.
- Mixing apparatus. A. D. MacLellan. 2,138,550; Nov. 29.
- Mixing and blending. R. Jackson. 2,112,848; Apr. 5.
- Mixing and kneading machine, Edge runner. L. and J. Elrich. 2,110,504; Mar. 8.
- Mixing and molding device. F. M. Troutner. 2,108,696; Feb. 15.
- Mixing apparatus. J. M. Flynn. 2,104,191; Jan. 4.
- Mixing apparatus. R. J. Stewart. 2,117,226; May 10.
- Mixing apparatus for fluids, Temperature regulating. A. Costa de Beauregard. 2,127,162; Aug. 16.
- Mixing device for preparing mixtures such as mayonnaise and salad dressing. W. A. McLean. 2,125,455; Aug. 2.
- Mixing machine. H. G. Day. 2,113,914; Apr. 12.
- Mixing machine. J. P. Martin. 2,112,992; Apr. 5.
- Mixing machine. F. A. Schierz. 2,118,374; May 31.
- Mixing machine. L. J. Sisley and F. J. White. 2,108,999; Feb. 22.
- Mixing valve. R. H. Zinkil and E. A. Fredrickson. 2,116,806; May 10.
- Mixing valve, Thermostatically controlled. J. E. Dube. 2,141,520; Dec. 27.
- Mixture control for internal combustion engines. G. R. Sisson. 2,127,653; Aug. 23.
- Mixtures containing bituminous dispersions, Making. L. Kirschbraun. 2,128,464; Aug. 30.
- Mixtures for narcosis, Method and device for humidifying. E. Siltén. 2,116,328; May 3.
- Mixtures of dyestuffs. R. Grether. 2,118,192; May 31.
- Mixtures of the ester type, Separating high molecular. A. Schaafsma. 2,118,154; May 31.
- Mixtures, Separating high molecular. O. H. Milmore. 2,130,147; Sept. 13.
- Mobile merchandising device. J. E. Heckert. 2,121,756; June 21.
- Mocasin. L. W. Simister. 2,108,415; Feb. 15.
- Model. P. Copeland and L. L. Greneker. 2,117,081; May 10.
- Model. C. G. Fisher. 2,136,006; Nov. 8.
- Model, Demonstration. F. Wahlberg. 2,132,226; Oct. 4.
- Model former, Orthodontic. A. J. Oliver. 2,122,213; June 28.
- Model, House. E. Bolhuis. 2,118,338; May 24.



- Model positioning means for grading machines. L. L. Faunce. 2,116,108; May 3.
- Model tire wheel. F. J. Merz, Jr., C. B. Merry, and G. B. Merz. 2,113,031; Apr. 5.
- Models for shoes, Making last. W. M. Biddle. 2,140,505; Dec. 20.
- Modulating and amplifying system, High efficiency. R. B. Dome. 2,138,653; Nov. 29.
- Modulating means for cathode ray tubes. F. H. Nicoll. 2,112,378; Mar. 29.
- Modulating system. R. S. Caruthers. 2,116,559; May 10.
- Modulation. I. E. Mourmoutseff and H. N. Kozanowski. 2,130,893; Sept. 20.
- Modulation. G. L. Usselman. 2,105,678; Jan. 18.
- Modulation circuit. D. E. Harnett. 2,110,664; Mar. 8.
- Modulation, Frequency or phase. D. G. C. Luck. 2,113,214; Apr. 5.
- Modulation meter. J. Bähler. 2,119,194; May 31.
- Modulation system. J. D. Durkee and E. H. Yonkers. 2,118,040; May 24.
- Modulation system. R. H. George. 2,128,643; Aug. 30.
- Modulation system. H. E. Hollmann. 2,104,541; Jan. 4.
- Modulation system. B. Trevor. 2,136,479; Nov. 15.
- Modulation system for ultra-short waves. J. G. Chaffee. 2,129,820; Sept. 13.
- Modulator. S. Ballantine. 2,120,882; June 14.
- Modulator. H. Bendel. 2,136,606; Nov. 15.
- Modulator. G. L. Usselman. 2,134,065; Oct. 25.
- Modulator for high frequency oscillators. E. G. Linder. 2,139,238; Dec. 6.
- Moistener. W. E. Rosebush. 2,136,468; Nov. 15.
- Moistener for duplicating machines. S. Kokay. 2,129,179; Sept. 6.
- Moistening device. E. M. Brooks. 2,117,272; May 17.
- Moistening device. J. M. Heuer. 2,126,959; Aug. 16.
- Moistening device. W. H. Wheeler, Jr., J. W. Ogden, and F. J. Rouan. 2,141,258; Dec. 27.
- Moistening process. Vacuum. M. A. Hirschl and C. J. Merriam. 2,139,681; Dec. 13.
- Moisture and moisture vaporproof papers, Manufacturing. W. H. Bryce. 2,118,152; May 24.
- Moisture content of substances, Apparatus for determining the. C. L. Burdick. 2,105,683; Jan. 18.
- Moisture control system. F. C. Stamm. 2,142,037; Dec. 27.
- Moisture eliminator. J. H. Gerhardt, W. W. Williams, and C. B. Dempster. 2,115,221; Apr. 26.
- Moisture from steam in steam turbines, Draining. H. van Tongeren. 2,111,878; Mar. 22.
- Moistureproof composition and preparation thereof. V. Voorhees. 2,132,711; Oct. 11.
- Moistureproofing. E. B. Beale. 2,116,184; May 3.
- Moistureproofing. F. P. McCall. 2,109,749; Mar. 1.
- Moistureproofing process and product produced therefrom. H. J. Barrett. 2,137,636; Nov. 22.
- Molasses and sirup liquid products and making the same, Nonsticky. L. W. Lewis. 2,105,745; Jan. 18.
- Molasses feed combined grinding and mixing mill. A. M. Dellinger. 2,125,993; Aug. 9.
- Molasses fermentation. Beet. D. A. Legg and N. R. Tarvin. 2,107,262; Feb. 1.
- Molasses, Fermentation of beet. D. A. Legg and N. R. Tarvin. 2,107,261; Feb. 1.
- Mold: See—
- Baker's mold. Piston mold.
- Butter mold. Pottery mold.
- Casting mold. Press mold.
- Ingot mold. Stereotype plate casting mold.
- Metal mold.
- Permanent mold.
- Mold. D. J. Campbell. 2,127,204; Aug. 16.
- Mold. S. T. Campbell. 2,133,019; Oct. 11.
- Mold. A. W. Laird. 2,121,969; June 28.
- Mold. H. E. McWane. 2,134,829; Nov. 1.
- Mold. C. A. Menzel. 2,121,439; June 21.
- Mold. C. E. Williams and C. H. Lorig. 2,116,483; May 3.
- Mold adjusting means for glass shaping machines. E. P. Dorman. 2,137,714; Nov. 22.
- Mold and forming faced building units, Building block. M. W. Bradbyer. 2,124,759; July 26.
- Mold and making same. W. H. Owen. 2,120,526; June 4.
- Mold and making same, Vulcanizing. A. W. Gay. 2,120,700; June 14.
- Mold and making the same. F. Louisot. 2,129,697; Sept. 13.
- Mold construction. H. E. McWane. 2,118,764; May 24.
- Mold cooling device for line casting machines. C. C. Cox and E. L. Purdy. 2,126,536; Aug. 9.
- Mold for casting ingots, Metal. S. H. Griffiths. 2,110,063; Mar. 1.
- Mold for centrifugal casting. R. Ardelt. 2,130,726; Sept. 20.
- Mold for concrete walls or the like. A. J. Schwarzler. 2,107,427; Feb. 8.
- Mold for manufacture of brake drums. D. J. Campbell and C. W. Duke. 2,138,624; Nov. 29.
- Mold for parts of knitting machinery. J. Morton. 2,120,502; June 14.
- Mold for plastic materials and making the same. A. O. Fuhrmann. 2,129,268; Sept. 6.
- Mold for presses. H. B. Klippel and C. H. Sorrick, Jr. 2,120,282; June 14.
- Mold for shoe counter. L. F. Exley. 2,116,940; May 10.
- Mold for the manufacture of articles of glass in combination with plastic materials. L. J.-B. Forbes. 2,137,472; Nov. 22.
- Mold form apparatus. W. A. Jennings. 2,117,560; May 17.
- Mold growth, Stimulation of. W. S. Hinegardner. 2,116,517; May 10.
- Mold machine for making tappets, Permanent. J. L. Dostal. 2,115,384; Apr. 26.
- Mold plug. A. C. Estep. 2,113,445; Apr. 5.
- Mold structure. J. T. Sentrop. 2,121,450; June 21.
- Mold structure, Confectionery. J. J. Jensen. 2,141,365; Mar. 15.
- Moldable compositions. J. E. Weelands. 2,120,585; June 14.
- Moldable compositions, Production of. F. Pollak. 2,134,235; Oct. 25.
- Molded composition. K. M. Irey. 2,134,760; Nov. 1.
- Molding. L. Lamer. 2,140,234; Dec. 13.
- Molding apparatus. O. Bischof. 2,138,470; Nov. 29.
- Molding apparatus. D. J. Campbell. 2,122,022; June 28.
- Molding apparatus. A. Eichengrün. 2,110,570; Mar. 8.
- Molding, Apparatus for. S. Gattuso. 2,136,432; Nov. 15.
- Molding by sand-blowing. C. Billand. 2,107,814; Feb. 8.
- Molding composition. E. H. G. Sargent. 2,129,749; Sept. 13.
- Molding composition and making same. L. C. Gustin and R. F. Hoflin. 2,114,300; Apr. 19.
- Molding composition and making same, Composite. C. Ellis, Jr. 2,125,776; Aug. 2.
- Molding composition and making same, Urea resin type. C. Ellis. 2,126,677; Aug. 9.
- Molding composition of urea resin and modifying agent, and process of making same. C. Ellis. 2,121,076; June 21.
- Molding compositions. M. L. Macht. 2,109,594; Mar. 1.
- Molding compositions and producing the same. F. E. Frey and P. A. Bury. 2,118,813; May 31.
- Molding compositions, Cellulose acetate. M. L. Macht and D. A. Fletcher. 2,109,593; Mar. 1.
- Molding compositions, Producing. L. Smidth. 2,140,560; Dec. 20.
- Molding, Conduit. A. H. Tashjian. 2,107,915; Feb. 8.
- Molding construction and the like, Metallic. G. A. Tinnerman. 2,140,887; Dec. 20.
- Molding, Cove base. F. J. Borkenstein. 2,111,922; Mar. 22.
- Molding device. H. L. Decker. 2,124,733; July 26.
- Molding fastener. B. C. Place. 2,117,571; May 17.
- Molding for upholstery, Finishing. J. I. Hamm. 2,117,883; May 17.
- Molding, Foundry. D. J. Campbell. 2,138,623; Nov. 29.
- Molding machine. D. J. Campbell. 2,131,935; Oct. 4.
- Molding machine. E. A. Corbin. 2,112,830; Apr. 5.
- Molding machine. E. A. Corbin, Jr. 2,126,738; Aug. 16.
- Molding machine. J. L. Fairrie. 2,117,156; May 10.
- Molding machine. J. Flammang and P. L. Bowser. 2,129,351; Sept. 6.
- Molding machine. L. C. Goad, R. Haubursin, and E. W. Beckman. 2,129,127; Sept. 6.
- Molding machine. H. L. Jeffery. 2,111,857; Mar. 22.
- Molding machine. J. J. Lawlor. 2,111,564; Mar. 22.
- Molding machine. O. Onsrud. 2,133,331; Oct. 18.
- Molding machine. C. D. Ryder. 2,115,590; Apr. 26.
- Molding machine. F. T. Spikerman and E. F. Oyster. 2,138,410; Nov. 29.
- Molding machine. F. R. Wallace. 2,135,370; Nov. 1.
- Molding machine. R. H. Wiehsner. 2,135,372; Nov. 1.
- Molding machine for plastics. F. A. Novak and H. B. Harn. 2,141,195; Dec. 27.
- Molding mechanism. C. W. Goodwin. 2,118,080; May 24.
- Molding or the like, Securing. J. P. Lavigne. 2,124,252; July 19.
- Molding, Outlet. A. A. Steinmetz. 2,117,773; May 17.
- Molding press, Plastic extrusion. V. S. Shaw. 2,107,190; Feb. 1.
- Molding, Pressure. A. M. Howald. 2,128,534; Aug. 30.
- Molding retainer clip. J. H. Van Uum. 2,139,567; Dec. 6.
- Moldings, etc., Mounting of. E. Q. Smith. 2,118,800; May 24.
- Molds and cores, Process and product for coating. C. M. Saeger, Jr. 2,127,534; Aug. 23.
- Molds, Apparatus for coating. D. J. Campbell and A. G. Anderson. 2,106,701; Feb. 1.
- Molds, Apparatus for forming. J. E. Batie. 2,107,923; Feb. 8.
- Molds, Apparatus for vibrating ingot. B. M. Fine. 2,109,528; Mar. 1.
- Molds for shoes, Making inner. C. K. MacDonald. 2,138,974; Dec. 6.
- Molds, Forming glass. W. V. Fisher. 2,110,360; Mar. 8.
- Molds, Making. H. Assbroicher and K. Huff. 2,120,881; June 14.
- Molds, Making metal foundry sand. V. Stobie. 2,122,825; July 5.
- Molds, Method and apparatus for coating. N. F. S. Russell, F. C. Langenberg, and H. S. Hunt. 2,128,327; Aug. 30.
- Molds, Method and apparatus for making. A. T. Jeffery. 2,112,910; Apr. 5.
- Molds, Method and machine for manufacturing undercut sand. F. H. Le Jeune. 2,109,922; Mar. 1.



- Molecular compounds and preparing them. J. Eisenbrand and M. Seinz. 2,140,989; Dec. 20.
- Molten baths, Method and apparatus for determining the temperature of. W. E. Shenk, and B. M. Larsen. 2,127,889; Aug. 23.
- Molten materials, Apparatus for the solidifying or casting of. J. L. Stecher. 2,134,091; Oct. 25.
- Molten metal pump. F. Lannert. 2,110,379; Mar. 8.
- Molybdenum, Alloying. A. Linz. 2,134,617; Oct. 25.
- Molybdenum alloys, Producing. A. Linz. 2,134,616; Oct. 25.
- Molybdenum sulphide, Recovery of catalytically active. W. H. Jones. 2,112,292; Mar. 29.
- Money carrier. W. C. Voss. 2,137,429; Nov. 22.
- Money counting mechanism, Paper. F. J. Callen. 2,107,977; Feb. 8.
- Monitor. C. Protze. 2,107,425; Feb. 8.
- Monitor or nozzle, Mining. Y. L. Chew. 2,111,553; Mar. 22.
- Mono-alkyl-chlorophenols. E. Klarmann. 2,139,550; Dec. 6.
- Monoazo compounds. M. A. Dahlen and F. Zwilmeyer. 2,135,965; Nov. 8.
- Monoazo compounds and their production. H. Ohlendorf, E. Baumann, and K. Holzach. 2,109,182; Feb. 22.
- Mono-azodyestuffs insoluble in water. E. Fischer. 2,111,890; Mar. 22.
- Monocable aerial tramway system. L. J. Vogel. 2,116,226; May 3.
- Monocycle. J. Rose. 2,107,766; Feb. 8.
- Monogram construction. R. C. Bangs. 2,107,684; Feb. 8.
- Monogram to a base material, Adhering a. C. Dreyfus. 2,126,757; Aug. 16.
- Monograms, ornaments, and the like. O. F. Meissner. 2,123,704; July 12.
- Mononitroalkylanilines, mononitroalkylacylanilines and derivatives thereof and their manufacture. S. Coffey and N. H. Haddock. 2,118,494; May 24.
- Monument, Transparent grave. F. H. Long. 2,124,143; July 19.
- Mop. W. G. Bailey. 2,139,399; Dec. 6.
- Mop. W. G. Bailey. 2,141,336; Dec. 27.
- Mop. J. Glover. 2,121,912; June 28.
- Mop. D. H. Hasse. 2,122,743; July 5.
- Mop. R. F. Henn. 2,112,158; Mar. 22.
- Mop. W. A. Lamkey. 2,141,994; Dec. 27.
- Mop. N. C. Richardson and R. B. Pekor. 2,123,805; July 12.
- Mop. K. S. Rogers. 2,108,727; Feb. 15.
- Mop. W. T. Whitaker. 2,134,990; Nov. 1.
- Mop cleaner. C. O. Dickinson. 2,121,426; June 21.
- Mop connector. E. C. Aubitz. 2,116,375; May 3.
- Mop control, Fountain. L. C. Byars. 2,129,816; Sept. 13.
- Mop holder. S. C. Lawlor. 2,109,335; Feb. 22.
- Mop holder. E. E. Mason. 2,116,441; May 3.
- Mop holder. E. Preisser. 2,104,531; Jan. 4.
- Mop holder. W. H. Welch. 2,137,317; Nov. 22.
- Mop, Paper. A. C. Stepan. 2,137,958; Nov. 22.
- Mop, Polishing. W. G. Bailey. 2,141,335; Dec. 27.
- Mop renovator. A. D. Sund. 2,108,352; Feb. 15.
- Mop, Self-shaking dust. J. C. Finrock. 2,104,614; Jan. 4.
- Mop, Universal utility extension. C. F. Guggenbuehler. 2,134,301; Oct. 25.
- Mop wringing device. E. Pavsek. 2,127,045; Aug. 16.
- Mops and the like, Manufacturing. P. M. Rogers. 2,122,623; July 5.
- Morphine and codeine, Obtaining. A. Frey and H. M. West. 2,132,945; Oct. 11.
- Morpholine and certain homologues thereof, Manufacture of. A. L. Wilson. 2,129,805; Sept. 13.
- Mortar, Muzzle loading miniature. M. D. Keyser. 2,131,048; Sept. 27.
- Mortaring device. A. L. Ezell. 2,115,142; Apr. 26.
- Mosaic and translucent surface. B. C. Gardner. 2,123,412; July 12.
- Moth prevention. M. S. Galler. 2,111,025; Mar. 15.
- Mothproof cabinet. G. Rottman. 2,127,963; Aug. 23.
- Mothproofing agent. L. E. Mills and W. W. Allen. 2,134,001; Oct. 25.
- Mothproofing composition. H. Martin and R. Hirt. 2,123,572; July 12.
- Motion analyzing and recording apparatus. C. S. Janes. 2,120,703; June 14.
- Motion checking apparatus. W. B. Eddison. 2,121,773; June 28.
- Motion, Device for transmitting. G. R. Cassagne. 2,108,366; Feb. 15.
- Motion indicator and velocity meter. L. A. De Blois. 2,136,991; Nov. 15.
- Motion into interrupted motion, Apparatus for converting continuous. P. G. Edwards. 2,107,373; Feb. 8.
- Motion picture screen. A. B. Hurley. 2,133,097; Oct. 11.
- Motion producing apparatus, Vibratory. W. T. Welch. 2,127,317; Aug. 16.
- Motion reproducing mechanism. A. P. Davis. 2,114,248; Apr. 12.
- Motion retarding device. E. O. Thompson. 2,115,656; Apr. 26.
- Motion-transmission mechanism, Precision. S. M. Ransome. 2,109,033; Feb. 22.
- Motion transmitting device, Mechanical. F. Schöbel and P. Schubert. 2,106,041; Jan. 18.
- Motion transmitting devices by comparing torques, Measuring system for determining the efficiency of rotary. H. F. von Thüngen. 2,126,157; Aug. 9.
- Motion transmitting system, Rotary. H. Gawehn. 2,140,380; Dec. 13.
- Motor: See—
- Alternating current motor. Self-starting inductor motor.
- Ball bearing motor.
- Compressed air motor.
- Current motor.
- Electric motor.
- Fluid motor.
- Fluid pressure motor.
- Fluid velocity vibratory motor.
- Hydraulic motor.
- Hydromechanical motor.
- Induction motor.
- Internal combustion motor.
- Magnetic motor.
- Marine electric motor.
- Marine steering gear motor.
- Outboard motor.
- Pressure fluid motor.
- Proportioning motor.
- Reciprocating motor.
- Reversible motor.
- Rotary motor.
- Self-starting inductor motor.
- Self-starting synchronous motor.
- Servo-motor.
- Small synchronous motor.
- Spinner motor.
- Split phase motor.
- Submerged motor.
- Submersible motor.
- Suction motor.
- Synchronous electric motor.
- Synchronous motor.
- Tide motor.
- Time motor.
- Vapor motor.
- Vibrating motor.
- Water cooled motor.
- Water motor.
- Wave motor.
- Wind motor.
- Windshield cleaner motor.
- Motor. H. Coanda. 2,131,472; Sept. 27.
- Motor. I. P. Haring. 2,134,786; Nov. 1.
- Motor. C. G. Kronmiller. 2,120,427; June 14.
- Motor. T. O. Liles. 2,130,691; Sept. 20.
- Motor. W. P. Valentine. 2,137,551; Nov. 22.
- Motor and controlling the same, Electric. E. D. Williamson. 2,117,642; May 17.
- Motor and locking means therefor, Fluid pressure. A. Gnani. 2,130,618; Sept. 20.
- Motor and support therefor, Electric. F. D. Matthews. 2,137,921; Nov. 22.
- Motor and transmission mounting, Combined. W. T. Dunn. 2,129,829; Sept. 13.
- Motor assembly, Outboard. O. C. Lanthwaite. 2,118,209; May 24.
- Motor attachment, Automobile. L. G. Rondelle. 2,119,027; May 31.
- Motor attachment for faucets, Water. W. O. Roberts. 2,137,951; Nov. 22.
- Motor-block stand. W. G. Vollmer. 2,106,367; Jan. 25.
- Motor car. W. Häcker. 2,104,539; Jan. 4.
- Motor-compressor arrangement. F. Schmidt. 2,124,433; July 19.
- Motor compressor of the free piston type. H. Jänicke. 2,108,890; Feb. 22.
- Motor compressor unit. E. Silten. 2,133,179; Oct. 11.
- Motor-compressor unit for a refrigerating machine. C. Steenstrup. 2,130,862; Sept. 20.
- Motor-compressor unit for refrigerating apparatus. F. L. Tarleton. 2,141,053; Dec. 20.
- Motor-compressor unit for refrigeration. A. A. Kucher. 2,130,349; Sept. 20.
- Motor construction. F. W. Cotterman. 2,123,933; July 19.
- Motor construction. W. J. Oesterlein. 2,114,907; Apr. 19.
- Motor control. G. F. Drake. 2,123,182; July 12.
- Motor control. I. O. Miner. 2,119,715; June 7.
- Motor control. G. C. Pearce. 2,105,005; Jan. 11.
- Motor control. E. Stoner. 2,140,564; Dec. 20.
- Motor control, Electric. R. G. Lockett. 2,137,534; Nov. 22.
- Motor control, Emergency stop-and-reverse. J. H. Belknap. 2,130,832; Sept. 20.
- Motor control equipment, Electric. W. T. Gray. 2,131,588; Sept. 27.
- Motor control, Method and system of. F. D. Davis and B. J. Wilson. 2,119,305; May 31.
- Motor control system. B. O. Austin. 2,134,545; Oct. 25.
- Motor control system. B. O. Austin and N. H. Wilby. 2,128,034; Aug. 23.
- Motor control system. N. D. Cooper. 2,121,586; June 21.
- Motor control system. L. L. Cunningham. 2,104,972; Jan. 11.
- Motor control system. W. F. Eames. 2,121,588; June 21.
- Motor control system. S. C. Ewing. 2,109,370; Feb. 22.
- Motor control system. B. M. Horter. 2,108,313; Feb. 15.
- Motor control system. R. W. Jones. 2,104,654; Jan. 4.
- Motor control system. J. E. Jones. 2,137,771; Nov. 22.
- Motor control system. G. F. Loring. 2,136,696; Nov. 15.
- Motor control system. W. H. Leslie. 2,111,269; Mar. 15.
- Motor control system. C. H. Ramsey. 2,126,812; Aug. 16.
- Motor control system. L. G. Riley. 2,130,868; Sept. 20.
- Motor control system. F. D. Snyder. 2,106,878; Feb. 1.
- Motor control system. W. M. Young. 2,115,531; May 3.
- Motor control system. J. H. Zwickel. 2,119,005; May 31.
- Motor control system, Electric. W. T. Gray. 2,129,494; Dec. 6.
- Motor control system, Electric traction. F. L. Mardis and E. A. Binney. 2,121,605; June 21.
- Motor control, Systems of electric. R. Adkins. 2,120,848; June 14.
- Motor control valve. H. S. Achenman. 2,123,519; July 12.



- Motor controller, Screw down. D. C. Wright and H. L. Wilcox. 2,106,965; Feb. 1.
- Motor device, Vibratory. E. L. Barrett. 2,120,273; June 14.
- Motor drive, Self-reversing. A. F. Welch. 2,105,514; Jan. 18.
- Motor drive unit for cameras. J. Mihalyl. 2,135,984; Nov. 8.
- Motor-drive vehicle. M. Wagner. 2,135,314; Nov. 1.
- Motor driven device and controlling same. E. D. Williamson. 2,128,598; Aug. 30.
- Motor driven switch. R. Pudelko. 2,112,044; Mar. 22.
- Motor-driven vehicle. M. Balz. 2,126,085; Aug. 9.
- Motor driving and braking system, Induction. J. J. Mellon. 2,118,219; May 24.
- Motor for deep-boring mechanisms, Hydraulic. T. Seifer. 2,108,947; Feb. 22.
- Motor for electric clocks and the like and making the same. Self-starting. R. H. Whitehead. 2,116,256; May 3.
- Motor for electric clocks and the like, Synchronous. F. R. Borgfeldt. 2,138,442; Nov. 29.
- Motor for motor vehicles, Generator and/or starting. J. Kales. 2,104,259; Jan. 4.
- Motor for mounting for exhaust fans and the like. H. C. Hueglin. 2,130,497; Sept. 20.
- Motor for operating a fluid sprinkling system. J. Rust and A. Dyksterhuis. 2,124,797; July 26.
- Motor for operating a pump, Vacuum. J. J. Ryan. 2,125,463; Aug. 2.
- Motor for operating a vibratory jack. E. B. Thompson. 2,128,441; Aug. 30.
- Motor for rewinding clocks or like apparatus, Thernal. J. L. Reutter. 2,117,211; May 10.
- Motor lubricating system. I. A. Walters. 2,132,589; Oct. 11.
- Motor means for fabric pressing machines. E. Davis. 2,115,414; Apr. 26.
- Motor mechanism and control switch therefor, Combined. R. D. Conklin. 2,130,764; Sept. 20.
- Motor mounting. E. M. Pielt. 2,126,919; Aug. 16.
- Motor mounting. C. E. Summers. 2,108,515; Feb. 15.
- Motor mounting, Electric. E. C. Ballman. 2,135,785; Nov. 8.
- Motor mounting for pumps. T. E. Cline and R. E. Tipton. 2,139,113; Dec. 6.
- Motor powering system. C. C. Parrish. 2,108,388; Feb. 15.
- Motor propelled vehicle. J. G. Tingle. 2,141,568; Dec. 27.
- Motor protection device. B. S. Aikman. 2,137,221; Nov. 22.
- Motor protective device. G. G. Landis. 2,105,603; Jan. 18.
- Motor pump, Semisubmersible. A. Hollander. 2,138,032; Nov. 29.
- Motor-rail vehicle. M. A. Luce. 2,116,525; May 10.
- Motor speed control means, Synchronous. C. J. Young. 2,113,165; Apr. 5.
- Motor starting control system. R. H. Wright. 2,125,140; July 26.
- Motor starting device for telegraph apparatus, Automatic electric. R. G. Griffith. 2,112,773; Mar. 29.
- Motor starting system. N. H. Saunders. 2,108,143; Feb. 15.
- Motor suspension. E. K. Benedek. 2,123,226; July 12.
- Motor system, Constant current. J. M. Pestarini. 2,115,536; Apr. 26.
- Motor vehicle. E. L. Bare. 2,138,084; Nov. 29.
- Motor vehicle. G. D. Barnett. 2,127,321; Aug. 16.
- Motor vehicle. F. C. Best. 2,104,182; Jan. 4.
- Motor vehicle. F. C. Best. 2,104,723; Jan. 11.
- Motor vehicle. F. C. Best. 2,107,593; Feb. 8.
- Motor vehicle. F. C. Best. 2,112,133; Mar. 22.
- Motor vehicle. F. C. Best. 2,112,981; Apr. 5.
- Motor vehicle. F. C. Best. 2,121,007; June 21.
- Motor vehicle. F. C. Best. 2,126,943; Aug. 16.
- Motor vehicle. F. C. Best. 2,132,926; Oct. 11.
- Motor vehicle. F. C. Best. 2,133,652; Oct. 18.
- Motor vehicle. F. C. Best. 2,136,271; Nov. 8.
- Motor vehicle. F. E. Dayes. 2,139,807; Dec. 13.
- Motor vehicle. H. Ford. 2,123,005; July 5.
- Motor vehicle. W. R. Griswold. 2,106,841; Feb. 1.
- Motor vehicle. W. R. Griswold. 2,135,477; Nov. 1.
- Motor vehicle. J. Hammerl. 2,107,115; Feb. 1.
- Motor vehicle. R. T. Hendrickson. 2,111,184; Mar. 15.
- Motor vehicle. R. T. Hendrickson. 2,112,811; Mar. 29.
- Motor vehicle. A. G. Herreshoff. 2,123,335; July 12.
- Motor vehicle. H. A. Hicks. 2,139,750; Dec. 13.
- Motor vehicle. H. Hierta. 2,123,055; July 12.
- Motor vehicle. E. C. Horton. 2,138,236; Nov. 29.
- Motor vehicle. R. S. Kellogg. 2,138,104; Nov. 29.
- Motor vehicle. V. W. Klesrath. 2,111,563; Mar. 22.
- Motor vehicle. J. Kolbe. 2,116,027; May 3.
- Motor vehicle. H. Krebs. 2,117,434; May 17.
- Motor vehicle. H. Ledwinka. 2,127,411; Aug. 16.
- Motor vehicle. R. K. Lee. 2,105,742; Jan. 18.
- Motor vehicle. O. M. Mikesell. 2,136,978; Nov. 15.
- Motor vehicle. P. N. Miller. 2,137,726; Nov. 22.
- Motor vehicle. A. Moorhouse. 2,128,660; Aug. 30.
- Motor vehicle. E. A. Nelson. 2,138,114; Nov. 29.
- Motor vehicle. C. R. Paton. 2,105,369; Jan. 11.
- Motor vehicle. C. R. Paton. 2,106,874; Feb. 1.
- Motor vehicle. C. R. Paton. 2,107,082; Feb. 1.
- Motor vehicle. C. R. Paton. 2,113,094; Apr. 5.
- Motor vehicle. C. R. Paton. 2,126,498; Aug. 9.
- Motor vehicle. C. R. Paton. 2,129,232; Sept. 6.
- Motor vehicle. F. F. Rossmann. 2,123,315; July 12.
- Motor vehicle. E. F. Salsbury. 2,111,691; Mar. 22.
- Motor vehicle. R. Slaby. 2,105,434; Jan. 11.
- Motor vehicle. F. W. Slack. 2,115,918; May 3.
- Motor vehicle. R. J. Thomas. 2,136,157; Nov. 8.
- Motor vehicle. M. Tibbetts. 2,105,936; Jan. 18.
- Motor vehicle. M. Tibbetts. 2,106,195; Jan. 25.
- Motor vehicle. M. Tibbetts. 2,114,788; Apr. 19.
- Motor vehicle. M. Tibbetts. 2,119,656; June 7.
- Motor vehicle. M. Tibbetts. 2,139,391; Dec. 6.
- Motor vehicle. J. G. Vincent. 2,138,463; Nov. 29.
- Motor vehicle. B. Walker. 2,131,306; Sept. 27.
- Motor vehicle. B. Walker. 2,136,570; Nov. 15.
- Motor vehicle. B. Walker. 2,139,341; Dec. 6.
- Motor vehicle. T. E. M. Wheat. 2,128,804; Sept. 13.
- Motor vehicle. A. M. Wolf. 2,132,450; Oct. 11.
- Motor vehicle brake. P. F. Rossmann. 2,119,650; June 7.
- Motor vehicle frame. T. E. M. Wheat. 2,108,279; Feb. 15.
- Motor vehicle latch. M. Tibbetts. 2,137,733; Nov. 22.
- Motor vehicle, Rear-drive. L. A. Mallett. 2,124,166; July 19.
- Motor working in a bore hole by means of a rinsing liquid. T. Seifer. 2,131,392; Sept. 27.
- Motors, Apparatus for imparting shunt speed characteristics to polyphase commutator. A. S. Norcross. 2,135,260; Nov. 1.
- Motors, Control of alternating-current commutator. W. Stüber. 2,108,620; Feb. 15.
- Motors, Control of electric. E. C. Barwick. 2,122,273; June 28.
- Motors, Improving the commutation of commutator. B. Schwarz. 2,112,506; Mar. 29.
- Motors, Operating shaded pole. G. W. and W. P. Crise. 2,134,685; Nov. 1.
- Motors, Speed control of. L. H. Von Ohlsen. 2,134,900; Nov. 1.
- Motors, Starting electric. A. H. Lauder and D. R. Shoults. 2,123,055; July 5.
- Motors, Starting of thyatron. A. H. Mittag. 2,130,890; Sept. 20.
- Mount, Abrasive wheel. T. Larsson. 2,115,683; Apr. 26.
- Mount, Electrode. N. R. Smith. 2,115,934; May 3.
- Mount, Engine. R. D. Carleton. 2,109,329; Feb. 22.
- Mount, Engine. E. P. and L. J. Renaux. 2,123,578; July 12.
- Mount for automobile wheels, Resilient. V. T. Palmer. 2,119,052; May 31.
- Mount for electric motors, Peripheral resilient. H. D. Geyer. 2,141,648; Dec. 27.
- Mount for electric motors, Resilient. H. D. Geyer. 2,113,020; Apr. 5.
- Mount for electron discharge devices. N. R. Smith. 2,113,005; Apr. 5.
- Mount for electron discharge devices. T. A. Sternberg. 2,113,952; Apr. 12.
- Mount for electron discharge devices. T. A. Sternberg. 2,116,224; May 3.
- Mount for films and the like. I. C. Rinn. 2,127,940; Aug. 23.
- Mount for firearm sights, Removable. F. F. Burton. 2,123,273; July 12.
- Mount for sound heads, Unitary. E. Ross and P. Haas. 2,111,806; Mar. 22.
- Mount for telescopic rifle sights. G. K. Turner. 2,125,828; Aug. 2.
- Mount for transparencies. D. A. Young, Jr. 2,132,670; Oct. 11.
- Mount, Gun. G. E. Barnhart. 2,135,959; Nov. 8.
- Mount, Gun sight. S. T. Smith. 2,117,634; May 17.
- Mount, Jewel. J. V. Schafer. 2,109,035; Feb. 22.
- Mount, Lens. K. Nüchterlein. 2,136,149; Nov. 8.
- Mount means, Yieldable. A. P. Armstrong. 2,128,216; Aug. 30.
- Mount, Radio tube. H. M. Gaun. 2,118,668; May 24.
- Mount, Reflector button. H. R. Johnson. 2,109,824; Mar. 1.
- Mount, Resilient engine. H. D. Geyer. 2,115,458; Apr. 26.
- Mount, Resilient engine. S. Gluhareff. 2,121,429; June 21.
- Mount, Retractable gun. J. C. Sanders. 2,105,055; Jan. 11.
- Mount, Rifle telescope. J. H. Carl. 2,115,618; Apr. 26.
- Mount, Stamp display. F. E. Collin. 2,127,677; Aug. 23.
- Mounting: See—
- Aeroplane mounting.
- Axle mounting.
- Burner mounting.
- Carriage mounting.
- Core barrel mounting.
- Crystal mounting.
- Cutter mounting.
- Differential mounting.
- Disk mounting.
- Drapery mounting.
- Electrical equipment mounting.
- Engine mounting.
- Eye-glass mounting.
- Four-wheel spring mounting.
- Furnace blower mounting.
- Fuse mounting.
- Garage door mounting.
- Gear case drive shaft mounting.
- Grinding wheel mounting.
- Handbag lock mounting.
- Headlight bulb mounting.
- Illuminated globe mounting.
- Instrument mounting.
- Lamp mounting.
- Lamp bulb mounting.
- Lighting unit mounting.
- Loud speaker mounting.



## Mounting: See—

- Mail box mounting.  
 Motor mounting.  
 Nose pad mounting.  
 Ophthalmic mounting.  
 Ornamental mounting.  
 Panel mounting.  
 Photograph mounting.  
 Piezoelectric crystal mounting.  
 Printing plate mounting.  
 Propeller mounting.  
 Propeller shaft mounting.  
 Reamer cutter mounting.  
 Resilient mounting.  
 Roller cutter mounting.  
 Sheave-block mounting.  
 Sign unit mounting.  
 Slip mounting.  
 Spectacle-temple mounting.  
 Spindle mounting.  
 Suspension mounting.  
 Tailboard mounting.  
 Tank mounting.  
 Telescopic sight mounting.  
 Tie mounting.  
 Toy aeroplane propeller mounting.  
 Trap mounting.  
 Tripod mounting.  
 Turret mounting.  
 Universal mounting.  
 Vehicle body mounting.  
 Vehicular mounting.  
 Water meter mounting.  
 Well bit cutter mounting.  
 Wheel mounting.
- Mounting. R. U. Clark. 2,140,441; Dec. 13.  
 Mounting. F. A. Fowler. 2,137,669; Nov. 22.  
 Mounting. L. I. Guion, Jr. 2,121,290; June 21.  
 Mounting and operating means therefor, Antiglare shield. M. H. Thode. 2,122,120; June 28.  
 Mounting apparatus. J. Uytendogaart. 2,129,283; Sept. 6.  
 Mounting device for tubular articles. W. R. Allen, III. 2,108,399; Feb. 15.  
 Mounting for absorbing vibrations, Resilient. W. C. Keys. 2,138,176; Nov. 29.  
 Mounting for a two-base electric tubular lamp. K. Wiegand. 2,120,121; June 7.  
 Mounting for air circulator devices. H. C. Hueglin. 2,129,933; Sept. 13.  
 Mounting for automobiles, Front wheel. C. Dickey. 2,111,111; Mar. 15.  
 Mounting for automobiles, Shock absorber. D. W. Sherman. 2,111,696; Mar. 22.  
 Mounting for carrying rollers on vehicles, Flexible. A. Kégresse. 2,111,475; Mar. 15.  
 Mounting for dial gauges, Crystal and bezel. W. Ames. 2,134,093; Oct. 25.  
 Mounting for doors and the like, Hinge. P. Etzel. 2,121,790; June 28.  
 Mounting for drillers, Sheave. J. A. Elmes. 2,117,084; May 10.  
 Mounting for dynamo-electric machines. E. L. Horning. 2,128,823; Aug. 30.  
 Mounting for electrical apparatus, Cable. M. Hedlund. 2,106,248; Jan. 25.  
 Mounting for electrical devices, Flush panel. R. N. Rowe. 2,138,408; Nov. 29.  
 Mounting for exhaust fans. H. C. Hueglin. 2,115,527; Apr. 26.  
 Mounting for hinges or the like. L. J. Kearney. 2,122,007; June 28.  
 Mounting for hydraulic motors, Cylinder. L. L. Schauer and J. H. McKewen. 2,108,781; Feb. 15.  
 Mounting for instruments, Chart. M. W. McConkey. 2,113,736; Apr. 12.  
 Mounting for instruments, Detachable. D. A. Young and P. MacGahan. 2,128,277; Aug. 30.  
 Mounting for mops, Display. R. F. Henn. 2,119,709; June 7.  
 Mounting for motors and generators, Resilient. H. J. Loftis. 2,127,979; Aug. 23.  
 Mounting for ophthalmic lenses. J. W. Smith. 2,123,385; July 12.  
 Mounting for outboard motors. A. E. Luders, Jr. 2,119,281; May 31.  
 Mounting for printing presses, Roller. T. M. Avery. 2,138,779; Nov. 29.  
 Mounting for pulley structures, Pivotal. W. D. Hamerstadt. 2,125,004; July 26.  
 Mounting for radio receivers and the like, Chassis. W. J. Snyder. 2,115,653; Apr. 26.  
 Mounting for recording instruments, Chart. G. W. Grisdale. 2,134,873; Nov. 1.  
 Mounting for reflector buttons, Chain. W. H. Searight. 2,131,123; Sept. 27.  
 Mounting for reflector buttons or the like. W. H. Barton. 2,131,364; Sept. 27.  
 Mounting for road working machines, Implement. J. J. Low. 2,107,123; Feb. 1.  
 Mounting for streamlined vehicles, Window. E. L. Helwig. 2,132,688; Oct. 11.  
 Mounting for textile machines, Spindle. W. R. Gordon. 2,118,302; May 24.  
 Mounting for tractors, Fuel tank. D. B. Baker, C. R. Rogers, and N. O. Panzgrau. 2,112,876; Apr. 5.  
 Mounting for tubular articles. W. R. Allen, III. 2,108,398; Feb. 15.  
 Mounting for vehicles, Fifth wheel. W. C. Sowle. 2,127,313; Aug. 16.  
 Mounting means. S. A. Brown. 2,115,569; Apr. 26.  
 Mounting means for enclosed electric devices. J. G. Jackson and R. H. Kingston. 2,105,421; Jan. 11.  
 Mounting means for enclosed electric devices. J. G. Jackson. 2,132,630; Oct. 11.  
 Mounting means for glass veneer. I. S. Leland. 2,104,085; Jan. 4.  
 Mounting means for lamps in headlights of automobiles. F. J. Watts. 2,121,310; June 21.  
 Mounting means for shading coils. F. J. Russell. 2,130,653; Sept. 20.  
 Mounting mechanism for vehicle bodies. I. N. Eustis. 2,138,484; Nov. 29.  
 Mounting of electric insulators. L. Thiry. 2,106,667; Jan. 25.  
 Mounting of radial cylinder engines. P. C. A. M. d'Aubarede. 2,118,550; May 24.  
 Mounting strip for lathe stays. E. F. Smith and G. K. Wilson. 2,124,966; July 26.  
 Mountings for guns and the like. M. J. Lobelle and E. Voss. 2,137,577; Nov. 22.  
 Mourning band attachment for wedding rings. J. W. Gittler. 2,128,644; Aug. 30.  
 Mouse trap. H. R. Graybill. 2,109,481; Mar. 1.  
 Mouthpiece for bottles or the like, Drinking. C. H. Smith. 2,107,309; Feb. 8.  
 Movement for operating signs, advertising devices, and the like. A. S. Waddington. 2,131,340; Sept. 27.  
 Movement restraining means. M. B. Cameron. 2,128,037; Aug. 23.  
 Mower. C. F. Crumb and S. E. Hilblom. 2,138,536; Nov. 29.  
 Mower. C. L. Meinholdt. 2,105,125; Jan. 11.  
 Mower. J. M. Noel. 2,114,096; Apr. 12.  
 Mower. B. H. Urschel. 2,121,749; June 21.  
 Mower construction, Lawn. T. B. Funk. 2,138,786; Nov. 29.  
 Mower, Extensible gang lawn. A. F. Moyer. 2,139,200; Dec. 6.  
 Mower hitch, Lawn. H. L. Blydenburgh. 2,130,116; Sept. 13.  
 Mower, Lawn. T. D. Bateson. 2,117,393; May 17.  
 Mower, Lawn. W. F. H. Braun. 2,119,874; June 7.  
 Mower, Lawn. B. C. Caudry. 2,113,191; Apr. 5.  
 Mower, Lawn. F. T. Farmer and S. D. Loud. 2,121,219; June 21.  
 Mower, Lawn. C. L. Huth. 2,106,098; Jan. 18.  
 Mower, Lawn. J. C. Mable. 2,110,147; Mar. 8.  
 Mower, Lawn. M. Pocięcha. 2,110,071; Mar. 1.  
 Mower, Lawn. G. M. Smith. 2,121,451; June 21.  
 Mower, Lawn. K. P. Willis. 2,114,436; Apr. 19.  
 Mower, Lawn. E. H. Worthington. 2,111,016; Mar. 15.  
 Mower, Multiple rotary. P. J. Flammang. 2,134,115; Oct. 25.  
 Mower, Power driven lawn. F. Herge. 2,133,512; Oct. 18.  
 Mower with side cutter units, Power lawn. J. B. Pol and W. F. Krencke. 2,104,719; Jan. 4.  
 Mowers, Adjusting cutting heights of lawn. K. Ostberg. 2,140,760; Dec. 20.  
 Mowers, Attachment for lawn. C. T. Fish. 2,104,343; Jan. 4.  
 Mowing apparatus. L. J. Lubins. 2,122,692; July 5.  
 Mowing attachment for motor vehicles. M. Rowlison. 2,122,755; July 5.  
 Mowing machine. A. S. Cambridge. 2,114,210; Apr. 12.  
 Mowing machine. A. S. Cambridge. 2,127,053; Aug. 16.  
 Mowing machine. G. A. Leitch. 2,106,641; Jan. 25.  
 Mowing machine. I. J. Richards. 2,124,632; July 26.  
 Mowing machine attachment for tractors. W. and H. Jensen. 2,120,671; June 14.  
 Mowing machine, Ditch bank. J. H. Marchek. 2,139,310; Dec. 6.  
 Mowing machines, Attachment for. W. Gaterman. 2,121,428; June 21.  
 Mowing machines, Seed saving attachment for. F. Sells. 2,134,239; Oct. 25.  
 Mucilage applicator and spreader. E. S. Jones. 2,110,507; Mar. 8.  
 Mucinous substances, Preparing. P. A. Kober. 2,132,484; Oct. 11.  
 Mucking machine and conveyer system. W. A. Whitmore. 2,138,200; Nov. 29.  
 Mucking machine dipper. W. A. Whitmire. 2,134,991; Nov. 1.  
 Mucking machine dipper hoisting means. W. A. Whitmire. 2,134,992; Nov. 1.  
 Mudguard support. E. F. Pawsat. 2,130,696; Sept. 20.  
 Mud sheaths from oil wells, Removing. L. T. Monson. 2,135,589; Nov. 8.  
 Muff structure. R. P. Reinemer. 2,120,189; June 7.  
 Muffler. M. H. Abramson. 2,112,006; Mar. 22.  
 Muffler. R. W. Compo. 2,113,828; Apr. 12.  
 Muffler. L. L. Haas. 2,115,103; Apr. 26.  
 Muffler. L. L. Haas and G. C. Starkweather. 2,124,916; July 26.  
 Muffler. H. L. Hargnett. 2,106,482; Jan. 25.  
 Muffler. G. A. Kingsley. 2,125,449; Aug. 2.  
 Muffler. G. P. List. 2,132,425; Oct. 11.  
 Muffler. E. Ludlow. 2,138,477; Nov. 29.  
 Muffler. R. J. MacKenzie. 2,112,961; Apr. 5.  
 Muffler. R. J. MacKenzie, L. L. Haas, and G. C. Starkweather. 2,115,113; Apr. 26.  
 Muffler. W. J. Misewicz and F. J. Kaminski. 2,117,973; May 17.  
 Muffler. Q. G. Noblitt and E. Ludlow. 2,109,220; Feb. 22.  
 Muffler. Q. G. Noblitt and E. Ludlow. 2,111,537; Mar. 15.  
 Muffler. P. G. Pelk. 2,118,056; May 24.  
 Muffler. H. S. Powell. 2,104,376; Jan. 4.  
 Muffler. F. E. Prochnow. 2,130,001; Sept. 20.  
 Muffler. C. F. Raucen. 2,138,510; Nov. 29.  
 Muffler. G. C. Starkweather. 2,124,933; July 26.



- Muffler. G. C. Starkweather and L. L. Haas. 2,115,128; Apr. 26.
- Muffler, Air cooled. J. S. Fluor, Jr., and P. W. Ash. 2,110,395; Mar. 8.
- Muffler, Air-cooled. J. S. Fluor, Jr., and P. W. Ash. 2,121,319; June 21.
- Muffler, air preheater and exhaust handling system, Combined. P. T. Stubbs. 2,116,718; May 10.
- Muffler and heater, Combined. E. P. Gray. 2,133,349; Oct. 18.
- Muffler and ventilator system. J. S. Fluor, Jr., and P. W. Ash. 2,130,385-6; Sept. 20.
- Muffler clamp. J. J. Compo. 2,106,628; Jan. 25.
- Muffler, Exhaust. R. Barron. 2,121,242; June 21.
- Muffler, Fluid. C. H. Steenstrup. 2,133,876; Oct. 18.
- Muffler for suction cleaners. H. E. Hoover. 2,130,495; Sept. 20.
- Mutator of internal combustion engines. K. Kato. 2,108,671; Feb. 15.
- Muffler repair jacket. J. L. Smith. 2,107,588; Feb. 8.
- Muffler, Vacuum cleaner. A. E. Norris. 2,125,850; Aug. 2.
- Muffling device. G. H. Fuehrer. 2,128,742; Aug. 30.
- Muffling device, Vertical. K. P. Durham. 2,139,736; Dec. 13.
- Mulcher lifter. F. G. Galpin. 2,131,872; Oct. 4.
- Mulcher, Row crop. G. Challis. 2,105,805; Jan. 18.
- Mullion construction. L. G. Jost. 2,134,790; Nov. 1.
- Multiaxle drive vehicle. A. W. Herrington. 2,107,072; Feb. 1.
- Multiband indicator. L. Brodton. 2,132,094; Oct. 4.
- Multiband receiver. N. P. Case. 2,137,266; Nov. 22.
- Multiband tunable system. H. A. Wheeler. 2,137,318; Nov. 22.
- Multiclut mechanism. E. R. Burtnett. 2,136,811; Nov. 15.
- Multicolor filter. G. Heymer. 2,107,116; Feb. 1.
- Multiconductor signaling cable. A. G. Hall. 2,128,410; Aug. 30.
- Multicontact plug. K. J. Braun. 2,124,182; July 19.
- Multicontact device. H. F. Oberfell. 2,135,832; Nov. 8.
- Multifilament lamp. F. J. Major. 2,139,762; Dec. 13.
- Multigrad tube. S. Loewe. 2,129,016; Sept. 6.
- Multi-image sign. W. E. MacLaren. 2,117,186-7; May 10.
- Multipactor. P. T. Farnsworth. 2,135,615; Nov. 8.
- Multipactor, Multistage. P. T. Farnsworth. 2,141,837; Dec. 27.
- Multiphot apparatus, Automatic. E. Römer. 2,106,814; Feb. 1.
- Multipiston meter. F. Hejduk and J. Neumann. 2,116,265; May 3.
- Multiple cathode-ray tube. K. Schlesinger. 2,141,415; Dec. 27.
- Multiple-coating or finishing. M. O. Schur. 2,135,151; Nov. 1.
- Multiple control switch. E. C. Raney. 2,138,509; Nov. 29.
- Multiple drilling gauge. W. R. Martin. 2,128,833; Aug. 30.
- Multiple-electrode holder. M. Marton. 2,135,086; Nov. 1.
- Multiple element meter. W. H. Pratt. 2,134,575; Oct. 25.
- Multiple leaf spring. M. V. O'Donnell. 2,106,411; Jan. 25.
- Multiple-recording instrument. O. H. Hunt. 2,125,345; Aug. 2.
- Multiple shoe brake. A. McKone. 2,139,197; Dec. 6.
- Multiple stream feeder. R. J. S. Carter. 2,122,679; July 5.
- Multiple switch. L. C. Leighton. 2,106,054; Jan. 18.
- Multiple switch. L. L. Manley. 2,140,296; Dec. 13.
- Multipplier for looms. E. J. Wentz. 2,123,267; July 12.
- Multipplier, Instrument scale length. B. H. Smith. 2,137,066; Nov. 15.
- Multiplication phase modulation receiver, Frequency. M. G. Crosby. 2,112,881; Apr. 5.
- Multiply fabric. F. R. Redman. 2,123,474; July 12.
- Multiplying device. J. W. Bryce. 2,113,229; Apr. 5.
- Multiplying machine. R. A. Rowley. 2,126,666; Aug. 9.
- Multiplying machine. T. E. Torkelson. 2,131,908; Oct. 4.
- Multiplying machine with auto-control. G. F. Daly. 2,120,232; June 14.
- Multipurpose gauge. M. S. Johnson. 2,115,955; May 3.
- Multirate meter. P. Sporn, R. H. Wolford, and W. C. Nien. 2,130,201; Sept. 13.
- Multished loom. W. F. Bird. 2,139,994; Dec. 13.
- Multiswitching apparatus, Electromagnetic. A. S. Duhamel. 2,136,612; Nov. 15.
- Multisystem tube. B. Wienecke. 2,114,620; Apr. 19.
- Multise tool. M. D. Nissenbaum. 2,111,871; Mar. 22.
- Mural, Interviewal. J. Damon. 2,135,968; Nov. 8.
- Muscles in infantile paralysis, Apparatus for restoring. E. Baganova. 2,109,188; Feb. 22.
- Musical instrument. W. O. Miessner. 2,117,345; May 17.
- Musical instrument. C. O. Musser. 2,133,712; Oct. 18.
- Musical instrument. J. C. N. Richards. 2,130,251; Sept. 13.
- Musical instrument, Automatic. J. Bacigalupi and L. Bacigalupi, Sr. 2,122,905; July 5.
- Musical instrument, Electrical. L. Hammond. 2,126,464; Aug. 9.
- Musical instrument, Electrical. L. Hammond. 2,126,682; Aug. 9.
- Musical instrument, Electrical. F. Trautwein. 2,141,231; Dec. 27.
- Musical instrument, Electronic. G. Smiley. Re. 20,831; Aug. 16.
- Musical instrument of the type employing gaseous discharge tubes, Electrical. W. E. Kock. 2,128,367; Aug. 30.
- Musical instrument string. R. S. Gould, Jr. 2,112,088; Mar. 22.
- Musical instrument, Stringed. G. D. Beauchamp. 2,130,174; Sept. 13.
- Musical instrument, Stringed. R. Dopyera. 2,138,907; Dec. 6.
- Musical instrument, Stringed. C. Gugino. 2,113,446; Apr. 5.
- Musical instrument, Stringed. C. W. Russell. 2,111,334; Mar. 15.
- Musical instrument, Wind. J. Sattler. 2,106,281; Jan. 25.
- Musical sounds, Producing synthetic. B. Wienecke. 2,115,659; Apr. 26.
- Musical tuning device. W. D. Gladstone. 2,132,105; Oct. 4.
- Muzzle attachment for guns. S. G. Green. 2,128,936; Sept. 6.
- Muzzle attachment for machine guns. F. T. Moore. 2,124,075; July 19.
- Nail. L. W. Burr. 2,128,798; Aug. 30.
- Nail, Capped. R. Kaplan. 2,140,749; Dec. 20.
- Nail, Furring. M. S. Graves. 2,130,390; Sept. 20.
- Nail or fastener, Clamp. M. C. Putnam. 2,134,765; Nov. 1.
- Nail, Self-locking. H. J. Stone. 2,126,585; Aug. 9.
- Nails, Apparatus for capping. J. M. Upton. 2,119,659; June 7.
- Name plate. F. J. Brown. 2,120,854; June 14.
- Name plate. J. E. Nichols. 2,119,751; June 7.
- Nap of a fabric, Apparatus for erecting the. J. H. Richa. 2,119,057; May 31.
- Napping machine. H. Fleisher. 2,126,629; Aug. 9.
- Naphtha reforming. S. C. Fulton. 2,125,714; Aug. 2.
- Naphtha, Reforming of. E. J. Houdry. 2,141,185; Dec. 27.
- Naphthalene derivatives containing a  $C_{10}H_{20}N$  group and producing them. A. J. Hill and M. C. Fernald. 2,119,077; May 31.
- Naphthalene to phthalic anhydride, Oxidizing. C. E. Andrews. 2,120,538; June 14.
- Naphthas and the like, Solvent treatment of. E. Terres, E. Saegbarth, and J. Moos. 2,118,771; May 24.
- Naphthene-hydrocarbon-amino-anthrapyrimidines. K. Koerberle and O. Schlichting. 2,123,245; July 12.
- Naphthenes, Catalytic oxidation of. N. A. Milas and W. L. Walsh. 2,136,144; Nov. 8.
- Naphthenic acid derivatives, Hydrogenation of. W. A. Lazier. 2,114,717; Apr. 19.
- Naphthostyryl and 8-amino-1-naphthoic acid, Manufacture of. A. Corbellini. 2,111,756; Mar. 22.
- Napkin, Paper. E. C. Morris. 2,118,472-3; May 24.
- Napkin, Paper. E. C. Morris. 2,138,425; Nov. 29.
- Narrow fabric. J. W. Stark. 2,125,838; Aug. 2.
- Narrow ware loom. F. W. Preston. 2,132,758; Oct. 11.
- Narrowing device for flat knitting machines. W. Heinitz. 2,122,344; June 28.
- Nautical instrument. F. Schulte. 2,127,847; Aug. 23.
- Navigation apparatus. E. L. Grant. 2,116,625; May 10.
- Navigation of blind landing airplanes, Method and system for the vertical. P. E. Köster. 2,134,132; Oct. 25.
- Navigation instrument. N. Sinitzin-White. 2,105,103; Jan. 11.
- Navigation instrument. A. W. Comrie. 2,108,042; Feb. 15.
- Navigation instrument. C. W. Harris. 2,108,260; Feb. 15.
- Navigation instrument, Gyroscopic. D. G. K. Moss. 2,128,956; Sept. 6.
- Navigation instruments. J. M. Boykow. 2,130,224; Sept. 13.
- Neck structure for stringed instruments. H. A. Harlin. 2,128,460; Aug. 30.
- Necktie. H. A. Clark. 2,112,437; Mar. 29.
- Necktie. A. J. Fiumedoro. 2,122,811; July 5.
- Necktie. N. Gold. Re. 20,806; July 19.
- Necktie. J. Gutiérrez. 2,123,775; July 12.
- Necktie. H. Kahn. 2,132,301; Oct. 4.
- Necktie. S. Rajki. 2,118,416; May 24.
- Necktie. W. H. Ve Relle. 2,133,169; Oct. 11.
- Necktie. J. Weisbaum. Re. 20,942; Dec. 6.
- Necktie, Adjustable. C. Goldenberg. 2,125,715; Aug. 2.
- Necktie adjusting device for collars. E. Langemack. 2,118,614; May 24.
- Necktie and making the same. W. B. Rose. 2,106,256; Jan. 25.
- Necktie attachment. H. O. Draper. 2,129,657; Sept. 13.
- Necktie, Bow. S. Sherman. 2,104,625; Jan. 4.
- Necktie carrier. E. Sas. 2,134,645; Oct. 25.



- Necktie construction. D. Goldman. 2,114,376; Apr. 19.
- Necktie guide. A. F. Henderson. 2,123,945; July 19.
- Necktie holder. E. A. de Voss, Jr. 2,128,606; Aug. 30.
- Necktie holder. H. H. Knoebel, Jr. 2,121,402; June 21.
- Necktie manufacture. J. Weisbaum. 2,131,545; Sept. 27.
- Necktie pin. M. S. Cirelli. 2,131,311; Sept. 27.
- Necktie rack. A. Köhler. 2,118,611; May 24.
- Necktie rack, Garment container. W. H. Bracken. 2,129,905; Sept. 13.
- Neckties, Apparatus for making. N. Gold. 2,112,086; Mar. 22.
- Neckties, Apparatus for making. N. Gold. 2,131,318; Sept. 27.
- Neckties, Device for turning. N. Gold. 2,116,569; May 10.
- Neckwear. M. R. Knoyle. 2,139,959; Dec. 13.
- Neckwear. A. J. Steinberger. 2,126,836; Aug. 16.
- Neck wear appliance. H. C. Pitcher. 2,110,054; Mar. 1.
- Neckwear construction. I. C. Levy. 2,119,748; June 7.
- Needle. A. H. Little. 2,120,030; June 7.
- Needle and holder, Surgical. M. H. Marton. 2,110,735; Mar. 8.
- Needle, Apparatus for operating a relooping. B. H. Gostkowski. 2,115,101; Apr. 26.
- Needle bar assembly for knitting machines and knitting thereon. K. Howie. 2,124,067; July 19.
- Needle bar for flat knitting machines. L. Hirsch. 2,113,788; Apr. 12.
- Needle bed construction. L. Robaczynski. 2,106,919; Feb. 1.
- Needle bed for knitting machines. R. H. Lawson and W. L. Smith, Jr. 2,108,772; Feb. 15.
- Needle bed for knitting machines. R. H. Lawson and W. L. Smith, Jr. 2,135,187; Nov. 1.
- Needle bed for knitting machines. C. Schuricht. 2,127,537; Aug. 23.
- Needle carriage for hypodermic needles. F. S. Dickinson and E. R. Lawshe. 2,135,279; Nov. 1.
- Needle driving mechanism for sewing machines. L. G. Bowman. 2,112,531; Mar. 29.
- Needle. Duplex. K. L. Cooley. 2,137,132; Nov. 15.
- Needle for knitting machines, Stitch transfer. H. McAdams. 2,111,477; Mar. 15.
- Needle, Hand knitting. O. Burger. 2,117,143; May 10.
- Needle, Knitting. L. G. Craft. 2,133,431; Oct. 18.
- Needle, Knitting machine. N. Kataja. 2,129,327; Sept. 6.
- Needle, Larding. D. W. Hartzell. 2,124,700; July 26.
- Needle of weaving loom. R. Dewas. 2,119,573; June 7.
- Needle, Phonograph. S. F. Nabers. 2,140,392; Dec. 13.
- Needle threader. W. Parsons. 2,115,999; May 3.
- Needle valve. J. J. Ring. 2,141,018; Dec. 20.
- Needle valve, Straight line. J. R. Yancey. 2,126,856; Aug. 16.
- Needle, Weaving. A. S. Nelson. 2,117,350; May 17.
- Needles and the like, Straightening knitting. G. Gastrich. 2,107,253; Feb. 1.
- Needles, Producing sound reproducing. L. E. Turner. 2,121,272; June 21.
- Negative glow display. A. F. Henninger, Jr. 2,108,487; Feb. 15.
- Negative resistance. E. H. Yonkers, Jr. 2,138,896; Dec. 6.
- Negatives, Correction of. W. J. Wilkinson. 2,124,679; July 26.
- Negatives, Producing screen. H. A. Groesbeck, Jr. 2,123,830; July 12.
- Necarsphenamine and sulpharsphenamine, Precipitation of. W. G. Christiansen and A. E. Jurist. 2,137,237; Nov. 22.
- Neon tube support. C. P. O'Keefe. 2,112,995; Apr. 5.
- Nest. F. T. Smith and W. S. Smiley. 2,105,058; Jan. 11.
- Nest. A. Seidl. 2,140,815; Dec. 20.
- Nest box for hens. O. H. Huseby. 2,105,737; Jan. 18.
- Nest door. E. J. German. 2,118,189; May 24.
- Nest, Safety egg-laying. J. T. Miles. 2,122,349; June 28.
- Nest, Trap. S. E. Rowe. 2,113,859; Apr. 12.
- Nest, Trap. F. C. Stone. 2,121,107; June 21.
- Net. G. I. Phillips. 2,115,082; Apr. 26.
- Net, cargo sling, and the like, Cargo. C. Louttit. 2,139,195; Dec. 6.
- Net, Fish. R. V. Norris and O. G. Avery. 2,124,952; July 26.
- Net, Hair. H. Aull. 2,136,603; Nov. 15.
- Net, Laundry. P. Hart and R. W. Hart, Jr. 2,132,734; Oct. 11.
- Net, Life saving. C. C. Lenz. 2,112,915; Apr. 5.
- Net liner. B. Neaves. 2,110,811; Mar. 8.
- Net, Minnow. C. Haggstrom. 2,127,332; Aug. 16.
- Net, Safety. O. L. Young. 2,123,268; July 12.
- Net, Trawl. C. A. Aspenburg. 2,137,663; Nov. 22.
- Nets, Apparatus for making. G. W. Hanson. 2,111,775; Mar. 22.
- Network cable. A. P. Strom, C. L. Denault, and L. McCulloch. 2,105,060; Jan. 11.
- Network distribution system. G. O. Harrison. 2,121,594-5; June 21.
- Network for telegraph circuits, Shunt balancing. R. T. Hamlett. 2,138,675; Nov. 29.
- Network protector tripping apparatus. W. W. Edson. 2,112,081; Mar. 22.
- Network relay. M. A. Boatwick. 2,114,829; Apr. 19.
- Network system of distribution. J. S. Parsons and G. O. Harrison. 2,121,608; June 21.
- Newspaper counting apparatus. C. E. Lyons. 2,126,047; Aug. 16.
- Newspaper printing press. E. W. Dean. 2,104,737; Jan. 11.
- Newspaper printing press. E. W. Dean. 2,109,819; Mar. 1.
- Newspaper sound record supplements, Manufacture of. W. G. H. Finch. 2,106,245; Jan. 25.
- NH<sub>3</sub>-Air mixtures, Preparing. R. S. Richardson. 2,119,721; June 7.
- Nickel anode. C. G. Bieber and M. P. Buck. 2,117,284; May 17.
- Nickel anode and container. W. M. Phillips. 2,104,812; Jan. 11.
- Nickel carbonyl, Manufacture of. C. F. R. Harrison and A. E. Wallis. 2,105,037; Jan. 11.
- Nickel direct by electrolysis, Production of malleable and annealable. A. M. Gronningsaeter. 2,115,019; Apr. 26.
- Nicotine composition. R. B. Arnold. 2,120,225; June 14.
- Nicotine from tobacco, Extracting. J. B. Garner. 2,128,043; Aug. 23.
- Nicotine from tobacco, Extracting. R. J. Hyatt. 2,117,558; May 17.
- Night latch. J. H. Brinton. 2,136,539; Nov. 15.
- Nippers for skin and finger nails. C. G. Grah and P. Giesen. 2,123,357; July 12.
- Nipple and cap construction. J. Little. 2,136,514; Nov. 15.
- Nipple for nursing bottles. L. Garfield. 2,126,322; Aug. 9.
- Nipple from flat stock, Forming a running thread. K. Berger. 2,137,797; Nov. 22.
- Nipple, Nursing bottle. G. L. Glossbrenner. 2,125,338; Aug. 2.
- Nipple orifice. P. Hultgren. 2,137,804; Nov. 22.
- Niter cake pellets and manufacturing the same, Porous. J. F. White. 2,117,467; May 17.
- Nitranilines, Separation of. R. Frye. 2,128,699; Aug. 30.
- Nitrate and chlorine, Production of. H. A. Beekhuis, Jr. 2,138,016; Nov. 29.
- Nitrates of monohydric aliphatic alcohols, Preparation of. J. A. Wyler. 2,105,802; Jan. 18.
- Nitric acid, Production of. M. Voogd. 2,132,663; Oct. 11.
- Nitric oxide oxidation. W. C. Klingelhoefer. 2,115,173; Apr. 26.
- Nitrile-hydrocarbon mixtures, Separating. W. O. Pool. 2,107,904; Feb. 8.
- Nitrile-hydrocarbon mixtures, Separating. A. W. Ralston and W. O. Pool. 2,133,007; Oct. 11.
- Nitriles, Motor fuel containing. V. Conquest. 2,135,327; Nov. 1.
- Nitriles with phosphorus pentasulphide, Reacting. A. W. Ralston. 2,116,472; May 3.
- Nitroalcohol. H. B. Hass and B. M. Vanderbilt. 2,132,353; Oct. 4.
- Nitroalcohols. H. B. Hass and B. M. Vanderbilt. 2,132,352; Oct. 4.
- Nitroalcohols, Aliphatic. H. B. Hass and B. M. Vanderbilt. 2,139,121; Dec. 6.
- Nitro-azo-dyestuffs, Metalliferous. H. Schindhelm. 2,123,748; July 12.
- Nitrocellulose emulsions. M. C. Moore. 2,105,155; Jan. 11.
- Nitrocellulose, Preparing. R. H. Talbot. 2,118,275; May 24.
- Nitrocellulose solutions, Producing. C. B. Hollabaugh. 2,114,491; Apr. 19.
- Nitro-celluloses, Manufacture of. A. Noll. 2,123,611; July 12.
- Nitro-derivatives of 2-hydroxynaphthalene-3-carboxylic acid and preparing them. W. Luce. 2,110,629; Mar. 8.
- Nitrogen and hydrogen, Producing a mixture of. D. C. Bardwell. 2,135,695; Nov. 8.
- Nitrogen bases and their salts, Organic. H. A. Bruson. 2,115,250; Apr. 26.
- Nitrogen bases, Separation and purification of aromatic and nonaromatic. J. R. Bailey. 2,136,604; Nov. 15.
- Nitrogen compounds, Alkoxyalkyl mercury. J. Callen. 2,119,701; June 7.
- Nitrogen containing derivatives of polymerized vinyl esters of halogen fatty acids, Manufacture of. H. Rein. 2,118,713; May 24.
- Nitrogen, Fixation of. O. E. Roberts, Jr. 2,134,206; Oct. 25.
- Nitrogen oxides from gases, Absorption of. M. Voogd. 2,110,431; Mar. 8.
- Nitrogen trichloride, Manufacture of. E. Staudt. 2,118,903; May 31.
- Nitrohydroxy compounds of the paraffin series, Preparing. B. M. Vanderbilt. 2,135,444; Nov. 1.
- Nitrohydroxy compounds, Preparation of. B. M. Vanderbilt. 2,132,330; Oct. 4.
- Nitrohydroxy compounds, Production of. H. B. Hass and B. M. Vanderbilt. 2,139,120; Dec. 6.
- Nitroisobutylglycerol trinitrate and nitroisobutylglycol dinitrate, Preparation of. W. D. Crater. 2,112,749; Mar. 20.
- Nitromethane, Manufacture of. G. L. Allen, Jr. 2,117,931; May 17.
- Nitromethane, Manufacture of. H. Bender. 2,105,581; Jan. 18.
- Nitro-phenols, Ammonolysis of. R. Frye and N. H. Vagenius. 2,128,700; Aug. 30.
- Nitrosamines. W. Seldenfaden and H. Thomae. 2,119,801; June 7.



- Nitrosyl chloride and chlorine, Treating mixtures of. H. A. Beekhuis, Jr. 2,130,519; Sept. 20.
- Nitrosyl chloride, Decomposition of. H. A. Beekhuis, Jr. 2,138,017; Nov. 29.
- N,N'-dialkyl-2,2'-dipyrzole-anthrionyls and making same. J. Koch and M. Bommer. 2,123,251; July 19.
- No screed tile clip. L. Harrington. 2,106,948; Feb. 1.
- Noise and cross-talk reduction in telephone communication circuits. J. T. Dixon. 2,111,023; Mar. 15.
- Noise control system. R. M. Smith. 2,105,558; Jan. 18.
- Noise limiter circuit, Receiver. W. V. Roberts. 2,115,876; May 3.
- Noise limiting circuit, Receiver. W. V. Roberts. 2,129,027; Sept. 6.
- Noise reducing device for adding machines and the like. W. W. Landsiedel. 2,140,135; Dec. 13.
- Noise reducing means for cabin aircraft. S. J. Zand. 2,122,447; July 5.
- Noise reduction. J. D. Schantz. 2,113,224; Apr. 5.
- Noise reduction. R. M. Smith. 2,141,229; Dec. 27.
- Noise, Reduction of. V. D. Landon. 2,105,538; Jan. 18.
- Noise, Reduction of. V. D. Landon. 2,113,212; Apr. 5.
- Noise suppressor arrangement, Receiver. T. B. Morehouse. 2,115,825; May 3.
- Noise suppressor circuit. W. V. B. Roberts. 2,135,949; Nov. 8.
- Nondetonating engine. V. F. Zahodiakin. 2,120,344; June 14.
- Nonrefillable attachment. J. W. Schieber. 2,137,956; Nov. 22.
- Nonrepeating indicator. A. R. Babcock. 2,121,494; June 21.
- Nonskid device. H. Rüz-Amman. 2,137,062; Nov. 15.
- Nonskid device for vehicle wheels. B. P. Gray. 2,132,614; Oct. 11.
- Nonslip, Adjustable. E. D. Snyder. 2,130,971; Sept. 20.
- Non-sugars from liquid saccharine materials, Recovery of. G. T. Reich. 2,130,029; Sept. 13.
- Nontarnish alloy. B. Egeberg and R. W. Tindula. 2,108,047; Feb. 15.
- Nontarnish alloy. B. Egeberg and R. W. Tindula. 2,108,051; Feb. 15.
- Nomenclumatic activator and making same. H. V. Euler, H. Albers, and F. Schlenk. 2,141,128; Dec. 20.
- Nonvibrating tube coupling. C. T. Ellis. 2,131,316; Sept. 27.
- Nonyellowing composition. E. H. Bucy. 2,136,782; Nov. 15.
- Noose device. H. O. Porter. 2,122,264; June 28.
- Normalizing circuit. D. V. Sinner. 2,135,852; Nov. 8.
- Normalizing furnace. C. B. Hoak. 2,104,518; Jan. 4.
- Normalizing furnace. C. B. Hoak. 2,141,108; Dec. 20.
- Nose cap. E. Zeidler. 2,110,387; Mar. 8.
- Nose guard. V. R. McMillan. 2,105,607; Jan. 18.
- Nose pad mounting. J. A. Sweeney. 2,115,348; Apr. 26.
- Note book. T. J. Salsman. 2,114,815; Apr. 19.
- Notebook and copy holder, Stenographer's. C. C. Clifford. 2,109,349; Feb. 22.
- Notebook pad. H. L. Kalish. 2,108,015; Feb. 8.
- Nourishment consisting mainly of glycoprotein, Manufacturing a. S. Tanaka. 2,119,302; May 31.
- Novelty. C. C. Cloud. 2,125,424; Aug. 2.
- Novelty. B. Fried. 2,128,133; Aug. 23.
- Novelty. V. Havel. 2,130,343; Sept. 20.
- Novelty, Advertising. F. A. Moore. 2,119,825; June 7.
- Novelty, Paper C. C. Cloud. 2,127,808; Aug. 23.
- Nozzle. R. E. Apthorp. 2,126,440; Aug. 9.
- Nozzle. J. H. Davis. 2,107,601; Feb. 8.
- Nozzle. E. J. Dillman. 2,123,826; July 12.
- Nozzle. F. E. Hansen. 2,118,451; May 24.
- Nozzle. R. Hlinsky and J. S. Jablonsky. 2,114,709; Apr. 19.
- Nozzle. H. Huss. 2,120,611; June 14.
- Nozzle. R. T. Killman. 2,138,379; Nov. 29.
- Nozzle, Adjustable. E. J. Wendell and R. B. Sargent. 2,132,333; Oct. 4.
- Nozzle and making the same. J. L. Barnes. 2,130,173; Sept. 13.
- Nozzle and meter, Combination dispensing. J. C. Miller. 2,123,656; July 12.
- Nozzle and valve, Combined. J. E. Mortimore. 2,133,147; Oct. 11.
- Nozzle, Antistatic gasoline dispensing. G. W. Turman. 2,108,759; Feb. 15.
- Nozzle attachment, Electric vacuum sweeper. C. E. Hain. 2,104,125; Jan. 4.
- Nozzle, Automatic. R. T. and T. A. Killman. 2,138,380; Nov. 29.
- Nozzle, Automatic filling. H. K. Flinchbaugh. 2,111,851-2; Mar. 22.
- Nozzle, Blowpipe. F. C. Geibig. 2,129,681; Sept. 13.
- Nozzle, Blowpipe. J. W. Halbing. 2,125,915; Aug. 9.
- Nozzle closure means for containers. A. H. Church. 2,127,390; Aug. 16.
- Nozzle closure means for containers. A. H. Church. 2,127,465; Aug. 16.
- Nozzle closure means for containers and washers for use therein. K. J. Rolle. 2,127,424; Aug. 16.
- Nozzle closure means for containers, bottles, tubes, cans, and the like. E. C. Church. 2,127,389; Aug. 16.
- Nozzle, Delivery. J. Duff, Jr. 2,108,596; Jan. 25.
- Nozzle device, Homogenizing. H. Daubenmeyer. 2,104,853; Jan. 11.
- Nozzle disks, Forming spray. T. W. Murphy. 2,130,854; Sept. 20.
- Nozzle, Dispensing. E. H. Tompkins and J. H. Tobler. 2,129,511; Sept. 6.
- Nozzle, Exhaust. J. Mills, Jr. 2,122,211; June 28.
- Nozzle, Extrusion. W. J. McCue. 2,109,574; Mar. 1.
- Nozzle, Filling. J. D. Elsom. 2,114,705; Apr. 19.
- Nozzle, Fire extinguishing. L. Jarvis. 2,110,044; Mar. 1.
- Nozzle, Fire hose. L. Dinesen. 2,133,436; Oct. 18.
- Nozzle, Fire hose. K. Rosenbauer. 2,130,745; Sept. 20.
- Nozzle, Fog. T. R. Day. 2,116,879; May 10.
- Nozzle for extruding stiff plastic material. C. F. Weinreich. 2,122,703; July 5.
- Nozzle for flat-spraying appliances, Air. E. Gustafsson. 2,138,300; Nov. 29.
- Nozzle for internal combustion engines, Injection. K. Imfeld. 2,110,365; Mar. 8.
- Nozzle for locomotives, Exhaust. F. H. Carroll. 2,110,904; Mar. 15.
- Nozzle, Hose. V. Bernesser. 2,105,632; Jan. 18.
- Nozzle, Hose. R. E. Byars. 2,139,926; Dec. 13.
- Nozzle, Hose. W. H. De Lancey. 2,110,326; Mar. 8.
- Nozzle, Hose. E. J. Kenney. 2,141,868; Dec. 27.
- Nozzle, Hose. A. C. Lusher and D. L. Spender. 2,121,741; June 21.
- Nozzle, Hose. A. J. Scholtes. 2,121,747; June 21.
- Nozzle, Lubricating. F. H. Ehnts. Re. 20,743; May 31.
- Nozzle, Mist-producing. J. C. Schellin, E. J. Housekeeper, and E. R. Hamilton. 2,127,188; Aug. 16.
- Nozzle, Needle. G. W. Barber. 2,116,591; May 10.
- Nozzle, Non-drip. F. L. Drew. 2,134,709; Nov. 1.
- Nozzle, Regulating. G. H. Wotring. 2,124,443; July 19.
- Nozzle, Sandblast. A. Rehmann. 2,110,634; Mar. 8.
- Nozzle, Self cleaning spray. R. L. Lincoln. 2,129,145; Sept. 6.
- Nozzle, Spray. W. T. Emery. 2,115,442; Apr. 26.
- Nozzle, Spray. G. F. Holvis. 2,121,401; June 21.
- Nozzle, Spray. J. E. Holveck. 2,125,445; Aug. 2.
- Nozzle, Spray. N. G. Maxon. 2,105,154; Jan. 11.
- Nozzle, Spray. H. E. Norton. 2,127,883; Aug. 23.
- Nozzle, Spray. G. W. Veach and J. L. Zitz. 2,110,409; Mar. 8.
- Nozzle, Spray and jet. C. F. Dinley. 2,116,863; May 10.
- Nozzle, Spray gun. A. F. Jenkins. 2,126,888; Aug. 16.
- Nozzle, Spraying. M. L. Fisk. 2,140,903; Dec. 20.
- Nozzle structure for burners for liquid fuel. A. R. Haase. 2,127,866; Aug. 23.
- Nozzle, Suction. J. E. Barrner. 2,131,548; Sept. 27.
- Nozzle, Suction. A. Eriksson-Jons. 2,117,329; May 17.
- Nozzle, Suction. A. S. Juelson. 2,140,874; Dec. 20.
- Nozzle, Swinging. E. R. Zadernach. 2,137,104; Nov. 15.
- Nozzle, Vacuum cleaner. B. A. Baxter. 2,112,978; Apr. 5.
- Nozzle valve, Fluid dispensing. G. B. Nicholson. 2,113,853; Apr. 12.
- Nozzle, Vaporizing. H. W. Dawson. 2,140,517; Dec. 20.
- n-Propylmethacrylate. R. Hill. 2,129,690; Sept. 13.
- N-substituted camphoric amides and their preparation. P. E. C. Goisset and R. L. Despois. 2,115,576; Apr. 26.
- N-substituted para-aminobenzaldehydes. W. Müller and C. Berres. 2,141,090; Dec. 20.
- Nucleosides by fermentation, Manufacture of. H. Brederick. 2,130,061; Sept. 13.
- Number checking system. F. A. Korn. 2,105,921; Jan. 18.
- Number or name plate, Illuminated. M. Davidson. 2,131,795; Oct. 4.
- Number plate. A. W. Becker. 2,110,119; Mar. 1.
- Numerical printing device. W. G. Brill. 2,134,223; Oct. 25.
- Nurse's cap. A. A. Lawrence. 2,104,997; Jan. 11.
- Nursing bottle holder. C. F. Perner. 2,111,724; Mar. 22.
- Nut. A. G. M. Michell. 2,106,984; Feb. 1.
- Nut and making same. E. W. Mitchell. 2,127,696; Aug. 23.
- Nut blanks, Machine for making capped. H. Rosenberg. 2,120,649; June 14.
- Nut, Clinch. J. W. Salter. 2,138,409; Nov. 29.
- Nutcracker. J. C. Fiddymont. 2,139,264; Dec. 6.
- Nutcracker. K. H. Wylie. 2,135,420; Nov. 1.
- Nut-cracking machine. S. L. Fontana. 2,138,473; Nov. 29.
- Nut-cracking machine. L. J. Meyer. 2,128,874; Aug. 30.
- Nut cracking machine. F. E. Whitehead and H. T. Bonar. 2,114,243; Apr. 12.
- Nut cracking machine, Automatic. H. F. Ruggles. 2,138,942; Dec. 6.
- Nut lock. E. B. Beasley. 2,125,878; Aug. 9.
- Nut, Lock. D. Bratt. 2,127,153; Aug. 16.
- Nut lock. E. W. Boyer. 2,105,401; Jan. 11.
- Nut, Lock. F. T. Elder. 2,132,821; Oct. 11.
- Nut, Lock. E. A. Green. 2,125,276; Aug. 2.
- Nut lock. M. M. Maguire and R. Wright. 2,131,812; Oct. 4.
- Nut, Lock. B. F. Money. 2,116,036; May 3.
- Nut lock. P. C. Schmidt. 2,107,550; Feb. 8.
- Nut lock. H. P. Sorensen. 2,141,071; Dec. 20.
- Nut, Lock. A. Stoll. 2,130,827; Sept. 20.
- Nut lock. S. R. Thornton. 2,106,669; Jan. 25.
- Nut lock. J. V. Uherovich. 2,141,701; Dec. 27.
- Nut lock. J. A. Wilson. 2,132,667; Oct. 11.
- Nut lock construction. L. Tarwater. 2,125,323; Aug. 2.
- Nut locking device. H. Kriwat. 2,129,009; Sept. 6.
- Nut or bolt holder. J. G. Hoff. 2,140,628; Dec. 20.
- Nut, Quick-action. E. A. Schaeffer, Jr. 2,118,361; May 24.
- Nut, Reinforcing. H. P. Sorensen. 2,108,975; Feb. 22.



- Nut retainer for split shank connectors. W. G. Fotsch. 2,129,086; Sept. 6.
- Nut, Self-locking. W. A. Bergstrom. Re. 20,915; Nov. 15.
- Nut shelling machine. P. Dragon. 2,129,679; Sept. 13.
- Nut tapping machine. B. H. Mortus. 2,111,295; Mar. 15.
- Nut tapping machine. H. P. Selman. 2,141,280; Dec. 27.
- Nut threading device. L. J. Knettle. 2,130,348; Sept. 20.
- Nut threading machine. J. J. McLaughlin. 2,134,619; Oct. 25.
- Nut threading machine. J. Werner and G. Kroupsky. 2,115,599; Apr. 26.
- Nut threading machine. R. L. Wilcox, J. Werner, and G. Kroupsky. 2,115,604; Apr. 26.
- Nut, Welding. L. Demboski and J. Kay. 2,105,139; Jan. 11.
- Nuts from thimbles, Machine for making capped. H. Rosenberg. 2,120,650; June 14.
- Nuts, Making spring lock. W. A. Bergstrom. Re. 20,916; Nov. 15.
- Nuts, Making threaded. J. F. Cox. 2,123,843; July 12.
- Nuts, Soy bean. R. H. Moulton. 2,135,592; Nov. 8.
- Nuts, Soy bean. I. A. Nohe. 2,135,593; Nov. 8.
- Nuts, Soy bean. I. A. Nohe and R. H. Moulton. 2,135,594; Nov. 8.
- Nuts, Treating. W. P. Bullard and J. S. Guy. 2,108,915; Feb. 22.
- N-vinyl compounds, Production of. E. Keyssner. 2,123,733; July 12.
- N-vinyl compounds, Production of. E. Keyssner and W. Wolff. 2,123,734; July 12.
- Oar. W. Meinenreis. 2,125,029; July 26.
- Oar and oarlock, Combined. J. L. Musante. 2,117,069; May 10.
- Oarlock, Front facing. A. C. Kahn. 2,129,006; Sept. 6.
- Oarlock sleeve. O. J. Shape. 2,140,884; Dec. 20.
- Oatmeal, Canning and cooking. E. R. McShane. 2,127,782; Aug. 23.
- Oats cereal flakes, Making rolled. D. Lyons. 2,116,634; May 10.
- Objective, Corrected. A. W. Troanier. 2,106,077; Jan. 18.
- Objective suitable for photographic purposes. J. W. Hasselkus and G. A. Richmond. 2,116,264; May 3.
- Objects, Apparatus for observing reciprocating. A. R. Boaz. 2,128,396; Aug. 30.
- Objects, Coated. G. D. Patterson. 2,128,962; Sept. 6.
- Objects from polyvinyl alcohol, Production of elastic. H. Vohrer. 2,138,751; Nov. 29.
- Objects from polyvinyl alcohols, Producing elastic. H. Vohrer. 2,127,896; Aug. 23.
- Objects, System for locating the position of movable. C. B. Mirick. 2,133,303; Oct. 18.
- Objects to predetermined positions, Turning rotatable. Le R. J. Leishman. Re. 20,827; Aug. 16.
- Objects to predetermined positions, Turning rotatable. L. R. J. Leishman. 2,108,538; Feb. 15.
- Objects to walls and similar structures, Device for securing. F. J. Porwoll. 2,111,034; Mar. 15.
- Objects with layers of other metals, Apparatus for coating metallic. T. Sendzimir. 2,136,957; Nov. 15.
- Obstetrical chair. S. G. Collard. 2,104,830; Jan. 11.
- Obstetrics, Apparatus for teaching. J. B. Jacobs. 2,127,774; Aug. 23.
- Octyl cyclohexanol, Oxidation products of. J. B. Niederl and R. A. Smith. 2,121,472; June 21.
- Ocular defects, Correcting. A. Ames, Jr., G. H. Glidden, and K. N. Ogle. 2,118,132; May 24.
- Odometer. R. O. Helgeby and H. H. Herada. 2,117,024; May 10.
- Odometer reset mechanism. R. O. Helgeby. 2,131,622; Sept. 27.
- Odor control for liquid fuel burning stoves. S. Coleman and B. W. Tullis. 2,106,690; Jan. 25.
- Odor dispenser. C. W. Studer and R. G. Roshong. 2,114,118; Apr. 12.
- Odor dispenser. H. B. White. 2,107,019; Feb. 1.
- Odor dispensing device. D. Topjian. 2,139,291; Dec. 6.
- Odor expeller, Toilet. G. H. Davis. 2,129,048; Sept. 6.
- Odor observer and odor meter. G. M. Fair and W. F. Wells. 2,136,844; Nov. 15.
- Oestrogenous products and producing the same. W. Schoeller, M. Dohrn, and W. Hohlweg. 2,112,712; Mar. 20.
- Oestrogenous products and producing the same. W. Schoeller, M. Dohrn, and W. Hohlweg. 2,136,397; Nov. 15.
- Offal, Apparatus for use in cooling. A. O. Lundell. 2,119,640; June 7.
- Office device. J. H. Hotson. 2,140,382; Dec. 13.
- Offset del. W. L. Castle and W. O. Hedberg. 2,141,736; Dec. 27.
- Offset in printing, Preventing. V. G. Green and E. Gustafsson. 2,110,219; Mar. 8.
- Offset, Preventing. B. A. Young. 2,114,702; Apr. 19.
- Offset preventing in printing. V. G. Green and E. Gustafsson. 2,110,218; Mar. 8.
- Oil and fat deodorization. R. C. Newton and W. F. Bollens. 2,124,707; July 26.
- Oil and gas burner, Combination. J. S. Zink. 2,124,940; July 26.
- Oil and improving same, Lubricating. M. A. Dietrich. 2,104,796; Jan. 11.
- Oil and lubrication therewith, Lubricating. E. W. Cook. 2,139,725-6; Dec. 13.
- Oil and lubrication therewith, Lubricating. A. W. Lewis. 2,139,086-8; Dec. 6.
- Oil and manufacturing the same, Lubricating. L. B. Turner. 2,124,598; July 26.
- Oil and preparing the same, Hydrogenated brown camphor. M. S. Carpenter. 2,125,832; Aug. 2.
- Oil and product therefrom, Hydrogenation of olticla. J. F. T. Berliner and C. Sly. 2,121,580; June 21.
- Oil and product thereof, Treating China-wood. R. D. Bonney and W. S. Egge. 2,133,889; Oct. 18.
- Oil and recovering stabilized distillate, Cracking hydrocarbon. P. Ostergaard. 2,134,926; Nov. 1.
- Oil and removal of by-products, Continuous selective hydrogenation of. M. W. Schuman. 2,111,573; Mar. 22.
- Oil and water separator. E. M. Burt. 2,122,310; June 28.
- Oil and water separator. P. B. Nibecker and R. R. McDonell. 2,104,050; Jan. 4.
- Oil, Apparatus for cracking petroleum. C. P. Dubbs. 2,112,360; Mar. 29.
- Oil, Apparatus for purifying lubricating. J. R. Miller. 2,133,359; Oct. 18.
- Oil, Apparatus for re-refining. G. X. Henshaw. 2,113,841; Apr. 12.
- Oil-bearing sand heater. C. C. Hogg. 2,134,610; Oct. 25.
- Oil blending agent. P. J. Wieszewich. 2,113,150; Apr. 5.
- Oil, Built-up lubricating. G. M. Maverick. 2,135,092; Nov. 1.
- Oil burner. E. F. Adolfson. 2,137,681; Nov. 22.
- Oil burner. O. J. Appel. 2,106,265; Jan. 25.
- Oil burner. M. Brittain. 2,118,698; May 24.
- Oil burner. E. A. Domes. 2,112,618; Mar. 29.
- Oil burner. E. O. Engels. 2,119,952; June 7.
- Oil burner. C. R. Hammond. 2,115,850; May 3.
- Oil burner. J. B. Harrington. 2,120,130; June 7.
- Oil burner. P. V. Knapp, A. I. Senior, M. McNabb, and E. H. T. Bensemann. 2,137,673; Nov. 22.
- Oil burner. H. C. Little. 2,109,946; Mar. 1.
- Oil burner. W. C. Mason. 2,122,986; July 5.
- Oil burner. E. J. McCullough. 2,109,027; Feb. 22.
- Oil burner. C. J. T. McPherson. 2,128,155; Aug. 23.
- Oil burner. L. O. Morin, Jr., and R. R. Shelton. 2,116,278; May 3.
- Oil burner. J. Ravenna. 2,118,228; May 24.
- Oil burner. L. L. Scott. 2,117,512; May 17.
- Oil burner. J. S. Sheafe. 2,124,169; July 19.
- Oil burner. T. H. Smoot. 2,107,452; Feb. 8.
- Oil burner. W. A. Sorg. 2,138,246; Nov. 29.
- Oil burner. C. E. Swallow. 2,108,872; Feb. 22.
- Oil burner. J. E. Sweatt. 2,125,966; Aug. 9.
- Oil burner. H. C. Tucker. 2,139,974; Dec. 13.
- Oil burner. J. H. Van Seiver. 2,108,734; Feb. 15.
- Oil burner. R. M. Vidalie. 2,137,960; Nov. 22.
- Oil burner. A. B. Walton. 2,141,283; Dec. 27.
- Oil burner. B. G. Woolley. 2,117,388; May 17.
- Oil burner. H. E. Woolery. 2,104,940; Jan. 11.
- Oil burner, Blue flame. C. M. Stroud. 2,131,986; Oct. 4.
- Oil burner, Conversion. R. H. Nelson. 2,117,006; May 10.
- Oil burner, Domestic heavy. T. L. May. 2,117,190; May 10.
- Oil burner, Electrically ignited distillate. J. Jensen. 2,125,166; July 26.
- Oil burner, Fuel. E. E. Goehler. 2,117,881; May 17.
- Oil burner, Gas-generating. G. Pirich. 2,136,727; Nov. 15.
- Oil burner, Rotary crude. L. Motley. 2,140,244; Dec. 13.
- Oil burning. C. A. French. 2,113,252; Apr. 5.
- Oil burning. J. F. Straitz. 2,108,621; Feb. 15.
- Oil burning apparatus. R. W. Beckett. 2,113,870; Apr. 12.
- Oil burning apparatus. G. Dalen. 2,119,007; May 31.
- Oil burning appliance. J. L. Breese, Jr. 2,134,297; Oct. 25.
- Oil burning equipment. G. P. Haynes. 2,125,010-20; July 26.
- Oil burning furnace. E. F. Auger. 2,114,584; Apr. 19.
- Oil burning furnace. J. W. Nelson. 2,107,871; Feb. 8.
- Oil burning furnace. C. Ralldini. 2,136,317; Nov. 8.
- Oil burning system, Expanding flame. L. D. Cotea. 2,117,021; May 10.
- Oil by using metallic soaps of naphthene acid, Refining cracked. M. Mizuta and T. Yoshimura. 2,131,510; Sept. 27.
- Oil can. C. H. Leonard. 2,127,874; Aug. 23.
- Oil catcher. R. Pawlowski. 2,133,959; July 19.
- Oil circuit breaker. W. M. Leeds. 2,117,893; May 17.
- Oil clarifier and filter. S. W. Briggs. 2,105,136; Jan. 11.
- Oilcloth, Producing. R. H. Wilcox. 2,131,777; Oct. 4.
- Oil, Color stable viscous hydrocarbon. B. H. Shoemaker and C. M. Lonne. 2,125,961; Aug. 9.
- Oil composition. F. W. Broth and A. Kinsel. 2,139,608; Dec. 13.
- Oil composition. R. Rosen. 2,112,305; Mar. 20.
- Oil composition and preparing same, Solid gelled. E. F. Arnold and M. J. Callahan. 2,120,083; June 7.
- Oil composition and producing same, Mineral. G. D. Martin. 2,137,175; Nov. 15.
- Oil composition, Insecticidal. W. H. Volck. 2,100,096; Feb. 22.



- Oil composition, Mineral. R. Bulkley. 2,117,602; May 17.  
 Oil compositions. W. H. Butler. 2,120,124; June 7.  
 Oil compositions, Insecticidal. W. H. Volck. 2,134,158; Oct. 25.  
 Oil compositions, Preparing. P. B. Cochran and R. T. Hucks. 2,120,089; June 7.  
 Oil container, Destructible. D. Schmidt. 2,110,843; Mar. 8.  
 Oil-containing material having a high water content, particularly whale flesh, Apparatus for dehydrating. P. L. Fauth. 2,105,782; Jan. 18.  
 Oil, Continuous filtration of wax bearing. W. V. Overbaugh. 2,115,211; Apr. 26.  
 Oil control device. R. W. Johnson. 2,129,937; Sept. 13.  
 Oil conversion, Hydrocarbon. J. G. Alther. 2,115,606; Apr. 26.  
 Oil conversion, Hydrocarbon. J. B. Barnes. 2,107,269; Feb. 8.  
 Oil conversion, Hydrocarbon. C. P. Dubbs. 2,105,526; Jan. 18.  
 Oil conversion, Hydrocarbon. J. C. Morrell. 2,122,777; July 5.  
 Oil conversion, Hydrocarbon. A. P. Sachs. 2,129,506; Sept. 6.  
 Oil conversion, Hydrocarbon. V. Stapleton. 2,114,987; Apr. 19.  
 Oil, Conversion of hydrocarbon. W. W. Gary. 2,135,332; Nov. 1.  
 Oil, Conversion of hydrocarbon. L. C. Rubin. 2,142,075; Dec. 27.  
 Oil cooling system. J. Toth, Jr. 2,127,192; Aug. 18.  
 Oil cracking and viscosity breaking process, Combined. H. V. Smith. 2,116,417; May 3.  
 Oil, Cracking of petroleum. D. G. Brandt. 2,111,354; Mar. 15.  
 Oil cracking process. G. C. Peckham. 2,135,876; Nov. 8.  
 Oil cracking process, Combined liquid phase and vapor phase. B. P. Crittenden. 2,139,672; Dec. 13.  
 Oil decolorizing mediums, Reactivation of. C. F. Tears. 2,113,010; Apr. 5.  
 Oil, Desalting mineral. C. S. Cerf. 2,140,574; Dec. 20.  
 Oil, Device for dispensing lubricating. W. Nickels and C. J. Aulbach. 2,122,534; July 5.  
 Oil, Device for dispensing lubricating. M. M. Sedwick and F. J. O'Brien. 2,122,540; July 5.  
 Oil, Dewaxing. M. L. Wade. 2,107,770-2; Feb. 8.  
 Oil, Dewaxing mineral. E. C. Knowles. 2,134,336-7; Oct. 25.  
 Oil, Dewaxing mineral. E. C. Knowles. 2,137,209; Nov. 15.  
 Oil, Dewaxing wax-bearing. H. H. Gross and W. Kiersted, Jr. 2,137,208; Nov. 15.  
 Oil, Dewaxing wax-bearing mineral. E. C. Knowles. 2,123,833; July 12.  
 Oil dispensing apparatus, Canned. W. S. Townsend. 2,130,371; Sept. 20.  
 Oil distillates, Desulphurizing mineral. D. S. McKittrick. 2,114,852; Apr. 19.  
 Oil distillation, Mineral. W. E. Kuhn and L. C. Kemp, Jr. 2,107,156; Feb. 1.  
 Oil distilling apparatus. L. Hunyadi and I. Koch. 2,132,900; Oct. 11.  
 Oil, Drying. E. W. Fawcett and E. E. Walker. 2,128,354; Aug. 30.  
 Oil engine, Crude. A. Baud. 2,126,442; Aug. 9.  
 Oil extracting and grating apparatus, Citrus fruit. O. R. Hawkins. 2,134,608; Oct. 25.  
 Oil extracting apparatus, Continuous. P. J. W. Engler. 2,117,113; May 10.  
 Oil filled cable. C. H. Reynolds. 2,113,746; Apr. 12.  
 Oil filter. P. J. Lucas. 2,140,388; Dec. 13.  
 Oil filter. J. G. MacCormack. 2,140,020; Dec. 13.  
 Oil filter. R. A. Weidenbacker. 2,110,009; Mar. 1.  
 Oil filter. F. M. Young. 2,137,556; Nov. 22.  
 Oil filter package, Sealed. A. E. Frolander. 2,114,485; Apr. 19.  
 Oil filtering means. R. A. Weidenbacker. 2,132,770; Oct. 11.  
 Oil fogger, Atomizing type. M. G. Markle and L. W. Tuttle. 2,109,136; Feb. 22.  
 Oil for withstanding high bearing pressures and making the same. C. B. Karns. 2,121,151; June 21.  
 Oil from eggs, Removing. C. H. Parsons and L. D. Mink. 2,109,575; Mar. 1.  
 Oil from flowing air streams, Removing. S. J. Erling. 2,125,435; Aug. 2.  
 Oil from oil containing protein material, Producing. L. T. Hopkinson. 2,107,245; Feb. 1.  
 Oil from petroleum acid sludge, Recovering. P. J. Harrington. 2,141,297; Dec. 27.  
 Oil from spent bleaching clay, Recovery of. E. M. Slocum. 2,117,223; May 10.  
 Oil from underground reservoirs, Secondary recovery of. G. S. Bays. 2,135,319; Nov. 1.  
 Oil from water, Apparatus for removing. J. W. Brown. 2,117,273; May 17.  
 Oil furnace. L. L. Scott. 2,117,511; May 17.  
 Oil heater, Automatic. H. Mortier. 2,133,394; Oct. 18.  
 Oil, Horticultural spray. F. F. Lindstaedt. 2,127,039; Aug. 16.  
 Oil, Hydrogenated heavy. W. H. Carmody. 2,108,250; Feb. 15.  
 Oil, Hydrogenation of soya bean. H. E. Moore and R. B. Vogel. 2,136,653; Nov. 15.  
 Oil in well core samples, Device for detecting. F. P. Shayes and W. W. Hammond. 2,110,310; Mar. 8.  
 Oil, Insecticidal. L. R. Coleman and G. L. Cowley. 2,105,856; Jan. 18.  
 Oil, Lowering the pour point of lubricating. L. Liberthson. 2,138,868; Dec. 6.  
 Oil lubricated mounting. A. A. Van Pelt. 2,132,249; Oct. 4.  
 Oil, Lubricating. T. L. Cantrell and J. O. Turner. 2,134,433; Oct. 25.  
 Oil, Lubricating. L. A. Clarke and C. C. Towne. 2,141,593; Dec. 27.  
 Oil, Lubricating. M. A. Dietrich. 2,132,847; Oct. 11.  
 Oil, Lubricating. A. Furlotti. 2,136,846; Nov. 15.  
 Oil, Lubricating. L. Liberthson. 2,125,934-6; Aug. 9.  
 Oil, Lubricating. B. H. Lincoln and A. Henriksen. 2,109,357; Feb. 22.  
 Oil, Lubricating. L. A. Mikeska and L. B. Turner. 2,115,341; Apr. 26.  
 Oil, Lubricating. T. G. Murphy. 2,125,305; Aug. 2.  
 Oil, Lubricating. J. M. Musselman and H. P. Lankelma. Re. 20,784; July 5.  
 Oil, Lubricating. E. F. Pevere. 2,119,718; June 7.  
 Oil, Lubricating. E. F. Pevere. 2,138,771; Nov. 29.  
 Oil, Lubricating. B. H. Shoemaker. 2,139,335; Dec. 6.  
 Oil, Lubricating. J. Valentine. 2,126,590; Aug. 9.  
 Oil, Lubricating. P. J. Wlezech. 2,113,752; Apr. 12.  
 Oil, Making a sulphur bearing. H. F. Merriam and G. W. Cupit, Jr. 2,115,426; Apr. 26.  
 Oil, Making a synthetic teaseed. G. Barsky. 2,126,527; Aug. 9.  
 Oil, Neutralization of acid treated. J. M. Harris, Jr., and N. F. Black. 2,106,976; Feb. 1.  
 Oil, Noncorrosive lubricating. F. R. Moser. 2,133,734; Oct. 18.  
 Oil or petroleum to elevated temperatures, Method of and apparatus for heating. F. H. Praeger. 2,129,589; Sept. 6.  
 Oil, Paint. F. W. Corkery. 2,135,425; Nov. 1.  
 Oil penetration control, Spray. F. F. Lindstaedt. 2,134,136; Oct. 25.  
 Oil, Pressure bearing lubricating. A. J. Morway. 2,109,779; Mar. 1.  
 Oil, Process and apparatus for dewaxing. L. Dillon. 2,109,350; Feb. 22.  
 Oil, Process and apparatus for dewaxing. H. F. Fisher. 2,109,130-1; Feb. 22.  
 Oil, Process of and apparatus for extracting cottonseed. J. P. Dickinson. 2,126,539; Aug. 9.  
 Oil, Process of refining. G. H. Hutchins and A. W. Hartigan. 2,139,161; Dec. 6.  
 Oil product, Mineral. F. M. Clark. 2,112,735; Mar. 29.  
 Oil product, Ungelled drying. F. M. Reece and M. F. Taggart. 2,113,358; Apr. 5.  
 Oil production apparatus. W. J. Brundred. 2,133,730; Oct. 18.  
 Oil products and the like, Preparation of mineral. R. E. Burk. 2,133,280; Oct. 18.  
 Oil products, Mineral. R. L. Sibley. 2,134,959; Nov. 1.  
 Oil products, Separating mineral. H. Suida, H. Pöls, and A. Nowak. 2,107,807; Feb. 8.  
 Oil pump. M. Uesugi. 2,111,682; Mar. 22.  
 Oil pumping apparatus. B. Olsson. 2,118,568; May 24.  
 Oil, Purification of. R. P. Dunmire. 2,116,344; May 3.  
 Oil, Purification of soy bean. A. O. Tischer. 2,117,776; May 17.  
 Oil, Recovering maize. E. J. Boronghs. 2,135,462; Nov. 1.  
 Oil refining. C. F. Denney. 2,105,523; Jan. 18.  
 Oil, Refining. D. K. Harger and H. I. Wolff. 2,122,059; June 28.  
 Oil, Refining and cracking. E. A. Ocon. 2,106,013; Jan. 18.  
 Oil refining, Lubricating. J. A. Anderson. 2,109,895; Mar. 1.  
 Oil, Refining mineral. J. A. Buchel and R. N. J. Saal. 2,124,606; July 26.  
 Oil refining, Petroleum. E. B. Hjerpe and W. A. Gruse. 2,141,085; Dec. 20.  
 Oil refining process, Lubricating. C. F. Tears. 2,113,008; Apr. 5.  
 Oil, Refining tail. H. L. Blengsli. 2,111,259; Mar. 15.  
 Oil removal unit, Service station power. E. L. Wood. 2,105,761; Jan. 18.  
 Oil return system for turbine pumps, Automatic. J. M. Hatt. 2,134,818; Nov. 1.  
 Oil ring. E. Kottusch. 2,112,103; Mar. 22.  
 Oil sands, Apparatus for treating depleted. W. E. Lang. 2,107,006; Feb. 1.  
 Oil sands, Controlling recovery from. W. E. Lang. 2,137,167; Nov. 15.  
 Oil sands, Increasing recovery from. W. E. Lang. 2,107,007; Feb. 1.  
 Oil saver. W. J. Cordes. 2,137,832; Nov. 22.  
 Oil saver. A. Pranger and H. F. Carrington. 2,136,465; Nov. 15.  
 Oil seal ring. W. Novey and J. C. Tromba. 2,117,849; May 17.  
 Oil, Slushing. J. G. Detwiler. 2,124,446; July 19.  
 Oil, Solvent extraction of. U. B. Bray. 2,120,209; June 7.  
 Oil, Solvent extraction of. D. R. Merrill. 2,121,325; June 21.  
 Oil, Solvent refining. W. B. Hendrey. 2,128,029; Aug. 23.



- Oil, Solvent refining hydrocarbon. F. X. Govers. 2,137,206; Nov. 15.
- Oil, Solvent refining hydrocarbon. L. G. Story. 2,141,626; Dec. 27.
- Oil, Solvent refining of. W. B. Hendrey and L. W. Cook. 2,141,605; Dec. 27.
- Oil, Solvent refining of hydrocarbon. L. A. Clarke. 2,127,325; Aug. 16.
- Oil, Solvent refining of mineral. D. Stryker and J. H. Grahame. 2,104,379; Jan. 4.
- Oil, Solvent refining of mineral. R. D. Taveau, L. A. Clarke, and R. E. Manley. 2,135,363; Nov. 1.
- Oil spray, Insecticidal. H. Knight. 2,124,782; July 26.
- Oil stabilization. V. C. Mehlenbacher. 2,108,922; Feb. 22.
- Oil, Stabilization of oleo. H. S. Mitchell. 2,113,216; Apr. 5.
- Oil, Stabilized fuel. G. M. Whitney. 2,104,919; Jan. 11.
- Oil, Stabilized lubricating. W. L. Steiner. 2,120,119; June 7.
- Oil, Stabilized white. R. E. Wilson. 2,123,457; July 12.
- Oil stabilizing agent and composition containing same, Mineral. L. A. Mikeska and C. A. Cohen. 2,139,766; Dec. 13.
- Oil stock, Acid treatment of petroleum white. N. Brewer. 2,126,867; Aug. 16.
- Oil stocks from asphalt-containing crude petroleum oils, Preparing lubricating. E. W. Thiele and B. Ginsberg. 2,141,257; Dec. 27.
- Oil suitable for varnishes, Producing quick drying. J. L. Schneider, S. L. Flugge, and R. J. Evans. 2,120,044; June 7.
- Oil, Synthetic. C. C. Towne. 2,138,775; Nov. 29.
- Oil testing machine. M. Cornell. 2,110,288; Mar. 8.
- Oil, Thickened lubricating. P. K. Frolich. 2,109,772; Mar. 1.
- Oil, Treating. R. C. Osterstrom. 2,138,770; Nov. 29.
- Oil, Treating hydrocarbon. H. V. Atwell. 2,125,234; July 26.
- Oil, Treating hydrocarbon. R. E. Manley. 2,104,567; Jan. 4.
- Oil, Treating hydrocarbon. W. F. Moore. 2,111,222; Mar. 15.
- Oil, Treating lubricating. H. R. Dickinson. 2,116,144; May 3.
- Oil treatment. H. R. Swanson. 2,105,935; Jan. 18.
- Oil treatment, Hydrocarbon. S. W. Ferris. 2,111,968; Mar. 22.
- Oil treatment, Hydrocarbon. S. W. Ferris. 2,130,126; Sept. 13.
- Oil treatment, Hydrocarbon. S. W. Ferris and E. R. Birkhimer. 2,109,476; Mar. 1.
- Oil treatment, Hydrocarbon. O. L. Roberts. 2,116,540; May 10.
- Oil treatment, Hydrocarbon. O. L. Roberts. 2,123,205; July 12.
- Oil, Treatment of heavy. W. H. Carmody. 2,128,985; Sept. 6.
- Oil, Treatment of hydrocarbon. A. V. Atwell. 2,109,875; Mar. 1.
- Oil, Treatment of hydrocarbon. S. W. Ferris. 2,107,291; Feb. 8.
- Oil, Treatment of hydrocarbon. P. C. Keith, Jr. 2,126,472; Aug. 9.
- Oil, Treatment of hydrocarbon. M. R. Mandelbaum. 2,123,194; July 12.
- Oil, Treatment of hydrocarbon. W. F. Moore. 2,121,209; June 21.
- Oil, Treatment of hydrocarbon. J. A. Reid and G. H. Short. 2,111,990; Mar. 22.
- Oil, Treatment of hydrocarbon. C. W. Saacke. 2,113,816; Apr. 12.
- Oil, Treatment of hydrocarbon. R. V. Shankland and R. H. Price. 2,114,671; Apr. 19.
- Oil, Treatment of hydrocarbon. R. L. Zimmerman. 2,119,409; May 31.
- Oil, Treatment of oilcica. J. P. Stancil. 2,139,864; Dec. 13.
- Oil, Treatment of soya bean. A. K. Epstein. 2,128,925-7; Sept. 6.
- Oil, Treatment of soya bean. A. K. Epstein and M. L. Hartley. 2,140,794; Dec. 20.
- Oil, Treatment of soya bean. A. K. Epstein, H. L. Reynolds, and M. L. Hartley. 2,140,793; Dec. 20.
- Oil treatment process. L. D. Mills, T. B. Crowe, and J. C. Haun. 2,112,209; Mar. 29.
- Oil, Vapor phase cracking of. E. W. Gard. 2,122,881; July 5.
- Oil vaporizing apparatus. C. A. French. 2,122,685; July 5.
- Oil, Wave-stilling. J. L. van der Minne. 2,105,278; Jan. 11.
- Oil well line control head. H. Waller. 2,137,599; Nov. 22.
- Oil well mechanism. W. F. Cox. 2,111,175; Mar. 15.
- Oil well pump. W. F. Cox. 2,111,173-4; Mar. 15.
- Oil well pump, Venturi-tube. W. F. McMahon. 2,114,905; Apr. 19.
- Oil well tool. J. H. Nicka. 2,136,015; Nov. 8.
- Oil well valve. C. W. Fisher. 2,109,351; Feb. 22.
- Oil wells, Apparatus for secondary recovery from. H. C. Wolf. 2,115,379; Apr. 26.
- Oil wells, Apparatus for testing. A. P. Halliburton. Re. 20,688; Apr. 5.
- Oil wells, Method of and means for flowing. G. M. Wells. 2,119,563; June 7.
- Oil wells, Secondary recovery from. H. C. Wolf. 2,115,378; Apr. 26.
- Oiler. O. H. Jung and P. E. Heffelfinger. 2,131,441; Sept. 27.
- Oiler, Automatic. O. F. Jensen. 2,111,858; Mar. 22.
- Oiler, Flange. J. G. Skinner. 2,106,665; Jan. 25.
- Oiler, Hog. R. J. Dreeszen. 2,121,688; June 21.
- Oiler, Locomotive journal. J. P. Savage. 2,110,243; Mar. 8.
- Oiler, Scalp. H. C. Altheide. 2,123,558; July 12.
- Oiler, Spray. H. L. Schlosser. 2,137,786; Nov. 22.
- Oiling device for dead spindles. G. M. Arragg. 2,140,613; Dec. 20.
- Oiling system for internal combustion engines, Dual. C. E. Fisher. 2,110,662; Mar. 8.
- Oils and components thereof, Method of and apparatus for heating hydrocarbon. A. E. Nash and F. E. Shelly. 2,132,964; Oct. 11.
- Oils and distillates thereof, Treating. W. A. Patrick, Jr. 2,114,314; Apr. 19.
- Oils and fats from materials containing the same, Extracting. M. Bonotto. 2,112,805; Mar. 29.
- Oils and fats, Refining fatty. E. M. James. 2,115,668; Apr. 26.
- Oils and lubricating oils prepared by such method, Increasing the oiliness value of lubricating. L. A. Mikeska and C. A. Cohen. 2,121,976; June 28.
- Oils and product obtained thereby, Treating vegetable and animal. L. M. Colbeth. 2,125,544; Aug. 2.
- Oils and recovering solvent, Process for solvent treating. E. V. Murphree and E. D. Reeves. 2,104,401; Jan. 4.
- Oils and the like, Composition and process for demulsifying cut. H. J. Robertson. 2,127,141; Aug. 16.
- Oils and the like, Demulsifying cut. H. J. Robertson. 2,127,140; Aug. 16.
- Oils and the like, Refining vegetable. S. L. Langedijk and W. Coltof. 2,126,334; Aug. 9.
- Oils, Apparatus for treating hydrocarbon. L. Kirschbraun. 2,119,818; June 7.
- Oils, Apparatus for deodorizing vegetable. J. Stewart. 2,136,029; Nov. 8.
- Oils, Apparatus for dewaxing. R. E. Burk and E. C. Hughes. 2,121,420; June 21.
- Oils, Apparatus for dewaxing hydrocarbon. B. H. Lincoln. 2,113,809; Apr. 12.
- Oils, Apparatus for heating vegetable. J. Stewart. 2,141,941; Dec. 27.
- Oils, Apparatus for refining. B. Clayton, W. B. Kerrich, and H. M. Stadt. 2,137,214; Nov. 15.
- Oils, Apparatus for refining mineral. H. R. Rowland and E. J. Smith. 2,107,714; Feb. 8.
- Oils, Apparatus for treating. A. E. Nash. 2,132,965; Oct. 11.
- Oils, Apparatus for treating mineral. M. R. Fenske. 2,132,150; Oct. 4.
- Oils, Apparatus for treating mineral. M. R. Fenske and W. B. McCluer. 2,132,151; Oct. 4.
- Oils, Bleaching. B. Clayton and B. H. Thurman. 2,110,789; Mar. 8.
- Oils, Blended. J. I. Wasson. 2,115,354; Apr. 26.
- Oils, Blended. P. J. Wlezevich. 2,115,355; Apr. 26.
- Oils by means of aromatic fluorine compounds, Refining mineral. E. Terres, J. Moos, and H. Ramser. 2,136,767; Nov. 15.
- Oils by means of benzol derivatives, Refining hydrocarbon. E. Terres, J. Moos, and E. Sagebarth. 2,138,773; Nov. 29.
- Oils by means of halogen compounds, Refining hydrocarbon. E. Terres, J. Moos, and E. Sagebarth. 2,141,143; Dec. 20.
- Oils by means of inorganic fluorine compounds, Refining mineral. E. Terres, J. Moos, and H. Ramser. 2,135,922; Nov. 8.
- Oils, Centrifugal dewaxing of. A. A. Wells. 2,106,964; Feb. 1.
- Oils containing therapeutic values, Vacuum extraction of. K. C. D. Hickman. Re. 20,705; Apr. 26.
- Oils, Continuous coking of hydrocarbon. J. G. Alther. 2,140,276; Dec. 13.
- Oils, Continuous filtration of wax bearing. D. R. Merrill. 2,119,749; June 7.
- Oils, Conversion and coking of hydrocarbon. L. C. Huff. 2,114,533; Apr. 19.
- Oils, Conversion and coking of hydrocarbon. J. C. Morrell. 2,112,377; Mar. 29.
- Oils, Conversion and treatment of mineral. A. E. Pew, Jr. 2,121,046; June 21.
- Oils, Conversion of hydrocarbon. J. G. Alther. 2,114,515; Apr. 19.
- Oils, Conversion of hydrocarbon. C. H. Angell. 2,109,631; Mar. 1.
- Oils, Conversion of hydrocarbon. C. H. Angell. 2,110,495; Mar. 8.
- Oils, Conversion of hydrocarbon. C. H. Angell. 2,113,639; Apr. 12.
- Oils, Conversion of hydrocarbon. C. H. Angell. 2,114,516; Apr. 19.
- Oils, Conversion of hydrocarbon. C. H. Angell. 2,125,535; Aug. 2.
- Oils, Conversion of hydrocarbon. C. H. Angell. 2,128,897; Sept. 6.
- Oils, Conversion of hydrocarbon. C. H. Angell. 2,130,407-8; Sept. 20.
- Oils, Conversion of hydrocarbon. J. M. Barrow. 2,130,313; Sept. 13.



- Oils, Conversion of hydrocarbon. A. Engelstein. 2,126,988-9; Aug. 16.
- Oils, Conversion of hydrocarbon. J. B. Heid. 2,109,640; Mar. 1.
- Oils, Conversion of hydrocarbon. J. B. Heid. 2,125,564; Aug. 2.
- Oils, Conversion of hydrocarbon. J. B. Heid. 2,129,931; Sept. 13.
- Oils, Conversion of hydrocarbon. L. C. Huff. 2,107,793; Feb. 8.
- Oils, Conversion of hydrocarbon. J. C. Morrell. 2,105,549; Jan. 18.
- Oils, Conversion of hydrocarbon. J. C. Morrell. 2,111,401; Mar. 15.
- Oils, Conversion of hydrocarbon. J. C. Morrell. 2,112,376; Mar. 29.
- Oils, Conversion of hydrocarbon. J. C. Morrell. 2,126,204; Aug. 9.
- Oils, Conversion of hydrocarbon. E. F. Nelson. 2,130,363; Sept. 20.
- Oils, Conversion of hydrocarbon. R. Pyzel. 2,127,009; Aug. 16.
- Oils, Conversion of hydrocarbon. J. D. Seguy. 2,107,509; Feb. 8.
- Oils, Conversion of hydrocarbon. J. D. Seguy. 2,127,011; Aug. 16.
- Oils, Conversion of hydrocarbon. L. G. Story. 2,120,655; June 14.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,105,561; Jan. 18.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,107,454; Feb. 8.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,115,794; May 3.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,122,784; July 5.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,126,229; Aug. 9.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,127,013; Aug. 16.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,130,436; Sept. 20.
- Oils, Conversion of hydrocarbon. K. Swartwood and C. H. Angell. 2,127,014; Aug. 16.
- Oils, Conversion of hydrocarbon. K. Swartwood. 2,136,715; Nov. 15.
- Oils, Cracking. W. K. Holmes. 2,133,096; Oct. 11.
- Oils, Cracking hydrocarbon. L. C. Huff. 2,118,605; May 24.
- Oils, Cracking hydrocarbon. P. Ostergaard. 2,135,014; Nov. 1.
- Oils, Cracking hydrocarbon. H. C. Pennrich. 2,123,960; July 19.
- Oils, Cracking petroleum. P. Ostergaard. 2,135,109; Nov. 1.
- Oils, Decolorizing petroleum. R. E. Stanton. 2,106,071; Jan. 18.
- Oils, Decomposition of hydrocarbon. H. R. Snow. 2,128,502; Aug. 30.
- Oils, Deodorizing and bleaching. L. C. Moore and A. C. Norman. 2,122,260; June 28.
- Oils, Dewaxing. C. D. Barnes and M. T. Flaxman. 2,119,938; June 7.
- Oils, Dewaxing. U. B. Bray. 2,119,733; June 7.
- Oils, Dewaxing. E. W. Gard. Re. 20,822; Aug. 9.
- Oils, Dewaxing. P. Subkow. 2,137,549; Nov. 22.
- Oils, Dewaxing hydrocarbon. P. D. Barton. 2,133,338; Oct. 18.
- Oils, Dewaxing lubricating. C. E. Adams, F. W. Sullivan, Jr., and J. A. Anderson. 2,107,137; Feb. 1.
- Oils, Dewaxing mineral. D. S. McKittrick and H. J. Henriques. 2,126,493; Aug. 9.
- Oils, Dewaxing petroleum. E. C. Herthel. 2,132,108; Oct. 4.
- Oils, Dewaxing wax-bearing. E. C. Knowles and E. W. McNealy. 2,132,354; Oct. 4.
- Oils, Distilling hydrocarbon. R. S. Danforth. 2,140,450; Dec. 13.
- Oils, Distilling hydrocarbon. R. C. Powell. 2,136,172; Nov. 8.
- Oils, Extracting. A. B. Brown and F. F. Diwoky. 2,138,833; Dec. 6.
- Oils, fats and analogous products, Refining edible. V. R. Kokatnur and O. S. Plantinga. 2,121,545; June 21.
- Oils for subsequent cracking. Treating a plurality of heavy hydrocarbon. E. A. Ocon. 2,130,596; Sept. 20.
- Oils, Fractionating hydrocarbon. W. R. van Wijk. 2,108,629; Feb. 15.
- Oils, Heating and fractionating hydrocarbon. C. W. Stratford. 2,126,420; Aug. 9.
- Oils, Heating hydrocarbon. W. E. Lobo. 2,119,470; May 31.
- Oils, Hydrogenation of fatty. W. J. Paterson. 2,123,342; July 12.
- Oils, Improving drying properties of. T. S. Hodgins. 2,133,894; Oct. 18.
- Oils in containers. Apparatus for filling. W. C. Poole. 2,140,811; Dec. 20.
- Oils in vapor phase, Cracking. P. C. Keith, Jr. 2,115,144; Apr. 26.
- Oils in vapor phase, Cracking. P. C. Keith, Jr. 2,119,391; May 31.
- Oils, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,129,281; Sept. 6.
- Oils, Lubricating. B. H. Lincoln and A. Henriksen. 2,106,554; Jan. 25.
- Oils, Lubricating. M. Pier, W. Hirschberger, and H. Lemme. 2,104,097; Jan. 4.
- Oils, Lubricating. R. W. Richardson and J. J. Owen. 2,119,114; May 31.
- Oils, Manufacture of improved lubricating. W. Grote and A. Hoppe. 2,129,616; Sept. 6.
- Oils, Manufacture of lubricating. J. E. Schulze. 2,112,350; Mar. 29.
- Oils, Manufacturing hydrocarbon. F. E. Frey and H. J. Hepp. 2,116,723; May 10.
- Oils, Manufacturing lubricating. E. Eichwald. 2,127,811; Aug. 23.
- Oils, Method and apparatus for treating cracked hydrocarbon. R. M. Parsons. 2,105,499; Jan. 18.
- Oils, Mineral. P. J. Wiezevich, now, by change of name, P. J. Gaylor. 2,123,641; July 12.
- Oils, Obtaining vitamin-containing. F. Young and H. D. Robinson. 2,136,481; Nov. 15.
- Oils of the type of China-wood oil and oticica oil, Treatment of. A. M. Alvarado. 2,112,354; Mar. 29.
- Oils or fats, fatty acids, or the like, Device for the hydrogenation of vegetable or animal. E. Morlock. 2,134,571; Oct. 25.
- Oils, Preparing fish liver. H. A. Wentworth. 2,134,163; Oct. 25.
- Oils, Process and apparatus for dewaxing. B. G. Aldridge and B. Hopper. 2,109,125; Feb. 22.
- Oils, Process and apparatus for polymerizing. J. C. Harris, Jr., and G. Sutherland. 2,118,728; May 24.
- Oils, Process and apparatus for treating mineral. M. R. Fenske. 2,116,428; May 3.
- Oils, Process and apparatus for treating mineral. M. R. Fenske and W. B. McCluer. 2,139,943; Dec. 13.
- Oils, Process for solvent dewaxing. H. van der Waerden. 2,107,064; Feb. 1.
- Oils, Process of bleaching. B. Clayton and B. H. Thurman. Re. 20,838; Aug. 30.
- Oils, Producing acid. E. S. Greensfelder, M. E. Spaght, and C. H. Britten. 2,134,390; Oct. 25.
- Oils, Production of drying. H. G. Schneider and J. V. Sommer. 2,131,195; Sept. 27.
- Oils, Production of high quality lubricating. H. Zorn and W. Rosinsky. 2,106,232; Jan. 25.
- Oils, Production of highly viscous. M. Pier and A. Eisenhut. 2,106,960; Feb. 1.
- Oils, Production of improved lubricating. H. R. Batchelder and W. E. Kuentzel. 2,111,831; Mar. 22.
- Oils, Production of lubricating. M. Pier and F. Christmann. 2,130,024; Sept. 13.
- Oils, Production of synthetic drying. A. Schwarzman. 2,140,271; Dec. 13.
- Oils, Protection of vitaminous. F. W. Nitardy. 2,115,040; Apr. 26.
- Oils, Purification and regeneration of used lubricating. M. G. Levi, A. Mariotti, and I. Ciarrocchi. 2,106,010; Jan. 18.
- Oils, Purification of used lubricating. A. S. de Stagni. 2,124,814; July 26.
- Oils, Purifying hydrocarbon. C. O. Hoover. Re. 20,938; Dec. 6.
- Oils, Refining. M. L. Berry. 2,111,548; Mar. 22.
- Oils, Refining and converting. C. B. Forward. 2,121,026; June 21.
- Oils, Refining blended lubricating. E. M. Dons and D. B. Mapes. 2,123,503; July 12.
- Oils, Refining hydrocarbon. F. X. Govers. 2,137,218; Nov. 15.
- Oils, Refining mineral. H. R. Rowland and E. J. Smith. 2,107,713; Feb. 8.
- Oils, Refining mineral. E. Terres, E. Saegbarth, J. Moos, and H. Ramser. 2,140,485; Dec. 13.
- Oils, Refining mineral hydrocarbon. A. L. Lyman. 2,111,864; Mar. 22.
- Oils, Refining mineral lubricating. M. Mueller-Cunradi and R. Uloth. 2,128,958; Sept. 6.
- Oils, Refining mineral lubricating. J. M. Page, Jr. 2,129,282; Sept. 6.
- Oils, Refining of. A. W. Francis. 2,133,691; Oct. 18.
- Oils, Refining of mineral. M. T. Kendall. 2,109,446; Feb. 22.
- Oils, Refining of mineral. E. R. P. E. Retailiau and J. B. Wyman. 2,126,503; Aug. 9.
- Oils, Refining of therapeutic. W. S. Jones. 2,113,942; Apr. 12.
- Oils, Refining paraffin base. V. I. Downey. 2,141,623; Dec. 27.
- Oils, Refining white. M. Blumer and L. Salzmann. 2,118,805; May 31.
- Oils, Separating waxy constituents from. G. H. B. Davis. 2,106,969; Feb. 1.
- Oils, Solvent dewaxing process for lubricating. H. B. Setzler. 2,141,622; Dec. 27.
- Oils, Solvent extraction of. U. B. Bray. 2,106,234; Jan. 25.
- Oils, Solvent extraction of mineral lubricating. C. C. Buchler and S. H. Diggs. 2,141,511; Dec. 27.
- Oils, Solvent refining of hydrocarbon. L. A. Clarke. 2,132,350; Oct. 4.
- Oils, Solvent refining of hydrocarbon. E. Saegbarth. 2,138,772; Nov. 29.
- Oils, Stabilizing. L. G. Story. 2,123,083; July 5.
- Oils, Stabilizing sulphur containing petroleum. B. Hopper. 2,122,795; July 5.



- Oils, Sulphuric petroleum cutting. I. E. Muskat. 2,112,677; Mar. 29.
- Oils, Sulphurized. B. H. Lincoln and W. L. Steiner. 2,113,810-11; Apr. 12.
- Oils, Sweetening hydrocarbon. L. V. Chaney and A. E. Buell. 2,111,487; Mar. 15.
- Oils, tars, their distillation products, and like, Purification of mineral. E. Dorner. 2,116,061; May 3.
- Oils, Testing of lubricating. W. B. McCluer. 2,116,442; May 3.
- Oils to body, same for varnish and other uses, Treating drying. B. H. Thurman. 2,110,780; Mar. 8.
- Oils to produce white oils, Refining petroleum. N. E. Lemmon. 2,133,457; Oct. 18.
- Oils, Transporting hydrocarbon. R. J. Dearborn. 2,124,514; July 19.
- Oils, Treating. A. B. Brown and F. F. Diwoky. 2,138,834; Dec. 6.
- Oils, Treating fish. A. W. Ralston and S. T. Bauer. 2,119,141; May 31.
- Oils, Treating hydrocarbon. W. A. Craig. 2,104,791; Jan. 11.
- Oils, Treating hydrocarbon. H. E. Drennan. 2,127,953; Aug. 23.
- Oils, Treating hydrocarbon. J. C. Morrell. 2,139,624; Dec. 6.
- Oils, Treating hydrocarbon. C. W. Watson. 2,132,137; Oct. 4.
- Oils, Treating lubricating. J. C. Showalter. 2,119,120; May 31.
- Oils, Treating mineral. H. F. Lindeke. 2,115,960; May 3.
- Oils, Treating mineral. R. Z. Moravec. 2,137,499; Nov. 22.
- Oils, Treating mineral. F. R. Moser. 2,124,531; July 26.
- Oils, Treating residual paraffinic. C. E. Lauer and L. V. Phillips. 2,120,135; June 7.
- Oils, Treatment of. K. C. D. Hickman. 2,136,774; Nov. 15.
- Oils, Treatment of hydrocarbon. H. V. Atwell. 2,133,240; Oct. 11.
- Oils, Treatment of hydrocarbon. M. W. Barnes. 2,140,278; Dec. 13.
- Oils, Treatment of hydrocarbon. E. R. Brownscombe. 2,115,704; May 3.
- Oils, Treatment of hydrocarbon. A. H. Calderwood. 2,108,649; Feb. 15.
- Oils, Treatment of hydrocarbon. G. Egloff. 2,104,418; Jan. 4.
- Oils, Treatment of hydrocarbon. J. W. McCaffrey. 2,119,110; May 31.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 2,132,639; Oct. 11.
- Oils, Treatment of hydrocarbon. J. K. Roberts. 2,130,988; Sept. 20.
- Oils, Treatment of hydrocarbon. J. K. Roberts. 2,132,129; Oct. 4.
- Oils, Treatment of hydrocarbon. J. D. Seguy. 2,105,554; Jan. 18.
- Oils using sulphonyl halides, Treatment of hydrocarbon. J. Moos and H. Ramsar. 2,118,766; May 24.
- Oils, Vaporizing relatively heavy. C. A. French. 2,122,684; July 5.
- Oils which are derived from the by-products of petroleum refining, Preparation of substitute resin. A. Lazar. 2,114,126; Apr. 12.
- Oils with a selective solvent, Cracking and extracting hydrocarbon. E. F. English. 2,131,169; Sept. 27.
- Oils with boron fluoride, Refining hydrocarbon distillate. A. P. Hewlett. 2,133,452; Oct. 18.
- Oils with improved solvents, Extraction of. A. B. Brown and F. F. Diwoky. 2,138,832; Dec. 6.
- Oils with light hydrocarbons, Treatment of heavy hydrocarbon. J. M. Whiteley and G. A. Belswenger. 2,110,845; Mar. 8.
- Oils with sulphuric acid and for preparing improved wetting agents and detergents, Treating. S. C. Fulton and H. G. Vesterdal. 2,115,807; May 3.
- Oils with sulphuric acid and for preparing improved wetting agents and detergents, Treating. E. J. Gohr. 2,115,847; May 3.
- Ointment, Allantoin. F. R. Greenbaum. 2,124,295; July 19.
- Olefine chlorohydrins, Manufacture of. E. C. Britton, H. S. Nutting, and M. E. Huscher. 2,130,226; Sept. 13.
- Olefine ethers, Production of. H. C. Chitwood and G. A. Perkins. 2,104,717; Jan. 4.
- Olefines, Hydrating. W. K. Lewis. 2,141,275; Dec. 27.
- Olefines, Hydration of. K. H. Rowland and R. V. Wallin. 2,142,036; Dec. 27.
- Olefin oxides from gaseous mixtures and hydrolyzing to form corresponding glycols, Recovering. F. R. Balcar. 2,135,271; Nov. 1.
- Olefin oxides, Production of. R. M. Carter. 2,125,333; Aug. 2.
- Olefin, Producing beta. R. D. Snow. 2,138,971; Sept. 6.
- Olefines and catalyst therefor, Hydration of. W. P. Joshua, H. M. Stanley, and J. B. Dymock. 2,110,878; Mar. 15.
- Olefines and catalyst therefor, Polymerizing. L. F. Brooke. 2,135,793; Nov. 8.
- Olefines, Hydration of. H. Dreyfus. 2,126,952; Aug. 16.
- Olefines, Hydration of. H. M. Guinot. 2,139,953; Dec. 13.
- Olefines, Hydration of higher. H. M. Stanley and J. E. Youell. 2,112,793; Mar. 29.
- Olefines in acid polymerization, Dispersion of. B. E. Roetheli and E. E. Stahly. 2,131,191; Sept. 27.
- Olefines, Polymerization of. J. N. J. Perquin. 2,117,498; May 17.
- Olefines, Polymerization of. D. R. Stevens and W. A. Gruse. 2,135,117; Nov. 1.
- Olefines, Polymerization of gaseous. A. E. Dunstan. 2,128,126; Aug. 23.
- Olefines, Production of hydrated. F. A. Bent. 2,107,515; Feb. 8.
- Olefines, Sulphonating and sulphating. C. M. Suter. 2,135,358; Nov. 1.
- Olefines to alcohols, Catalytic hydration of. W. P. Joshua, H. M. Stanley, and J. B. Dymock. 2,110,879; Mar. 15.
- Oleo-resinous material, Treating. M. Cline. 2,140,512; Dec. 20.
- Oleo-resins and products resulting therefrom, Treating. M. Cline. 2,140,513; Dec. 20.
- Oleo-resins and products resulting therefrom, Treating pine. M. Cline. 2,140,514; Dec. 20.
- Oleo-resins, Treating crude. M. Cline. 2,140,511; Dec. 20.
- Omni value stamping device. W. H. Wheeler, Jr., J. W. Ogden, and F. J. Rouan. 2,141,119; Dec. 20.
- 1-acidylamino-2-methyl-4-aminoanthraquinones. J. Deinet. 2,129,991; Sept. 13.
- 1'-chloro-1-methyl-5-nitronaphthalene and manufacturing the same. O. Hoffmann and H. Lange. 2,133,389; Oct. 18.
- 1-methylnaphthalene-7-sulphonic acid and 1-methyl-7-hydroxy naphthalene, Preparing. A. Sieglitz. 2,107,911; Feb. 8.
- 1,1-aryloxy halo ethylenes. G. H. Coleman and B. C. Hadler. 2,135,123; Nov. 1.
- 1, 1, 1, 2 tetrachloropropane, Dehydrochlorination of. O. W. Cass. 2,111,043; Mar. 15.
- 1,1,2-trichloroethane, Preparation of. J. H. Reilly. 2,140,549; Dec. 20.
- 1,1,2-trichloropropane, Dehydrochlorination of. O. W. Cass. 2,134,102; Oct. 25.
- (1-phenyl-2, 3-dimethyl-5-pyrazolonyl)- isopentyl-ketone, Manufacturing. H. Kaufmann. 2,109,445; Feb. 22.
- 1,3-dichloro- and 1,3,5-trichlorobenzenes, Manufacture of. J. P. Wibaut, L. M. F. van de Lande, and G. W. Wallagh. 2,123,857; July 12.
- One-way clutch. A. Y. Dodge. 2,113,722; Apr. 12.
- One-way valve. R. H. Money. 2,118,356; May 24.
- Open-face container. G. E. Damrow. 2,116,060; May 5.
- Open hearth furnace. W. A. Morton. 2,126,272; Aug. 9.
- Open hearth valve. J. G. Hubbard. 2,106,913; Feb. 1.
- Open-mesh bag. J. E. Millett. 2,128,658; Aug. 30.
- Opener and cover. Can. E. J. Evans. 2,104,978; Jan. 11.
- Opener and dispenser. Can. T. H. Gerdes. 2,125,002; July 26.
- Opener and dispenser for oil, antifreeze material, and the like, Combined can. I. P. Taylor and F. G. Bates. 2,131,238; Sept. 27.
- Opener and dispensing device. Can. O. N. Wiswell. 2,105,575; Jan. 18.
- Opener and mug handle, Combination can. J. L. Wilkinson. 2,127,452; Aug. 16.
- Opener and sealer. Can. J. H. Mulcahy. 2,131,596; Sept. 27.
- Opener, Bottle. F. J. Dzilembowski. 2,116,306; May 3.
- Opener, Can. P. Cullinovic. 2,124,732; July 26.
- Opener, Can. F. R. Daily. 2,111,022; Mar. 15.
- Opener, Can. C. G. Fawkes. 2,131,136; Sept. 27.
- Opener, Can. R. T. Killman. 2,104,489; Jan. 4.
- Opener, Can. L. O. Shaffer. 2,135,116; Nov. 1.
- Opener, Can. M. J. Zimmer. 2,127,373; Aug. 16.
- Opener, Carton. A. J. Lurie. 2,128,151; Aug. 23.
- Opener, Clam. W. G. Frazier. 2,136,816; Nov. 15.
- Opener, Container. R. G. Smythe. 2,115,289; Apr. 26.
- Opener, Destructible drum. J. W. Fluharty. 2,138,538; Nov. 29.
- Opener, Disk furrow. E. A. Criswell. 2,132,147; Oct. 4.
- Opener for containers. E. F. Cornwall. 2,108,431; Feb. 15.
- Opener for grain drills, Furrow. A. E. W. Johnson. 2,105,120; Jan. 11.
- Opener, Latch. A. Gagné. 2,123,551; July 12.
- Opener, Letter. T. Schmid, Jr., and A. Benson. 2,134,536; Oct. 25.
- Opener, Oil can. J. W. Sherrell. 2,131,644; Sept. 27.
- Opener, Oyster. J. E. Benson. 2,133,529; Oct. 18.
- Opener, Package. M. E. Blier. 2,110,194; Mar. 8.
- Opener, Package. G. L. Kyseth. 2,132,741; Oct. 11.
- Opener, Package. E. J. Mallen. 2,140,021; Dec. 13.
- Opener, Receptacle. S. Batdorf. 2,124,522; July 26.
- Opener, Receptacle. H. W. Rueger. 2,129,785; Sept. 13.
- Opening container, Easy. H. A. Fink. 2,119,533; June 7.
- Opening device for fabric tubing. C. E. Cunnus. 2,110,520; Mar. 8.
- Operating device for closures. M. S. Kirkpatrick. 2,125,183; July 26.
- Operating mechanism. R. R. Bush. 2,110,658; Mar. 8.
- Operating mechanism. K. Clark. 2,118,492; May 24.
- Operating mechanism. C. Thumm. 2,112,054; Mar. 22.
- Operating mechanism. C. Thumm. 2,131,603; Sept. 27.
- Operating mechanism for chucks. H. P. M. Forkardt. 2,134,227; Oct. 25.
- Operating mechanism for clutches. C. B. Spaas. 2,117,520; May 17.



- Operating mechanism for doors. J. A. Youngblood. 2,125,142; July 26.
- Operating mechanism for machine tools. F. H. Bogart. 2,134,024; Oct. 25.
- Operating mechanism for searchlights, Arc head. W. H. Jacobi and I. A. Yost. 2,130,846; Sept. 20.
- Operating mechanism for Venetian blinds. D. D. Darling. 2,113,933; Apr. 12.
- Operating mechanism in feed hoppers, Automatic. J. G. Kershaw. 2,113,988; Apr. 12.
- Operator for casement windows and the like, Automatic. R. W. Carnahan. 2,108,328; Feb. 15.
- Operator for copyholders, Electromechanical. R. V. Streeter. 2,135,918; Nov. 8.
- Ophthalmic instrument. F. L. Freeman. 2,110,330; Mar. 8.
- Ophthalmic instrument. E. D. Tillyer. 2,107,553; Feb. 8.
- Ophthalmic mounting. J. W. Aspenleiter. 2,129,520; Sept. 6.
- Ophthalmic mounting. J. W. Aspenleiter. 2,141,285; Dec. 27.
- Ophthalmic mounting. S. E. Bouchard. 2,117,139; May 10.
- Ophthalmic mounting. S. E. Bouchard. 2,135,791-2; Nov. 8.
- Ophthalmic mounting. S. E. Bouchard. 2,141,287; Dec. 27.
- Ophthalmic mounting. P. J. Graham. 2,132,106; Oct. 4.
- Ophthalmic mounting. E. M. Splaine. 2,106,282-4; Jan. 25.
- Ophthalmic mounting. R. L. Wells. 2,117,383-5; May 17.
- Ophthalmoscope. W. A. Arnesen. 2,134,279; Oct. 25.
- Ophthalmoscope. B. A. Diggins. 2,135,801; Nov. 8.
- Ophthalmoscope. G. A. Ellestad and F. W. Jobe. 2,124,344; July 19.
- Ophthalmoscope. C. H. Keeler. 2,111,187; Mar. 15.
- Optical adjusting device for cinematographic apparatus. P. Angénieux and J. M. Gutmann. 2,106,397; Jan. 25.
- Optical appliance. G. H. Wingate. 2,123,682; July 12.
- Optical characteristics of substances, Determining. B. O'Brien. 2,133,562; Oct. 18.
- Optical device, Electron. H. Johansson. 2,110,669; Mar. 8.
- Optical device, Folding. J. P. Austin. 2,125,871; Aug. 9.
- Optical device for measuring angles, such as sextants. A. Lepetit. 2,106,460; Jan. 25.
- Optical drawing device. H. S. Vice. 2,111,198; Mar. 15.
- Optical fusionmeter. M. O. Ranoc. 2,139,850; Dec. 13.
- Optical illusion device. S. Sprague. 2,117,635; May 17.
- Optical illusion effect or the like. F. O. King. 2,114,801; Apr. 19.
- Optical instrument. E. S. Bissell. 2,117,134; May 10.
- Optical instrument. I. N. Cassidy. 2,135,743; Nov. 8.
- Optical instrument. R. J. Reichert. 2,135,531; Nov. 8.
- Optical isomers of acyl-B-alkyl choline salts and intermediates and their production. R. T. Major and H. T. Bonnett. 2,118,054; May 24.
- Optical means for increasing rear vision. E. W. Schumacher. 2,135,262; Nov. 1.
- Optical occluder. E. A. Ring. 2,125,650; Aug. 2.
- Optical reduction printer. A. W. Carpenter. 2,133,537; Oct. 18.
- Optical reproduction of lenticulated or goffered films. A. H. J. D. Saint Genies. 2,135,396; Nov. 1.
- Optical system. A. D. Eitzen. 2,108,055; Feb. 15.
- Optical system. A. Hoyt. 2,131,738; Oct. 4.
- Optical system. M. Waide. 2,115,153; Apr. 26.
- Optical system for motor-headlights and projectors. H. A. H. J. Schaffner. 2,112,411; Mar. 29.
- Optometric apparatus. W. B. Blee and B. W. Kelly. 2,104,552; Jan. 4.
- Orchard heater. R. R. Bruner and L. R. Redden. 2,130,227; Sept. 13.
- Orchard heater. P. M. Forster. 2,132,021; Oct. 4.
- Orchard heater. L. O. Morin. 2,120,291; June 14.
- Ordnance, Loading of. D. G. Williams. 2,122,996; July 5.
- Ore concentrator. R. P. Akins. 2,106,290; Jan. 25.
- Ore concentrator. J. M. K. Ballou and H. W. Clark. 2,112,099; Mar. 22.
- Ore crushing machine. J. J. Morch. 2,105,003; Jan. 11.
- Ore flotation. J. B. Clemmer and R. G. O'Meara. 2,120,485; June 14.
- Ore flotation. B. R. Harris. 2,120,217; June 7.
- Ore leaching apparatus. H. S. Coe. 2,131,166; Sept. 27.
- Ore material, Sulphating an. R. L. Sessions and D. C. Mitchell. 2,121,887; June 28.
- Ore mill. W. F. J. McErean. 2,115,314; Apr. 26.
- Ore reducing machine. H. Hardinge. 2,115,223; Apr. 26.
- Ore, Roasting. E. J. Mullen. 2,104,091; Jan. 4.
- Ore separator. H. J. MacCamy. 2,104,349; Jan. 4.
- Ore treating system. A. C. Daman. 2,122,028; June 28.
- Ore, Treatment of alumina-magnesia-chromite. A. E. Greene. 2,110,573; Mar. 8.
- Ore, Treatment of cyanite. P. S. Hoyt. 2,105,597; Jan. 18.
- Ore treatment, Vermiculite. R. Ericson. 2,139,358; Dec. 6.
- Ores and flotation agents therefor, Concentrating. A. W. Ralston and W. O. Pool. 2,125,852; Aug. 2.
- Ores and the preparation of compounds therefrom, Treatment of lead bearing. T. A. Mitchell. 2,134,528; Oct. 25.
- Ores, Apparatus for the lixiviation of mineral. C. C. Jahn. 2,137,051; Nov. 15.
- Ores by means of froth flotation, Concentrating oxidized. G. Gutzeit. 2,125,631; Aug. 2.
- Ores, Concentrating. G. L. Collord. 2,134,103; Oct. 25.
- Ores, Concentrating. A. W. Ralston and W. O. Pool. 2,122,659; July 5.
- Ores, Concentration of. O. Fischer, T. Earle, and E. F. Haffey. 2,106,800; Feb. 1.
- Ores, Concentration of. G. H. Wigton. Re. 20,614; Jan. 4.
- Ores, Concentration of. G. H. Wigton. Re. 20,666; Mar. 1.
- Ores, Decomposition of titanium. I. J. Krichma. 2,112,966; Apr. 5.
- Ores, especially zinc sulphide ores containing lead and/or cadmium, Roasting of. S. Robson and T. B. Gyles. 2,131,786; Oct. 4.
- Ores, Flotation of carbonaceous. C. H. Breerwood. 2,130,574; Sept. 20.
- Ores, Improving chrome. M. J. Udy. 2,127,074; Aug. 16.
- Ores, Process and apparatus for roasting. E. J. Mullen. 2,108,593; Feb. 15.
- Ores, Process for roasting. E. J. Mullen. 2,108,592; Feb. 15.
- Ores, Roasting. E. J. Mullen. 2,113,058; Apr. 5.
- Ores, Treating. T. Earle. 2,106,887; Feb. 1.
- Ores, Treating chromite. C. G. Maier. 2,133,998; Oct. 25.
- Ores, Treating laterite. W. G. Hubler and F. R. Archibald. 2,105,456; Jan. 11.
- Ores, Treating lead. K. R. Göhre. 2,136,434; Nov. 15.
- Ores, Treating sulphide. N. V. Hybinette. 2,132,031; Oct. 4.
- Ores, Treating titaniferous. H. E. Dunn. 2,109,917; Mar. 1.
- Ores, Treatment of. R. S. Dean. 2,131,006; Sept. 20.
- Ores, Treatment of titanium. O. T. Coffelt. 2,138,090; Nov. 29.
- Ores with gases, Contacting fine. C. G. Maier. 2,133,997; Oct. 25.
- Organ key-control apparatus. R. G. Riesmeyer. 2,121,262; June 21.
- Organ, Pipe. C. S. Norburn and G. M. Quave. 2,105,793; Jan. 18.
- Organ, Pipe. G. M. Quave. 2,116,040; May 3.
- Organ, Pneumatic. C. S. Norburn. 2,131,637; Sept. 27.
- Organic complex, Separation of constituents from an. D. J. Loder. 2,135,456; Nov. 1.
- Organic complexes, Separation of constituents from. R. F. Schultz. 2,135,458; Nov. 1.
- Organic complexes, Separation of the constituents in. D. J. Loder. 2,135,457; Nov. 1.
- Organic compounds, Apparatus for the polymerization of. C. M. Fields. 2,136,425; Nov. 15.
- Organic compounds, Catalytic oxidation of. N. A. Milas and W. L. Walsh. 2,118,567; May 24.
- Organic compounds containing basic substitutes, Manufacture of. P. Schlack. 2,131,120; Sept. 27.
- Organic compounds from mixtures thereof, Separating saturated and unsaturated higher aliphatic. W. Grote, E. Hundsörfer, and J. Moos. 2,113,960; Apr. 12.
- Organic compounds, High molecular. K. Koeberle and O. Schlichting. 2,117,730; May 17.
- Organic compounds, Hydroxylation of. V. R. Kokatnur. 2,111,973; Mar. 22.
- Organic compounds, Manufacture of. H. Dreyfus. 2,108,109; Feb. 15.
- Organic compounds, Molding. D. E. Strain. 2,120,006; June 7.
- Organic compounds, Nitrogen-containing. F. B. Downing and F. W. Johnson. 2,129,264; Sept. 6.
- Organic compounds, Preparation of oxygenated. D. J. Loder. 2,135,453; Nov. 1.
- Organic compounds, Purification of. V. W. Ware. 2,131,925; Oct. 4.
- Organic derivatives of cellulose and making same, Colored. W. Whitehead. 2,128,338; Aug. 30.
- Organic derivatives of cellulose, Coloration. J. G. McNally and J. B. Dickey. 2,140,538; Dec. 20.
- Organic derivatives of cellulose, Transparent. H. E. Martin. 2,138,184; Nov. 29.
- Organic material and making the same, Synthetic. A. D. Whipple. 2,137,993; Nov. 22.
- Organic oxy compounds, Dehydration of. T. Evans. 2,140,694; Dec. 20.
- Organic product and making the same. A. D. Whipple. 2,137,994-5; Nov. 22.
- Orifice device, Adjustable. W. W. Timmis and W. K. Walker. 2,117,998; May 17.
- Orifice feeder, Dual. F. L. O. Wadsworth. 2,108,517; Feb. 15.
- Orifice valve, Changeable. J. C. Wynkoop. 2,114,066; Apr. 12.
- Ornament. A. T. Sebek. 2,107,840; Feb. 8.
- Ornament. J. W. Stark. 2,104,248; Jan. 4.
- Ornament and mounting therefor. O. F. Placco. 2,117,823; May 17.
- Ornament, Box. W. F. Schmalz. 2,114,860; Apr. 19.
- Ornament, Christmas tree. S. D. Cohen. 2,115,664; Apr. 26.
- Ornament, Clasp. R. Mantz. 2,118,411; May 24.
- Ornament construction. R. C. Bangs. 2,108,158; Feb. 15.
- Ornament, Decorative light. B. Berwick. 2,136,780; Nov. 15.
- Ornament, Ear. C. Harris. 2,107,938; Feb. 8.
- Ornament end connection, Belt. W. Forstner. 2,104,833; Jan. 11.



- Ornament for light bulbs, Reflector. E. I. Clemence. 2,134,356; Oct. 25.
- Ornament, Pocket. F. F. Jasperson. 2,136,691; Nov. 15.
- Ornamental device. F. Barnes. 2,120,456; June 14.
- Ornamental device. L. B. Muller. 2,141,402; Dec. 27.
- Ornamental device. O. Placco. 2,140,594; Dec. 20.
- Ornamental display device. H. W. Tucker and W. S. McLeish. 2,112,583; Mar. 29.
- Ornamental mounting. G. F. Mattman. 2,107,383; Feb. 8.
- Ornamental product. A. H. Cohn. 2,107,748; Feb. 8.
- Ornamentation. A. F. Reilly. 2,105,265; Jan. 11.
- Ornamentation, Beadlike metal surface. O. P. Riedel. 2,141,488; Dec. 27.
- Ornamentation, Inlaid metal surface. O. P. Riedel. 2,134,737; Nov. 1.
- Ornamentation work. J. G. Perseguitti. 2,104,547; Jan. 4.
- Ornamenting device. A. W. Altvater. 2,106,312; Jan. 25.
- Ornamenting die. C. G. Deubel. 2,140,791; Dec. 20.
- Ornamenting machine. B. W. Freeman. 2,140,697; Dec. 20.
- Ornamenting, Means for. G. A. Tinnerman. 2,118,746; May 24.
- Ortho-, meta, and para-phenylphenols, Separation of. E. C. Britton. 2,129,908; Sept. 13.
- Orthodontia bracket. A. Richardson. 2,125,587; Aug. 2.
- Orthodontic appliance. J. W. Ford. 2,104,192; Jan. 4.
- Orthopedic apparatus. O. O. Shafer. 2,114,322; Apr. 19.
- Orthopedic appliance. C. Bailie. 2,116,095; May 3.
- Orthopedic appliance. W. L. Bell. 2,124,102; July 19.
- Orthopedic instrument. C. Owens. 2,107,081; Feb. 1.
- Orthophosphate, Dehydrating trialkali. A. Welter. 2,109,811; Mar. 1.
- Orthoptic training. E. A., J. Y., and C. C. Taylor. 2,110,344; Mar. 8.
- Os calsis support. A. Macdonald. 2,120,055; June 7.
- Oscillating and stress-measuring means, Piezoelectric. A. M. Nicolson. 2,137,852; Nov. 22.
- Oscillating lamp. C. S. Monroe. 2,133,106; Oct. 11.
- Oscillation generator. D. Basin. 2,111,086; Mar. 15.
- Oscillation generator. M. Bowman-Manifold and R. E. Spencer. 2,125,732; Aug. 2.
- Oscillation generator. C. W. Hansell. 2,137,687; Nov. 22.
- Oscillation generator. N. E. Lindenblad. 2,121,158; June 21.
- Oscillation generation. W. V. Roberts. 2,114,113; Apr. 12.
- Oscillation generator. A. L. Samuel. 2,114,478; Apr. 19.
- Oscillation generator. J. Schalkwijk. 2,119,357; May 31.
- Oscillation generator, Crystal controlled. H. O. Peterson. 2,135,730; Nov. 8.
- Oscillation producing system. R. Andrieu. 2,139,432; Dec. 6.
- Oscillation restraint mechanism for locomotives or cars. O. K. Kjolseth. 2,108,676; Feb. 15.
- Oscillation system. R. H. Seaman and C. A. Schwenden. 2,124,595; July 26.
- Oscillation system and method, High frequency. G. C. Southworth. 2,129,713; Sept. 13.
- Oscillations, Arrangement for modulating high frequency. H. E. von Collas. 2,130,381; Sept. 20.
- Oscillations of crankshafts, Means adapted to reduce the torsional. R. R. Sarazin. Re. 20,773; June 28.
- Oscillator. M. Artzt. 2,113,365; Apr. 5.
- Oscillator. E. G. Linder. 2,110,448; Mar. 8.
- Oscillator. O. T. McIlvaine. 2,121,607; June 21.
- Oscillator. H. R. Meahl. 2,128,837; Aug. 30.
- Oscillator. O. M. Owsley. 2,117,101; May 10.
- Oscillator. W. J. Poch, C. C. Martinelli, and A. H. Turner. 2,109,752; Mar. 1.
- Oscillator, Adjustable ultra high frequency. G. L. Grundmann. 2,117,090; May 10.
- Oscillator and multiplier, Electronic. R. R. Goodrich. 2nd. 2,117,089; May 10.
- Oscillator, Audio. S. Sneed. 2,119,971; June 7.
- Oscillator, Audio frequency. N. Langer and C. W. W. Hoffman. 2,140,840; Dec. 20.
- Oscillator, Cathode ray. B. C. Gardner. 2,104,834; Jan. 11.
- Oscillator circuit tuning device, Local. W. V. B. Roberts. 2,111,737; Mar. 22.
- Oscillator, Electronic. L. Maltzer, J. A. Rajchman, and R. R. Goodrich. 2nd. 2,121,360; June 21.
- Oscillator, Frequency controlled electronic. I. Wolff. 2,113,225; Apr. 5.
- Oscillator, Frequency stable electric discharge. S. C. Hight. 2,113,210; Apr. 5.
- Oscillator, Magnetron. H. J. Scott. 2,122,495; July 5.
- Oscillator, Mechanical. J. D. Durkee and E. H. Yonkers. 2,110,144; Mar. 8.
- Oscillator, Mechanical. E. D. Nunn. 2,128,314; Aug. 30.
- Oscillator, Multipactor. P. T. Farnsworth. 2,137,528; Nov. 22.
- Oscillator of the Barkhausen type, High efficiency. R. A. Heising. 2,139,230; Dec. 6.
- Oscillator, Piezoelectric crystal. W. A. Ford. 2,130,272; Sept. 13.
- Oscillator, Radio tube. J. Markowitz. 2,140,267; Dec. 13.
- Oscillator stabilizing circuit. J. D. Reid. 2,121,447; June 21.
- Oscillator system, Constant frequency. J. B. Dow. 2,124,189; July 19.
- Oscillator system, Selective high frequency. H. Granger. 2,131,558; Sept. 27.
- Oscillator tube, High frequency. W. Dallenbach. 2,128,231; Aug. 30.
- Oscillator tube, Electronic. Y. Rocard. 2,115,877; May 3.
- Oscillator, Ultrahigh frequency. J. Evans. 2,113,340; Apr. 5.
- Oscillator, Ultrahigh frequency. A. H. Turner. 2,125,969; Aug. 9.
- Oscillatory circuit. C. W. Hansell. 2,138,161; Nov. 29.
- Oscillatory circuit, Short wave tuned. J. F. Dreyer, Jr. 2,120,518; June 14.
- Oscillatory system. W. V. B. Roberts. 2,114,114; Apr. 12.
- Oscillograph. Projecting. P. T. Farnsworth. 2,140,284; Dec. 13.
- Oscillograph apparatus. J. D. Eisler. 2,108,012; Feb. 8.
- Oscillograph apparatus. H. A. Iams. 2,130,134; Sept. 13.
- Oscillograph device. R. Andrieu. 2,134,094; Oct. 25.
- Oscillograph, High power projection. P. T. Farnsworth and F. J. Somers. 2,109,289; Feb. 22.
- Oscilloscope, Sound recording. H. L. Coughlan. 2,137,768; Nov. 22.
- Osteopathic machine. E. R. Monroe. 2,127,132; Aug. 16.
- Outboard motor. W. L. Kissel. 2,118,928; May 31.
- Outboard motor. O. C. Linthwaite. 2,111,325; Mar. 15.
- Outboard motor. O. C. Linthwaite. 2,127,744; Aug. 23.
- Outboard motor bracket. L. J. Harmon. 2,138,600; Nov. 29.
- Outboard swivel support. W. F. Zimmermann. 2,117,930; May 17.
- Outlet. S. H. Watson, Jr. 2,111,713; Mar. 22.
- Outlet box. M. J. Connors. 2,130,839; Sept. 20.
- Outlet box. I. and E. L. Howells. 2,126,259; Aug. 9.
- Outlet device, Safety. J. B. Cole. 2,115,195; Apr. 26.
- Outlet duct. M. M. Clayton. 2,119,776-7; June 7.
- Outlet system, Continuous. S. R. Feuer, H. Freedman, H. Hozinsky, and A. Balblinder. 2,105,833; Jan. 18.
- Output dose meter. H. Pychla. 2,104,378; Jan. 4.
- Outside pipe cutter. D. H. Reed. 2,132,645; Oct. 11.
- Oven. W. H. Frick. 2,109,382; Feb. 22.
- Oven. W. H. Frick. 2,122,093; June 28.
- Oven. D. D. Gillespie. 2,134,474; Oct. 25.
- Oven and system of ventilation therefor. H. E. Somes. 2,140,337; Dec. 13.
- Oven and the like, Regenerative coke. J. van Ackeren. 2,110,373; Mar. 8.
- Oven, Bake. R. P. Bolling. 2,120,829; June 14.
- Oven, Bake. J. Faulds. 2,106,052; Jan. 18.
- Oven, Baker's. J. M. Gantvoort. 2,122,397; July 5.
- Oven, Baker's. J. M. Gantvoort. 2,139,448; Dec. 6.
- Oven, Coking retort. J. van Ackeren. 2,132,522; Oct. 11.
- Oven, Coking retort. H. Drehschmidt. 2,129,658; Sept. 13.
- Oven, Collapsible. W. F. Sivey. 2,119,798; June 7.
- Oven construction. E. A. Albright. 2,129,634; Sept. 13.
- Oven construction. T. E. Dadson. 2,116,669; May 10.
- Oven construction. A. K. Weiskittel. 2,130,168; Sept. 13.
- Oven construction. O. Wundrack. 2,138,465; Nov. 29.
- Oven construction for stoves. A. K. Weiskittel. 2,139,988; Dec. 13.
- Oven, Continuous-vertical retort. W. Fitz. 2,110,377; Mar. 8.
- Oven door. E. Challet. 2,121,284; June 21.
- Oven door. M. Paul. 2,140,433; Dec. 13.
- Oven door. W. H. Sickinger. 2,111,055; Mar. 15.
- Oven door. C. C. Turner. 2,129,339; Sept. 6.
- Oven, Draw. C. B. Ferree. 2,130,420; Sept. 20.
- Oven, Drying. E. F. Fisher. 2,137,682; Nov. 22.
- Oven, Drying and/or smoking. T. Berger. 2,136,124; Nov. 8.
- Oven, Electric culinary. A. Walterspiel. 2,127,658; Aug. 23.
- Oven for the production of gas and coke, Chamber. H. Drehschmidt. 2,110,376; Mar. 8.
- Oven, Metallic lithographic. R. Byron. 2,134,906; Nov. 1.
- Oven, Regenerative coke. C. Otto. 2,132,641; Oct. 11.
- Oven regulator. A. M. Vedoe. 2,128,785; Aug. 30.
- Oven, Revolving drying. I. E. P. Huse. 2,119,916; June 7.
- Oven, Steam baking. W. Pfeiffer. 2,105,863; Jan. 18.
- Oven, Vertical conveyer. W. V. Baker. 2,110,352; Mar. 8.
- Oven with internally heated heating walls, Coke. F. Puching. 2,135,520; Nov. 8.
- Ovens and other chambers, Creating a moist atmosphere in bakers'. F. H. Bonner. 2,141,591; Dec. 27.
- Ovens, Construction for. A. K. Weiskittel. 2,139,990; Dec. 13.
- Ovens, Operation of regenerative. C. Otto. 2,108,610; Feb. 15.
- Overall. C. E. Wittmack. 2,132,668; Oct. 11.
- Overband for traction wheels. E. T. Johnson. 2,132,955; Oct. 11.
- Overcoat. C. B. Shane. 2,128,193; Aug. 23.
- Overdrive with sun gear release. W. B. Barnes. 2,127,637; Aug. 23.
- Overflow safety device. G. M. Lubow. 2,133,355; Oct. 18.
- Overhead door. J. B. Caldwell. 2,127,155; Aug. 16.



- Overhead door. H. B. Clark. 2,134,397; Oct. 25.  
Overhead door. H. B. Lewis. 2,129,221; Sept. 6.  
Overhead wire clamp. K. Eckl and O. Malterer. 2,133,660; Oct. 18.  
Overload indicator. V. L. Daniels. 2,105,410; Jan. 11.  
Overload release clutch. H. B. White and B. C. Becker. 2,112,318; Mar. 29.  
Overmodulation in receivers, System for preventing. G. Anders. 2,130,404; Sept. 20.  
Overrunning clutch. C. P. Cirac, T. W. Cooper, and W. W. MacDonald. 2,137,643; Nov. 22.  
Overshoe. E. F. Casey. 2,108,650; Feb. 15.  
Overshoe. E. W. Dunbar. 2,128,204; Aug. 23.  
Overshoe, Antiskid. T. M. Walker. 2,106,670; Jan. 25.  
Overshoe or galosh. J. de Noronha. 2,108,656; Feb. 15.  
Overshoe, Rubber. C. F. Berry. 2,132,523; Oct. 11.  
Overshoe, Rubber. E. W. Dunbar. 2,108,658; Feb. 15.  
Overshoe, Skaters. A. E. Fischer. 2,109,566; Mar. 1.  
Overshot. R. P. Sherman. 2,128,102; Aug. 23.  
Overspeed drive no back lockout. W. B. Barnes. 2,106,905; Feb. 1.  
Over-voltage protective device. L. S. Brach. 2,124,364; July 19.  
Oxacyanines and preparing them. F. M. Hamer. 2,108,485; Feb. 15.  
Oxidation. W. A. Darrah. 2,108,030; Feb. 8.  
Oxidation products of rubber. H. P. Stevens and F. J. W. Popham. 2,132,809; Oct. 11.  
Oxide catalyst, Vanadium. C. E. Andrews. 2,134,543; Oct. 25.  
Oxide of iron and making the same, Black. J. W. Ayers. 2,133,267; Oct. 18.  
Oxide, Production of nitrous. J. B. Castner and W. E. Kirst. 2,111,276; Mar. 15.  
Oxides and preventing pitting of electrical contacts, Apparatus for removing. L. E. Oberdick. 2,107,709; Feb. 8.  
Oxides and solid fuels, Preparation and use of metallic. C. C. Morfit and R. H. Sweetser. 2,121,160; June 21.  
Oxides and their preparation, Cyclic. A. A. Levine and O. W. Cass. 2,116,439; May 3.  
Oxides of nitrogen under pressure, Method of and apparatus for absorbing. I. Hechenbleikner. 2,138,165; Nov. 29.  
Oxides, Process and catalyst for making olefine. H. Langwell, C. B. Maddocks, and J. F. Short. 2,138,583; Nov. 29.  
Oxides, Production of alkylene. H. Dreyfus. 2,136,183; Nov. 8.  
Oxidized products, Making. W. B. D. Penniman. 2,112,250; Mar. 29.  
Oxygen, Apparatus for producing and storing. A. Messer. 2,107,797; Feb. 8.  
Oxygen emergency apparatus with closed respiratory circuit. M. Hausmann. 2,106,393; Jan. 25.  
Oxygen, especially for breathing purposes, Apparatus for generating. M. Hausmann. 2,121,034; June 21.  
Oxygen, especially for breathing purposes, Apparatus for generating. M. Hausmann. 2,121,347; June 21.  
Oxygen from air and delivering the oxygen under pressure, Apparatus for separating. A. Messer. 2,133,105; Oct. 11.  
Oxygen generating apparatus. A. Hloch. 2,114,142; Apr. 12.  
Oxygen-liberating composition, Preparing an. K. A. Gerson. 2,120,643; June 14.  
Oxygen tent. J. C. Steiner. 2,111,874; Mar. 22.  
Ozocerite, Apparatus for recovering. H. R. Dickinson. 2,136,281; Nov. 8.  
Ozocerite, Recovering. H. R. Dickinson. 2,136,280; Nov. 8.  
Ozonator. W. H. Cragun. 2,113,913; Apr. 12.  
Ozone, Apparatus for generating. R. U. Garrett. 2,125,672; Aug. 2.  
Ozone generator, Electric. J. M. Dally. 2,118,969; May 31.  
Ozonizer. A. R. Darling. 2,128,455; Aug. 30.  
Ozonizer. H. A. Winkelmann and A. B. Fridaker. 2,136,572; Nov. 15.  
P-amino-benzene-sulphonamides and producing them, Substituted. E. H. Stuart. 2,117,260; May 10.  
P-(benzylamino) benzene sulphonamides, Preparation of. P. E. C. Colasdet and R. L. Despois. 2,111,768; Mar. 22.  
Pack, Manifold. W. E. Oliver. 2,121,096; June 21.  
Pack, Sleeping. E. C. Robes, Jr. 2,133,717; Oct. 18.  
Package. L. Adler. 2,116,652; May 10.  
Package. I. W. Berkman. 2,130,728; Sept. 20.  
Package. J. Bollinger, Jr. 2,126,444; Aug. 9.  
Package. E. S. Dowling. 2,125,833; Aug. 2.  
Package. G. K. S. Ferguson. 2,133,021; Oct. 11.  
Package. B. J. Goldsmith. 2,136,078; Nov. 8.  
Package. G. W. Greenwood. 2,113,886; Apr. 12.  
Package. F. J. Helber. 2,137,398; Nov. 22.  
Package. A. Loos. 2,112,170; Mar. 22.  
Package. J. C. Mullins. 2,128,843; Aug. 30.  
Package. E. W. O'Neill and H. B. Hoskins. 2,131,699; Sept. 27.  
Package. S. Price, W. R. Hummel, and A. A. Bureau. 2,134,375; Oct. 25.  
Package. K. E. Prindle. 2,141,252; Dec. 27.  
Package. F. Roselius. 2,124,930; July 26.  
Package. E. J. Ruff. 2,122,588; July 5.  
Package. J. Stephens. 2,132,448; Oct. 11.  
Package. C. R. Webber. 2,108,278; Feb. 15.  
Package. W. E. Weeks. 2,124,324; July 19.  
Package. R. L. Wise. 2,106,388; Jan. 25.  
Package and closure for the same. G. W. Brownfield. 2,112,477; Mar. 29.  
Package and closure therefor, Sealed. F. R. Perkins. 2,123,546; July 12.  
Package and manufacture thereof. A. Wesselman. 2,107,096; Feb. 1.  
Package and package display. R. G. Cooper. 2,119,382; May 31.  
Package and package implement. R. W. Harris. 2,117,162; May 10.  
Package and packaging. M. J. Millmoe. 2,128,755; Aug. 30.  
Package and packaging, Baked loaf fraction. G. C. Papendick. 2,104,095; Jan. 4.  
Package and producing same. R. A. Ramsdell. 2,119,963; June 7.  
Package and rack, Combined display. H. M. Abrams. 2,135,093; Nov. 1.  
Package and wrapper therefor. W. A. Ringler. 2,109,504; Mar. 1.  
Package, Bat. M. Luery. 2,127,646; Aug. 23.  
Package, Collapsible. J. W. Simmons. 2,136,761-2; Nov. 15.  
Package collector. W. D. Kimball and C. I. Braren. 2,141,212; Dec. 27.  
Package, Combination. F. Smith. 2,135,242; Nov. 1.  
Package container. T. S. Culmell and J. A. G. Hernandez. 2,113,878; Apr. 12.  
Package delivering apparatus. E. Barrett. 2,108,302; Feb. 15.  
Package, Dispensing. C. H. Rasmussen. 2,108,902; Feb. 22.  
Package dispensing device. L. Lichtenstein. 2,104,523; Jan. 4.  
Package fabricator. L. L. Salfisberg. 2,140,117; Dec. 13.  
Package for candy, nuts, and the like, Dispensing. J. Friedl. 2,126,185; Aug. 9.  
Package for food products. J. C. Hershey. 2,138,005; Nov. 29.  
Package for hydrocolloid impression materials, Flexible. W. J. van Rossem. 2,105,623; Jan. 18.  
Package for hydrocolloid impression materials, Flexible. W. J. van Rossem. 2,108,953; Feb. 22.  
Package for liquids, Dispensing. B. F. Cahoon. 2,117,296; May 17.  
Package for liquids, Dispensing. R. W. Wilson and B. F. Cahoon. 2,128,567; Aug. 30.  
Package for plurality of articles. W. F. Swain. 2,133,122; Oct. 11.  
Package for sheet material. W. A. Gresenz. 2,118,380; May 24.  
Package for sheet material. A. W. Stompe. 2,115,673; Apr. 26.  
Package, Frozen comestible. A. E. Herron. 2,121,564; June 21.  
Package handle. W. F. Zettler. 2,128,723; Aug. 30.  
Package, Interfold sheet. D. Nystrand. 2,125,618; Aug. 2.  
Package inverting device. J. S. Cowl. 2,125,548; Aug. 2.  
Package making machine. F. E. Bickford. 2,128,982; Sept. 6.  
Package, Merchandising. W. T. Cox. 2,106,629; Jan. 25.  
Package, Merchandising. E. A. Janke. 2,130,646; Sept. 20.  
Package of material. H. F. Boeger. 2,135,790; Nov. 8.  
Package of pliable articles. B. F. Perkins. 2,111,723; Mar. 22.  
Package of thermoplastic material, Dispensing. W. J. van Rossem. 2,136,033; Nov. 8.  
Packages of viscous materials, Apparatus for emptying flexible walled. E. Piquerez. 2,126,973; Aug. 16.  
Package opening device. W. H. Plageman. 2,119,793; June 7.  
Package, Peanut butter. J. L. Rosefield. 2,141,725; Dec. 27.  
Package, Sealed. H. Koch and J. L. Burke. 2,138,241; Nov. 29.  
Package, Sealed. A. Podel. 2,131,969; Oct. 4.  
Package sealing. L. E. Davies. 2,107,237; Feb. 1.  
Package sealing machine. P. Wright. 2,112,585; Mar. 29.  
Package, Shipping and display. B. Klein. 2,124,335; July 19.  
Package structure. L. G. Copeman. 2,134,908; Nov. 1.  
Package structure, Perforate. L. L. Salfisberg. 2,138,358; Nov. 29.  
Package treating machine. F. E. Bickford. 2,130,761; Sept. 20.  
Package, Wire bound. J. W. Simmons. 2,106,384; Jan. 25.  
Package wrap. W. Lindsey. 2,118,849; May 31.  
Package wrapping machine. P. D. Parsons. 2,131,668; Sept. 27.  
Packages, Apparatus for making sealed. S. Bergstein. 2,122,510; July 5.  
Packages, Apparatus for the manufacture of. A. Wesselman. 2,114,411; Apr. 19.  
Packages, Method and apparatus for forming. C. W. Vogt. 2,113,636; Apr. 12.  
Packages, Method of and apparatus for assembling. R. R. Brogden. 2,133,278; Oct. 18.



- Packages of artificial yarn, Making. E. L. Griggs, Jr. 2,112,597; Mar. 29.
- Packages of spool spun silk, After treatment of. A. E. Sunderland. 2,138,216; Nov. 29.
- Packages or receptacles having flexible walls, Apparatus for emptying. E. Piquerez. 2,109,549; Mar. 1.
- Packages, Securing and carrying means for. O. Kind. 2,137,913; Nov. 22.
- Packages, Wrapping window. L. Ferenci. 2,130,680; Sept. 20.
- Packaging. J. W. Bell. 2,113,978; Apr. 12.
- Packaging. J. S. MacLean. 2,125,385; Aug. 2.
- Packaging. R. R. Richardson. 2,119,058; May 31.
- Packaging container. W. P. White. 2,137,745; Nov. 22.
- Packaging device. G. M. Ehlers. 2,135,134; Nov. 1.
- Packaging machine. F. E. Bickford. 2,116,995; May 10.
- Packaging machine. R. J. and J. H. Driscoll. 2,114,104; Apr. 12.
- Packaging machine. S. R. Howard. 2,116,895; May 10.
- Packaging machine. S. R. Howard. 2,138,101; Nov. 29.
- Packaging machine. W. A. Joplin. 2,126,193; Aug. 9.
- Packaging machine. P. Jost. 2,134,046; Oct. 25.
- Packaging machine. E. S. Killian and L. Povlacs, Jr. 2,134,049; Oct. 25.
- Packaging machine. E. E. Lakso. 2,113,658; Apr. 12.
- Packaging machine. M. J. Milmo. 2,116,607; May 10.
- Packaging machine, Automatic. N. B. Chaveas, W. C. and L. Kinsley, and D. K. Howe. 2,136,876; Nov. 15.
- Packed tool joint. M. T. Archer. 2,110,825; Mar. 8.
- Packer. C. S. Crickmer. 2,131,274; Sept. 27.
- Packer. E. P. Halliburton. 2,138,156; Nov. 29.
- Packer. P. B. Skinner. 2,113,098; Apr. 5.
- Packer. F. J. Spang. 2,136,597; Nov. 15.
- Packer, Combination. L. A. Layne. 2,135,583; Nov. 8.
- Packer and setting tool. W. L. Church. 2,123,500; July 12.
- Packer, Bearing. F. G. Welke. 2,137,659; Nov. 22.
- Packer, Chip. H. Coolidge. 2,119,571; June 7.
- Packer for oil wells. G. Hurst. 2,125,231; July 26.
- Packer for oil wells. O. L. Morrisett. 2,122,749; July 5.
- Packer for use in wells. D. Hanes. 2,122,742; July 5.
- Packer for wells. P. M. Rohrbaugh. 2,122,754; July 5.
- Packer for wells, Removable. E. P. Halliburton. 2,138,157; Nov. 29.
- Packer head. W. M. Lafferty. 2,134,614; Oct. 25.
- Packer, Hook wall. F. J. Spang. 2,106,859; Feb. 1.
- Packer, Multiple. F. J. Spang. 2,141,419; Dec. 27.
- Packer, Nozzle. H. B. Hale. 2,131,721; Sept. 27.
- Packer, Screw off. L. A. Layne, A. L. Roco, and H. C. Block. 2,120,981; June 21.
- Packer, Well. C. C. Brown. 2,138,569; Nov. 29.
- Packer, Well. F. McManis. 2,133,462; Oct. 18.
- Packet. L. E. Boyd. 2,115,699; May 3.
- Packet, Manifolding. J. Q. Sherman. 2,118,828; May 31.
- Packet, Manifolding. H. Stevens. 2,120,159-60; June 7.
- Packet, Miniature. L. Adler. Re. 20,843; Sept. 6.
- Packet, Paper. V. A. Strom. 2,120,317; June 14.
- Packet, Vending. J. W. Martin. 2,119,019; May 31.
- Packing. J. Miller. 2,118,855; May 31.
- Packing, Air tube. H. Heil. 2,135,940; Nov. 8.
- Packing assembly. G. Christenson. 2,106,829; Feb. 1.
- Packing assembly. M. G. Kurth. 2,124,623; July 26.
- Packing assembly, Anticorrosion. R. T. Halstead. 2,114,923; Apr. 19.
- Packing, Bearing. Z. E. Flick, J. R. Price, and L. G. Seacat. 2,117,472; May 17.
- Packing box and underreamer. R. A. Mitchell. 2,141,111; Dec. 20.
- Packing box, Fitted shoe. G. Mann. 2,129,501; Sept. 6.
- Packing box, Gas-tight. H. G. Kittredge and S. J. Broderick. 2,121,667; June 21.
- Packing case. G. W. Boh. 2,105,964; Jan. 18.
- Packing case. M. Round. 2,121,410; June 21.
- Packing, Constant pressure multistage. H. T. Wheeler. 2,117,528; May 17.
- Packing device. L. L. Rector. 2,139,207; Dec. 6.
- Packing device for rotary elements. E. M. Agren. 2,135,654; Nov. 8.
- Packing device for use in wells. W. E. Bendeler. 2,138,997; Nov. 29.
- Packing devices, Method and apparatus for producing. G. Ruegenberg. 2,124,931; July 26.
- Packing, Dry graphite lubricated fabric. N. Brackett. 2,134,324; Oct. 25.
- Packing, Elastic fluid turbine. F. Herrlinger. 2,135,304; Nov. 1.
- Packing element. C. S. Crickmer and R. A. Lamb. 2,132,723; Oct. 11.
- Packing, Fillet piston. G. O. Taylor. 2,121,995; June 28.
- Packing for bearings, Labyrinth. G. Nemetz. 2,108,724; Feb. 15.
- Packing for firearms, Breech. J. Hasek. 2,134,476; Oct. 25.
- Packing for ground coffee. F. Auban. 2,110,012; Mar. 1.
- Packing for hydraulic presses. W. B. Ware. 2,125,701; Aug. 2.
- Packing for perishable victuals. O. Metzger. 2,117,738; May 17.
- Packing for pipe joints. S. Evans. 2,104,799; Jan. 11.
- Packing for rotary shafts. F. Y. Nichols. 2,133,304; Oct. 18.
- Packing for stuffing boxes and the like. C. M. Roe. 2,112,545; Mar. 29.
- Packing, Fountain pen. H. Asai. 2,139,218; Dec. 6.
- Packing head. F. and A. L. Stone. 2,124,015; July 19.
- Packing, Hydraulic brake wheel cylinder. O. Rasmussen. 2,120,922; June 14.
- Packing, Labyrinth. E. K. Wegmann. 2,123,818; July 12.
- Packing machine. C. L. Doney. 2,127,393; Aug. 16.
- Packing machine. A. C. Prior. 2,117,625; May 17.
- Packing machine, Endless conveyer type. C. L. Doney. 2,127,394; Aug. 16.
- Packing, Making. W. J. Marshall. 2,110,303; Mar. 8.
- Packing material. M. R. Fenske. 2,135,703; Nov. 8.
- Packing material and assembly. G. Christenson. 2,106,293; Jan. 25.
- Packing, Means and method of. R. L. Bangs. 2,109,789; Mar. 1.
- Packing, Metallic. H. N. Comins. 2,131,272; Sept. 27.
- Packing, Metallic. K. Frey. 2,119,158; May 31.
- Packing retainer for journal boxes. C. T. Ripley. 2,141,019; Dec. 20.
- Packing ring. P. M. Freer. 2,107,241; Feb. 1.
- Packing ring. J. H. Kohler. 2,112,461; Mar. 29.
- Packing ring. A. W. Morton. Re. 20,674; Mar. 15.
- Packing ring. A. W. Wenzel. 2,124,094; July 19.
- Packing ring, Annular accordion. H. T. Wheeler. 2,124,095; July 19.
- Packing ring holding apparatus. A. W. Wenzel. 2,137,737; Nov. 22.
- Packing, Shaft. E. L. Thearle. 2,133,879; Oct. 18.
- Packing stabber. J. M. Clevenger. 2,117,149; May 10.
- Packing, Stuffing box. P. Barry. 2,132,010; Oct. 4.
- Packing support. R. S. Beach. 2,139,063; Dec. 6.
- Packing with braided asbestos jacket, Plastic. F. E. Payne. 2,134,671; Oct. 25.
- Packless bearing. D. Murphy. 2,128,496; Aug. 30.
- Pad: See—
- Axle spring pad. Horse-collar pad.
- Brassiere and breast pad. Ink pad.
- Breastplate cover pad. Ink stamp pad.
- Bunion pad. Knee pad.
- Chemical heating pad. Medicated pad.
- Corn pad. Notebook pad.
- Curler pad. Removable nose pad.
- Diaper pad. Resilient pedal pad.
- Elbow pad. Seat pad.
- Filter pad. Steel wool pad.
- Foot deodorant pad. Table pad.
- Hair waving pad. Tongue pad.
- Hair waving wrapper pad. Waving pad.
- Heating pad. Waxing pad.
- Horseback rider's pad. Writing pad.
- Pad and board, Ironing. M. C. Nicholson. 2,133,175; Oct. 11.
- Pad and cushion, Seat. E. P. Harley. 2,129,353; Sept. 6.
- Pad and method, Hair waving. B. A. Sterling. 2,129,246; Sept. 6.
- Pad and plaster, Corn. W. L. Schrader. 2,123,121; July 5.
- Pad and shield and harness therefor, Combination sanitary. R. P. Buckingham. 2,141,970; Dec. 27.
- Pad and the like and making same, Insulating. C. T. Gould and H. M. Bonney. 2,137,756; Nov. 22.
- Pad and the like, Breast. E. L. Martin. 2,108,205; Feb. 15.
- Pad folding machine. O. T. Thompson. 2,134,459; Oct. 25.
- Pad for hair waving, Scalp protecting. V. Geraci. 2,121,466; June 21.
- Pad for permanent hair waving, Chemical heating. F. L. Reynolds and L. Markel. 2,133,115; Oct. 11.
- Pad for permanent hair waving, Protector. H. Bonat. 2,108,469; Feb. 15.
- Pad for pressing machines and producing same. R. E. Niemann. 2,139,033; Dec. 6.
- Pad for the shoulders of wearing apparel. S. Fraiss, known as Sam Fraiss. 2,110,951; Mar. 15.
- Pad for use in conjunction with horseshoes, Resilient. F. J. Marsh. 2,126,904; Aug. 16.
- Pad for use with horseshoes. B. P. Gray. 2,105,242; Jan. 11.
- Pad holder. P. J. O'Brien. 2,124,429; July 19.
- Pad holder. V. B. Trevelyan. 2,109,404; Feb. 22.
- Pad holding device. J. E. Renholdt. 2,135,470; Nov. 1.
- Pad of paper sheets. J. D. Lane and R. H. Wilbur. 2,123,903; July 19.
- Pad, Steel wool. E. R. Martin. Re. 20,919; Nov. 15.
- Pads in receptacle closure caps, Apparatus for assembling sealing. J. A. Johnson. 2,113,592; Apr. 12.
- Pads in receptacle closure caps, Apparatus for assembling sealing. J. A. Johnson. 2,138,923; Dec. 6.
- Pads, Making hair waving. C. J. Rohland. 2,121,986; June 28.
- Padding for gentlemen's and ladies' clothes. O. Wallner. 2,122,502; July 5.
- Padding for pressing devices. J. R. Crookford. 2,125,603; Aug. 2.
- Padding material for jewelry containers. R. E. Reed. 2,113,122; Apr. 5.
- Paddle, Agitator. P. Dace. 2,119,074; May 31.
- Paddle wheel. M. J. Ryne. 2,130,522; Sept. 20.
- Padlock. J. Allman. 2,132,201; Oct. 4.
- Padlock. J. A. Cox. 2,109,413; Feb. 22.
- Padlock. C. E. Habram and D. J. Foote. 2,136,435; Nov. 15.



- Padlock. H. Hansen. 2,141,748; Dec. 27.  
 Padlock. S. Wise. 2,140,490; Dec. 13.  
 Padlock, Combination. M. O. Behnke. 2,112,979; Apr. 5.  
 Padlock, Combination. H. E. Soref and J. K. Marshall. 2,113,864; Apr. 12.  
 Padlock construction. A. Schoorel and H. F. Kell. 2,116,965; May 10.  
 Padlock, Key and permutation operated. D. M. Bell. 2,133,528; Oct. 18.  
 Padlock, Permutation. H. E. Soref and J. K. Marshall. 2,105,337; Jan. 11.  
 Pail. F. H. McCormick. 2,127,958; Aug. 23.  
 Pail and egg crate, Dinner. H. W. Hoessman. 2,104,650; Jan. 4.  
 Pail, Milk. A. Bernat. 2,138,537; Nov. 29.  
 Pail, Milking. J. F. George. 2,117,799; May 17.  
 Paint. O. F. Gargen and C. J. Ernst. 2,125,237; July 26.  
 Paint and liquid mixer. A. P. Jorgenson. 2,109,233; Feb. 22.  
 Paint and liquid mixer, Portable. A. P. Jorgenson. 2,115,956; May 3.  
 Paint and making the same, Bituminous. E. J. Canavan. 2,121,949; June 28.  
 Paint and producing the same. D. L. Gamble and L. D. Grady, Jr. 2,135,936; Nov. 8.  
 Paint base, Face. H. Winterstein née Vierthaler. 2,134,494; Oct. 25.  
 Paint box. V. M. Eckhoff. 2,107,239; Feb. 1.  
 Paint composition. H. A. Gardner. 2,129,925; Sept. 13.  
 Paint composition. P. L. F. Magill and C. Dangelmajer. 2,104,264; Jan. 4.  
 Paint mixer. F. M. Giddings. 2,130,542; Sept. 20.  
 Paint, Pitch. G. W. Bennett. 2,123,560; July 12.  
 Paint, Preparing a casein. A. J. Menaker. 2,132,243; Oct. 4.  
 Paint softening tool. L. A. Daniels. 2,109,022; Feb. 22.  
 Paint solutions from rubber, Producing. E. O. Coats. Re. 20,742; May 31.  
 Paint spray filter. V. Dahlman. 2,125,271; Aug. 2.  
 Paint striper, Automatic. K. V. Eklov. 2,117,023; May 10.  
 Painter's apparatus. R. J. Simons. 2,107,769; Feb. 8.  
 Painting and similar composition. E. C. Clayton and L. L. Heffner. 2,118,787; May 24.  
 Pajamas. L. G. Milkes. 2,131,898; Oct. 4.  
 Palette or value control palette, Educational. H. De Haven. 2,137,477; Nov. 22.  
 Palladium alloy. O. Feussner and A. Jedele. 2,123,330; July 12.  
 Palladium nickel ruthenium alloy. S. Cohn. 2,105,312; Jan. 11.  
 Palladium, Treating. J. S. Streicher. 2,139,529; Dec. 6.  
 Pan assembling device, Oil. L. J. and R. V. Tichota. 2,121,937; June 28.  
 Pan, Dish drying. H. Sand. 2,118,984; May 31.  
 Pan, Drain. P. Griffin. 2,126,631; Aug. 9.  
 Pan for cranks, Oil. E. B. Curtiss. 2,132,402; Oct. 11.  
 Pan lifter. R. H. Lebew. 2,127,038; Aug. 16.  
 Pan lifter. L. L. Phelps. 2,137,458; Nov. 22.  
 Panlifter. A. V. Porro. 2,137,180; Nov. 15.  
 Pan. Multiple baking. J. Coats. 2,139,699; Dec. 13.  
 Pan set, Baking. J. G. Jackson. 2,116,489; May 3.  
 Pan set, Centering. J. G. Jackson. 2,116,488; May 3.  
 Pan set, Centering. A. Katzinger. 2,116,490; May 3.  
 Pan set construction, Baking. J. Kollman. 2,116,975; May 10.  
 Pan set, Seamless baking. J. G. Jackson. 2,116,487; May 3.  
 Pan, Vacuum. G. Duncan. 2,141,686; Dec. 27.  
 Pane holding device, Glass. J. F. Campion. 2,117,939; May 17.  
 Pane securing means. E. Bugatti. 2,129,404; Sept. 6.  
 Panel. H. B. Denman. 2,131,728; Oct. 4.  
 Panel and fastener therefor, Trim. H. J. Woodall. 2,111,590-1; Dec. 27.  
 Panel and fastener, Trim. F. N. Ross. 2,137,883; Nov. 22.  
 Panel assembly, Trim. G. A. Tinnerman. 2,141,700; Dec. 27.  
 Panel, Automobile. C. C. Harrah. 2,129,838; Sept. 13.  
 Panel cabinet. R. H. Kingdon. 2,126,995; Aug. 16.  
 Panel construction, Fabricated brick wall. E. V. Poston. 2,122,696; July 5.  
 Panel fastener. J. H. Bates. 2,104,550; Jan. 4.  
 Panel fastener. H. J. Woodall. 2,110,351; Mar. 8.  
 Panel for buildings, Sliding. R. S. Maclean. 2,114,450; Apr. 19.  
 Panel, Laminated. G. R. Cunningham. 2,129,167; Sept. 6.  
 Panel, Laminated. M. S. Randall. 2,129,308; Sept. 6.  
 Panel mounting. J. Brackeveldt. 2,126,167; Aug. 9.  
 Panel mounting assembly. C. L. Neumcister. 2,139,641; Dec. 6.  
 Panel, Nonshrinkable wood. A. Elmendorf. 2,108,479; Feb. 15.  
 Panel or shingle, Composite roof. A. Elmendorf. 2,130,178; Sept. 13.  
 Panel, Plywood. R. A. Muller. 2,133,108; Oct. 11.  
 Panel structure and making same, Weatherproof. J. W. Shields. 2,121,512; June 21.  
 Panel, Securing trim. B. C. Placa. 2,120,942; June 14.  
 Panel siding, Interlocking. L. H. Mattes and R. S. Maclean. 2,122,577; July 5.  
 Panel, Steering wheel instrument. B. C. Harris. 2,138,163; Nov. 29.  
 Panel structure. H. E. Marks. 2,104,089; Jan. 4.  
 Panel structure. D. S. Mussey. 2,137,623; Nov. 22.  
 Panel units together, Attaching wall. H. H. Keller. 2,107,418; Feb. 8.  
 Paneling, Interior. F. M. Small. 2,121,213; June 21.  
 Paneling structure. L. J. Powell. 2,137,508; Nov. 22.  
 Panels, Forming trim. A. J. Jarosik. 2,135,578; Nov. 8.  
 Pancreas-derived product and producing it. L. R. Dragstedt, J. Van Prohaska, and H. P. Harms. 2,115,418; Apr. 26.  
 Pants measuring device. R. C. Blach. 2,114,990; Apr. 26.  
 Pants, Athletic. M. Luery and E. Beler. 2,135,213; Nov. 1.  
 Panties with shape-retaining cuffs. H. B. Snader. 2,127,541; Aug. 23.  
 Papain product and preparing same. A. Klotz. 2,130,137; Sept. 13.  
 Paper and analogous material container. J. K. M. Harrison. 2,106,738; Feb. 1.  
 Paper and coating therefor, Sensitized blue print. A. P. Reynolds. 2,126,504; Aug. 9.  
 Paper and impregnating it with a resinous binder and the product, Producing pigmented. G. H. Mains. 2,125,076; July 26.  
 Paper and making safety paper, Safety. F. L. Simons and M. W. Weiss. 2,129,362; Sept. 6.  
 Paper and making same, Safety. F. L. Simons and M. W. Weiss. 2,129,363; Sept. 6.  
 Paper and making same, Wrapping. S. Bohn. 2,132,931; Oct. 11.  
 Paper and other materials, Apparatus for determining the opacity of. O. Maass and R. E. Richardson. 2,125,639; Aug. 2.  
 Paper and the like, Apparatus for the manufacture of. E. Hutchins. 2,141,393; Dec. 27.  
 Paper and the like, Method and apparatus for coating. R. S. Bracewell. 2,130,060; Sept. 13.  
 Paper and the like, Method of and machine for drying or conditioning webs of. D. B. Bradner. 2,130,665; Sept. 20.  
 Paper and the like, Wrapping toilet. S. J. Campbell. 2,113,078; Apr. 5.  
 Paper and making the same, Decorative. G. Householder and W. V. Shearer. 2,139,269; Dec. 6.  
 Paper and making the same, Moistureproof coated. B. C. Miller. 2,117,199; May 10.  
 Paper and manufacture of paper. W. E. B. Baker. 2,106,709; Feb. 1.  
 Paper and manufacture thereof, Pliable and soft. F. Sommer. 2,137,310; Nov. 22.  
 Paper and treating same, Light sensitive. C. A. Crowley and G. H. Goodyear. 2,113,423; Apr. 5.  
 Paper and treating same, Light sensitive. C. A. Crowley and G. H. Goodyear. 2,130,070-1; Sept. 13.  
 Paper and treating same, Light sensitive. C. A. Crowley and G. H. Goodyear. 2,137,015; Nov. 15.  
 Paper, Apparatus for sizing photographic. J. C. Trahey. 2,129,249; Sept. 6.  
 Paper, Art and machine for working. D. M. McBean. 2,124,582; July 26.  
 Paper, Art for the treatment of tissue. G. C. Hoffman. 2,106,096; Jan. 18.  
 Paper article. K. Clark. 2,121,951; June 28.  
 Paper bag. H. A. Wolf. 2,132,669; Oct. 11.  
 Paper-bag machine attachment. W. C. Hepke. 2,106,740; Feb. 1.  
 Paper-bag-machine attachment. W. C. Hepke. 2,107,249; Feb. 1.  
 Paperboard article, Indented. G. E. Bomberger. 2,129,488; Sept. 6.  
 Paperboard making machines, Corrugated. G. W. Swift, Jr. 2,107,430; Feb. 8.  
 Paperboards, Forming of. E. R. Smith. 2,107,587; Feb. 8.  
 Paper box. H. Hirsch. 2,141,438; Dec. 27.  
 Paper box, Folding. A. Cormier. 2,134,860; Nov. 1.  
 Paper cabinet. T. R. Daykin. 2,110,827; Mar. 8.  
 Paper clip. R. H. Colomy. 2,129,160; Sept. 6.  
 Paper, Coated. P. S. Barnhart. 2,119,509; June 7.  
 Paper, Coated. V. B. Goodwin and W. H. Pashley. 2,128,296; Aug. 30.  
 Paper, Coated. S. S. Himmell. 2,119,164; May 31.  
 Paper, Coated. B. C. Miller. 2,117,200; May 10.  
 Paper coating. P. S. Barnhart. 2,119,508; June 7.  
 Paper, Coating. J. D. MacLaurin. 2,130,241; Sept. 13.  
 Paper container. C. L. Marshall. 2,112,571; Mar. 29.  
 Paper container. G. A. Moore. 2,120,898; June 14.  
 Paper cutter. L. B. Wolfson. 2,118,751; May 24.  
 Paper-cutting appliance. H. Wamser. 2,141,574; Dec. 27.  
 Paper cutting machine. G. W. Johnston. 2,127,563; Aug. 23.  
 Paper cutting machine. F. W. Seybold. 2,127,432; Aug. 16.  
 Paper, Decalcomania. L. Davis. Re. 20,936; Dec. 6.  
 Paper, Decalcomania. L. Davis. 2,104,025; Jan. 4.  
 Paper, Decalcomania. J. MacLaurin. 2,128,588; Aug. 30.  
 Paper, Deinking. H. C. Fisher. 2,112,562; Mar. 29.  
 Paper dispenser. B. E. Colburn. 2,122,637; July 5.  
 Paper dispensing cabinet, Roll. G. Carruthers. 2,114,628; Apr. 19.



- Paper dispensing device. L. M. Harvey. 2,137,490; Nov. 22.
- Paper fastener. D. A. Brennan. 2,119,843; June 7.
- Paper fastener. G. B. Hunt. 2,125,724; Aug. 2.
- Paper fastener. E. S. Roscoe. 2,136,021; Nov. 8.
- Paper fastener. J. Schade. 2,125,464; Aug. 2.
- Paper fastener. W. H. Smith. 2,123,974; July 19.
- Paper feed mechanism for cash registers. E. H. Placke and G. H. Tasker. 2,127,652; Aug. 23.
- Paper feeding device. G. T. Fyfe and J. G. Catterall. 2,110,855; Mar. 15.
- Paper feeding device. U. M. W. Kölm and H. Mutschler. 2,131,895; Oct. 4.
- Paper feeding device. W. P. Scharr. 2,138,646; Nov. 29.
- Paper feeding device for writing machines. J. Q. Sherman. 2,109,510; Mar. 1.
- Paper feeding mechanism. E. Reingruber. 2,107,128; Feb. 1.
- Paper folding machine. J. Mentges. 2,136,977; Nov. 15.
- Paper for printing machines, System and apparatus for handling. R. Stuart and M. H. Loughridge. 2,135,541; Nov. 8.
- Paper for roll coating film, Backing. P. C. Seel. 2,126,350; Aug. 9.
- Paper, Greaseproof gummed. F. W. Humphner. 2,126,192; Aug. 9.
- Paper handling machine. R. Hitchcock. 2,124,855; July 26.
- Paper holder. F. E. Sloan. 2,110,279; Mar. 8.
- Paper, Insectproof. N. P. Easling. 2,129,659; Sept. 13.
- Paper instruments, Machine for printing commercial. E. Watson and H. R. Baker. 2,141,577; Dec. 27.
- Paper, Laminated. V. Wilshire. 2,123,760; July 12.
- Paper, Laminated glassine. C. M. Connor. 2,128,739; Aug. 30.
- Paper machine. B. A. Malkin. 2,126,486; Aug. 9.
- Paper machine. A. Richards. 2,131,754; Oct. 4.
- Paper machine distributing apparatus. J. P. Strasser. 2,111,440; Mar. 15.
- Paper machinery. H. L. Kutter. 2,141,273; Dec. 27.
- Paper making. H. A. Du Bois. 2,132,016; Oct. 4.
- Papermaking. F. J. McAndrews and L. Long. 2,112,540; Mar. 29.
- Paper, Making. W. C. Nash. 2,108,231; Feb. 15.
- Paper making machine. H. S. Furminger. 2,108,116; Feb. 15.
- Paper making machine. H. L. Kutter. 2,116,763; May 10.
- Paper making machine. N. J. Niks. 2,127,698; Aug. 23.
- Paper making machine, Cross-current flow Fourdrinier. E. E. Berry. 2,139,874; Dec. 13.
- Paper making method and machine. H. A. Chuse. 2,118,491; May 24.
- Paper, Making neutral sized. W. A. Nivling. 2,138,325; Nov. 29.
- Paper, Making washable. C. G. Bright. 2,123,399; July 12.
- Paper manufacture. H. P. Carroth. 2,111,089; Mar. 15.
- Paper manufacture. L. R. Growdon. 2,121,540; June 21.
- Paper manufacture. R. A. Packard. 2,123,958; July 19.
- Paper manufacture. H. R. Rafton. 2,115,747; May 3.
- Paper manufacture. H. R. Rafton. 2,117,256; May 10.
- Paper, Manufacture and development of light-sensitive coated. H. J. Brunk and M. Dickason. 2,141,103; Dec. 20.
- Paper, Manufacture of corrugated. C. Q. Ives. 2,104,996; Jan. 11.
- Paper, Manufacture of safety. V. T. Bausch and A. Schroth. 2,112,756; Mar. 29.
- Paper, Manufacturing. J. Oltmans. 2,105,052; Jan. 11.
- Paper, Metal coated. B. C. Miller. 2,105,440; Jan. 11.
- Paper, Method and apparatus for winding. C. Davis. 2,130,332; Sept. 13.
- Paper, Method of and apparatus for coating. D. R. MacDonald. 2,135,406; Nov. 1.
- Paper or board manufacture, Ply. J. W. Sale. 2,067; Mar. 8.
- Paper or fiberboard, Apparatus for making saturated, sized, filled, or coated. I. J. Novak. 2,104,052; Jan. 4.
- Paper, Packaging. P. S. McDonnell. 2,119,956; June 7.
- Paper positioning apparatus for typewriters. C. Wittenmyer. 2,127,798; Aug. 23.
- Paper, Process and apparatus for coating. J. D. MacLaurin. 2,118,212; May 24.
- Paper, Process and apparatus for the manufacture of. E. A. Charlton. 2,124,028; July 19.
- Paper product, Gummed. F. W. Humphner. 2,125,241; July 26.
- Paper products, Making. F. W. Robinson. 2,126,022; Aug. 16.
- Paper products, Process and apparatus for the manufacture of. H. A. Ellis and W. A. Slattery. 2,113,297; Apr. 5.
- Paper pulp and the like, Apparatus for treating. K. A. Thorsen. 2,138,715; Nov. 29.
- Paper pulp, Cork treated. L. L. Larson. 2,121,703; June 21.
- Paper punching machine, Photographic. E. P. Flynn and G. F. Roble. 2,117,797; May 17.
- Paper receptacle. O. Kasdorf. 2,113,481; Apr. 5.
- Paper registering control. A. S. Fitz Gerald. 2,119,070; June 7.
- Paper registering system. A. S. Fitz Gerald. 2,108,767; Feb. 15.
- Paper retainer. F. C. Bartels. 2,110,947; Mar. 15.
- Paper roll and method of splicing to expiring web. D. J. Scott. 2,104,774; Jan. 11.
- Paper roll holder. J. Pflieger and M. Marrapese. 2,141,314; Dec. 27.
- Paper roll support. W. Hoppe and F. B. Roberts. 2,134,043; Oct. 25.
- Paper roll support, Adjustable. J. H. Williams. 2,107,020; Feb. 1.
- Paper, Shelf. F. A. Conrad. Re. 20,894; Oct. 25.
- Paper sizing. J. A. De Cew. 2,137,239; Nov. 22.
- Paper, Sizing. G. T. Lane and R. W. Peters. 2,136,110; Nov. 8.
- Paper sizing. L. L. Larson. 2,109,944; Mar. 1.
- Paper, Sizing. B. W. Rowland. 2,116,768; May 10.
- Paper sizing. J. C. Schmidt. 2,109,931; Mar. 1.
- Paper spacing device. C. D. Lake. 2,126,644; Aug. 9.
- Paper stock, Apparatus for making up batches of. C. W. Morden. 2,132,874; Oct. 11.
- Paper stock deinking method. T. Earle. 2,116,511; May 10.
- Paper structure, Manufacture of tubular. E. C. Hughes. 2,126,556; Aug. 9.
- Paper supporting and feeding apparatus. O. J. Sundstrand. 2,106,285; Jan. 25.
- Paper system, Recording. J. V. L. Hogan. 2,111,776; Mar. 22.
- Paper, Test. H. Yagoda. 2,129,754; Sept. 13.
- Paper to printing presses, Supplying. J. A. Dunlap. 2,120,778; June 14.
- Paper towel dispenser. E. Jacobsen. 2,116,792; May 10.
- Paper towel receptacle. H. A. Bisson. 2,125,420; Aug. 2.
- Paper, Treating. C. D. Rockwood and K. L. Osmun. 2,107,343; Feb. 8.
- Paper, Varnished. A. Reilly. 2,139,603; Dec. 6.
- Paper web support. J. B. Janney. 2,104,484; Jan. 4.
- Paper webs and the like, in particular for the longitudinal creping of paper, Process and apparatus for varying the width of. R. Haas. 2,141,433; Dec. 27.
- Paper webs, Forming. W. R. Kellett. 2,134,408; Oct. 25.
- Paper, Wrapping. G. J. Brabender. 2,117,237; May 10.
- Papers, Apparatus for making laminated wrapping. D. Grant. 2,136,739; Nov. 15.
- Papers, Enhancing the wet-strength of. M. O. Schur. 2,116,544; May 10.
- Papers, Process and machine for making crushed corrugated. W. W. Rowe and W. A. Morris. 2,139,285; Dec. 6.
- Papers, Producing sized. F. G. Rawling. 2,114,809; Apr. 19.
- Parachute. O. A. Baker. 2,104,966; Jan. 11.
- Parachute. L. J. M. Capel. 2,111,886; Mar. 22.
- Parachute. L. P. Frieder. 2,134,362; Oct. 25.
- Parachute. R. H. Hart. 2,120,177; June 7.
- Parachute. S. Nonaka. 2,116,037; May 3.
- Parachute. G. Sedlmayr. 2,119,183; May 31.
- Parachute. W. E. Tingle. 2,127,895; Aug. 23.
- Parachute apparatus. R. H. Hart. 2,117,319; May 17.
- Parachute apparatus. F. Smith. 2,130,567-9; Sept. 20.
- Parachute construction. J. H. Pool. 2,125,198; July 26.
- Parachute device. S. Switlik. 2,111,303; Mar. 15.
- Parachute harness. L. L. Irvin. 2,130,547; Sept. 20.
- Parachute harness. S. O. C. Kuhlmann. 2,108,066; Feb. 15.
- Parachute harness. H. G. Rogers. 2,130,564; Sept. 20.
- Parachute release device, Time controlled. W. Bird and D. R. Clark. 2,114,897; Apr. 19.
- Parachute supporting device. S. O. C. Kuhlmann and C. H. Lundholm. 2,108,491; Feb. 15.
- Parachute training device. J. H. Strong. 2,132,908; Oct. 11.
- Parachutes, Suspension of. L. Avorio. 2,112,061; Mar. 22.
- Para cresol, Nitration of. R. Frye and G. M. O'Neal. 2,136,187; Nov. 8.
- Paraffin and wax, Dissolving. W. B. Lerch and T. M. White. 2,139,595; Dec. 6.
- Paraffin cleaner. G. R. Buckley and W. A. McGrew. 2,141,508; Dec. 27.
- Paraffin from mineral oils, Apparatus for extracting. H. Süß. 2,136,062; Nov. 8.
- Paraffin, Manufacture of stable. R. E. Burk and H. P. Lankelma. 2,110,950; Mar. 15.
- Paraffin scraper. P. M. Rea. 2,124,869; July 26.
- Paraffin wax and producing, Stabilized chlorinated. W. T. Bishop. 2,119,149; May 31.
- Paraffin wax, Fluorinated. F. M. Clark. 2,122,278; June 28.
- Paraffins, Dehydrogenation of gaseous. H. Tropsch. 2,122,788 9; July 5.
- Parallel motion tool. J. W. Geddes. 2,112,193; Mar. 22.
- Parasites, Protection from marine. F. G. Brammer. 2,138,831; Dec. 6.
- Parasiticide composition. E. W. Bousquet. 2,139,256; Dec. 6.
- Parasiticide composition, Photochemically stabilized thiodylamine. E. W. Bousquet. 2,123,929; July 19.
- Parasiticide composition, Stabilized. E. W. Bousquet. 2,123,928; July 19.
- Parasiticide compositions, Stabilized. P. L. Salzberg. 2,112,381; Mar. 20.



- Parasiticide. P. L. Salzberg. 2,122,781; July 5.  
Parcel post machine. F. Q. Rast. 2,111,128; Mar. 15.  
Parcel supporting device. F. W. Kent. 2,110,128; Mar. 8.  
Parka. L. Shanhouse. 2,133,907; Oct. 18.  
Parking brake. G. F. Klampferer. 2,119,638; June 7.  
Parking control apparatus. E. J. Sweetland. 2,121,179; June 21.  
Parking meter. E. R. Beverley. 2,122,973; July 5.  
Parking meter. L. J. Darley. 2,105,970; Jan. 18.  
Parking meter. C. Klement. 2,115,024; Apr. 26.  
Parking meter. J. E. Morris. 2,122,351; June 28.  
Parking meter. D. C. Rockola. 2,130,155; Sept. 13.  
Parking meter, Coin controlled. C. C. Magee. 2,118,318; May 24.  
Particles differing in specific gravity, Method and apparatus for grading. F. W. Thorold. 2,109,121; Feb. 22.  
Particles from liquids, Apparatus for recovering. I. Wallquist. 2,129,802; Sept. 13.  
Partition. L. L. Levene. 2,107,334; Feb. 8.  
Partition. B. S. Pease. 2,119,889-90; June 7.  
Partition. G. Slayter and H. W. Collins. 2,118,237; May 24.  
Partition, Adjustable counter. C. B. St. John. 2,121,492; June 21.  
Partition assembly for freezing trays. L. W. Atchison. 2,136,226; Nov. 8.  
Partition construction, Steel. M. A. Callaghan. 2,138,291; Nov. 29.  
Partition element for freezing trays. L. W. Atchison. 2,112,060; Mar. 22.  
Partition end supporting device. P. H. Meyer. 2,127,827; Aug. 23.  
Partition, Flooring. C. F. Davis. 2,105,588; Jan. 18.  
Partition for stock cars, Adjustable portable. R. F. Truscott. 2,127,194; Aug. 16.  
Partition, Hollow. A. V. Spinosa. 2,134,155; Oct. 25.  
Partition insert, Sink. S. M. Moyes. 2,109,089; Feb. 22.  
Partition, Portable. A. G. Peterson. 2,105,095; Jan. 11.  
Partition securing clamp. M. Sigurdson. 2,134,212; Oct. 25.  
Partition, Slidable. H. H. Stevens, Jr. 2,121,106; June 21.  
Partition structure and lathing therefor. T. R. Herbst, Jr. 2,139,749; Dec. 13.  
Partition system. M. Berger. 2,107,624; Feb. 8.  
Partitioning, Metallic. A. B. Bell. 2,132,601; Oct. 11.  
Parts by self-piercing means, Fastening. W. H. Churchill. 2,133,916; Oct. 18.  
Paste applying device. D. Parks. 2,123,313; July 12.  
Paste-applying device for cigarette machines. J. W. Leary. 2,130,689; Sept. 20.  
Paste dispenser. H. Bond. 2,130,176; Sept. 13.  
Paste dispenser. W. H. Coates. 2,110,868; Mar. 15.  
Paste, Dyestuff printing. W. Rappe, F. Hoelscher, and A. Schneevogt. 2,108,994; Feb. 22.  
Paste of paramagnetic particles for use in the examination of paramagnetic materials for flaws by the magnetic method. C. E. Betz. 2,106,882; Feb. 1.  
Paste tube. W. C. Dvorak. 2,134,910; Nov. 1.  
Paste, Wallpaper. I. Doveben. 2,115,487; Apr. 26.  
Pastel holder. M. G. Patern. 2,118,384; May 24.  
Paster, Package. C. L. Straeten. 2,108,929; Feb. 22.  
Pasters, Process and apparatus for making high speed. G. J. Patitz. 2,117,676; May 17.  
Pasteurizers, Temperature-control system for. R. E. Olson. 2,135,216; Nov. 1.  
Patch, Pipe line. J. J. Kane and R. A. Chambers. 2,114,145; Apr. 12.  
Patch to a satchel bottom bag, Applying a. A. Novick. 2,125,308; Aug. 2.  
Patches, Process of and apparatus for making. A. R. Krause, H. O. Hutchens, J. F. Cullen, and A. C. Hirsch. 2,112,419; Mar. 29.  
Paths, road surfaces, floorings, and the like, Producing. D. Komlos. 2,140,634; Dec. 20.  
Pattern construction. R. D. Speirs. 2,132,659; Oct. 11.  
Pattern control mechanism. G. Fisher and W. S. Tandler. 2,136,076; Nov. 8.  
Pattern, Dress. I. Rosenfeld. 2,131,390; Sept. 27.  
Pattern drum control means. I. W. Grothey. 2,138,738; Nov. 29.  
Pattern, Garment. W. Cushman. 2,123,881; July 19.  
Pattern, Garment. W. I. and M. W. Le Coq. 2,106,895; Feb. 1.  
Pattern mechanism. A. S. Winter and T. Jackson. 2,110,541; Mar. 8.  
Pattern mechanism for knitting. R. H. Lawson and A. N. Cloutier. 2,135,185; Nov. 1.  
Pattern mechanism for knitting machines. L. H. Leedham. 2,116,074; May 3.  
Pattern mechanism for knitting machines. E. Spiers and J. C. H. Hurd. 2,110,823; Mar. 8.  
Pattern or recording machine, Graphic. F. J. Holley. 2,136,134; Nov. 8.  
Pattern testing attachment for dobby looms. O. C. Hinson and C. C. Dawson. 2,104,946; Jan. 11.  
Patterned effects on crepe products and product therefrom, Making. G. Heberlein, Jun. 2,121,755; June 21.  
Patterns into fur skins, Art and machine for cutting. H. Waag. Re. 20,798; July 12.  
Patterns, Making die. P. R. Zinser. 2,113,166; Apr. 5.  
Pavement breaking equipment. C. O. Finn. 2,121,480; June 21.  
Pavement joint, Leakage-indicating. W. O. Snelling. 2,133,059; Oct. 11.  
Pavements, Production of hot mix cold laid bituminous. C. M. Baskin. 2,104,410; Jan. 4.  
Paver, Re-tread. W. A. Cost. 2,116,468; May 3.  
Paver, Road. C. G. Abernathy. 2,109,020; Feb. 22.  
Paving. S. E. Finley. 2,128,291; Aug. 30.  
Paving. A. C. Fischer. 2,106,944; Feb. 1.  
Paving device. G. Thévenin. 2,118,577; May 24.  
Paving mixture, Producing a hot mix, cold laid. C. M. Baskin. 2,104,411; Jan. 4.  
Paving plant, Portable. G. J. Kührts. 2,106,008; Jan. 18.  
Paving unit. H. Dewhirst. 2,126,948; Aug. 16.  
Payroll machine. R. J. Kirkpatrick. 2,125,728; Aug. 2.  
Pay station. J. L. Wright. 2,134,168; Oct. 25.  
Peach treating machine. P. Jepson. 2,108,535; Feb. 15.  
Peach turner. J. Albertoli. 2,120,385; June 14.  
Peanuts and preparation, Baked. H. S. Richards. 2,128,850; Aug. 30.  
Pear peeling, coring, and splitting machine. M. Reinsteins. 2,139,695; Dec. 13.  
Pearls, Production of culture. K. Mikimoto. 2,126,024; Aug. 9.  
Peas, Canning. W. L. Schroder. 2,133,117; Oct. 11.  
Peat and making same, Insoluble reaction products of. L. N. Markwood. 2,123,248; July 12.  
Pectate and making same. C. W. Wilson. 2,132,065; Oct. 4.  
Pectin, Altering the setting time of. R. E. Cox. 2,133,273; Oct. 18.  
Pectin and preparing same. N. M. Beach. 2,115,479; Apr. 26.  
Pectin and the like, Method and apparatus for dispersing. G. W. Mullen. 2,126,911; Aug. 16.  
Pectin, Powdered. W. A. Rooker. 2,109,950; Mar. 1.  
Pectin, Preparing. A. G. Olsen and R. Stuewer. 2,132,577; Oct. 11.  
Pectin, Treating. G. M. Cole and R. E. Cox. 2,109,792; Mar. 1.  
Pedal. H. S. Holmes. 2,131,889; Oct. 4.  
Pedal, Accelerator. R. A. Boersma. 2,127,200; Aug. 16.  
Pedal and operating means, Double acting foot. M. W. Warren. 2,111,686; Mar. 22.  
Pedal arrangement for the control of the gas admission and the brakes in motor vehicles. G. Gyger. 2,112,019; Mar. 22.  
Pedal attachment. S. M. D. Miller. 2,133,393; Oct. 18.  
Pedal attachment for gear shift levers. L. Nan. 2,138,242; Nov. 29.  
Pedal, Bicycle. C. A. Persons. 2,141,446; Dec. 27.  
Pedal control for electrically amplified musical instruments. R. Aiala. 2,139,217; Dec. 6.  
Pedal extension. P. P. Bailey. 2,124,100; July 19.  
Pedal for motor vehicles, Accelerator. J. P. Gibbons, Jr. and J. A. Davant. 2,125,299; July 12.  
Pedal slot closure. E. J. Farkas. 2,123,004; July 5.  
Pedestal. W. H. Mahoney. 2,114,058; Apr. 12.  
Peeler. R. P. De Vault. 2,106,796; Feb. 1.  
Peeler, Vegetable. W. E. Urschel. 2,139,180; Dec. 6.  
Peening tool. A. T. Rochte. 2,121,669; June 21.  
Peephole device. W. Frankel. 2,124,525; July 26.  
Peg-lock and guard for musical instruments, Combined. W. F. Hutcheson. 2,104,995; Jan. 11.  
Pellet mill. E. T. Meakin. 2,124,744; July 26.  
Pellicle and the manufacture thereof. A. S. Hunter. 2,129,131; Sept. 6.  
Pellicles and process relating to same. T. F. Banigan. 2,106,786; Feb. 1.  
Pelts, Shaping fur heads of. M. Tausz. 2,107,916; Feb. 8.  
Pen. C. G. Gregory. 2,129,209; Sept. 6.  
Pen. A. N. Lungren. 2,105,049; Jan. 11.  
Pen. B. M. Morris. 2,137,500; Nov. 22.  
Pen and pencil holder. G. F. Kidrick. 2,126,194; Aug. 9.  
Pen attachment, Fountain. J. Wallace. 2,111,518; Mar. 15.  
Pen desk set. M. G. Sypher. 2,118,241; May 24.  
Pen for concentrated ink, Fountain. E. Wetzel. 2,108,911; Feb. 22.  
Pen, Fountain. F. M. Ashley. 2,121,239; June 21.  
Pen, Fountain. F. M. Ashley. 2,124,280; July 19.  
Pen, Fountain. H. Baron. 2,127,385; Aug. 16.  
Pen, Fountain. L. A. Brooke. 2,136,371; Nov. 15.  
Pen, Fountain. W. C. Culbert. 2,104,638; Jan. 4.  
Pen, Fountain. F. C. Deth. 2,123,406; July 12.  
Pen, Fountain. B. H. Dicks. 2,126,540; Aug. 9.  
Pen, Fountain. W. A. Dusenbury. 2,128,456; Aug. 30.  
Pen, Fountain. C. Fiore. 2,131,016; Sept. 20.  
Pen, Fountain. B. W. Handle. 2,133,617; Oct. 18.  
Pen, Fountain. B. W. Handle. 2,105,189; Jan. 11.  
Pen, Fountain. W. F. Heising. 2,107,150; Feb. 1.  
Pen, Fountain. G. E. Jahnke and C. M. Sublette. 2,105,600; Jan. 18.  
Pen, Fountain. W. F. Johnson. 2,129,134; Sept. 6.  
Pen, Fountain. S. Kanner. 2,111,216; Mar. 15.  
Pen, Fountain. R. B. Kingman. 2,123,427; July 12.  
Pen, Fountain. G. Larsen. 2,139,084; Dec. 6.  
Pen, Fountain. C. J. MacNally. 2,128,052; Aug. 23.  
Pen, Fountain. E. F. L. Michael. 2,130,774; Sept. 20.  
Pen, Fountain. F. Moore. 2,120,059; June 7.  
Pen, Fountain. W. G. Nichol. 2,130,926; Sept. 20.  
Pen, Fountain. E. G. Pearson. 2,119,645; June 7.  
Pen, Fountain. H. H. Polk, Jr. 2,107,162; Feb. 1.



- Pen, Fountain. A. L. Prash. 2,110,578; Mar. 8.  
 Pen, Fountain. J. Rogers. 2,130,195; Sept. 13.  
 Pen, Fountain. S. M. Sager. 2,119,796; June 7.  
 Pen, Fountain. S. M. Sager. 2,125,957; Aug. 9.  
 Pen, Fountain. J. Salz. 2,114,816; Apr. 19.  
 Pen, Fountain. J. L. Schnell. 2,120,652; June 14.  
 Pen, Fountain. A. W. Schoneberger. 2,108,552; Feb. 15.  
 Pen, Fountain. C. R. Sheaffer. 2,110,558; Mar. 8.  
 Pen, Fountain. M. G. Sypher. 2,139,045; Dec. 6.  
 Pen, Fountain. E. K. Werner. 2,116,919; May 10.  
 Pen, Fountain. J. White. 2,130,978; Sept. 20.  
 Pen, Fountain. J. N. Whitehouse. 2,138,650; Nov. 29.  
 Penholder. P. Chapman. 2,114,372; Apr. 19.  
 Pen, Lettering. C. E. Bluhm. 2,134,296; Oct. 25.  
 Pen or pencil holder. A. R. Johnson. 2,131,624; Sept. 27.  
 Pen, pencil, or the like in a pocket, Detachably securing a. A. H. Croxon. 2,122,455; July 5.  
 Pen, Plunger type fountain. S. M. Sager. 2,141,199; Dec. 27.  
 Pen points, Manufacture of. G. E. Bartol, Jr. 2,121,542; June 21.  
 Pen points, Manufacturing. L. S. Henwood. 2,121,541; June 21.  
 Pen, Self-filling fountain. W. F. Johnson. 2,123,110; July 5.  
 Pen, Writing. G. S. Walter. 2,115,970; May 3.  
 Pencil. A. O. Beisang. 2,116,136; May 3.  
 Pencil. W. P. De Witt. 2,129,655; Sept. 13.  
 Pencil. J. P. Lynn. 2,137,022; Nov. 15.  
 Pencil. F. H. Manzano. 2,117,439; May 17.  
 Pencil. H. Maucher. 2,108,441; Feb. 15.  
 Pencil. J. Meilner. 2,134,570; Oct. 25.  
 Pencil. J. Tamis. 2,107,879; Feb. 8.  
 Pencil and eraser. A. W. Forsyth. 2,132,942; Oct. 11.  
 Pencil and pen clip. C. E. Marshall. 2,130,853; Sept. 20.  
 Pencil construction, Lead. C. Kosta. 2,132,633; Oct. 11.  
 Pencil, Interchangeable lead. K. Fend. 2,136,290. Nov. 8.  
 Pencil lead container. D. Kahn. 2,105,424; Jan. 11.  
 Pencil, lead therefor, and making the same, Lead. M. A. Ferst. 2,131,657; Sept. 27.  
 Pencil leg construction for compasses. F. De Cesaris. 2,130,072; Sept. 13.  
 Pencil, Magazine. G. Severin. 2,123,810; July 12.  
 Pencil, Magazine. J. A. Van Nordsall. 2,109,604; Mar. 1.  
 Pencil, Mechanical. W. H. Blake. 2,106,389; Jan. 25.  
 Pencil, Mechanical. I. Chesler. 2,107,816; Feb. 8.  
 Pencil, Mechanical. A. D. Claggett. 2,132,777; Oct. 11.  
 Pencil, Mechanical. F. C. Deli. 2,131,551; Sept. 27.  
 Pencil, Mechanical. R. E. Friedlein and D. Juells. 2,110,551; Mar. 8.  
 Pencil, Mechanical. P. S. Hanton. 2,108,668; Feb. 15.  
 Pencil, Mechanical. P. S. Hanton. 2,138,233; Nov. 29.  
 Pencil, Mechanical. J. P. Lynn. 2,134,568; Oct. 25.  
 Pencil, Mechanical. E. O. Rubel. 2,130,778; Sept. 20.  
 Pencil, Mechanically operated magazine. G. G. Cohen. 2,130,230; Sept. 13.  
 Pencil, Multicolor. I. Hersinod. 2,130,011; Sept. 13.  
 Pencil, Multiple lead. H. Reusch. 2,135,845; Nov. 8.  
 Pencil, Multiple lead. R. Röhm and L. Neidlein. 2,140,653; Dec. 20.  
 Pencil, Perforating. F. A. Rice. 2,118,230; May 24.  
 Pencil pointer. H. W. Spooner. 2,130,370; Sept. 20.  
 Pencil protector and penholder. D. F. Agbayani. 2,114,203; Apr. 12.  
 Pencil, Refillable. H. J. Alter. 2,119,410; May 31.  
 Pencil, Selective multiple lead. K. Fend. 2,113,320; Apr. 5.  
 Pencil sharpening device. H. Lobel and L. Di Spalatro. 2,123,511; July 12.  
 Pencils and preparing pencil leads, Lead. I. Chesler. 2,116,187; May 3.  
 Pendant receptacle. R. G. Bennett. 2,124,943; July 26.  
 Pendulum control instrument. W. Tapley. 2,108,695; Feb. 15.  
 Pendulum counterweight. R. Chilton. 2,112,984; Apr. 5.  
 Pentachlorophenol, Preparation of. F. B. Smith and J. E. Livak. 2,107,650; Feb. 8.  
 Pentachloro-phenol, Preparation of. W. C. Stoesser. 2,131,259; Sept. 27.  
 Pentaerythritol tetranitrate, Purification and granulation of. W. A. P. Challenor. 2,132,458; Oct. 11.  
 Pentaglycol, Producing. J. F. Walker and N. Turnbull. 2,135,063; Nov. 1.  
 Perambulator. P. Frey. 2,120,425; June 14.  
 Percolator. C. Holzwarth. 2,134,190; Oct. 25.  
 Perforator. E. G. Rix. 2,132,047; Oct. 4.  
 Percolator. A. L. Rosenheimer, Jr. 2,122,046; June 28.  
 Percolator. A. M. Stoner. 2,114,063; Apr. 12.  
 Percolator cover. E. S. Cisco. 2,135,744; Nov. 8.  
 Percolator cover. J. T. Weinzierl. 2,119,974; June 7.  
 Percolator top. E. P. Seghers. 2,134,585; Oct. 25.  
 Percompounds, Process and apparatus for producing. H. Hartman. 2,105,438; Jan. 11.  
 Percussion tool, Explosion actuated. K. Seidl. 2,139,608; Dec. 6.  
 Perforating device for loose-leaf sheets. J. Schade. 2,105,233; Jan. 11.  
 Perforating machine. C. T. Batchelder. 2,123,875; July 19.  
 Perforating machine. R. R. Dauwalter. 2,107,068; Feb. 1.  
 Perforating machine. W. R. Goodale and C. H. Daniels. 2,112,988; Apr. 5.  
 Perforating machine. F. H. M. Hart and C. Ehret. 2,110,862; Mar. 15.  
 Perforating machine. C. E. Newton. 2,125,803; Aug. 2.  
 Perforating machine. D. J. Oldenbloom. 2,107,160; Feb. 1.  
 Perforating machine. H. A. Swanson. 2,111,057; Mar. 15.  
 Perforating machine and operating the same. S. E. Rosenberg. 2,108,447; Feb. 15.  
 Perforation of an unperforated positive film in correspondence with perforated negative film. K. Wahl. 2,139,214; Dec. 6.  
 Perforating, Method of and apparatus for. T. E. Plazze. 2,127,960; Aug. 23.  
 Perforator. W. Faas. 2,137,716; Nov. 22.  
 Perforator and counter, Keyboard. K. A. Sylvester. 2,120,517; June 14.  
 Perforator and stopper, Can top. T. F. Russell. 2,126,667; Aug. 9.  
 Perforator, Cake and pie crust. E. V. Panther. 2,127,651; Aug. 23.  
 Perforator, Casing. C. B. Margrave. 2,108,172; Feb. 15.  
 Perforator, Pipe. W. L. Church. 2,125,487; Aug. 2.  
 Perforators, Pressure equalizing and surge relief device for gun. W. T. Wells. 2,139,104; Dec. 6.  
 Perfume dispenser. S. K. Lui. 2,113,848; Apr. 12.  
 Perfume materials unstable to heat, Extracting. P. L. Young and P. J. Wizevich. 2,106,200; Jan. 25.  
 Periodic voltage generator. M. Cawein. 2,105,902; Jan. 18.  
 Periodic voltage generator. H. M. Lewis. 2,118,352; May 24.  
 Periscope for armored vehicles. R. Gundlach. 2,130,006; Sept. 13.  
 Peritoneal divider. J. E. Rosenfeld. 2,134,265; Oct. 25.  
 Permanent-hair-waving machine. G. Rösch. 2,127,784; Aug. 23.  
 Permanent mold. M. A. Beckmann. 2,124,998; July 26.  
 Permanent wave protector. M. Krepistman. 2,129,430; Sept. 6.  
 Permanent-wave protector. A. J. Parker. 2,136,887; Nov. 15.  
 Permanent waving apparatus. G. B. Finnegan, Jr. 2,122,134; June 28.  
 Permeability-tuned device. W. A. Schaper. 2,111,373; Mar. 15.  
 Permutation lock. D. M. Bell. 2,123,270; July 12.  
 Permutation lock. C. Casey, Jr. 2,125,667; Aug. 2.  
 Permutation lock. A. J. Denerich. 2,119,704; June 7.  
 Permutation lock. A. J. Denerich. 2,136,493; Nov. 15.  
 Permutation lock. C. H. Schamp and D. J. Foote. 2,127,089; Aug. 16.  
 Permutation lock. H. E. Soref and J. K. Marshall. 2,127,091; Aug. 16.  
 Permutation lock. J. P. and H. E. Van Dine. 2,126,063; Aug. 9.  
 Permutation lock, Snap action. R. K. Winning. 2,135,317; Nov. 1.  
 Peroxide compositions, Organic. F. R. Moser. 2,133,733; Oct. 18.  
 Peroxide, Diaromatic. J. Straub. 2,132,588; Oct. 11.  
 Peroxide formation in aliphatic ethers, Inhibition of. T. Evans. 2,130,080; Sept. 13.  
 Peroxide formation in aliphatic ethers, Inhibition of. T. Evans. 2,132,019; Oct. 4.  
 Peroxide formation in aliphatic symmetrical isoethers, Inhibition of. T. Evans. 2,130,079; Sept. 13.  
 Peroxide formation in ethers, Inhibition of. T. Evans. 2,132,018; Oct. 4.  
 Peroxides, and preparing the same, Organic. N. A. Milas. 2,115,207; Apr. 26.  
 Peroxides, Making organic. N. A. Milas. 2,115,206; Apr. 26.  
 Pessary. W. M. Findley. 2,123,148; July 5.  
 Pessary. H. Holt. 2,141,040; Dec. 20.  
 Pessary applicator. L. Schleicher. 2,104,275; Jan. 4.  
 Pests in articles, Process and apparatus for exterminating. T. Wehrle. 2,119,837; June 7.  
 Petrolatum, Purifying. F. W. Breth and A. Kinsel. 2,121,518; June 21.  
 Petrolatumlike product. J. A. Anderson. 2,133,412; Oct. 18.  
 Petroleum, Apparatus for treating. C. A. Edwards. 2,112,149; Mar. 22.  
 Petroleum distillation. W. Tiddy. 2,113,635; Apr. 12.  
 Petroleum emulsions, Breaking. C. M. Blair. 2,110,837; Mar. 8.  
 Petroleum emulsions, Breaking. M. De Groote. 2,104,793-5; Jan. 11.  
 Petroleum emulsions, Breaking. M. De Groote. 2,106,239; Jan. 25.  
 Petroleum emulsions, Breaking. M. De Groote. 2,106,241-4; Jan. 25.  
 Petroleum emulsions, Breaking. M. De Groote. 2,110,816-9; Mar. 8.  
 Petroleum emulsions, Breaking. M. De Groote. 2,127,905; Aug. 23.  
 Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,106,240; Jan. 25.  
 Petroleum emulsions, Breaking. M. De Groote, B. Keiser, L. L. Faure, and A. F. Wirtel. 2,108,960-1; Feb. 22.  
 Petroleum emulsions, Breaking. J. G. Suthard. 2,126,839; Aug. 16.



- Petroleum emulsions, Separating. I. M. Colbeth. 2,114,651; Apr. 19.
- Petroleum emulsions, Separating. I. M. Colbeth. 2,122,976; July 5.
- Petroleum from solid materials, Extraction of. H. Rosenthal. 2,132,441; Oct. 11.
- Petroleum oils, Acid treatment of. L. U. Franklin. 2,121,167; June 21.
- Petroleum oils, Cracking. T. Kenney. 2,105,191; Jan. 11.
- Petroleum oils, Neutralizing high boiling. A. A. Neff. 2,114,352; Apr. 19.
- Petroleum phenolic material. H. E. Buc. 2,134,547; Oct. 25.
- Petroleum product and treating the same, Distillate. H. G. Berger and E. M. Nygaard. 2,114,437; Apr. 19.
- Petroleum, Refining. B. W. Story and V. A. Kalichevsky. 2,107,429; Feb. 8.
- Petroleum residues, Obtaining valuable products from. P. K. Frolich. 2,115,846; May 3.
- Petroleum stocks at low temperature, Sulphuric acid treatment of dewaxed. E. J. Martin. 2,140,161; Dec. 13.
- Petroleum to elevated temperature, Method of and apparatus for heating. A. E. Nash and J. S. Alcorn. 2,113,331; Apr. 5.
- Pharmaceutical apparatus. H. Leffert and E. E. Woldman. 2,131,516; Sept. 27.
- Pharmaceutical products adapted for injection into the human body. P. A. Kober. 2,115,492; Apr. 26.
- Pharmaceutical products adapted for injection into the human body, Preparing. P. A. Kober. 2,115,491; Apr. 26.
- Phase modulated waves, Reception of. M. G. Crosby. 2,114,335; Apr. 19.
- Phase modulation. J. W. Conklin. 2,114,333; Apr. 19.
- Phase modulation. M. G. Crosby. 2,127,486; Aug. 16.
- Phase modulation. H. E. Goldstine. 2,111,587; Mar. 22.
- Phase modulation. G. L. Usselman. 2,105,849; Jan. 18.
- Phase modulation. G. L. Usselman. 2,111,603; Mar. 22.
- Phase modulation, Multiple. M. G. Crosby. 2,104,318; Jan. 4.
- Phase sequence and voltage indicating means. H. P. Sleeper. 2,128,019; Aug. 23.
- Phase sequence apparatus. R. E. Powers. 2,121,609; June 21.
- Phasing and synchronizing of signaling apparatus. W. A. Knoop. 2,126,265; Aug. 9.
- Phenol-aldehyde resins, Moldable. J. Schmitz. 2,124,532; July 26.
- Phenol compounds, Alkyl. L. H. Flett. 2,133,287; Oct. 18.
- Phenol, cresol, or the like resins, Making. I. Kreidl. 2,121,917; June 28.
- Phenol derivatives, Mercuri alkyl. W. G. Christiansen and E. Moness. 2,137,236; Nov. 22.
- Phenol sulfides, Preparation of. L. A. Mikeska and E. Lieber. 2,139,321; Dec. 6.
- Phenolic compounds. M. M. Brubaker. 2,110,077; Mar. 1.
- Phenolic compounds, Preparing. J. F. Olin. 2,107,060; Feb. 1.
- Phenolic compounds, Producing. C. G. Grosscup. 2,115,332; Apr. 26.
- Phenolic compounds, Refining commercial. R. L. Shuman. 2,113,951; Apr. 12.
- Phenolic condensate, Oil soluble. I. Rosenblum. 2,131,757; Oct. 4.
- Phenolic condensation product and making same. N. M. Mnookin. 2,139,418; Dec. 6.
- Phenolic condensation products, Polycyclic. J. B. and V. Niederl. 2,109,015; Feb. 22.
- Phenolic condensation products, Preparing. J. B. Niederl. 2,122,581; July 5.
- Phenolic substances from coal, Production of high molecular weight. L. Kasehagen. 2,119,213; May 31.
- Phenols, Alkylating. R. P. Perkins. 2,125,310; Aug. 2.
- Phenols, Alkylation of. J. B. Arnold and R. P. Perkins. 2,140,782; Dec. 20.
- Phenols, Separation of. N. Poffenberger. 2,137,587; Nov. 22.
- Phenols, Heterocyclic. J. B. Niederl. 2,112,445; Mar. 29.
- Phenols, Meta-substituted. E. C. Britton. 2,129,907; Sept. 13.
- Phenols, Producing halogenated. W. M. Lofton, Jr. and S. G. Burroughs. 2,126,648; Aug. 9.
- Phenyl mercuric nitrate, Making. J. H. Hibben. 2,131,008; Sept. 20.
- Phenyl primary amines, Hydrogenation of. C. F. Winans. 2,129,631; Sept. 6.
- Phenyl sulphides. W. G. Christiansen and E. Moness. 2,129,674; Sept. 13.
- Phenylphenol, Alkylated. E. C. Britton, G. H. Coleman, and R. P. Perkins. 2,138,471; Nov. 29.
- Phonograph. D. I. Coney. 2,125,100; July 26.
- Phonograph. H. F. M. Gramann. 2,112,957; Apr. 5.
- Phonograph. H. F. M. Gramann. 2,127,593; Aug. 23.
- Phonograph. H. F. M. Gramann. 2,128,645; Aug. 30.
- Phonograph. R. H. Hennecock. 2,134,035; Nov. 1.
- Phonograph. C. Huenich and H. F. M. Gramann. 2,113,141; Apr. 5.
- Phonograph. J. O. Kleber. 2,114,881; Apr. 19.
- Phonograph. S. G. Langlev, G. F. Braun, and B. M. Smith. 2,113,156; Apr. 5.
- Phonograph. H. R. Searing and A. F. Shipstedt. 2,106,764; Feb. 1.
- Phonograph. J. A. Volk. 2,106,778; Feb. 1.
- Phonograph. G. A. White. 2,129,611-12; Sept. 6.
- Phonograph. B. F. Wupper and J. A. Davis. 2,125,706; Aug. 2.
- Phonograph and radio, Portable combined automatic. A. Hill. 2,114,741; Apr. 19.
- Phonograph apparatus. P. H. Smyth, Jr. 2,119,251; May 31.
- Phonograph, Automatic. R. R. Erbe. 2,137,276; Nov. 22.
- Phonograph, Automatic. R. R. Erbe. 2,139,812; Dec. 13.
- Phonograph, Automatic. C. H. Green. 2,104,032; Jan. 4.
- Phonograph, Automatic. J. R. Mitchell. 2,132,993; Oct. 11.
- Phonograph, Automatic record changing. T. W. Small. 2,109,322; Feb. 22.
- Phonograph, Commercial. L. D. Norton and V. L. Frykman. 2,110,092; Mar. 1.
- Phonograph drive, Speed reduction. H. M. Stephenson. 2,113,456; Apr. 5.
- Phonograph, Multiplex film. F. Kleffel. 2,105,661; Jan. 18.
- Phonograph playing machine, Selective. P. H. Smyth, Jr. Re. 20,818; Aug. 2.
- Phonograph, Portable electric automatic. A. Hill. 2,115,773; May 3.
- Phonograph reproducer. H. C. Harrison. 2,133,815; Oct. 18.
- Phonograph reproducer. L. Thompson and R. L. Stone. 2,141,804; Dec. 27.
- Phonograph turntable driving mechanism. F. C. Barton. 2,106,710; Feb. 1.
- Phonograph with automatically compensated tone and volume control. A. N. Goldsmith. 2,118,602; May 24.
- Phonographic apparatus. A. N. Goldsmith. 2,113,401; Apr. 5.
- Phonographic apparatus. A. G. Zimmerman. 2,113,390; Apr. 5.
- Phosphate coating bath and method of making. L. P. Curtin. 2,132,000; Oct. 4.
- Phosphate coating baths, Maintenance of. L. P. Curtin. 2,121,520; June 21.
- Phosphate conversion. J. W. Turrentine. 2,134,013; Oct. 25.
- Phosphate, Making crystalline monocalcium. R. L. Sebastian. 2,135,475; Nov. 1.
- Phosphate, Production of monocalcium. C. H. Milligan. 2,121,208; June 21.
- Phosphate rock recovery. J. P. Hall and W. A. Hodges. 2,113,727; Apr. 12.
- Phosphate, Treating. J. Hagood. 2,111,532; Mar. 15.
- Phosphates, Organic. S. L. Bass. 2,117,283; May 17.
- Phosphatovanadate and recovery of the same. F. C. Bowman. 2,130,579; Sept. 20.
- Phosphorus, Apparatus for producing. H. A. Curtis and R. L. Copson. 2,117,301; May 17.
- Phosphorus-containing compounds, Organic. W. H. Woodstock. 2,137,792; Nov. 22.
- Phosphorus from impurities, Separating elemental. L. H. Almond. 2,135,486; Nov. 8.
- Phosphorus, Oxidizing. P. H. Emmett. 2,107,857; Feb. 8.
- Phosphorus, Oxidizing elemental. H. A. Curtis. 2,110,870; Mar. 15.
- Phosphorus, Oxidizing elemental. J. N. Junkins. 2,125,297; Aug. 2.
- Phosphorus, Purification of crude. S. Klosky. 2,123,554; July 12.
- Phosphorus, Vaporizing and oxidizing. M. H. Merchant. 2,132,360; Oct. 4.
- Photocomposing machine. E. E. Cooper and A. T. Troedel. Re. 20,692; Apr. 12.
- Photoelectric assorting device. D. C. Cox. 2,131,096; Sept. 27.
- Photoelectric cell oscillation circuit. H. A. Iams. 2,141,789; Dec. 27.
- Photoelectric control system. C. D. Goodsell. 2,131,028; Sept. 27.
- Photoelectric device. J. H. de Boer and W. C. van Geel. 2,139,223; Dec. 6.
- Photoelectric device. L. R. Koller. 2,121,636; June 21.
- Photoelectric device. W. C. van Geel. 2,105,303; Jan. 11.
- Photoelectric exposure meter, Multirange. A. Bernard and G. Beyrich. 2,129,114; Sept. 6.
- Photoelectric glass meter. L. A. Carpenter and E. J. Schreiner. 2,127,477; Aug. 16.
- Photoelectric haze penetrator. H. E. Jones. 2,121,771; June 21.
- Photoelectric relay. S. Ruben. 2,104,817; Jan. 11.
- Photoelectric relay. T. M. Shrader. 2,104,825; Jan. 11.
- Photoelectric relay apparatus. P. Juchter. 2,140,387; Dec. 13.
- Photoelectric surface. B. C. Gardner. 2,128,582; Aug. 30.
- Photoelectric tube. P. Görlich, R. Görlich, and W. Pistor. 2,111,066; Mar. 15.
- Photoelectric tube. P. Görlich. 2,114,488; Apr. 19.
- Photoelectric tube. F. M. Penning, M. C. Teves, and H. Lems. 2,112,975; Apr. 5.
- Photoelectrically responsive layer. P. Görlich. 2,140,994; Dec. 20.
- Photoengraving. J. M. Hammond. 2,136,176; Nov. 8.
- Photoengraving equipment. S. B. Anson. 2,117,279; May 17.



- Photograph frame. G. A. E. Kaul. 2,126,558; Aug. 9.  
 Photograph identification. N. Champion. 2,105,521; Jan. 18.  
 Photograph mounting. N. Warshaw. 2,140,660; Dec. 20.  
 Photographic apparatus. T. M. Aiken. 2,103,246; Feb. 15.  
 Photographic apparatus. J. J. Johnson. 2,129,326; Sept. 6.  
 Photographic apparatus. F. G. Kirby. 2,112,028; Mar. 22.  
 Photographic apparatus. P. Landrock and B. K. Murchison. 2,126,479; Aug. 9.  
 Photographing apparatus. S. F. Monroe. 2,125,388; Aug. 2.  
 Photographic apparatus. P. J. Rentmeesters. 2,106,659; Jan. 25.  
 Photographic apparatus, Composite miniature. V. I. Whitman. 2,120,586; June 14.  
 Photographic apparatus, Exposure control for. J. Mihalyi. 2,126,338; Aug. 9.  
 Photographic apparatus, Multiple pose. L. G. Simjian. 2,140,602; Dec. 20.  
 Photographic color-forming compounds. L. D. Mannes, L. Godowsky, Jr., and W. D. Peterson. 2,115,394; Apr. 26.  
 Photographic color-forming compounds. L. D. Mannes, L. Godowsky, Jr., and W. D. Peterson. 2,126,337; Aug. 9.  
 Photographic contrasts, Obtaining. J. H. de Boer and K. H. Klaassens. 2,106,868; Feb. 1.  
 Photographic copying stand. W. S. Proudft. 2,112,449; Mar. 29.  
 Photographic desensitizing. K. Kumetat and S. Gassner. 2,131,742; Oct. 4.  
 Photographic desensitizing. K. Kumetat and S. Gassner. 2,132,169; Oct. 4.  
 Photographic developer. J. H. Christensen. 2,124,608; July 26.  
 Photographic developer. A. B. Doran. 2,136,968; Nov. 15.  
 Photographic developer. E. Fournes and H. Diamant-Eerde. 2,138,486; Nov. 29.  
 Photographic developer. B. Wendt. 2,108,243; Feb. 15.  
 Photographic developers. G. Wilmanns, H. Fricke, and E. J. Birr. 2,139,870; Dec. 13.  
 Photographic developers. G. Wilmanns and W. Schneider. 2,122,599; July 5.  
 Photographic developing and fixing solution. M. Salo. 2,126,349; Aug. 9.  
 Photographic device. H. Kuppenbender. 2,108,751; Feb. 15.  
 Photographic device. R. Simmon. 2,133,581; Oct. 18.  
 Photographic effects and films therefor, Producing. C. B. Dreyer. 2,108,284; Feb. 15.  
 Photographic electric exposure timing machine. A. F. Manuel. 2,113,275; Apr. 5.  
 Photographic emulsion. B. H. Carroll. 2,132,866; Oct. 11.  
 Photographic emulsion containing alkyl quaternary salts of thiazoles and the like as antifoggers. L. G. S. Brooker and C. J. Staud. 2,131,038; Sept. 27.  
 Photographic emulsion containing supersensitized thiazolocarboyanines. C. E. K. Mees. 2,127,340; Aug. 16.  
 Photographic emulsions. S. E. Sheppard and R. C. Houck. 2,127,573; Aug. 23.  
 Photographic emulsions. C. J. Staud and J. L. Connelly. 2,127,621; Aug. 23.  
 Photographic emulsions, Reduction of contrast of. C. J. Staud. 2,119,724; June 7.  
 Photographic emulsions, Sensitizing. W. Zeh, A. Sieglitz, and M. Dabelow. 2,126,078; Aug. 9.  
 Photographic emulsions, Sensitizing and hardening. S. E. Sheppard, R. C. Houck, and R. H. Lambert. 2,139,774; Dec. 13.  
 Photographic enlarger. A. Grant. 2,135,074; Nov. 1.  
 Photographic enlarger. C. A. Verschoor. 2,133,218; Oct. 11.  
 Photographic enlarging and printing machine. P. S. Pirmov. 2,124,954; July 26.  
 Photographic enlarging machine. D. W. Rau. 2,137,028; Nov. 15.  
 Photographic exposure controlling apparatus. W. A. Brorsen. 2,124,134; July 19.  
 Photographic exposure tester. H. R. Johnson. 2,126,332; Aug. 9.  
 Photographic exposures, Apparatus for controlling or indicating. C. J. Linke. 2,132,306; Oct. 4.  
 Photographic exposures, Controlling. W. C. Huebner. 2,136,588; Nov. 15.  
 Photographic exposures, Making. W. C. Huebner. 2,129,956; Dec. 13.  
 Photographic film indicator. P. Landrock. 2,109,373; Feb. 22.  
 Photographic image carriers provided with precliffants for coloring dyes, Producing. R. Gschöpf and K. Pokorny. 2,124,371; July 19.  
 Photographic material and using the same, Multicolor. B. Gaspar. 2,125,035; July 26.  
 Photographic objective. S. Huber. 2,124,304; July 19.  
 Photographic objective. S. Huber. 2,137,615; Nov. 22.  
 Photographic objective. W. Merté. 2,126,126; Aug. 9.  
 Photographic objective. W. Merté. 2,140,034; Dec. 13.  
 Photographic objective. W. B. Rayton. 2,124,356; July 19.  
 Photographic objective. A. Sonnefeld. 2,141,884; Dec. 27.  
 Photographic objective. A. W. Tronnier. 2,105,799; Jan. 18.  
 Photographic plate. R. B. Mason. 2,115,339; Apr. 26.  
 Photographic print washer. A. C. Brandt. 2,141,162; Dec. 27.  
 Photographic printing. J. Eggert and G. Heymer. 2,132,893; Oct. 11.  
 Photographic printing apparatus. P. Dautzenberg. 2,138,445; Nov. 29.  
 Photographic printing apparatus. L. L. Griffin. 2,112,838; Apr. 5.  
 Photographic printing apparatus. W. C. Huebner. 2,129,768; Sept. 13.  
 Photographic printing device, Portable. E. M. Jaffe. 2,127,601; Aug. 23.  
 Photographic process. G. Szász. 2,126,516; Aug. 9.  
 Photographic representations on aluminum surfaces, Producing. A. Jenny and N. Budiloff. 2,126,017; Aug. 9.  
 Photographic shutter. A. Barényi. 2,130,784; Sept. 20.  
 Photographic view finder. E. W. Koch. 2,111,972; Mar. 22.  
 Photographing apparatus. A. E. Hart. 2,140,050; Dec. 13.  
 Photographs, Method and apparatus for taking X-ray. F. O. Gamble. 2,141,857; Dec. 27.  
 Photographs, prints, lantern slides, positive transparencies, and the like, Coloring. P. Fidelman. 2,139,492; Dec. 6.  
 Photography and cinematography, Color. E. Sanders-Dolgoruki and J. H. Reindorp. 2,137,785; Nov. 22.  
 Photography, Apparatus for aerial. L. T. Eliel. 2,104,976; Jan. 11.  
 Photography, Apparatus for making process shots in motion picture. S. Goosson. 2,123,529; July 12.  
 Photography, Color. J. Eggert and B. Wendt. 2,124,612; July 26.  
 Photography, Color. L. D. Mannes and L. Godowsky, Jr. 2,113,329; Apr. 5.  
 Photography, Color. E. B. Middleton and A. B. Jennings. 2,133,937; Oct. 18.  
 Photography, Color. C. C. Smith and R. H. Pinker. 2,115,886; May 3.  
 Photography, Colored. O. A. Townsend and A. P. Masters. 2,107,094; Feb. 1.  
 Photography, Method of producing color effects in. W. H. O'Brien. 2,127,829; Aug. 23.  
 Photography or cinematography, Color. E. Sanders-Dolgoruki and J. H. Reindorp. 2,134,266; Oct. 25.  
 Photography structure, Color. R. S. Potter. 2,126,137; Aug. 9.  
 Photography with or without color, Apparatus for. A. H. J. D. Saint Genies. 2,139,855; Dec. 13.  
 Photometer, Photoelectric. H. F. Tönnies. 2,137,466; Nov. 22.  
 Photo-records, Apparatus for making and/or utilizing. L. G. Townsend. 2,140,567; Dec. 20.  
 Photosensitive apparatus. E. D. Wilson. 2,114,867; Apr. 19.  
 Photosensitive elements, Inscribing. A. T. Ginman. 2,140,525; Dec. 20.  
 Phototube. D. G. Haines. 2,112,089; Mar. 22.  
 Phototube. M. C. Teves. 2,112,124; Mar. 22.  
 Phototube. C. M. Teves and J. H. de Boer. 2,107,352; Feb. 8.  
 Phototube. A. G. Thomas. 2,128,104; Aug. 23.  
 Phototube, Self-generating. A. G. Thomas. 2,128,103; Aug. 23.  
 Phototyping machine. H. C. Jones. 2,115,990; May 3.  
 Photovoltaic cell. S. Ruben. 2,115,399; Apr. 26.  
 Phthalic anhydride production. F. Porter. 2,117,359; May 17.  
 Phthalic anhydride, Purification of. H. B. Foster. 2,105,911; Jan. 18.  
 Phthalide, Producing. P. R. Austin and F. J. McCall. 2,114,696; Apr. 19.  
 Phthalocyanine compounds, Producing. I. M. Heithron, F. I. Grangemouth, and R. P. Linstead. 2,124,419; July 19.  
 Phthalocyanines, Acylated. S. Gassner and B. Blenert. 2,116,196; May 3.  
 Phthalocyanines, Alkyloxy and aryloxy. S. Gassner and B. Blenert. 2,122,137; June 28.  
 Physical culture machine. W. S. Hawley. 2,130,922; Sept. 20.  
 Piano. D. Beck. 2,134,680; Nov. 1.  
 Piano. W. Homm. 2,116,117; May 3.  
 Piano. L. C. Kauling. 2,134,192; Oct. 25.  
 Piano action. A. A. Davidson. 2,123,526; July 12.  
 Piano action. A. Klein. 2,123,736; July 12.  
 Piano action spring. M. Sievking. 2,138,517; Nov. 29.  
 Piano action, Upright. C. R. Davis. 2,109,192; Feb. 22.  
 Piano back, Detachable. E. Worthington. 2,110,946; Mar. 15.  
 Piano mechanism. J. Sauerland. 2,141,765; Dec. 27.  
 Piano, Miniature. S. R. Bridges. 2,112,066; Mar. 22.  
 Piano music reproduction attachment. S. Wiedemann. 2,108,571; Feb. 15.  
 Pianoforte. W. Evans. 2,113,045; Apr. 5.  
 Pianoforte. M. V. Jacobs and H. S. Bird. 2,105,739; Jan. 18.  
 Piano, Upright. C. F. Stein and A. C. Swanson. 2,141,728; Dec. 27.



- Pick and pick weft replenishing loom. R. G. Turner. 2,123,321; July 12.
- Pick motion. H. H. Burdett. 2,110,105; Mar. 1.
- Pick or tool, Ice. H. Dreyfuss. 2,112,649; Mar. 29.
- Pickproof lock. J. J. O'Connell. 2,137,504; Nov. 22.
- Pickproof lock. S. Segal. 2,111,098; Mar. 15.
- Pick-up device for electrical musical instruments. A. F. Knoblauch. 2,119,584; June 7.
- Pick-up mechanism. G. Innes. 2,133,143; Oct. 11.
- Pick-up mechanism. L. R. Tallman. 2,141,493; Dec. 27.
- Picker, Cotton. J. B. Dove. 2,136,126; Nov. 8.
- Picker, Cotton. E. A. Johnston. 2,140,631; Dec. 20.
- Picker for looms. W. D. Dodenhoff. 2,104,832; Jan. 11.
- Picker, Fruit. E. W. Ruppee. 2,113,518; Apr. 5.
- Picker, Fruit. E. R. Sammons. 2,134,354; Nov. 1.
- Picker, gathering point, Corn. J. W. Rund, Jr. 2,133,905; Oct. 18.
- Pickling and cleaning device for strip metal. F. J. Wood. 2,141,732; Dec. 27.
- Pickling inhibitor. W. P. ter Horst. 2,131,790; Oct. 4.
- Pickling machine. R. W. Shoemaker. 2,120,843; June 14.
- Pickling tank. C. Shriver. 2,120,716; June 14.
- Pictorial control and material for use therein. P. H. Jamieson. 2,108,261; Feb. 15.
- Picture advertising machine, Motion. J. Katz. 2,130,428; Sept. 20.
- Picture and sound apparatus. G. Wald. 2,111,159; Mar. 15.
- Picture and sound reproducer, Combined motion. R. C. McClay. 2,119,136; May 31.
- Picture and sound transmission. C. O. Browne and J. Hardwick. 2,124,394; July 19.
- Picture apparatus, Motion. F. Conrad, C. Aalborg, and O. B. French. 2,123,624; July 12.
- Picture apparatus, Motion. L. J. R. Holst. 2,132,003; Oct. 4.
- Picture apparatus, Motion. T. A. and R. T. Killman. 2,118,087; May 24.
- Picture apparatus, Talking motion. A. D. Lassiter. 2,104,428; Jan. 4.
- Picture apparatus, Talking motion. E. Ross. 2,114,608; Apr. 19.
- Picture carrier on copper intaglio printing cylinders. Fixing the. K. Hintsches. 2,141,390; Dec. 27.
- Picture claw feed apparatus, Motion. W. Smith, J. C. Hall, and J. B. Barton. 2,121,933; June 28.
- Picture device, Stereoscopic moving. V. Glanz. 2,111,065; Mar. 15.
- Picture frame. C. J. Bozung. 2,113,871; Apr. 12.
- Picture frame. C. D. Clark. 2,137,156; Nov. 15.
- Picture hanger. S. Dabroski. 2,125,770; Aug. 2.
- Picture hook. H. Freudenberger. 2,137,837; Nov. 22.
- Picture machine, Motion. J. M. Wall. 2,131,850; Oct. 4.
- Picture machine, Talking. L. J. Andres. 2,118,999; May 31.
- Picture producing apparatus, Color motion. H. K. Fairall. 2,138,846; Dec. 6.
- Picture projecting device. C. L. Stephens. 2,135,952; Nov. 8.
- Picture recording and reproducing system. G. W. Walton. 2,112,002; Mar. 22.
- Picture stand. J. Hambeck. 2,104,256; Jan. 4.
- Picture, Stereoscopic. C. W. Kanoff. 2,140,702; Dec. 20.
- Picture storage and display cabinet. E. J. Morin. 2,109,433; Feb. 22.
- Picture transmission system. A. Karolus. 2,129,738; Sept. 13.
- Picture transmitter. C. A. Castro. 2,133,844; Oct. 18.
- Picture transmitting system. R. B. Shanck. 2,115,917; May 3.
- Picture viewer, Motion. W. C. Tichenor. 2,122,804; July 5.
- Pictures and cameras therefor, Apparatus for making color motion. O. C. Gilmore. Re. 20,678; Mar. 29.
- Pictures, and composition therefor, Increasing the brilliancy of photographic. E. Weyde. 2,124,159; July 19.
- Pictures and material therefor, Producing multicolor photographic. B. Gaspar. 2,119,323; May 31.
- Pictures and the like, Device for viewing X-ray. S. D. Klaus. 2,107,738; Feb. 8.
- Pictures, Apparatus and method for the electrical transmission of. E. F. Watson. 2,115,894; May 3.
- Pictures for fusion training, Staggered stereoscopic motion. K. H. Oakley. 2,114,060; Apr. 12.
- Pictures in natural colors, Arrangement for taking motion. J. M. Gutmann and P. Angénieux. 2,128,773; Aug. 30.
- Pictures, Making composite. W. V. Draper and F. W. Young. 2,116,826; May 10.
- Pictures, Making composite. R. J. Pomeroy. Re. 20,867; Sept. 20.
- Pictures of the animated cartoon type, Production of motion. P. H. Terry. 2,127,656; Aug. 23.
- Pictures of the stereoscopic variety, Producing moving. E. I. Fuller. 2,111,445; Mar. 15.
- Pictures or writing on hard material, Photomechanical production of single or multicolor. L. Prinz and P. Morgenstern. 2,131,298; Sept. 27.
- Pictures, Producing combined colored and black and white. B. Gaspar. 2,132,154; Oct. 4.
- Pictures, Projecting stereoscopic. W. H. Wilmot. 2,131,778; Oct. 4.
- Pie cruet, Making. K. E. Bemis. 2,111,021; Mar. 15.
- Pie die. M. Tatosian. 2,138,247; Nov. 29.
- Pie plate handling method and apparatus. K. Stuart. 2,138,560; Nov. 29.
- Pieces, Method and apparatus for threading. E. W. Brinkman. 2,114,626; Apr. 19.
- Piepan. E. O. Hallmark. 2,123,359; July 12.
- Piepan. N. C. McBirney. 2,135,782; Nov. 8.
- Piercing die. J. A. Smith. 2,108,619; Feb. 15.
- Piezo-electric apparatus. A. L. W. Williams. 2,105,011; Jan. 11.
- Piezo-electric apparatus. A. L. W. Williams. 2,126,438; Aug. 9.
- Piezo-electric crystal apparatus. R. A. Sykes. 2,124,596; July 26.
- Piezo-electric crystal holder. R. C. Curtis. 2,121,340; June 21.
- Piezo-electric crystal holder. L. F. Koerner. 2,115,145; Apr. 26.
- Piezo-electric crystal holder. T. D. Parkin. 2,137,304; Nov. 22.
- Piezo-electric crystal mounting. W. G. Laskey. 2,128,420; Aug. 30.
- Piezo-electric device. C. A. Bieling. 2,123,227; July 12.
- Piezo electric device. C. B. Sawyer. Re. 20,680; Mar. 29.
- Piezo-electric device. C. B. Sawyer. 2,105,010; Jan. 11.
- Piezo-electric device. W. A. Thomas. 2,131,826; Oct. 4.
- Piezo-electric device and making same. A. L. W. Williams. 2,106,143; Jan. 18.
- Piezo-electric units, Making. C. B. Sawyer, C. H. Tower, and A. L. W. Williams. 2,112,636; Mar. 29.
- Pigeon trap. A. E. Roth. 2,135,603; Nov. 8.
- Pig-iron the vanadium contained therein, Separating from. N. Wark. 2,104,890; Jan. 11.
- Pigment. E. Lederle, M. Günther, and R. Brill. 2,140,236; Dec. 13.
- Pigment and making the same. G. Widmer. 2,119,189; May 31.
- Pigment barium sulphate from barium chloride, Making. D. C. Hall and E. F. Steinbring. 2,125,342; Aug. 2.
- Pigment, Calcium sulphate-zinc sulphide. J. E. Booge. 2,111,137; Mar. 15.
- Pigment, Calcium sulphate-zinc sulphide. M. L. Hanahan and J. D. Prince. 2,123,698; July 12.
- Pigment, Iron oxide. G. Plews. 2,111,727; Mar. 22.
- Pigment, Making a. E. M. Allen. 2,111,379; Mar. 15.
- Pigment, Making red. J. J. O'Brien and G. M. Juredine. 2,115,080; Apr. 26.
- Pigment, Making zinc. H. S. Colton. 2,131,313; Sept. 27.
- Pigment manufacture. H. R. Rafton. 2,105,503; Jan. 18.
- Pigment, Manufacture of. E. J. Flynn. 2,105,834; Jan. 18.
- Pigment powders, Making dry, free-running. V. Vesce. 2,138,048; Nov. 29.
- Pigment suspension and preparing the same. W. W. Plechner and J. M. Parmus. 2,130,560; Sept. 20.
- Pigment suspensions and preparing same. P. Lusseyran. 2,130,554; Sept. 20.
- Pigment vehicle for printing. F. G. Oswald. 2,111,802; Mar. 22.
- Pigment, Weather resistant. H. F. Saunders. 2,122,297; June 28.
- Pigment, White. E. Lederle, M. Günther, and R. Brill. 2,139,686; Dec. 13.
- Pigment, White. E. Lederle, M. Günther, and R. Brill. 2,140,235; Dec. 13.
- Pigmentation of resinous condensation products. G. H. Wilder. 2,122,270; June 28.
- Pigmented composition. G. Barsky, G. Klinkenstein, C. Rohleder, and C. F. Silleck. 2,106,447; Jan. 25.
- Pigments. W. T. Grace and A. H. Ristau. 2,139,013; Dec. 6.
- Pigments and producing the same, Lead chromate. S. C. Horning. 2,139,753; Dec. 13.
- Pigments and producing same, Titanium oxide. G. D. Patterson. 2,138,118; Nov. 29.
- Pigments and products thereof, Dispersing. R. T. Hucks and G. R. Maher. 2,114,713; Apr. 19.
- Pigments dispersed in oil, Manufacturing. A. J. Schroeder. 2,112,222; Mar. 22.
- Pigments, Dispersing. R. T. Hucks. 2,138,860; Dec. 6.
- Pigments, Drying. V. C. Vesce. 2,138,049; Nov. 29.
- Pigments, Extended. J. B. Nichols. 2,113,380; Apr. 5.
- Pigments in oil and making the same. L. W. Ryan and E. K. Fischer. 2,126,925; Aug. 16.
- Pigments, Making calcium sulphate-zinc sulphide. K. H. Butler, R. A. Gagnon, and J. D. Prince. 2,112,357; Mar. 29.
- Pigments, Making red. K. S. Mowlds. 2,115,739; May 3.
- Pigments, Manufacture of black lake. R. T. Hucks. 2,118,512; May 24.
- Pigments of improved wetting, dispersing, and non-settling characteristics and manufacturing same. W. F. Meister. 2,113,539; Apr. 5.
- Pigments, Preparing phthalocyanine. F. S. Turek. 2,138,413; Nov. 29.
- Pigments, Processing of calcined. S. C. Lyons. 2,131,841; Oct. 4.
- Pigments, Producing iron oxide. G. Plews. 2,111,726; Mar. 22.
- Pigments, Titanium. G. Meder. 2,138,384; Nov. 29.
- Pigments, Titanium-containing. J. Drucker. 2,118,916; May 31.



Pile-driving attachment for booms. J. B. Templeton. 2,134,989; Nov. 1.  
 Pile fabric. E. F. Castles. 2,110,867; Mar. 15.  
 Pile fabric. W. G. McCullough. 2,137,203; Nov. 15.  
 Pile fabric. Knitted. H. Fleisher. 2,124,361; July 19.  
 Pile for sheet pilings, Hollow. W. C. Köhler and A. Maurer. 2,104,490; Jan. 4.  
 Pile, Manifolding. C. W. Brenn. 2,105,448-9; Jan. 11.  
 Pile material, Crocheted. A. R. Timer. 2,126,842; Aug. 18.  
 Pile raising and lowering mechanism. J. Sinkovitz. 2,141,418; Dec. 27.  
 Pile splicer. J. A. Parks and J. Upton. 2,133,563; Oct. 18.  
 Piler, Sheet mill. A. G. Delany. 2,137,478; Nov. 22.  
 Piles, piers, etc., Apparatus for protecting. R. M. Doull. 2,109,105; Feb. 22.  
 Piling. R. S. A. Dougherty. 2,128,740; Aug. 30.  
 Piling and stacking apparatus. C. P. Kimmel and A. K. Hamilton. 2,135,669; Nov. 8.  
 Piling connector. P. O. Deros. 2,122,835; July 5.  
 Piling, Metal. G. zur Nedden. 2,110,253; Mar. 8.  
 Piling section. A. Borberg. 2,104,116; Jan. 4.  
 Piling, Sheet. E. C. Molke. 2,104,665; Jan. 4.  
 Piling, Tapered. G. G. Greulich. 2,141,106; Dec. 20.  
 Pill counting mechanism. J. T. Dalton. 2,111,529; Mar. 15.  
 Pill dispensing device. J. B. Felber. 2,134,180; Oct. 25.  
 Pillow. H. C. Sheasby. 2,107,962; Feb. 8.  
 Pillow and cushion. I. Buchman. 2,118,486; May 24.  
 Pillow block. R. R. Searles. 2,114,670; Apr. 19.  
 Pillow, mattress, and the like. J. L. Berenson. 2,136,330; Nov. 8.  
 Pillow rest. S. Alexander. 2,131,609; Sept. 27.  
 Pilot and coupler structure. F. H. Einwaechter, Jr. 2,104,857; Jan. 11.  
 Pilot and coupler structure. H. A. Hoke. 2,107,376; Feb. 8.  
 Pilot and pilot coupler. G. T. Johnson and H. H. Wolfe. 2,104,865; Jan. 11.  
 Pilot attachment. H. M. Albee. 2,115,187; Apr. 26.  
 Pilot control, Air flow. M. C. Richardson. 2,116,912; May 10.  
 Pilot control system, Safety. L. L. Kuempel. 2,142,059; Dec. 27.  
 Pilot director. H. B. Inglis. 2,105,148; Jan. 11.  
 Pilot, Hydropneumatic automatic. B. G. Carlson. 2,139,878; Dec. 13.  
 Pilot shut-off, Safety. O. J. Leins. 2,126,564; Aug. 9.  
 Pilot structure, Railway. E. G. Hallquist. 2,138,450; Nov. 29.  
 Pilot valve. B. R. Nichols. 2,124,274; July 19.  
 Pin: See—  
     Bone pin.                      Gange pin.  
     Bowling pin.                Necktie pin.  
     Connecting pin.            Safety pin.  
     Cotter pin.                 Upholstery pin.  
     Cutter pin.                 Wrist pin.  
 Pin board. J. E. Johnson. 2,127,999; Aug. 23.  
 Pin cutter. C. W. Kneff. 2,114,926; Apr. 19.  
 Pin device for mold forms, Centering and locking. W. A. Jennings. 2,113,086; Apr. 5.  
 Pin feeding device. H. G. Dybvig. 2,112,833; Apr. 5.  
 Pin for brake shoes, Locking. G. Garand. Re. 20,779; July 5.  
 Pin for eyeglasses and the like, Supporting. H. E. Droll. 2,104,612; Jan. 4.  
 Pin for hearses, Bier. E. L. Schofield. 2,132,543; Oct. 11.  
 Pin setter. A. Nyerger. 2,125,647; Aug. 2.  
 Pin spotting mechanism. J. F. Murphy. 2,117,204; May 10.  
 Pinwheel feed. H. G. Dybvig. 2,128,924; Sept. 6.  
 Pin wheel feeding device. H. G. Dybvig. 2,113,579; Apr. 12.  
 Pinhole gauge. J. Sunnen. 2,117,526; May 17.  
 Pinking device. F. H. Ogden. 2,133,111; Oct. 11.  
 Pins for artificial teeth, Tooth. F. Maulen. 2,109,138; Feb. 22.  
 Pins to flexible brush backs and the like, Applying. J. Morrison. 2,125,735; Aug. 2.  
 Pinch-cock. C. S. Hornberger. 2,127,257; Aug. 16.  
 Pineapple, Preparing. H. D. Rey. 2,124,895; July 26.  
 Pinton mounting for transmissions, Bevel. A. C. C. Hansen. 2,105,437; Jan. 11.  
 Pinking machine. F. C. Henneke and A. Berk. 2,120,329; June 14.  
 Pinking machine. S. Naso and F. Goodstein. 2,128,846; Aug. 30.  
 Pinle control mechanism for revolving doors. T. M. Hagenbook. 2,120,746; June 14.  
 Pintles in box parts, Apparatus for inserting. H. Hermand. 2,125,834; Aug. 2.  
 Pipe: See—  
     Composite pipe.            Smoker's pipe.  
     Dry smoke pipe.            Smoking pipe.  
     Porous pipe.                Tobacco pipe.  
     Rosewood pipe.            Ventilating pipe.  
     Subdrainage pipe.         Well drill pipe.  
 Pipe aligning tool. W. H. Rippe. 2,105,954; Jan. 18.  
 Pipe and cigar holder, Smoker's. S. Rabkin. 2,130,824; Nov. 15.

Pipe and filter therefor. F. M. Ashley. 2,132,141; Oct. 4.  
 Pipe and installing the same, Drainage. A. J. Parrish. 2,136,151; Nov. 8.  
 Pipe and pipe filter. F. M. Ashley. 2,108,423; Feb. 15.  
 Pipe and plaque holder therefor. K. Weissner. 2,141,989; Dec. 27.  
 Pipe and tubing rack. W. B. Aggers. 2,127,492; Aug. 23.  
 Pipe, Apparatus for coating. W. M. Bywater. 2,113,873; Apr. 12.  
 Pipe, Apparatus for severing. H. L. Patton. 2,120,014; June 7.  
 Pipe, Apparatus for severing. R. C. Showalter. 2,129,969; Sept. 13.  
 Pipe assembly. A. J. Maahs. 2,132,636; Oct. 11.  
 Pipe attachment, Smoking. C. Bergman. 2,136,537; Nov. 15.  
 Pipe bending method and apparatus. L. Carl. 2,119,875; June 7.  
 Pipe bends, Method and apparatus for making. R. E. Fritsch. 2,105,075; Jan. 11.  
 Pipe bowl scraper attachment, Tobacco. J. M. Mayer. 2,139,838; Dec. 13.  
 Pipe bowls and the like, Ornamenting. H. W. Peters. 2,133,209; Oct. 11.  
 Pipe, Casting clay. W. Washo. 2,109,078; Feb. 22.  
 Pipe chiller, Double. J. D. Williams, Jr. 2,137,373; Nov. 22.  
 Pipe, cigarette tube, and the like, Tobacco. W. W. Barling. 2,135,632; Nov. 8.  
 Pipe clamp, Broken. H. M. Adams. 2,127,456; Aug. 16.  
 Pipe cleaner. C. Pellette. 2,114,236; Apr. 12.  
 Pipe cleaner. A. J. Schwister. 2,135,679; Nov. 8.  
 Pipe cleaner. J. Whiting. 2,106,584; Jan. 25.  
 Pipe cleaning device. E. F. Gobatti. 2,117,659; May 17.  
 Pipe coating apparatus. D. W. Boylan. 2,133,014; Oct. 11.  
 Pipe coating apparatus. D. W. Boylan and C. F. Morain. 2,133,013; Oct. 11.  
 Pipe connector, Automatic train. J. Robinson. 2,141,196; Dec. 27.  
 Pipe construction, Play. W. B. Thompson. 2,134,347; Oct. 25.  
 Pipe, Continuously casting. M. Tama. 2,130,202; Sept. 13.  
 Pipe cooling system, Engine and exhaust. J. S. Fluor, Jr. 2,138,001; Nov. 29.  
 Pipe coupling. W. S. Board. 2,127,284; Aug. 16.  
 Pipe coupling. P. Hirsch and R. Kaiser. 2,108,714; Feb. 15.  
 Pipe coupling. J. N. Ice. 2,125,570; Aug. 2.  
 Pipe coupling. J. A. Jensen. 2,119,331; May 31.  
 Pipe coupling. R. J. Laner. 2,123,999; July 19.  
 Pipe coupling. G. Ruane. 2,111,740; Mar. 22.  
 Pipe coupling. J. R. Yancey. 2,126,857; Aug. 16.  
 Pipe coupling device. J. H. Lamont. 2,122,616; July 5.  
 Pipe coupling, Ground joint. H. L. Selger. 2,109,344; Feb. 22.  
 Pipe coupling, Sanitary. E. H. Goldacker. 2,137,137; Nov. 15.  
 Pipe coupling, Tank flanged. C. H. Bills. 2,117,111; May 10.  
 Pipe covering. C. L. Newport and H. C. Smith. 2,129,865; Sept. 13.  
 Pipe cutter. W. L. Church. 2,109,688; Mar. 1.  
 Pipe cutter. J. T. Ellis. 2,108,330; Feb. 15.  
 Pipe cutter. J. Nixon. 2,136,518; Nov. 15.  
 Pipe cutter. F. N. Osmun. 2,134,796; Nov. 1.  
 Pipe cutter, Inside. J. Buckles. 2,130,580; Sept. 20.  
 Pipe cutting apparatus. G. A. Lowrey. 2,110,913; Mar. 15.  
 Pipe device, Bubble. M. Sturm, Jr. 2,137,034; Nov. 15.  
 Pipe, Device for laying. C. J. Jeffrey. 2,122,099; June 28.  
 Pipe die, Positive expanding. W. J. Hogg. 2,130,181; Sept. 13.  
 Pipe elements, Making bent. P. Boissou. 2,134,853; Nov. 1.  
 Pipe fitting. J. R. Yancey. 2,104,177; Jan. 4.  
 Pipe fitting for wall supported water closets. R. P. Franck. 2,107,663; Feb. 8.  
 Pipe fittings, Making. R. R. Seiber, G. N. Thresher, and A. P. Young. 2,111,695; Mar. 22.  
 Pipe fittings, Making. J. H. Taylor. 2,137,864; Nov. 22.  
 Pipe fixing. F. J. T. Barnes. 2,116,957; May 10.  
 Pipe for internal combustion engines, Exhaust. O. Hansson. 2,106,427; Jan. 25.  
 Pipe for smoking tobacco. F. M. Ashley. 2,132,142; Oct. 4.  
 Pipe for tobacco. F. M. Ashley. 2,132,143; Oct. 4.  
 Pipe from wells, Freeing and recovering. P. G. Gates. 2,130,076; Dec. 6.  
 Pipe gripping means for rotary apparatus. R. T. Mobley. 2,132,747; Oct. 11.  
 Pipe handling apparatus. E. B. Hall, V. P. Baker, and F. O. Booth. 2,113,270; Apr. 5.  
 Pipe hanger. E. S. Cornell, Jr. 2,111,857; Mar. 15.  
 Pipe holding device. H. Allen. 2,117,783; May 17.  
 Pipe in wells, Sealing off. C. C. Brown. 2,111,062; Mar. 15.  
 Pipe insulation. E. E. Bodge. 2,119,445; May 31.  
 Pipe insulation. C. L. Newport and H. C. Smith. 2,113,766; Apr. 12.



- Pipe joint. J. Boucher. 2,138,135; Nov. 29.  
 Pipe joint. P. Crosti. 2,117,152; May 10.  
 Pipe joint. F. A. Engel and F. Hudson. 2,108,848; Feb. 22.  
 Pipe joint. F. Marx and O. Mücklich. 2,116,705; May 10.  
 Pipe joint. B. C. Moise. 2,132,574; Oct. 11.  
 Pipe joint. A. E. Osborn. 2,104,351; Jan. 4.  
 Pipe joint. P. H. Wilson and W. Ridley. 2,105,022; Jan. 11.  
 Pipe joint or coupling. O. W. Mojonner. 2,120,184; June 7.  
 Pipe joint seal ring. P. D. Merrill and F. R. McMurray. 2,140,939; Dec. 20.  
 Pipe joint, Well. J. J. Kane. 2,130,587; Sept. 20.  
 Pipe line coating machine, Grease type. E. M. Converse and A. J. Duaci. 2,112,825; Apr. 5.  
 Pipe-line reclaimers. K. C. Knapp. 2,105,602; Jan. 18.  
 Pipe line structure. J. W. Wallis. 2,132,769; Oct. 11.  
 Pipe-line support. L. H. Height. 2,113,083; Apr. 5.  
 Pipe lining or coating machine. D. W. Boylan, C. F. Morain, and O. R. Bowman. 2,133,015; Oct. 11.  
 Pipe lining or coating means. C. F. Morain. 2,133,035; Oct. 11.  
 Pipe lines, Device for supporting steam. U. Nakamura. 2,106,956; Feb. 1.  
 Pipe lines from electrolysis, Apparatus for protecting. S. Thayer. 2,127,315; Aug. 16.  
 Pipe lines under pressure, Extending. E. Dutch. 2,118,376; May 24.  
 Pipe, Making galvanized ferrous. F. N. Speller. 2,124,520; July 19.  
 Pipe making machine, Concrete. J. N. Kristich and N. B. Piriach. 2,130,551; Sept. 20.  
 Pipe, Manufacture of helical lock seam. J. R. Freeze. 2,136,943; Nov. 15.  
 Pipe, Manufacture of welded spiral. H. W. Force. 2,115,925; May 3.  
 Pipe, Method of and apparatus for welding. G. E. Mirfield. 2,116,405; May 3.  
 Pipe or hose coupling. W. H. Kennedy. 2,111,859; Mar. 22.  
 Pipe or rod coupling. S. B. Martin and C. B. Waechter. 2,105,747; Jan. 18.  
 Pipe or rod coupling. S. B. Martin and C. B. Waechter. 2,108,265; Feb. 15.  
 Pipe or tube protector. A. E. Osborn. 2,134,730; Nov. 1.  
 Pipe, Orienting. J. D. Hughes and R. F. Bolton. 2,136,689; Nov. 15.  
 Pipe plug. J. F. Richardson. 2,130,030; Sept. 13.  
 Pipe plugging device. A. W. Lenhart. 2,141,274; Dec. 27.  
 Pipe relay, Jet. G. Wunsch and W. Hartung. 2,107,971; Feb. 8.  
 Pipe rolling device. W. F. Cummings. 2,104,362; Jan. 4.  
 Pipe rotating apparatus. A. M. Hamer. 2,115,104; Apr. 26.  
 Pipe sockets and the like, Apparatus for machining and threading. R. Weiser. 2,117,778; May 17.  
 Pipe stem, Nicotine supporting cool smoke. J. Machemer. 2,123,014; July 5.  
 Pipe, Subdrainage. D. B. Dimick. Re. 20,736; May 24.  
 Pipe support. A. J. E. Gearns. 2,129,320; Sept. 6.  
 Pipe system. E. G. Ritchie. 2,135,770; Nov. 8.  
 Pipe testing machine. W. Brittain. 2,140,892; Dec. 20.  
 Pipe thread protector. B. Engstrom. 2,141,381; Dec. 27.  
 Pipe, Tobacco. G. E. Hornbrey. 2,140,031; Dec. 13.  
 Pipe transporting machine, Irrigation. M. A. Balaam. 2,125,252; July 26.  
 Pipe valve, Dry. W. K. Hodgman, Jr. 2,124,995; July 26.  
 Pipe with removable adjustable cover, Smoker's. F. Hudes. 2,135,179; Nov. 1.  
 Pipe working machine. W. A. Phillis. 2,137,762; Nov. 22.  
 Pipe wrench. W. C. Martin. 2,122,104; June 28.  
 Pipe wrench, Yieldable. F. L. Scott and R. P. Sherman. 2,122,760; July 5.  
 Piperazine, Preparation of. A. L. Wilson. 2,136,094; Nov. 8.  
 Pipes and casings of fibro-cement and similar material, Device for drying, compacting, gauging, and polishing. E. Rocca. 2,113,096; Apr. 5.  
 Pipes and the like from sheet metal, Manufacture of. W. R. Hume. 2,110,378; Mar. 8.  
 Pipes and the like, Molding of concrete. C. C. Halkyard. 2,109,421; Feb. 22.  
 Pipes, Apparatus for cleaning. A. Diebold. 2,128,124; Aug. 23.  
 Pipes, Apparatus for cleaning metal. E. W. Johnson and R. A. Eastwood. 2,108,489; Feb. 15.  
 Pipes, Apparatus for coating. L. A. Camerota. 2,114,974; Apr. 19.  
 Pipes, Coating. L. A. Camerota. 2,114,975; Apr. 19.  
 Pipes in chilled molds, Centrifugally casting. E. Pivovarsky. 2,129,382; Sept. 6.  
 Pipes in the earth, Apparatus for manufacturing drain. H. Janset. 2,123,243; July 12.  
 Pipes, Lining concrete. F. L. Klingensmith. 2,109,644; Mar. 1.  
 Pipes, Method of and coupling for pressure. K. D. Williams and H. W. Hienke. 2,125,324; Aug. 2.  
 Pipes, Protection of. S. P. Miller. 2,127,694; Aug. 23.  
 Pipes, Stopping service and other gas. C. S. Hazel. 2,107,259; Feb. 1.  
 Pipes with metal, Method of and furnace for coating. M. Braun. 2,141,163; Dec. 27.  
 Pipette, Mixing. W. Juffa. 2,104,325; Jan. 4.  
 Piping, Machine for the manufacture of ribbed. L. Morseth. 2,107,831; Feb. 8.  
 Pistol and revolver sight, Rib. D. W. King and R. E. Geisert. 2,127,565; Aug. 23.  
 Pistol, Automatic. C. G. Petter. 2,139,203; Dec. 6.  
 Pistol, Automatic. B. H. Savage. 2,136,396; Nov. 15.  
 Pistol, Automatic. G. Walther. 2,127,793; Aug. 23.  
 Pistol, Automatic. F. Walther and F. Barthelmes. 2,135,992; Nov. 8.  
 Pistol, Cap. J. L. O'Conner. 2,106,648; Jan. 25.  
 Pistol, Firecracker. S. G. Anthony. 2,129,042; Sept. 6.  
 Pistol holding device. J. R. Sander. 2,132,323; Oct. 4.  
 Pistol, Liquid. N. G. Horwitt and N. Dine. 2,109,589; Mar. 1.  
 Piston. G. H. Blettner. 2,104,893; Jan. 11.  
 Piston. H. D. Church. 2,108,194; Feb. 15.  
 Piston. J. J. Cooper. 2,120,019; June 7.  
 Piston. R. E. Day. 2,120,090; June 7.  
 Piston. R. E. Day. 2,127,767; Aug. 23.  
 Piston. R. E. Day. 2,141,784; Dec. 27.  
 Piston. W. C. Dehn. 2,136,416; Nov. 15.  
 Piston. F. Jardine. 2,139,271; Dec. 6.  
 Piston. E. T. Larkin. 2,104,347; Jan. 4.  
 Piston. C. W. Metzgar. 2,105,950; Jan. 18.  
 Piston. G. L. Moore. 2,119,137; May 31.  
 Piston. G. L. Moore. 2,120,033; June 7.  
 Piston. G. L. Moore. 2,136,822; Nov. 15.  
 Piston. A. L. Nelson. 2,104,350; Jan. 4.  
 Piston. A. L. Nelson. 2,123,662-3; Aug. 30.  
 Piston. C. G. A. Rosén. 2,132,805; Oct. 11.  
 Piston. R. R. Teetor. 2,110,345-6; Mar. 8.  
 Piston actuated switch. E. F. Kettunen. 2,121,433; June 21.  
 Piston, Air cooled. G. A. Spelts. 2,115,291; Apr. 26.  
 Piston and cylinder construction. McK. Palmer. 2,105,494; Jan. 18.  
 Piston and method of making. G. D. Welty. 2,124,360; July 19.  
 Piston, and piston and connecting rod assembly. R. K. Lee. 2,105,743; Jan. 18.  
 Piston blank, Slipper-type. O. W. Brown. 2,123,165; July 12.  
 Piston construction. M. G. Fiedler. 2,126,627; Aug. 9.  
 Piston construction. C. Sauzedde. 2,134,584; Oct. 25.  
 Piston, Engine. E. P. Larsh. 2,107,795; Feb. 8.  
 Piston, Even pressure. M. A. Beckmann. 2,114,040; Apr. 12.  
 Piston expander. J. B. Evans. 2,115,304; Apr. 26.  
 Piston expander. A. W. Gray. 2,127,169; Aug. 16.  
 Piston expander. A. A. Heaton. 2,127,516; Aug. 23.  
 Piston expander. C. F. Johnston. 2,140,133; Dec. 13.  
 Piston expander. W. J. Six. 2,132,653; Oct. 11.  
 Piston expander. D. M. Smith. 2,122,729; July 5.  
 Piston expander. D. M. Solenberger. 2,128,717; Aug. 30.  
 Piston, Expandable. W. Wilson. 2,112,871; Apr. 5.  
 Piston for horizontal cylinders. J. Goostrey. 2,124,527; July 26.  
 Piston for internal combustion engines. A. M. Alexandrescu. 2,110,316; Mar. 8.  
 Piston for internal combustion engines. A. L. R. Bernard. 2,126,306; Aug. 9.  
 Piston for internal combustion engines, Adjustable. J. Hlasney, Jr. 2,127,361; Aug. 16.  
 Piston for internal combustion engines, Pneumatic differential. E. H. Hansen. 2,104,802; Jan. 11.  
 Piston for internal combustion motors. E. C. Long. 2,108,865; Feb. 22.  
 Piston for internal combustion motors. E. C. Long. 2,125,938; Aug. 9.  
 Piston for internal combustion motors. E. C. Long. 2,129,180; Sept. 6.  
 Piston for pressure producing devices. M. W. Bowen. 2,125,986; Aug. 9.  
 Piston, Internal combustion engine. L. C. Burton. 2,128,451; Aug. 30.  
 Piston land construction. F. Jardine. 2,130,923; Sept. 20.  
 Piston lock release, Pressure actuated. E. Engel. 2,139,185; Dec. 6.  
 Piston lubricating device. C. C. Farmer. 2,141,149; Dec. 20.  
 Piston lubricator. E. R. Fitch. 2,141,150; Dec. 20.  
 Piston meter. W. H. Parker and N. J. Seibert. 2,106,651; Jan. 25.  
 Piston mold. R. E. Day. 2,120,833; June 14.  
 Piston mold mechanism. P. S. Diamond. 2,139,734; Dec. 13.  
 Piston of the removable head type. W. R. Mansfield. 2,125,244; July 26.  
 Piston plant, Floating. H. Steiner. 2,115,921; May 3.  
 Piston, Relieved stabilized. M. A. Beckmann. 2,114,041; Apr. 12.  
 Piston ring. P. Carlton. 2,125,541; Aug. 2.  
 Piston ring. E. J. Goodyear. 2,118,433; May 24.  
 Piston ring. E. A. Koether. 2,107,301; Feb. 8.  
 Piston ring. M. G. Kurth. 2,127,036; Aug. 16.  
 Piston ring. W. S. Mason. 2,111,291; Mar. 15.  
 Piston ring. C. A. Marien. 2,128,372; Aug. 30.  
 Piston ring. M. M. Meisel. 2,140,710; Dec. 20.  
 Piston ring. H. L. Morgan. 2,131,230; Sept. 27.



- Piston ring construction. O. Reisinger. 2,119,289; May 31.
- Piston ring construction. F. Ritz. 2,131,970; Oct. 4.
- Piston ring construction. D. D. Robertson. 2,117,986; May 17.
- Piston ring expander. M. G. Carlisle. 2,125,766; Aug. 2.
- Piston ring expander. F. H. Given. 2,104,225; Jan. 4.
- Piston ring expander. J. T. Roberts. 2,124,794; July 26.
- Piston ring expander. R. R. Teetor. 2,110,562; Mar. 8.
- Piston ring expander. V. F. Zahodiakin. 2,111,258; Mar. 15.
- Piston ring groove and land tool. C. D. Stromgren. 2,127,893; Aug. 23.
- Piston ring groove cleaner. W. Vaughan. 2,124,757; July 26.
- Piston ring process. J. H. Ballard. 2,119,035; May 31.
- Piston, Ringless. O. C. Pillar. 2,113,628; Apr. 12.
- Piston rings, Closing. W. Strauss. 2,140,682; Dec. 20.
- Piston rings, Expanding. L. I. Sieven. 2,135,415; Nov. 1.
- Piston rings, Making. E. R. Week, Jr. 2,132,197; Oct. 4.
- Piston rods from cross heads, Device for removing. H. A. Anderson. 2,105,392; Jan. 11.
- Piston skirt expander. L. W. Coombs. 2,113,912; Apr. 12.
- Piston skirt expander. A. W. Wenzel. 2,114,007; Apr. 12.
- Piston structure for uniflow steam engines. E. C. Read. 2,138,644; Nov. 29.
- Piston valve engine. J. W. Jenkins. 2,106,099; Jan. 18.
- Piston, Water meter. R. S. Bassett. 2,109,916; Mar. 1.
- Pistons, Apparatus for molding strut. E. Mahle. 2,107,009; Feb. 1.
- Pistons, Casting. J. Flammang, P. L. Bowser, and H. Ernst. 2,113,585; Apr. 12.
- Pistons, Control of fluid-operated. A. Lichte. 2,132,486; Oct. 11.
- Pistons for internal combustion engines, Light metal. E. W. Schneider. 2,123,489; July 12.
- Pistons, Machining of cast. A. E. Schnell and M. A. Beckmann. 2,139,287; Dec. 6.
- Pistons, Reconditioning. D. Rubin. 2,133,403; Oct. 18.
- Pit apparatus, Drop. J. E. Minty. 2,111,917; Mar. 22.
- Pit burner. L. M. Nelson. 2,119,827; June 7.
- Pitch and producing, Plasticized pine wood. F. H. Lane. 2,114,392; Apr. 19.
- Pitch into a fragmentary, transportable form, Converting liquid. K. Fehr, E. Heinemann, and W. Schneider. 2,136,208; Nov. 8.
- Pitch, Modified. F. W. Corkery. 2,135,424; Nov. 1.
- Pitch propeller and the like, Controllable. N. E. G. Meijer. 2,118,652; May 24.
- Pitch propeller, Adjustable. A. E. Gaba. 2,138,487; Nov. 29.
- Pitch propeller, Automatic variable. V. B. Brumwell. 2,131,217; Sept. 27.
- Pitch propeller, Controllable. N. E. G. Meijer. 2,118,653; May 24.
- Pitch propeller, Controllable. R. E. Palmer and C. S. J. MacNeil, Jr. 2,124,078; July 19.
- Pitch propeller, Controllable. C. I. Preston and H. M. Hammill. 2,105,843; Jan. 18.
- Pitch propeller for airplanes or the like, Variable. S. M. Allred. 2,113,438; Apr. 5.
- Pitch propeller, Reverse and variable. J. A. Gallagher. 2,138,574; Nov. 29.
- Pitch propeller, Variable. W. W. Everts. 2,134,661; Oct. 25.
- Pitch propeller, Variable. C. K. Greene. Re. 20,679; Mar. 29.
- Pitch propeller, Variable. B. Jablonsky. 2,117,062; May 10.
- Pitch propeller, Variable. M. A. Smith, Jr. 2,140,722; Dec. 20.
- Pitchometer. T. P. Fowler. 2,132,407; Oct. 11.
- Pitman, Adjustable. W. H. Spire. 2,132,054; Oct. 4.
- Pitman pin bearing. A. L. Warner. 2,123,757; July 12.
- Pitter, Fruit. O. Steinwand. 2,133,588; Oct. 18.
- Pivot joint. F. T. Lind and E. M. Webster. 2,132,825; Oct. 11.
- Plaze removal method. C. F. McKim. 2,108,921; Feb. 22.
- Placer mining machine. J. F. Noel. 2,122,822; July 5.
- Placer mixing machine. H. R. Sollinger. 2,114,547; Apr. 19.
- Plain bearing. N. A. Palmgren. 2,126,688; Aug. 9.
- Plated material, Solid. A. Crossley. 2,107,661; Feb. 8.
- Plated products, Process and apparatus for making accurately. J. M. Angletti. 2,141,235; Dec. 27.
- Plais, Device and method for forming. E. Chesser. 2,124,650; July 26.
- Planetary geared reduction device. W. T. McCullough. 2,137,778; Nov. 22.
- Planing machine. J. E. Maham. 2,124,386; July 19.
- Plank, Composite. A. P. Miller. 2,106,105; Jan. 18.
- Plank, Spring. D. M. Light. 2,130,141; Sept. 13.
- Planographic plate and method. F. L. Simons. 2,132,443; Oct. 11.
- Planographic plate, Sheet aluminum. W. B. Wescott. 2,106,308; Jan. 25.
- Planographic printing plate. G. S. Rowell. 2,129,071; Sept. 6.
- Planographic printing plate. W. B. Wescott. 2,134,105; Oct. 25.
- Plant and process for manufacturing rubber hydrochloride. E. W. Moffett, H. A. Winkelmann, and F. E. Williams. 2,138,932; Dec. 6.
- Plant, Central mixing. C. S. Johnson. 2,109,534; Mar. 1.
- Plant container, Collapsible. R. B. Otwell. 2,137,855; Nov. 22.
- Plant cover. C. M. Piglia. 2,141,484; Dec. 27.
- Plant dusting machine. C. Mackintosh. 2,104,930; Jan. 11.
- Plant for and method of manufacturing metal castings. H. G. Floyd and W. L. Roueche. 2,134,117; Oct. 25.
- Plant for the manufacture of bronze colors. E. Kramer. 2,112,497; Mar. 29.
- Plant materials, Treatment and dehydration of fleshy. E. F. Hopkins. 2,137,890; Nov. 22.
- Plant parasiticide vapors, Forming. B. Clayton, W. B. Kerrick, and H. M. Stadt. 2,123,767; July 12.
- Plant pot holder. R. Summer. 2,140,862; Dec. 20.
- Plant potting and packing machine. C. E. Wilson. 2,112,872; Apr. 5.
- Plant products, Curing and preserving. M. R. Coe. 2,108,305; Feb. 15.
- Plant protector. H. H. King. 2,109,426; Feb. 22.
- Plant support. J. J. Battista and J. J. Di Meglio. 2,124,049; July 19.
- Plant support. N. C. Wade. 2,134,242; Oct. 25.
- Plant stalks, Method of and apparatus for threshing and decorticating. G. A. Lowry. 2,130,352; Sept. 20.
- Plant thinner. L. G. Brotzman. 2,137,233; Nov. 22.
- Planter. D. C. Heitsch. 2,134,664; Oct. 25.
- Planter. S. W. Thompson. 2,140,096; Dec. 13.
- Planter. C. H. White. 2,107,723; Feb. 8.
- Planter attachment. W. W. Hall. 2,110,955; Mar. 15.
- Planter, Checkrow. L. E. Rose. 2,107,649; Feb. 8.
- Planter, Corn. L. I. Jennings. 2,134,612; Oct. 25.
- Planter, Multiple row. O. H. Myers. 2,138,011; Nov. 29.
- Planter runners, Elevating and lowering. W. G. Stevens, Jr. 2,128,860; Aug. 30.
- Planter, Seed. C. C. Boykin. 2,111,485; Mar. 15.
- Planting implement. C. G. McKee. 2,132,308; Oct. 4.
- Plants, Cultivating. M. Langa. 2,123,075; July 5.
- Plants, Nutrition of potted. L. H. Jones. 2,127,629; Aug. 23.
- Plants, Nourishing. A. D. Beyer. 2,135,998; Nov. 8.
- Plants, Propagation of. P. W. Zimmerman and A. E. Hitchcock. 2,129,698-601; Sept. 6.
- Plaque and making same, Enameled. A. F. Reilly. 2,108,444; Feb. 15.
- Plaster base construction. C. L. Neumeister. 2,125,516; Aug. 2.
- Plasterboard. E. E. Harper. 2,120,644; June 14.
- Plaster, Calcium sulphate. J. S. Dynn, F. R. Himsworth, and V. Lefebure. 2,113,370; Apr. 5.
- Plaster, Calcium sulphate. F. R. Himsworth and J. S. Dunn. 2,113,375; Apr. 5.
- Plaster construction, Fabricated finished. G. W. Wellner. 2,117,833; May 17.
- Plaster for the production of surgical casts. J. Piccard. 2,116,910; May 10.
- Plaster, Making reacted. P. C. Choate. 2,127,952; Aug. 23.
- Plaster materials, Producing. D. De F. Crandell. 2,125,046; July 26.
- Plaster with retarded suction effect. J. P. C. Peter. 2,112,302; Mar. 29.
- Plastering machine. A. Rosabal. 2,142,071; Dec. 27.
- Plastic. C. H. Smith. 2,105,825; Jan. 18.
- Plastic composition. C. M. Blair and T. F. Carruthers. 2,120,927; June 14.
- Plastic composition. S. Morgenstern and J. Eggert. 2,109,432; Feb. 22.
- Plastic composition. E. C. Sherrard, E. Beglinger, J. P. Hohr, and E. Bateman. 2,130,783; Sept. 20.
- Plastic composition. E. C. Sherrard, E. Beglinger, J. P. Hohr, and E. Bateman. 2,137,119; Nov. 15.
- Plastic composition, Nonshrinking woodlike. G. J. Esselen. 2,105,111; Jan. 11.
- Plastic compositions. C. A. Hochwalt and N. N. T. Samaras. 2,115,524; Apr. 26.
- Plastic compositions. L. P. Kyrides. 2,139,369; Dec. 6.
- Plastic compositions and shaping the same. F. Groff. 2,120,935; June 14.
- Plastic compositions containing gelatinized nitrocellulose. H. J. Tattersall. 2,109,599; Mar. 1.
- Plastic compositions, Making. F. Groff. 2,120,934; June 14.
- Plastic compositions, Production of. H. L. Cox and J. D. Matlack. 2,120,931; June 14.
- Plastic, Making corn gluten. G. J. Leuck. 2,134,764; Nov. 1.
- Plastic mass and making the same, Colored. F. Straub and H. Mayer. 2,131,154; Sept. 27.
- Plastic mass, Noninflatable. W. Spencer and F. T. Walker. 2,120,222; June 7.
- Plastic masses, Manufacture of colored. F. Straub and H. Mayer. 2,132,810; Oct. 11.
- Plastic material. G. J. Esselen. 2,131,371; Sept. 27.
- Plastic material and making the same, Cellular. J. L. Rau. 2,132,969; Oct. 11.
- Plastic material and manufacturing the same, New. A. Fernbach. 2,132,782; Oct. 11.
- Plastic materials. A. Renfrew. 2,104,760; Jan. 11.
- Plastic plug. N. Phillips. 2,110,053; Mar. 1.



- Plastic, Polyvinyl acetal resin. J. D. Ryan. 2,124,315; July 19.
- Plastic products, Vulcanization of. C. H. Alexander. 2,117,591; May 17.
- Plastic, Ship deck mortar-like adhesive. J. Labra. 2,121,087; June 21.
- Plastic working. J. Parsons. 2,105,669; Jan. 18.
- Plasticity, Testing. J. H. Dillon and N. Johnston. 2,112,190; Mar. 22.
- Plasticizer and method for manufacturing. H. A. Bruson. 2,117,293; May 17.
- Plasticizer and producing same. H. R. Dalton. 2,132,724; Oct. 11.
- Plasticizer for rubber derivatives. A. Kirkpatrick. 2,126,019; Aug. 9.
- Plasticizer from scrap cellulose ester products, Recovering. G. F. Nadeau and L. K. Eilers. 2,117,815; May 17.
- Plasticizing agent for cellulose derivatives, Application of a. R. H. Lock. 2,107,203; Feb. 1.
- Plasticizing product or plastic. H. P. Straus. 2,141,885; Dec. 27.
- Plasticizers. C. F. Gibbs. 2,127,400; Aug. 16.
- Plastics, Preparation of. M. L. Macht and A. F. Randolph. 2,109,592; Mar. 1.
- Plastics, Preparation of high molecular sulphur containing. W. Becker and L. Orthner. 2,108,468; Feb. 15.
- Plastics, Preparing of pigmented. B. M. Marks. 2,126,450; Nov. 15.
- Plate and making the same, Electrotype. R. Buckler. 2,136,840; Nov. 15.
- Plate and rail clip combination, Tie. V. C. Armstrong. 2,140,217; Dec. 13.
- Plate and using same, Planographic printing. W. T. Hagelin. 2,104,126; Jan. 4.
- Plate, Antitermite. R. J. Reis. 2,126,664; Aug. 9.
- Plate assembly. J. A. McBrady. 2,135,191; Nov. 1.
- Plate bending press. H. E. Schade. 2,133,477; Oct. 18.
- Plate casting mechanism, Stereotype. N. O. Temte. 2,141,802; Dec. 27.
- Plate clamp. A. S. Busk. 2,105,452; Jan. 11.
- Plate clamp operating device for printing presses. E. W. Dean and J. L. Blackley. 2,104,854; Jan. 11.
- Plate cooler. H. P. Cohen. 2,122,879; July 5.
- Plate cushioning means for electric storage batteries. W. L. Gill. 2,113,938; Apr. 12.
- Plate elements for selenium rectifiers and the like, Producing dry. F. Brunke. 2,137,831; Nov. 22.
- Plate, Floor protecting. V. E. Sisson. 2,110,922; Mar. 15.
- Plate for contacting gases and liquids, Bubble. H. Kühni. 2,136,139; Nov. 8.
- Plate for knitting machines, Mobile verge. C. Deitenbach. 2,137,604; Nov. 22.
- Plate for rubber horseshoes, lift. T. F. and J. J. Sexton. 2,115,651; Apr. 26.
- Plate for television tube, Photoelectric. C. A. Castro. 2,141,375; Dec. 27.
- Plate for watt-hour meters, Lag. H. T. Faus. 2,128,131; Aug. 23.
- Plate, Hand. I. R. Allen. 2,110,542; Mar. 8.
- Plate, Hot. L. Nawo. 2,114,888; Apr. 19.
- Plate, Hot. H. H. Patrick. 2,136,708; Nov. 15.
- Plate, Jaw crusher. C. V. Hallenbeck. 2,122,033; June 28.
- Plate lifter. S. Duraj. 2,106,391; Jan. 25.
- Plate, Liner. A. Foukal. 2,114,834; Apr. 19.
- Plate, Marking. J. R. Willard. 2,127,576; Aug. 23.
- Plate, Nonskidable. U. Frisina. 2,113,343; Apr. 5.
- Plate on printing press cylinders, Securing. C. A. Meisel. 2,109,152; Feb. 22.
- Plate, Paper cake. J. H. Carson. 2,109,955; Mar. 1.
- Plate shaving machine. W. F. Huck. 2,122,143; June 28.
- Plate shaving machine. W. J. Lofstedt. 2,118,410; May 24.
- Plate-shearing device for ink rollers, Safety. B. F. Upham. 2,131,489; Sept. 27.
- Plate, Striker. R. J. Waterbury. 2,133,602; Oct. 18.
- Plate structure, Heating. H. A. Smith. 2,136,763; Nov. 15.
- Plate, Tin. C. E. Miller. 2,141,110; Dec. 20.
- Plate, Utility. H. H. Collins. Re. 20,934; Dec. 6.
- Platen mechanism for printing machines. C. J. Hueber. 2,104,863; Jan. 11.
- Platen, Press. L. T. Sutherland. 2,137,634; Nov. 22.
- Platen printing press. F. S. Thompson. 2,123,516; July 12.
- Plates and method for their production, Type intaglio engraving. R. Dewberry. 2,112,416; Mar. 29.
- Plates, Apparatus for drying. W. B. Gwinn. 2,131,512; Sept. 27.
- Plates, Cleaning metal. R. J. Wean and L. D. Peik. 2,131,776; Oct. 4.
- Plates, Finishing grained planographic. G. S. Rowell. 2,115,471; Apr. 26.
- Plates for color printing, Making. E. R. Eaton. 2,122,859; July 5.
- Plates from mixtures of hydraulic binding agents and fibrous substances, Making colored. S. Schless. 2,123,317; July 12.
- Plates, Making decorative. J. G. Bjorkman. 2,126,088; Aug. 9.
- Plates, Registering printing. L. W. Claybourn. 2,104,553; Jan. 4.
- Plates to shafts, Assembling flat. W. H. Dingwerth. 2,127,969; Aug. 23.
- Plating apparatus. A. M. Wagner. 2,137,819; Nov. 22.
- Plating from a carrier band, Removing metallic. F. R. and P. V. Coughlin. 2,133,685; Oct. 18.
- Plating machines, Reversing movement for. A. H. Hanon. 2,127,406; Aug. 16.
- Plating, Mechanism for and method of effecting changes in. R. H. Lawson and A. N. Cloutier. 2,126,196; Aug. 9.
- Plating, Method of and apparatus for. R. N. Brown. 2,115,616; Apr. 26.
- Platter, Service. M. Bertsch. 2,107,023; Feb. 1.
- Platform, All-welded skid. G. Quayle. 2,126,278; Aug. 9.
- Platform, Binder. B. H. Lomnes. 2,140,054; Dec. 13.
- Platform, Elevating. W. E. Hamlin. 2,138,377; Nov. 29.
- Platform for therapeutic treatments, Rocking. C. E. Sanders, J. A. Cannon, and H. H. Howell. 2,104,764; Jan. 11.
- Platform, Industrial. F. J. Shepard, Jr., and N. Warshaw. 2,109,784; Mar. 1.
- Platform, Skid. C. L. Clark. 2,123,714; July 12.
- Playground apparatus. A. B. Horne. 2,126,636; Aug. 9.
- Playhouse. S. E. Merriman. 2,114,886; Apr. 19.
- Plaything, Dog's. H. G. McMennamin. 2,131,229; Sept. 27.
- Pleated packing ring. H. T. Wheeler. 2,132,814; Oct. 11.
- Pledget for the treatment of accessible hemorrhage with snake venom having blood coagulating properties in vitro, Method of and. S. Rosenfeld and S. Edward. 2,120,680; June 14.
- Pliers. E. Tetly. 2,125,406; Aug. 2.
- Plies of fabric material, Process and apparatus for adhesively uniting. B. Liebowitz. 2,107,485; Feb. 8.
- Plotting apparatus, Stereophotogrammetric. O. von Gruber. 2,121,081; June 21.
- Plotting device. B. B. Talley. 2,104,778; Jan. 11.
- Plow. C. H. Gemberling. 2,128,224; Aug. 30.
- Plow. L. C. Hester. 2,132,166; Oct. 4.
- Plow. H. E. Pruss. 2,139,625; Dec. 6.
- Plow. J. E. Santman. 2,105,162; Jan. 11.
- Plow. W. H. Silver. 2,108,351; Feb. 15.
- Plow. C. S. Stewart. 2,125,036; July 26.
- Plow. C. G. Strandlund. 2,119,756; June 7.
- Plow attachment for tractors. A. C. Lindgren and J. Morkovski. 2,109,669; Mar. 1.
- Plow, Clutchless high lift. G. Lunning. 2,113,513; Apr. 5.
- Plow, Cultivator. R. Tinker. 2,127,347; Aug. 16.
- Plow, Disk. B. R. Benjamin. 2,136,607; Nov. 15.
- Plow, Disk. A. H. de Kocher. 2,113,556; Apr. 5.
- Plow, Gang. M. Howard. 2,136,550; Nov. 15.
- Plow hitch, Guided. H. Tonjes, Jr. 2,139,212; Dec. 6.
- Plow point attachment. H. G. Bolkom. 2,139,486; Dec. 6.
- Plow, Reversible. B. F. Deaver. 2,130,950; Sept. 20.
- Plow, Snow. H. E. Bahr. 2,112,131; Mar. 22.
- Plow, Snow. S. B. Hitchens. 2,116,945; May 10.
- Plow, Snow. E. B. Jones and W. M. Clark. 2,116,351; May 3.
- Plow, Snow. W. A. McNulty. 2,108,134; Feb. 15.
- Plow, Snow. H. Peter. 2,124,927; July 26.
- Plow, Snow. R. E. Stevenson. 2,114,641; Apr. 19.
- Plow, Tractor. L. D. H. Anderson. 2,134,848; Nov. 1.
- Plow, Tractor. A. C. Lindgren and W. S. Graham. 2,124,203; July 19.
- Plug: See—
- Accelerating blasting plug. Glow plug.
- Attachment or wall plug. Hydrometer barrel plug.
- Attachment plug. Indicating fuse plug.
- Battery vent plug. Mold plug.
- Cable plug. Multicontact plug.
- Cementing plug. Pipe plug.
- Connector plug. Plastic plug.
- Contact plug. Refill fuse plug.
- Detector spark plug. Safety blasting plug.
- Ejector fuse plug. Scaffold plug.
- Electric connector plug. Self-holding plug.
- Electric plug. Socket plug.
- Electric push-in plug. Spark plug.
- Fish plug. Sparking plug.
- Flat head plug. Vent plug.
- Fuse plug. Well cementing plug.
- Plug. N. Chirelstein. 2,117,298; May 17.
- Plug. N. Chirelstein. 2,121,338; June 21.
- Plug. J. C. Hartnack. 2,107,939; Feb. 8.
- Plug and cord, Connecting. S. A. Duvall. 2,140,409; Dec. 20.
- Plug and dead end receptacle. N. A. Tornblom. 2,114,258; Apr. 12.
- Plug and receptacle. T. E. McDowell. 2,127,928; Aug. 23.
- Plug and socket, Electrical. M. Alden. 2,135,267; Nov. 1.
- Plug and socket structure, Electrical. T. W. Wall-schlaeger. 2,141,889; Dec. 27.
- Plugboard. C. D. Lake. 2,111,118; Mar. 15.
- Plug cap. R. A. Keddy and R. L. Allaire. 2,141,790; Dec. 27.
- Plug connector. W. Huppert. 2,114,273; Apr. 12.
- Plug connector base and socket, Electric lamp. J. M. Sandoval y Campderá and M. F. de C. Cuadrado. 2,121,886; June 28.



- Plug contact. C. A. Hanser and L. H. Thomas. 2,105,884; Jan. 18.
- Plug for closing holes made in measuring thickness. R. J. Clifton. 2,133,917; Oct. 18.
- Plug for drawing tubes. G. H. Bradley and G. E. Clifford. 2,139,539; Dec. 6.
- Plug for electric storage batteries. Filling and vent. G. D. Spencer. 2,123,479; July 12.
- Plug for insertion in walls and other places. W. W. Hamill. 2,125,018; July 26.
- Plug for oil wells. Bottom tubing. W. K. Edwards. 2,106,996; Feb. 1.
- Plug for textile knitting machines. Stop feed. C. Strzalkowski. 2,121,994; June 28.
- Plug for tubes. W. Wainwright. 2,107,315; Feb. 8.
- Plug-in switch. H. M. Friedman. 2,137,569; Nov. 22.
- Plug insert for friction element and making the same. S. Collier. 2,120,548; June 14.
- Plug or connector. Current interrupting. H. O. Barnes. 2,110,255; Mar. 8.
- Plug or outlet. Electric. C. W. Kautz, Jr. 2,123,422; July 12.
- Plug or the like for internal combustion engines. Electric spark. H. G. Bornemann. 2,109,364; Feb. 22.
- Plug receptacle. Attachment. G. A. Johnson. 2,132,851; Oct. 11.
- Plug receptacle. Electric attachment. C. W. Abbott. 2,119,066; May 31.
- Plug removing tool. R. K. Hopkins. 2,130,496; Sept. 20.
- Plug tester. Spark. E. S. Holm and L. A. Miller. 2,115,719; May 3.
- Plug valve. E. C. McFarlane. 2,137,248; Nov. 22.
- Plug valve. M. Nielson. 2,114,933; Apr. 19.
- Plug valve. S. J. Nordstrom. 2,122,914; July 5.
- Plug valve. F. T. Reed. 2,125,810; Aug. 2.
- Plug valve. Back pressure. A. L. Stone. 2,139,983; Dec. 13.
- Plugs and ignition circuits. Device for testing spark. J. Tawyer. 2,126,154; Aug. 9.
- Plugs. Inserting and holding closure. W. D. Haas. 2,138,404; Nov. 29.
- Plumb and level. A. Wikstrom. 2,133,605; Oct. 18.
- Plumb and level. Combined. O. L. Melvin. 2,118,470; May 24.
- Plumb bob. M. E. Johnson. 2,135,211; Nov. 1.
- Plumb bob. L. V. McLaughlin. 2,113,993; Apr. 12.
- Plumb bob. Automatic. E. S. Bush. 2,136,072; Nov. 8.
- Plumber's appliance. C. H. Tanner. 2,139,702; Dec. 13.
- Plumbing fixture. J. R. O'Brien. 2,140,848; Dec. 20.
- Plumbite solutions. J. E. Drapeau, Jr. 2,115,063; Apr. 26.
- Plunger and spring. Oxidized. C. H. Larson. 2,121,804; June 28.
- Plunger. Drain. O. Anderson. 2,128,217; Aug. 30.
- Plunger for pumps. Fluid packed. F. W. Robinson. 2,104,274; Jan. 4.
- Plunger. Suction. A. Pouliot. 2,126,689; Aug. 9.
- Plywood. G. Colucci. 2,139,880; Dec. 13.
- Plywood and furniture made therefrom. F. C. O. Thomas. 2,106,443; Jan. 25.
- Plywood. Bent. O. R. Owens. 2,128,783; Aug. 30.
- Pneumatic cleaner. D. B. Replogle. 2,123,912; July 19.
- Pneumatic cleaner. D. B. Replogle. 2,123,914; July 19.
- Pneumatic control for air supplied to a stoker. L. R. Teeple. 2,108,873; Feb. 22.
- Pneumatic control valve. H. Busch. 2,137,750; Nov. 22.
- Pneumatic control valve. N. W. Dorman. 2,129,084; Sept. 6.
- Pneumatic flexible coupling. R. H. Limpp. 2,120,182; June 7.
- Pneumatic jack. R. V. Morse. 2,140,325; Dec. 13.
- Pneumatic polishing wheel. C. Mary. 2,131,449; Sept. 27.
- Pneumatic tire gauge. R. J. Pratt. 2,119,287; May 31.
- Pneumatic tool. E. W. Ball. 2,122,507; July 5.
- Pneumatic tool. J. A. Monnier and C. S. Brush. 2,128,157; Aug. 23.
- Pneumatic tool. B. J. Seiden. 2,120,992; June 21.
- Poacher. Egg. S. Jay. 2,115,928; May 3.
- Pocket construction. Vest. R. Hirschfeld. 2,137,085; Nov. 15.
- Pocket for cars. Side stake. R. A. Lewis and C. Schenck. 2,128,306; Aug. 30.
- Pocket for garments and producing same. Knit breast. G. E. Rutledge and R. H. Davidson. 2,121,489; June 21.
- Pocket for vehicle bodies. Stake. C. J. Ernst. 2,140,074; Dec. 13.
- Pocket. Garment. W. E. Cunningham. 2,137,907; Nov. 22.
- Pocket holding device. F. W. Tully. 2,117,465; May 17.
- Pocketknife and pencil or pen. Combined. R. J. Dodson. 2,141,061; Dec. 20.
- Pocket shaper. A. J. Barnett. 2,104,111; Jan. 4.
- Pocket structure. Sleeve. M. E. West. 2,134,425; Oct. 25.
- Point for earth digging teeth. Detachable. C. C. Hosmer and B. L. Launder. 2,124,230; July 19.
- Point operating mechanism for railways and the like. Trailable. A. G. Kershaw. 2,124,739; July 26.
- Point or plane finder. L. V. and S. A. Whistler. 2,135,316; Nov. 1.
- Pointer for use in electrical measuring instruments. Indenting. J. Norman. 2,111,001; Mar. 15.
- Points for the ends of rods and the like. Making. A. W. Keuffel. 2,120,806; June 14.
- Poison container. Insect. R. L. Harroun. 2,123,995; July 19.
- Poison to plants. Apparatus for applying liquid. A. M. Corley. 2,123,988; July 19.
- Poke. Animal. E. R. Troyer. 2,138,561; Nov. 29.
- Poker set. H. S. Borden. 2,130,762; Sept. 20.
- Polarization device for cameras. C. Herrmann. 2,124,297; July 19.
- Polarization device for cameras having a linearly polarizing foil. M. Burckhardt. 2,124,286; July 19.
- Pole alternator. Definite. L. H. Palmer. 2,117,991; May 17.
- Pole fitting. R. R. Pittman. 2,106,305; Jan. 25.
- Pole for drying machines or the like. Conveyor. T. Allsop and W. W. Sibson. 2,121,216; June 21.
- Pole. Portable gin. A. J. Neff. 2,128,712; Aug. 30.
- Pole setting device. M. N. Drew. 2,138,842; Dec. 6.
- Pole shaping cutter. A. M. Deiters. 2,109,415; Feb. 22.
- Pole. Ski. H. O. Potter. 2,117,010; May 10.
- Pole. Ski. A. S. Wright. 2,131,863; Oct. 4.
- Pole switch. G. S. Van Antwerp. 2,123,976; July 19.
- Pole. Tent. M. G. Hale. 2,138,033; Nov. 29.
- Pole. Vaulting. R. F. Carpenter. 2,113,826; Apr. 12.
- Poles and the like. Apparatus for preserving. G. D. Graban. 2,135,974; Nov. 8.
- Poles. Preserving standing. C. Schmittutz. 2,109,508; Mar. 1.
- Poles. Preserving standing. C. Schmittutz. 2,139,422; Dec. 6.
- Polish. J. A. Tumbler. 2,136,402; Nov. 15.
- Polish and rust remover. Metal. J. I. Kushima. 2,126,119; Aug. 9.
- Polish feeder. Automatic. H. S. Reed. 2,120,868; June 14.
- Polish rod. J. D. Nixon. 2,137,853; Nov. 22.
- Polish rod hanger. R. C. Johnston. 2,122,944; July 5.
- Polisher for rolling mills. L. C. Steele. 2,140,860; Dec. 20.
- Polisher for rolling mills. Roll. S. Williams. 2,130,709; Sept. 20.
- Polisher. Manually portable motor driven. J. C. Hardy. 2,115,812; May 3.
- Polishing and buffing machine. G. A. Carlson. 2,118,548; May 24.
- Polishing apparatus. A. E. Hamilton. 2,113,836; Apr. 12.
- Polishing apparatus. A. E. Hamilton. 2,123,171; July 12.
- Polishing apparatus. B. H. Reeves. 2,135,200; Nov. 1.
- Polishing composition. H. Deguide. 2,126,096; Aug. 9.
- Polishing composition. J. D. Pickens. 2,118,521; May 24.
- Polishing composition. L. W. Shuger. 2,108,214; Feb. 15.
- Polishing composition. T. R. Thompson. 2,141,729; Dec. 27.
- Polishing compound. H. Libovitz, W. Mueller, and W. Pfeiffer. 2,129,377; Sept. 6.
- Polishing machine. E. Faber. 2,113,475; Apr. 5.
- Polishing machine. E. Hartmann. 2,115,461; Apr. 26.
- Polishing machine. H. S. Indge. 2,142,058; Dec. 27.
- Polishing machine. C. T. MacLean. 2,137,535; Nov. 22.
- Polishing machine. Portable. H. J. Pattison and W. K. Barton. 2,106,535; Jan. 25.
- Polishing or grinding roll. H. H. Giles. 2,139,406; Dec. 6.
- Polishing wheel. S. W. Lippitt. 2,109,906; Mar. 1.
- Polyacetals. Depolymerization of linear. W. H. Carothers. 2,110,499; Mar. 8.
- Polyamides and their production. Linear. W. H. Carothers. 2,130,523; Sept. 20.
- Polyamino-1,9-anthrapyrimidines and producing them. O. Schlichting. 2,123,749; July 12.
- Polycyclic compounds from chrysene and preparing them. H. Vollmann and H. Becker. 2,126,360; Aug. 9.
- Polyethenoxy-alkylarylamines. Sulphated. A. H. Knight and H. A. Piggott. 2,118,089; May 24.
- Polyether amines. Aromatic. H. A. Bruson. 2,132,674; Oct. 11.
- Polyfuel engine. A. Bagnule. 2,110,191; Mar. 8.
- Polymeric compounds. Producing. R. D. Snow. 2,136,028; Nov. 8.
- Polymerization. C. M. and R. T. Fields. 2,136,424; Nov. 15.
- Polymerization. R. T. Fields. 2,136,422; Nov. 15.
- Polymerization. B. M. Marks. 2,122,886; July 5.
- Polymerization process. C. M. and R. T. Fields. 2,136,423; Nov. 15.
- Polymerization process. R. Hill. 2,121,695; June 21.
- Polymerization process. D. E. Strain. 2,133,257; Oct. 11.
- Polymerization products and producing the same. F. B. Frey, L. H. Fitch, Jr., and R. D. Snow. 2,114,292; Apr. 19.
- Polymerization process. O. Röhrl. 2,129,478; Sept. 6.
- Polymerization products and preparing them. O. Nee-demus, H. Lange, and O. Horn. 2,125,685; Aug. 2.
- Polymerization products from thioxyethyl ethers. Production of. W. Reppe, H. Ufer, and E. Kuehn. 2,125,649; Aug. 2.
- Polymerization products from vinyl esters. W. Reppe, W. Starck, and A. Voss. 2,118,864; May 31.
- Polymerization products. Manufacture of new. R. Hill. 2,117,321; May 17.



- Polymerization products, Manufacturing. D. E. Strain. 2,121,839; June 28.
- Polymerization products, Manufacturing. D. E. Strain. 2,135,443; Nov. 1.
- Polymerization products, Mixed. W. Reppe, W. Starck, and A. Voss. 2,118,863; May 31.
- Polymerization products, Mixed. W. Reppe, W. Starck, and A. Voss. 2,118,945-6; May 31.
- Polymerization products, Production of. H. Fikentscher and C. Heuck. 2,123,599; July 12.
- Polymerization products, Production of. H. Fikentscher and C. Heuck. 2,140,048; Dec. 13.
- Polymers and making the same. H. G. Schneider. 2,131,196; Sept. 27.
- Polymers and product, Making tough styrol. O. H. Smith. 2,135,264; Nov. 1.
- Polymers, Forming resinous hydrocarbon. I. V. Wilson. 2,119,976; June 7.
- Polymers from olefine mixtures, Producing valuable. S. C. Fulton and T. Cross, Jr. 2,126,001; Aug. 9.
- Polymers of olefines, Producing. R. P. Russell. 2,139,038; Dec. 6.
- Poly-nitro compounds of 3-cyclohexyl-phenol. L. E. Mills, F. B. Smith, and J. Livak. 2,123,854; July 12.
- Polypphase detachable meter. W. G. Mylius. 2,117,904; May 17.
- Polysaccharides, Conversion of starchy. G. V. Caesar. 2,131,724; Oct. 4.
- Polysulphide solutions suitable for injection, Production of durable. V. Klopfer. 2,135,642; Nov. 8.
- Polysulphonates of aromatic polyalkylene ethers. H. A. Bruson. 2,107,367; Feb. 8.
- Polysulphones and their preparation. C. S. Marvel. 2,138,584; Nov. 29.
- Polyvinyl esters, Preparing. A. Voss, K. Eisfeld, and H. Freudenberg. 2,109,981; Mar. 1.
- Polyvinyl nitrate, Preparing. L. A. Burrows and W. F. Filbert. 2,118,487; May 24.
- Pontoon, float, and the like. D. Roberts and F. W. Peel. 2,121,052; June 21.
- Pool cleaner, Swimming. R. B. Everson. 2,141,811; Dec. 27.
- Pool, Swimming. F. F. Beeby. 2,140,978; Dec. 20.
- Popcorn machine. J. R. Burch. 2,134,682; Nov. 1.
- Popcorn machine. F. I. Roach. 2,123,663; July 12.
- Popper, Corn. T. V. Barnard. 2,117,872; May 17.
- Popper, Corn. W. Rahr. 2,125,749; Aug. 2.
- Popper, Corn. H. A. Smith. 2,120,718; June 14.
- Popper, Corn. W. G. Twyman. 2,140,888; Dec. 20.
- Porcelain enamel and the like, Method of and apparatus for granulating. H. E. Craven, Jr., and F. K. Knudsen. 2,137,931; Nov. 22.
- Porch construction, Folding. C. E. Bollstrom. 2,122,791; July 5.
- Porous articles, Making. P. Lefebvre-Carnot and L. P. G. Porous bodies, Manufacture of. M. L. Whitacre and P. de Leeuw. 2,104,783; Jan. 11.
- Porous pipe. K. Klemschowski and P. Vrane. 2,130,498; Sept. 20.
- Vautier. 2,107,637; Feb. 8.
- Port closure device. C. K. Textor. 2,117,774; May 17.
- Portable container. A. C. Sladky. 2,135,225; Nov. 1.
- Portable device for end-welding. J. D. Crecca and S. S. Scott. 2,115,707; May 3.
- Portable electric light. C. B. Collins. 2,105,719; Jan. 18.
- Portable lamp. R. G. Williams. 2,123,491; July 12.
- Portable seat. W. E. Flanders. 2,108,531; Feb. 15.
- Portable seat. F. A. Wilsdorf. 2,107,880; Feb. 8.
- Portable sign. E. C. Brownell. 2,130,945; Sept. 20.
- Portable sign. E. C. Brownell. 2,141,342; Dec. 27.
- Portable tank. F. G. Thwaits. 2,105,302; Jan. 11.
- Portable utility cabinet. F. C. Salvage. 2,113,995; Apr. 12.
- Portable work support. M. M. Merritt. 2,105,608; Jan. 18.
- Portemonnaie construction. F. R. Moss. 2,127,067; Aug. 16.
- Portfolio. J. S. Gram. 2,109,882; Mar. 1.
- Portions of hollow articles, Assembling. A. F. Reilly. 2,108,209; Feb. 15.
- Portions of relatively mobile materials, Apparatus for delivering. B. E. Johnson. 2,107,987; Feb. 8.
- Position finding instrument. J. C. Karnes. 2,138,035; Nov. 29.
- Position indicating mechanism for machine tools. M. L. Strawn. 2,134,743; Nov. 1.
- Position indicator. C. D. Barbulesco. 2,131,032; Sept. 27.
- Positional control system. F. S. Hodgman and J. L. Bird. 2,126,587; Aug. 16.
- Positional control system. F. M. Watkins. 2,141,056; Dec. 20.
- Positional remote control, Pneumatic. T. W. Kenyon. 2,136,802; Aug. 16.
- Positioning and locking mechanism, Combination. C. B. De Villeg. 2,123,825; July 12.
- Positioning device. A. J. Lewis. 2,140,019; Dec. 13.
- Positives for the production of printing plates, Making white corrected. W. J. Wilkinson. 2,114,325; Apr. 19.
- Post. R. B. Gage. 2,128,294; Aug. 30.
- 2,104,668; Jan. 4.
- Post clamp chain. J. C. Bishop. 2,122,854; July 5.
- Post, Double tapered steel. G. G. Greulich. 2,124,487; July 19.
- Post employing structure and manufacture thereof. W. B. Ewing. 2,129,999; Sept. 13.
- Post for automobiles, Safety steering. P. E. Erickson. 2,114,663; Apr. 19.
- Post for mitered rails, Insulating end. E. F. Schermerhorn. 2,130,106; Sept. 13.
- Post, Heddle bar. P. L. Spencer and C. A. Dodge. 2,140,061; Dec. 13.
- Post hole forming machine. A. Dukelow. 2,135,970; Nov. 8.
- Post, Seat. R. Thiele. 2,115,830; May 3.
- Posts, Making fence. P. E. Hunter. 2,106,602; Jan. 25.
- Postage meter machine. A. A. Royce and M. L. Beyer. 2,104,624; Jan. 4.
- Postage meter machine. W. H. Wheeler, Jr., and J. W. Ogden. 2,124,383; July 19.
- Postage printing and metering machine. E. Persson. 2,110,874; Mar. 15.
- Posture chair. W. F. Herold. 2,110,874; Mar. 15.
- Posture measuring device. J. C. Stone. 2,111,648; Mar. 22.
- Posture meter. F. S. Williams. 2,122,078; June 28.
- Pot, Annealing. V. G. Bates. 2,131,931; Oct. 4.
- Pot for die casting machines. L. H. Morin. 2,106,505; Jan. 25.
- Pothead. T. F. Brandt. 2,117,696-7; May 17.
- Pot or container. H. C. Avery. 2,140,932; Dec. 20.
- Pot, Paper propagating. M. Leatherman. 2,129,190; Sept. 6.
- Pot type of range. A. R. Pierce. 2,138,556; Nov. 29.
- Pot, Underfeed fire. A. E. Paige. 2,106,621; Jan. 25.
- Potassium nitrate from potassium sulphate and mixtures containing the same, Producing. O. Kaselitz. 2,116,857; May 3.
- Potato digger chain. H. E. and R. J. Altgelt. 2,107,021; Feb. 1.
- Potato digger, Self-propelled. J. C. Halousek. 2,105,532; Jan. 18.
- Potatoes and other starch-containing vegetables to the form of a dry powder, Reducing. A. Faitelowitz. 2,119,155; May 31.
- Potential divider for potentiometers, Compensated. P. A. Borden. 2,114,330; Apr. 19.
- Potential producing cell. J. S. Williams. 2,116,091; May 3.
- Potential source compensation. E. L. Harder. 2,130,842; Sept. 20.
- Potential, Source of variable high direct. J. B. Johnson and F. W. Kammerer. 2,104,463; Jan. 4.
- Potential, System for compensating for differences in. G. A. Pullis. 2,133,832; Oct. 18.
- Potentiometer. W. Deutschmann. 2,118,072; May 24.
- Pottery articles, Method and apparatus for manufacturing. R. J. Getty. 2,139,362; Dec. 6.
- Pottery making machine. G. W. Lane. 2,120,253; June 14.
- Pottery mold. J. E. Shultz. 2,137,359; Nov. 22.
- Pottery, Process and installation for making. W. J. Miller. 2,109,028; Feb. 22.
- Pottery ware, Apparatus for manufacturing. W. J. Miller and A. Reek. 2,114,254; Apr. 12.
- Pottery ware, Method and apparatus for manufacturing. W. J. Miller. 2,124,204; July 19.
- Pouch, Mail. F. J. Bingham. 2,128,689; Aug. 30.
- Poultry, Apparatus for treating. A. W. Bruce. 2,105,107; Jan. 11.
- Poultry feeder. H. A. Ballard. 2,127,804; Aug. 23.
- Poultry feeder. A. Brown. 2,114,649; Apr. 19.
- Poultry feeder. I. C. Busch. 2,108,102; Feb. 15.
- Poultry feeder. C. E. Hedrick. 2,115,263; Apr. 26.
- Poultry feeder. E. A. Lahiere. 2,115,817; May 3.
- Poultry feeder. P. L. Sentz. 2,140,856; Dec. 20.
- Poultry feeder. L. A. Stahmer. 2,131,984; Oct. 4.
- Poultry holder. C. Summers. 2,122,731; July 5.
- Poultry feeder, Collapsible. E. E. Mohler. 2,118,322; May 24.
- Poultry, Method and apparatus for dipping. A. W. DeVout. 2,124,691; July 26.
- Poultry-picking frame. H. B. Kendall. 2,110,442; Mar. 8.
- Poultry, Preserving full dressed. M. T. Zarotschenzeff. 2,134,295; Oct. 25.
- Poultry, Seasoning. J. Mareta. 2,128,952; Sept. 6.
- Pouncing machine. P. Schultze. 2,105,130; Jan. 11.
- Pouncing machine. P. Schultze. 2,137,250; Nov. 22.
- Pounder, Steak. W. J. Oliver. 2,109,434; Feb. 22.
- Pour inhibitor and manufacturing the same. J. H. Bartlett and A. H. Gleason. 2,135,044; Nov. 1.
- Pour point reducer. E. F. Pevere. 2,121,326; June 21.
- Pouring device. H. H. Illich. 2,134,281; Oct. 25.
- Pouring device. W. H. Rose. 2,110,026; Mar. 1.
- Pouring device, Multiple. M. G. Dumas and W. S. Orr. 2,129,050; Sept. 6.
- Pouring spout container. J. M. Hothersall. 2,104,744; Jan. 11.
- Pouring spout container. J. M. Hothersall. 2,109,483; Mar. 1.
- Powder and producing, Smokeless. L. A. Dickerman. 2,120,324; June 14.
- Powder and product, Molding. A. A. Robinson. 2,105,269; Jan. 11.
- Powder and puff box. J. A. Mitchell. 2,122,350; June 28.



- Powder, Blasting. L. S. Byers. 2,136,205; Nov. 8.  
 Powder box. E. Kun. 2,112,165; Mar. 22.  
 Powder box. J. N. Royal. 2,108,551; Feb. 15.  
 Powder composition, Manufacture of non-caking. L. Block and M. Metzger. 2,130,869; Sept. 20.  
 Powder container. J. F. Cunningham. 2,123,501; July 12.  
 Powder container. T. H. Le Blanc. 2,113,659; Apr. 12.  
 Powder device, Rotary. T. M. Gunn. 2,112,890; Apr. 5.  
 Powder dispenser. D. P. Bowes. 2,105,281; Jan. 11.  
 Powder dispenser. L. J. Kelly. 2,141,815; Dec. 27.  
 Powder dispenser. E. W. Koerner. 2,128,488; Aug. 30.  
 Powder dispenser. E. L. Sovad and A. W. Schneuer. 2,127,092; Aug. 16.  
 Powder dispenser. R. K. Swanson. 2,111,875; Mar. 22.  
 Powder dispenser, Tooth. C. C. Pope and H. T. Slaton. 2,121,047; June 21.  
 Powder dispensing can. J. Glover. 2,139,158; Dec. 6.  
 Powder dispensing device. H. C. Moore. 2,134,141; Oct. 25.  
 Powder dispensing unit. L. L. Salfisberg. 2,125,318; Aug. 2.  
 Powder insuflator. G. W. Raiziss and H. Brahlin. 2,131,817; Oct. 4.  
 Powder, Manufacture of smokeless. L. N. Bent. 2,112,257; Mar. 29.  
 Powder, Manufacture of smokeless. B. Troxler. 2,112,256; Mar. 29.  
 Powder, Manufacturing smokeless. D. R. Wiggam. 2,121,138; June 21.  
 Powder, Molding. C. Maters. 2,141,043; Dec. 20.  
 Powder or rouge blending and holding container. J. V. Lynn. 2,115,930; May 3.  
 Powder or the like, Method and apparatus for spraying. P. G. Marr. 2,123,537; July 12.  
 Powder package. L. L. Salfisberg. 2,139,040; Dec. 6.  
 Powder, Phenolic molding. L. Cserny. 2,137,568; Nov. 22.  
 Powder, Producing magnetic. H. Vogt. 2,140,889; Dec. 20.  
 Powder, Propellant. F. Olsen and G. C. Tibbitts. 2,111,075; Mar. 15.  
 Powder, Propellant. R. G. Woodbridge. 2,113,418; Apr. 5.  
 Powder puff. G. Ballon. 2,137,125; Nov. 15.  
 Powder puff. L. Friedberg. 2,110,907; Mar. 15.  
 Powder puff. L. O. Thompson. 2,137,790; Nov. 22.  
 Powder puff forming a receptacle. M. Zolotnitzky. 2,122,123; June 28.  
 Powder puff, Mechanical. N. Testi. 2,105,621; Jan. 18.  
 Powder, Treating smokeless. R. G. Woodbridge. 2,123,517; July 12.  
 Powders, Apparatus for treating finely divided. H. W. Price. 2,127,137; Aug. 16.  
 Power apparatus. A. G. Platt. 2,135,110; Nov. 1.  
 Power apparatus. L. S. Troell. Re. 20,940; Dec. 6.  
 Power attachment for washing machines, Portable. A. W. Altorfer. 2,128,979; Sept. 6.  
 Power chamber. C. A. Christensen. 2,134,072; Oct. 25.  
 Power clutch operator for motor vehicles and control means therefor. E. H. J. C. Gillett. 2,114,221; Apr. 12.  
 Power control for pneumatic conveyer systems. H. Busch. 2,130,458; Sept. 20.  
 Power control for windmills. L. S. Stripling. 2,114,751; Apr. 19.  
 Power control means. W. O. Hampton. 2,109,919; Mar. 1.  
 Power control mechanism. A. Y. Dodge. 2,111,281; Mar. 15.  
 Power control mechanism. P. E. Hawkins. 2,106,502; Jan. 25.  
 Power control, Pneumatic. H. Busch. 2,125,601; Aug. 2.  
 Power converting mechanism. W. E. Hendricks. Re. 20,729; May 17.  
 Power developing apparatus and operating the same. T. Wachs. 2,125,474; Aug. 2.  
 Power developing unit for automotive vehicles. J. T. Abbott. 2,107,844; Feb. 8.  
 Power device, Fluid operated. H. Nilson. 2,131,815; Oct. 4.  
 Power direction indicating means, Three-phase. R. Wideröe. 2,130,573; Sept. 20.  
 Power distributing and equalizer means. C. B. Vickers. 2,114,091; Apr. 12.  
 Power distribution. F. Harvey. 2,117,480; May 17.  
 Power drive device. E. W. Kirkpatrick. 2,131,288; Sept. 27.  
 Power drive, Tensioned. A. Johnson. 2,126,470; Aug. 9.  
 Power driving mechanism. J. G. Tyken. 2,127,348; Aug. 16.  
 Power generating apparatus. E. M. Evans. 2,129,413; Sept. 6.  
 Power indicating apparatus, Electrical. O. E. De Lange. 2,121,141; June 21.  
 Power liquid, Combustion. J. E. Bludworth. 2,128,910; Sept. 6.  
 Power machine with stream atomization, Combustion. W. Kahilenberger. 2,114,924; Apr. 10.  
 Power meter. M. W. Manchester. 2,130,591; Sept. 20.  
 Power meter, Output. J. P. Smith, Jr. 2,119,364; May 31.  
 Power operated mechanism. W. M. Gilman. 2,127,293; Aug. 16.  
 Power-operated tool. E. Baumgratz, F. Kratz, and H. Steinhart. 2,127,855; Aug. 23.  
 Power operated tool, Portable. W. A. Smith, Jr. 2,126,673; Aug. 9.  
 Power operating mechanism. W. A. Eaton and S. Vorech. 2,107,110; Feb. 1.  
 Power plant. R. J. Caughey. 2,124,395; July 19.  
 Power plant. H. Gleichmann. 2,106,346; Jan. 25.  
 Power plant. M. J. Finnegan and H. Baer. 2,119,156; May 31.  
 Power plant. R. E. Lasley. 2,112,672; Mar. 29.  
 Power plant. L. Lustig. 2,109,237; Feb. 22.  
 Power plant. G. A. Jessop. 2,127,602; Aug. 23.  
 Power plant, Combustion-products. J. Maina. 2,140,085; Dec. 13.  
 Power plant, Elastic fluid. B. Hoffmann. 2,135,305; Nov. 1.  
 Power plant, Electric. R. W. Weeks. 2,118,124; May 24.  
 Power plant for aircraft, Auxiliary. W. R. Cool. 2,112,014; Mar. 22.  
 Power plant for aircraft, Elastic fluid. F. Münzinger. 2,111,435; Mar. 15.  
 Power plant for operating an accessory. E. C. Horton. 2,138,237; Nov. 29.  
 Power plant, Internal combustion. J. M. Johansson. 2,123,009; July 5.  
 Power plant suspension means. C. Geissen. 2,135,394; Nov. 1.  
 Power regulating device for explosion and combustion motors, Altitude. A. Modesse. 2,115,644; Apr. 26.  
 Power reverse gear. C. C. Farmer. 2,110,702; Mar. 8.  
 Power reverse mechanism. W. S. Brown. 2,112,760; Mar. 29.  
 Power steering apparatus. W. W. Fuller. 2,132,023; Oct. 4.  
 Power steering apparatus for vehicles. W. W. Fuller. 2,109,418; Feb. 22.  
 Power supply for rectifier auxiliaries. E. V. De Blieux. 2,140,377; Dec. 13.  
 Power supply system. H. O. Roosenstein. 2,123,968; July 19.  
 Power supply system. O. Wohlfarth and G. de Niem. 2,130,441; Sept. 20.  
 Power supply system, Electroflow. E. A. Rockwell. 2,136,638; Nov. 15.  
 Power supply system, Emergency. J. M. Dannheiser. 2,106,968; Feb. 1.  
 Power supply system, Vibrator. A. D. Burt. 2,121,421; June 21.  
 Power system, Electric. B. D. Bedford. 2,125,097; July 26.  
 Power system, Electric. W. W. Kuyper. 2,125,115; July 26.  
 Power system. W. B. Tanner. 2,115,435; Apr. 26.  
 Power take-off. E. H. Lichtenberg. 2,107,540; Feb. 8.  
 Power take-off. A. C. Richardson. 2,117,503; May 17.  
 Power take-off and associated mechanism. P. H. Davey. 2,106,085-6; Jan. 18.  
 Power take-off device for automobile trucks and tractors. J. M. Wood. 2,121,897; June 28.  
 Power take-off mechanism. C. M. Eason. 2,111,847; Mar. 22.  
 Power tool. V. Vorhies. 2,127,378; Aug. 16.  
 Power transfer circuit. L. R. Cox. 2,128,230; Aug. 30.  
 Power translating apparatus. S. N. Baruch. 2,113,392; Apr. 5.  
 Power translating device. G. M. Cole. 2,120,126; June 7.  
 Power translating mechanism. C. R. Vick. 2,118,955; May 31.  
 Power transmission. C. J. Anderson, Jr. 2,141,234; Dec. 27.  
 Power transmission. R. L. Ballantyne. 2,133,276; Oct. 18.  
 Power transmission. C. Brer. 2,139,717; Dec. 13.  
 Power transmission. I. R. Davis. 2,140,790; Dec. 20.  
 Power transmission. W. T. Dunn. 2,112,619; Mar. 29.  
 Power transmission. O. E. Fishburn, H. F. Patterson, and R. C. Aland. 2,127,353-4; Aug. 16.  
 Power transmission. G. A. Pelsy. 2,114,443; Apr. 19.  
 Power transmission. H. G. Gros. 2,114,415; Apr. 19.  
 Power transmission. E. R. Maurer. 2,136,721; Nov. 15.  
 Power transmission. E. R. Maurer. 2,139,744; Dec. 13.  
 Power transmission. R. H. Millican. 2,135,908; Nov. 8.  
 Power transmission. C. A. Neneher and T. Lavell. 2,129,803; Sept. 13.  
 Power transmission. H. F. Patterson. 2,105,755; Jan. 18.  
 Power transmission. H. F. Patterson. 2,122,488; July 5.  
 Power transmission. G. T. Pollard. 2,130,632; Sept. 20.  
 Power transmission. F. L. Rose. 2,141,933; Dec. 27.  
 Power transmission. E. L. Rose and F. S. Hodaman. 2,109,782; Mar. 1.  
 Power transmission. E. L. Rose and R. L. Tweedale. 2,122,045; June 28.  
 Power transmission. J. J. Rullane. 2,132,221; Oct. 4.  
 Power transmission. E. A. Thompson. 2,128,665; Aug. 30.  
 Power transmission. R. L. Tweedale. 2,141,945; Dec. 27.  
 Power transmission and control, Hydraulic. H. F. Vickers. 2,138,050; Nov. 29.  
 Power transmission apparatus, Automatically variable. D. W. Berlin. 2,120,597; June 14.



- Power transmission apparatus, Hydraulic. P. M. Salerni. 2,122,353; June 28.
- Power transmission apparatus, Variable speed. J. E. Freeborn. 2,112,487; Mar. 29.
- Power transmission assembly. A. Kuhns and E. R. Gasser. 2,141,306; Dec. 27.
- Power transmission. Automatic. W. A. Duffield. 2,131,619; Sept. 27.
- Power transmission. Automatic. W. A. Duffield. 2,136,419; Nov. 15.
- Power transmission control. A. Madlé. 2,113,624; Apr. 12.
- Power transmission control mechanism. P. L. Tenney. 2,115,089; Apr. 26.
- Power transmission device. H. Föttinger. 2,114,179; Apr. 12.
- Power transmission device. H. Föttinger. 2,135,282; Nov. 1.
- Power transmission device. J. J. Hoehm. 2,106,743; Feb. 1.
- Power transmission device. L. Lee. 2,115,958; May 3.
- Power transmission device. J. B. Suomala. 2,106,773; Feb. 1.
- Power transmission device, Liquid. W. G. Wilson. 2,122,169; June 28.
- Power transmission device, Vacuum-tight. C. V. Litton. 2,119,955; June 7.
- Power transmission device, Variable-speed. C. Keller. 2,137,139; Nov. 15.
- Power transmission, Electric. B. D. Bedford. 2,126,604; Aug. 9.
- Power transmission for automotive vehicles, Automatic. H. Koepfen and H. Grünschneder. 2,120,896; June 14.
- Power transmission means. A. J. Chantry. 2,106,720; Feb. 1.
- Power transmission mechanism. E. E. Cotanch. 2,117,654; May 17.
- Power transmission mechanism. F. A. Fritzsch. 2,105,914; Jan. 18.
- Power transmission mechanism. D. E. Gommel. 2,119,431; May 31.
- Power transmission mechanism. R. W. Hall. 2,132,951; Oct. 11.
- Power transmission mechanism. F. A. Hayes. 2,123,008; July 5.
- Power transmission mechanism. F. A. Hayes. 2,124,399; July 19.
- Power transmission mechanism. R. Hutchings. 2,108,586; Feb. 15.
- Power transmission mechanism. A. Madle. 2,109,845; Mar. 1.
- Power transmission mechanism. A. Madlé. 2,111,149; Mar. 15.
- Power transmission mechanism. J. H. Taylor. 2,129,107; Sept. 6.
- Power transmission mechanism. S. Trimbath. 2,125,526; Aug. 2.
- Power transmission mechanism for operating brakes. H. E. Hodgeson. 2,127,335; Aug. 16.
- Power transmission mechanism for swinging crane excavators or the like. G. E. Miller. 2,128,010; Aug. 23.
- Power transmission mechanism, Hydraulic. E. Götz. 2,114,076; Apr. 12.
- Power transmission mechanism, Variable speed. J. L. Cloudsley. 2,112,763; Mar. 29.
- Power transmission mechanism, Variable speed. F. A. Hayes. 2,123,006; July 5.
- Power transmission mechanism, Variable speed. F. A. Hayes. 2,140,012; Dec. 13.
- Power transmission. Motor vehicle. H. J. Mankoff. 2,134,253; Oct. 25.
- Power transmission system. C. Dell and H. L. Read. 2,112,016; Mar. 22.
- Power transmission system. H. M. Hobart. 2,141,912; Dec. 27.
- Power transmission system. F. Jansa. 2,117,889; May 17.
- Power transmission system. J. G. Swan. 2,129,884; Sept. 13.
- Power transmission system, Electric. B. D. Bedford. 2,125,096; July 26.
- Power transmission system, Electric. B. D. Bedford, C. H. Willis, and P. R. Elder. 2,119,377; May 31.
- Power transmission system for well drilling and the like. N. Wilkinson. 2,110,142; Mar. 8.
- Power transmission system, Hydraulic. H. Sinclair. 2,141,940; Dec. 27.
- Power transmitter. H. J. Le Vesconte. 2,133,228; Oct. 11.
- Power transmitting apparatus. P. H. Davey. 2,106,087; Jan. 18.
- Power transmitting device. E. A. Rockwell and J. J. Shively. 2,131,757; Oct. 1.
- Power transmitting device. K. Weihmann. 2,115,895; May 3.
- Power transmitting device, Engageable. G. Niemann. 2,125,617; Aug. 2.
- Power-transmitting device, Variable speed. C. de la Barre de Nanteuil. 2,105,186; Jan. 11.
- Power transmitting mechanism. B. B. Bachman. 2,118,943; May 31.
- Power transmitting mechanism. A. Benson. 2,109,227; Feb. 22.
- Power transmitting mechanism. H. C. Frentzel, Jr. 2,112,458; Mar. 29.
- Power transmitting mechanism. D. R. Scholes. 2,115,236; Apr. 26.
- Power transmitting mechanism, Automatic. W. E. Haupt. 2,121,663; June 21.
- Power transmitting mechanism, Automatic. J. E. Padgett. 2,111,722; Mar. 22.
- Power transmitting mechanism, Automatic. J. E. Padgett. 2,115,212; Apr. 26.
- Power transmitting mechanism, Automatic. J. E. Padgett. 2,138,980; Dec. 6.
- Power transmitting mechanism for vehicles and especially railroad vehicles. E. Bugatti. 2,107,689; Feb. 8.
- Power unit. G. O. Dean. 2,129,652; Sept. 13.
- Power unit. O. A. Fritz. 2,120,175; June 7.
- Power unit. H. W. Gouldthorpe. 2,138,656; Nov. 29.
- Power unit. W. A. White. 2,137,934; Nov. 22.
- Power unit for washing machines. J. Mikulasek. 2,134,981; Nov. 1.
- Power unit, Hydraulic. W. N. Edwards. 2,110,393; Mar. 8.
- Power unit, Internal combustion. L. J. Koch. 2,127,222; Aug. 16.
- Power unit, Portable hydraulic. R. Tosen. 2,114,241; Apr. 12.
- Power unit, Regulated. W. R. Koch. 2,127,822; Aug. 23.
- Power unit, Sectional. A. G. Redmond. 2,118,983; May 31.
- Power wrench. B. N. Foster. 2,140,223; Dec. 13.
- Power wrench. E. H. Shaff. 2,119,968; June 7.
- Practice apparatus. F. H. Dickson. 2,134,328; Oct. 25.
- Precipitates and separating same from liquids, Apparatus for conditioning. C. H. Spaulding. 2,127,314; Aug. 16.
- Precision bearing. D. E. Worley. 2,127,196; Aug. 16.
- Precision gauge. S. B. Terry. 2,122,664; July 5.
- Precision measuring device. A. G. Ladrach. 2,122,818; July 5.
- Precession initiating and controlling means for variable speed transmission mechanisms. F. A. Hayes. 2,124,398; July 19.
- Preheater. F. Graetz. 2,139,819; Dec. 13.
- Preheater, Feedwater. F. S. Bennett. 2,141,899; Dec. 27.
- Preparation of antirachitic substances. N. A. Milas. 2,117,100; May 10.
- Preparation of ergot and making the same, Highly active. M. R. Thompson. 2,116,454; May 3.
- Preparation of oxygenated compounds. J. E. Bludworth. 2,128,908-9; Sept. 6.
- Preparations for decreasing perspiration. K. K. Jones. 2,114,599; Apr. 19.
- Prepayment meter. N. Wright. 2,118,691; May 24.
- Preselctive apparatus for gear changing. G. Chasserieau. 2,116,616; May 10.
- Preslector device for controlling sliding pinion gear boxes. M. Lempereur and C. Vincent. 2,121,157; June 21.
- Preslector system. D. V. Sinninger. 2,106,229; Jan. 25.
- Preservative and contact coat for light-sensitive devices. G. W. Hewitt. 2,104,483; Jan. 4.
- Preservative process for vegetable fibers. W. T. Conn. 2,119,525; June 7.
- Preserving and disinfecting media. G. Domagk. 2,108,765; Feb. 15.
- Press: See—
- |                                   |                               |
|-----------------------------------|-------------------------------|
| Axle press.                       | Hydraulically operated press. |
| Baling press.                     | Hydromechanical press.        |
| Blanking and forming press.       | Impact press.                 |
| Box press.                        | Intaglio printing press       |
| Briquette press.                  | Ironing press.                |
| Cable sheath extruding press.     | Mechanical press.             |
| Collapsible tube extruding press. | Molding press.                |
| Dental press.                     | Newspaper printing press.     |
| Die press.                        | Plate bending press.          |
| Draw press.                       | Platen printing press.        |
| Drawing press.                    | Printing press.               |
| Drill press.                      | Pump press.                   |
| Expressing press.                 | Ring rolling press.           |
| Extrusion press.                  | Rotary press.                 |
| Filter press.                     | Rotary printing press.        |
| Fluid pressure press.             | Rotary proof press.           |
| Forming press.                    | Screw press.                  |
| Garment or ironing press.         | Shoe press.                   |
| Garment press.                    | Shoe shank cementing press.   |
| Glass press.                      | Shoe sole press.              |
| Glassworking press.               | Ski press.                    |
| Gravity press.                    | Sole press.                   |
| Hydraulic press.                  | Sole attaching press.         |
| Hydraulic speed press.            | Stamping press.               |
|                                   | Tie press.                    |
- Press. C. N. Benander. 2,135,299; Nov. 1.
- Press. A. A. Byerlein. 2,112,011-12; Mar. 22.
- Press. R. W. Glasner. 2,120,356; June 14.
- Press. R. W. Glasner and E. K. Johansen. 2,133,444; Oct. 18.
- Press. I. Harter. 2,142,052; Dec. 27.
- Press. R. H. Hill. 2,132,618; Oct. 11.
- Press. F. J. Kahn. 2,127,520; Aug. 23.
- Press. E. J. Loddell, Jr. 2,105,289; Jan. 11.
- Press. M. Maeser. 2,131,744; Oct. 4.



- Press. W. Meier. 2,141,657; Dec. 27.  
 Press. P. V. J. Merenda. 2,118,098; May 24.  
 Press. R. Temple, Jr. 2,133,364; Oct. 18.  
 Press and method of operation, Metal extrusion. R. W. Atkinson. 2,107,846; Feb. 8.  
 Press and method of operation, Metal extrusion. E. W. MacKnight. 2,107,896; Feb. 8.  
 Press, Apparatus for automatically stopping a panel. G. E. Merwin. 2,113,538; Apr. 5.  
 Press apparatus for solid carbon dioxide and the like. A. Schutz. 2,120,943; June 14.  
 Presser arrangement for warp knitting machines. H. Wirth. 2,108,736; Feb. 15.  
 Press arrangement, Multicolor. A. M. Zuckerman. 2,104,065; Jan. 4.  
 Press cage. C. B. Upton. 2,118,992; May 31.  
 Press cage construction. C. B. Upton. 2,138,670; Nov. 29.  
 Press control mechanism. W. P. Beattie. 2,139,064; Dec. 6.  
 Press control system. W. Ernst. 2,110,593; Mar. 8.  
 Press control, Plural. J. F. Shepard. 2,124,898; July 26.  
 Press cylinder, Printing. H. P. Schmidt. 2,135,150; Nov. 1.  
 Press for attaching rubber trim. J. P. Marshall. 2,134,723; Nov. 1.  
 Press for connecting veneer or similar strips. F. Herr. 2,129,276; Sept. 6.  
 Press for flattening tin cans. J. M. Wright. 2,128,630; Aug. 30.  
 Press for forming wax patterns, Dental. F. C. Miller. 2,130,593; Sept. 20.  
 Press for molding articles. R. J. Turner. 2,138,047; Nov. 29.  
 Press for plastic material, Multiple spout. G. K. Bainbridge. 2,115,246; Apr. 26.  
 Press for printing and printing press, Preparing a. W. Matuschke. 2,138,704; Nov. 29.  
 Press for watch crystals. H. A. Mintz. 2,128,659; Aug. 30.  
 Press head, Supporting and adjusting a garment. C. Schaum. 2,136,927; Nov. 15.  
 Press inking mechanism, Printing. J. E. Lee and F. Barney. 2,119,747; June 7.  
 Press mechanism. E. D. Rapisarda. 2,104,308; Jan. 4.  
 Press mold, Collapsible. J. L. Milani. 2,136,517; Nov. 15.  
 Press operating mechanism. J. M. Dewey. 2,116,143; May 3.  
 Press-slide with gag-connection. W. Klocke. 2,138,106; Nov. 29.  
 Press unit, Rotary. A. E. Dowell. 2,104,026; Jan. 4.  
 Presser, Garment. C. T. Allme. 2,121,849-50; June 28.  
 Presser, Shoe. M. W. Miller. 2,137,946; Nov. 22.  
 Presses, Device for interrupting and re-continuing the operation of cylinder printing. A. Büttner. 2,118,965; May 31.  
 Pressing device. S. Cohn. 2,123,402; July 12.  
 Pressing machine. S. Booth. 2,122,927; July 5.  
 Pressing machine. M. Friedman. 2,132,562; Oct. 11.  
 Pressing machine. O. Ganio. 2,122,316; June 28.  
 Pressing machine. C. Mendelson. 2,141,249; Dec. 27.  
 Pressing machine for collars. S. Stadub. 2,141,051; Dec. 20.  
 Pressing machine, Shirt gusset. J. Faber, Jr. 2,135,614; Nov. 8.  
 Pressing machine work support positioning means. G. R. Bicknell. 2,139,066; Dec. 6.  
 Pressing-on device for type-levers. A. Salzberger. 2,114,659; Apr. 19.  
 Pressure adjusting device. P. Dietrich. 2,138,142; Nov. 29.  
 Pressure and scaling device for containers. W. C. Parrott. 2,134,985; Nov. 1.  
 Pressure. Apparatus for measuring fluid. J. Okill. 2,130,619; Sept. 20.  
 Pressure apparatus, Variable. A. I. Newman. 2,138,527; Nov. 29.  
 Pressure casting die. N. Lester and A. E. Weiss. 2,124,529; July 26.  
 Pressure casting machine. W. M. Lester. 2,112,342; Mar. 29.  
 Pressure casting machine. N. and W. M. Lester. 2,112,343; Mar. 29.  
 Pressure compensator. W. C. Wagner. 2,122,597; July 5.  
 Pressure compensating device for multiple gas chambers. P. M. Bourdon. 2,107,596; Feb. 8.  
 Pressure control device. J. J. Trefz and O. Kaspar. 2,138,412; Nov. 29.  
 Pressure control for hydraulic brakes. R. F. Ostrander. 2,136,706; Nov. 15.  
 Pressure control for pneumatically operated apparatus. Dual. C. H. Rippl. 2,118,779; May 24.  
 Pressure control fitting. T. A. Larry. 2,108,068; Feb. 15.  
 Pressure control mechanism, Fluid. W. J. Andres. 2,141,678; Dec. 27.  
 Pressure control mechanism, Fluid. L. A. Majnerl. 2,115,174; Apr. 26.  
 Pressure control mechanism, Fluid. L. A. Majnerl. 2,120,073; June 7.  
 Pressure controlled apparatus. J. T. Boyd. 2,118,029; May 24.  
 Pressure controlling valve. A. J. E. and K. G. V. Rylander. 2,106,537; Jan. 25.  
 Pressure cooler. J. Bucher and E. F. Tullar. 2,135,165; Nov. 1.  
 Pressure equalizing arrangement for reciprocating pumps. J. H. Doran. 2,138,654; Nov. 29.  
 Pressure fluid engine. R. D. Conklin. 2,114,334; Apr. 19.  
 Pressure fluid engine. P. R. Forman. 2,115,845; May 3.  
 Pressure fluid gauge. W. H. Longstreet. 2,128,619; Aug. 30.  
 Pressure fluid motor. E. G. Gartin. 2,110,331; Mar. 8.  
 Pressure gauge. O. W. Helse. 2,116,628; May 10.  
 Pressure gauge. I. S. Salnikov. 2,120,991; June 21.  
 Pressure gauge, Hydraulic. S. T. Williams. 2,110,386; Mar. 8.  
 Pressure indicating device. J. G. Bingham. 2,120,691; June 14.  
 Pressure indicating instrument, Sub-atmospheric. H. W. Mitchell. 2,111,221; Mar. 15.  
 Pressure indication within well bores. W. T. Wells. 2,139,105; Dec. 6.  
 Pressure indicator. P. M. Bourdon. 2,107,595; Feb. 8.  
 Pressure indicator. M. Kadenacy. 2,119,166; May 31.  
 Pressure means for frictional power transmission mechanisms, Tractive. F. A. Hayes. 2,123,007; July 5.  
 Pressure measuring device, Tire. W. H. and A. G. Hendel. 2,126,327; Aug. 9.  
 Pressure measuring means. F. F. Uehling. 2,136,809; Nov. 15.  
 Pressure mechanism for drafting apparatus. T. Harris. 2,139,016; Dec. 6.  
 Pressure operated switch. H. Frohman. 2,111,969; Mar. 22.  
 Pressure producing device for fluid pressure systems. H. C. Bowen. 2,114,991; Apr. 26.  
 Pressure pump. H. Nilson. 2,106,620; Jan. 25.  
 Pressure recorder. J. E. Gosline. 2,115,018; Apr. 26.  
 Pressure recording apparatus and method. J. A. Stein and H. F. Semrau. 2,106,772; Feb. 1.  
 Pressure reducing and regulating valve. G. M. Booth. 2,137,204; Nov. 15.  
 Pressure reducing device. J. T. Black. 2,118,290; May 24.  
 Pressure reducing device. M. O. Crawford and M. B. Heffler. 2,118,295; May 24.  
 Pressure regulating device. P. S. Russel. 2,104,700; Jan. 4.  
 Pressure regulator. R. C. Hughes. 2,115,580; Apr. 26.  
 Pressure regulator. I. C. Jennings. 2,139,411; Dec. 6.  
 Pressure regulator. R. W. Leutwiler and W. Eichholz. 2,134,257; Oct. 25.  
 Pressure regulator. G. W. McKee. 2,129,856; Sept. 13.  
 Pressure regulator. J. E. Vincent. 2,115,512; Apr. 26.  
 Pressure regulator and meter, Combination. O. B. Koldkamp. 2,115,259; Apr. 26.  
 Pressure regulating and reducing apparatus. G. H. Smith and W. J. Jacobsson. 2,119,473; May 31.  
 Pressure releasing apparatus. J. P. Hodge. 2,105,735; Jan. 18.  
 Pressure relief valve. A. Cibulka. 2,128,039; Aug. 23.  
 Pressure relief valve. H. H. Lamar. 2,111,430; Mar. 15.  
 Pressure relief valve. P. S. Rosenberg. 2,133,575; Oct. 18.  
 Pressure responsive apparatus. J. W. McDonnell. 2,118,852; May 31.  
 Pressure separating device, Continuous. R. M. Thompson. 2,112,869; Apr. 5.  
 Pressure switch. H. L. Van Valkenburg and C. A. Schaefer. 2,135,265; Nov. 1.  
 Pressure tank. G. E. Bullock. 2,105,451; Jan. 11.  
 Pressure testing, Apparatus for. H. W. Landenberger. 2,135,721; Nov. 8.  
 Pressure tool, Manually operated. J. Jensen. 2,113,087; Apr. 5.  
 Pressure treating apparatus. E. L. Fickett, W. O. Forman, and P. E. Arthur. 2,114,999; Apr. 26.  
 Pressure treating device. E. L. Fickett, W. O. Forman, and P. E. Arthur. 2,114,998; Apr. 26.  
 Pressure used in air locks, Apparatus for conserving. W. B. Updegraff. 2,114,038; Apr. 12.  
 Pretzel machine. W. M. Young and L. B. Paules. 2,114,951; Apr. 19.  
 Pretzels, Apparatus for the manufacture of. E. W. Curtis. 2,107,749; Feb. 8.  
 Prewound casting reel. L. S. Brown and J. P. Dolce. 2,116,959; May 10.  
 Price tag holder. W. Black. 2,137,938; Nov. 22.  
 Prices, Apparatus for calculating ticket. K. A. A. Johanson. 2,128,707; Aug. 30.  
 Primary cell. R. Oppenheim. 2,118,712; May 24.  
 Primary control. A. A. Strand. 2,119,894; June 7.  
 Prime mover. T. J. Rees. 2,114,969; Apr. 19.  
 Prime mover control mechanism. A. Maas. 2,116,440; May 3.  
 Primer for high explosives. W. E. Kiest. 2,138,581; Nov. 29.  
 Priming composition. G. C. Hale and W. H. Rinkenbach. 2,116,514; May 10.  
 Priming composition. G. C. Hale and W. H. Rinkenbach. 2,124,568-70; July 26.  
 Priming mixture. J. D. McNutt. 2,136,801; Nov. 15.  
 Print drier, Photographic. V. L. Polson. 2,106,931; Feb. 1.  
 Print lifter and method. F. J. Struble. 2,122,589; July 5.  
 Print, Relief. J. J. Tighe. 2,128,105; Aug. 23.



- Print roll composition. L. H. Harrison. 2,121,126; June 21.
- Print roll composition. J. T. Power. 2,121,131; June 21.
- Printer, Multiple transforming. L. T. Eliel. 2,130,793; Sept. 20.
- Printer slotter. T. S. Fitchett. 2,110,212; Mar. 8.
- Printer-slotter feeding mechanism. G. W. Swift, Jr. 2,110,980; Mar. 15.
- Printer's clamp. E. A. Minton. 2,110,810; Mar. 8.
- Printer's register hook. W. F. Brüggmann. 2,124,728; July 26.
- Printer's tool. W. C. Edy. 2,133,501; Oct. 18.
- Printer's type cabinet. A. B. Bell. 2,106,163; Jan. 25.
- Printing. H. P. Elliott. 2,134,815; Nov. 1.
- Printing. P. A. Frazier. 2,127,955; Aug. 23.
- Printing. C. E. Gray. 2,124,294; July 19.
- Printing. W. Matuschko. 2,138,703; Nov. 29.
- Printing and accounting machine. J. W. Bryce. 2,129,645; Sept. 13.
- Printing and article resulting therefrom. R. T. K. Cornwell. 2,121,021; June 21.
- Printing and control device. W. T. Collwitzer. 2,132,412; Oct. 11.
- Printing and device therefor. L. H. Amdur. 2,107,272; Feb. 8.
- Printing and enlarging machine. A. L. Mayer. 2,107,867; Feb. 8.
- Printing and materials therefor, Accelerated diazo. W. M. Hinman. Re. 20,708; Apr. 26.
- Printing and other textile treatments. G. Rivat. 2,123,153; July 5.
- Printing and pinning machine. C. A. Flood. 2,125,626; Aug. 2.
- Printing and resetting mechanism. K. Imkamp. 2,108,858; Feb. 22.
- Printing and sorting machine, Combined. F. L. Fuller and S. Brand. 2,122,136; June 28.
- Printing apparatus. R. Atti. 2,124,179; July 19.
- Printing apparatus. G. W. Booth. 2,105,399-400; Jan. 11.
- Printing apparatus. M. E. Gazette. 2,140,834; Dec. 20.
- Printing apparatus. K. R. Hoyt. 2,134,129; Oct. 25.
- Printing apparatus. G. G. Johnson and R. J. Maller. 2,125,346; Aug. 2.
- Printing apparatus. H. L. Latz. 2,123,013; July 5.
- Printing apparatus. J. Rona. 2,124,376; July 19.
- Printing apparatus. M. F. Scheffler. 2,132,086; Oct. 4.
- Printing apparatus. R. J. Thorn. 2,115,692; Apr. 26.
- Printing, Apparatus for intaglio or the like. H. Woodhead. 2,112,188; Mar. 22.
- Printing apparatus for woven goods, Selvedge. H. Nahholz. 2,110,306; Mar. 8.
- Printing apparatus, Photomechanical. W. C. Huebner. 2,129,767; Sept. 13.
- Printing attachment for addressing machines, Repeat. H. P. Elliott. 2,106,675; Jan. 25.
- Printing attachment for pencils. C. Rebl. 2,109,342; Feb. 22.
- Printing composition. P. L. Magill and C. Dangelmajer. 2,130,807; Sept. 20.
- Printing composition and manufacture. W. J. Koenig. 2,136,108; Nov. 8.
- Printing device. F. E. Curtis. 2,116,235; May 3.
- Printing device. W. T. Gollwitzer. 2,115,444; Apr. 26.
- Printing device. W. E. Naylor. 2,111,124; Mar. 15.
- Printing device, Intaglio. I. Gurwick. 2,104,985; Jan. 11.
- Printing element and making and using same. P. A. Frazier. 2,133,981; Oct. 25.
- Printing frame. E. L. Anderson. 2,117,051; May 10.
- Printing instrumentality for typewriting machines. C. A. Fuchs. 2,127,507; Aug. 23.
- Printing machine. C. A. Flood. 2,121,864; June 28.
- Printing machine. U. F. Gochoel. 2,136,683; Nov. 15.
- Printing machine. W. T. Gollwitzer. 2,132,411; Oct. 11.
- Printing machine. W. T. Gollwitzer. 2,132,413-15; Oct. 11.
- Printing machine. W. T. Gollwitzer. 2,133,136; Oct. 11.
- Printing machine. W. D. Kimball. 2,109,590; Mar. 1.
- Printing machine. J. D. Klopffenstein. 2,110,140; Mar. 8.
- Printing machine. A. H. Lakeman and L. A. Gale. 2,110,228; Mar. 8.
- Printing machine. C. B. Nelson and B. Lindell. 2,127,851; Nov. 22.
- Printing machine. T. Taylor. 2,109,808; Mar. 1.
- Printing machine, Basket. E. C. Nissen. 2,124,792; July 26.
- Printing machine, Electrical repeating. W. F. Muller. 2,128,793; Nov. 29.
- Printing machine, Multicolor sheet fed rotary. W. F. Huck. 2,128,465; Nov. 29.
- Printing machine, Multicolor sheet fed rotary. W. F. Huck. 2,128,167; Nov. 29.
- Printing machine, Record controlled. A. W. Mills, E. J. Rabenda, and E. J. Burman. 2,131,919; Oct. 4.
- Printing machine, Rotary. P. Koch. 2,115,725; May 3.
- Printing machine, Rotary. K. T. Lang. 2,138,179; Nov. 29.
- Printing machine, Rotary intaglio. A. J. Horton. 2,124,778; Aug. 16.
- Printing machine, Selective. W. T. Gollwitzer. 2,123,110; Oct. 11.
- Printing machine, Wallpaper sample. C. B. Richardson. 2,133,401; Oct. 18.
- Printing mechanism. J. W. Bryce. 2,131,913; Oct. 4.
- Printing mechanism. J. A. Close and S. R. Collins. 2,130,229; Sept. 13.
- Printing mechanism. G. F. Daly. 2,138,627; Nov. 29.
- Printing mechanism. M. J. Hoffman. 2,119,539; June 7.
- Printing mechanism. A. W. Mills. 2,111,121; Mar. 15.
- Printing mechanism. A. W. Mills. 2,131,918; Oct. 4.
- Printing mechanism. A. W. Mills and E. J. Rabenda. 2,111,122; Mar. 15.
- Printing mechanism for cash registers. W. H. Robertson. 2,116,214; May 3.
- Printing mechanism for registers. A. S. Wheelbarger and W. G. Orth. 2,119,693; June 7.
- Printing member and producing same. W. E. Griswold. 2,107,294; Feb. 8.
- Printing member for intaglio or rotary photogravure. A. A. Leuchter. 2,127,824; Aug. 23.
- Printing method and apparatus. A. Wagner. 2,116,455; May 3.
- Printing, Method and apparatus for preventing slipping in. T. E. Knowlton. 2,139,164; Dec. 6.
- Printing method and machine. L. H. Amdur. 2,107,273; Feb. 8.
- Printing, Method of and apparatus for. F. G. Bemis and A. N. Weeks. 2,128,343; Aug. 30.
- Printing, Multicolor. A. C. Dobroth, Jr. 2,117,546; May 17.
- Printing of items, Repeat. H. A. Weinlich and K. H. Breinlinger. 2,138,649; Nov. 29.
- Printing on nonabsorptive surfaces. D. W. Knaggs. 2,119,546; June 7.
- Printing or coating machine, Rotary. D. Greenhill. 2,141,978; Dec. 27.
- Printing or other machine. W. C. Scott. 2,120,714; June 14.
- Printing paste thickener. E. Franz and M. Hardtmann. 2,127,770; Aug. 23.
- Printing plate. A. C. Hardy. 2,136,340; Nov. 8.
- Printing plate. W. F. Huck. 2,131,891; Oct. 4.
- Printing plate and formation thereof. W. A. Lippincott. 2,108,822; Feb. 22.
- Printing plate and making the same. A. B. Davis. 2,114,288; Apr. 19.
- Printing plate casting machine. W. F. Huck. 2,136,383; Nov. 15.
- Printing plate, Lithographic. W. S. Field. 2,126,181; Aug. 9.
- Printing plate mounting. W. F. Brüggmann. 2,125,331; Aug. 2.
- Printing plate, Planographic. W. B. Wescott. 2,119,031; May 31.
- Printing plate, Producing a. E. E. Eckardt. 2,130,735; Sept. 20.
- Printing plate unit. G. A. Betts. 2,108,039; Feb. 15.
- Printing plates, Apparatus for cooling curved stereotype. W. Gerrard and W. Harris. 2,120,176; June 7.
- Printing plates, Apparatus for drying. J. Peters and H. M. Crosby. 2,120,471; June 14.
- Printing plates, Apparatus for heat treating electrotpe. H. M. Blaetz. 2,129,904; Sept. 13.
- Printing plates, Apparatus for producing. I. Brimberg. 2,112,010; Mar. 22.
- Printing plates, Attaching. H. C. Osborn. 2,115,468; Apr. 26.
- Printing plates, Composing relief. W. C. Huebner. 2,131,323; Sept. 27.
- Printing plates, Finishing. W. H. Banzett. 2,118,801; May 31.
- Printing plates, Forming. W. F. Huck. 2,122,142; June 28.
- Printing plates, Making color. E. D. Lake. 2,129,945; Sept. 13.
- Printing plates, Method of and apparatus for making. J. Schwartz and A. Ackley. 2,110,426; Mar. 8.
- Printing plates, Producing. S. C. Wilson. 2,139,054; Dec. 6.
- Printing plates, Production of color. W. F. Sinn. 2,139,917; Dec. 13.
- Printing plates, Punching multicolor. O. Seffzig. 2,131,359; Sept. 27.
- Printing preparation. O. Albrecht, M. Bommer and F. Grieshaber. 2,128,599; Aug. 30.
- Printing press. E. E. Burroughs. 2,122,128; June 28.
- Printing press. L. V. Dearing. 2,140,986; Dec. 20.
- Printing press. H. N. Durham. 2,112,078; Mar. 22.
- Printing press. C. W. Harrold and C. G. Horton. 2,121,195; June 21.
- Printing press. J. F. Jirousek. 2,109,486; Mar. 1.
- Printing press. C. R. Kaddeland. 2,124,420; July 19.
- Printing press. S. D. Livingston. 2,133,459; Oct. 18.
- Printing press. C. A. Meisel. 2,132,827; Oct. 11.
- Printing press. L. Q. Presby. 2,107,647; Feb. 8.
- Printing press. W. P. Shomaker. 2,116,609; May 10.
- Printing press. B. Wale. 2,121,308; June 21.
- Printing press. E. Wolff. 2,131,207; Sept. 27.
- Printing press. J. R. Wood. 2,112,216; Mar. 22.
- Printing press attachment. D. R. Donnell. 2,133,658; Oct. 18.
- Printing press clamp. S. Q. Kline. 2,108,490; Feb. 15.
- Printing press mechanism. E. D. Stevens, E. F. Dudley, and E. A. Verrinder. 2,129,972; Sept. 13.
- Printing press, Rotary. E. Wale. 2,121,309; June 21.
- Printing press, Rotary intaglio. C. S. Crafts. 2,110,289; Mar. 8.



- Printing process. F. Visser't Hooft. 2,109,774; Mar. 1.  
 Printing, Repeat design. T. R. Gautier. 2,128,877; Aug. 30.  
 Printing roll. M. M. Safford. 2,125,817; Aug. 2.  
 Printing, Screen process. N. Louft. 2,132,635; Oct. 11.  
 Printing solution. F. Lauter. 2,140,754; Dec. 20.  
 Printing, Sound record. G. L. Dimmick. 2,131,501; Sept. 27.  
 Printing surfaces, Mounting. E. G. Newing. 2,106,379; Jan. 25.  
 Printing telegraph. L. H. and D. S. James. 2,135,398; Nov. 1.  
 Printing telegraph apparatus. R. E. Zenner. 2,103,110; Jan. 4.  
 Printing telegraph system. E. A. Demonet. 2,106,691; Jan. 25.  
 Printing telegraph system. F. S. Kinkad. 2,138,580; Nov. 29.  
 Printing telegraph system and apparatus. R. D. Salmon. 2,117,855; May 17.  
 Printing with mordant dyestuffs. E. Gubler. 2,131,320; Sept. 27.  
 Prints, Device for washing photographic. F. C. Schnelz. 2,105,165; Jan. 11.  
 Prints, Manufacture of lenticular. J. Eggert and G. Heymer. 2,129,205; Sept. 6.  
 Prints, Method and apparatus for drying. G. M. Dye. 2,137,480; Nov. 22.  
 Prints, particularly copper prints, Device for drying. F. von Heinrich. 2,127,217; Aug. 16.  
 Prints, Production of photographic diazotype. W. P. Leuch. 2,113,944; Apr. 12.  
 Prism. O. K. Kasperleit. 2,119,542-4; June 7.  
 Prism. O. K. Kasperleit. 2,119,545; June 7.  
 Privacy system. B. W. Kendall and D. Mitchell. 2,107,756; Feb. 8.  
 Privacy system. D. Mitchell. 2,129,860; Sept. 13.  
 Process and article produced thereby. H. H. Reptogle. 2,137,701; Nov. 22.  
 Processing film holder. R. H. Draeger. 2,125,285; Aug. 2.  
 Produce-handling apparatus. E. H. Spiegl. 2,138,285; Nov. 29.  
 Product, Acid resisting laminated. G. H. Mains. 2,128,097; Aug. 23.  
 Product and manufacture, Laminated. J. D. Cochrane, Jr. 2,118,549; May 24.  
 Product and preparing same. E. K. Gladding and D. B. Maney. 2,122,418; July 5.  
 Product and process whereby prepared, Coated. G. D. Patterson. 2,128,961; Sept. 6.  
 Product and the manufacture thereof. G. S. Radford. 2,110,371; Mar. 8.  
 Product, Antirachitically active. A. Windaus. 2,128,199; Aug. 23.  
 Product based upon maté and making the same. D. E. Fink. 2,126,374; Aug. 9.  
 Product containing calcium nitrate and ammonium nitrate, Manufacturing a. S. J. Gelhaar. 2,132,155; Oct. 4.  
 Product for surfacing roads. P. M. A. Léauté. 2,112,168; Mar. 22.  
 Product from mucllaginous substance of eel, Manufacturing a powdered. T. Mayehara. 2,119,822; June 7.  
 Product simulating leather, Manufacture of. F. F. Schwartz. 2,109,911; Mar. 1.  
 Product treating machine. H. R. Lewis. 2,114,537; Apr. 19.  
 Products and processes for producing same. A. M. Collins. 2,109,968; Mar. 1.  
 Products from hydrocarbon gases, Producing valuable. W. K. Lewis. 2,130,669; Sept. 20.  
 Products from mineral oils, Process of and apparatus for producing lower boiling. W. G. Leamon. 2,126,400; Aug. 9.  
 Products from oil, Apparatus for manufacture of useful. R. M. Parsons. 2,114,312; Apr. 19.  
 Products made from cellulose derivatives, Manufacture of. E. Berl. 2,122,448; July 5.  
 Products of fermentation, Recovery of. G. T. Reich. 2,126,574; Aug. 16.  
 Profile and diesinking machine, Automatic universal. B. Sassen. 2,142,061; Dec. 27.  
 Program selector, Automatic radio. R. H. Berkins. 2,130,164; Sept. 13.  
 Programs, Apparatus for displaying radio. J. T. Jones. 2,109,535; Mar. 1.  
 Projectile. L. V. S. Blacker. 2,112,758; Mar. 29.  
 Projectile. E. W. Brandt. 2,115,608; Apr. 26.  
 Projectile. J. E. Hellich. 2,121,796; June 28.  
 Projectile. R. R. Studler. 2,120,913; June 11.  
 Projectile and gun. O. Logan. 2,115,028; Apr. 26.  
 Projectile, Artillery. M. Vos. 2,137,598; Nov. 22.  
 Projectile for smooth bore weapons. E. W. Brandt. 2,113,313; Apr. 5.  
 Projectile, Self-propelling. L. Damblanc. 2,114,214; Apr. 12.  
 Projecting apparatus. E. G. Dorgelo. 2,113,194; Apr. 5.  
 Projecting apparatus and system. A. D. Eltzen. 2,107,290; Feb. 8.  
 Projecting machine, News. A. D. Eltzen. 2,108,056; Feb. 15.  
 Projecting machine, Stock quotation. A. D. Eltzen. 2,108,054; Feb. 15.  
 Projecting mechanism. W. G. H. Finch. 2,136,209; Nov. 8.  
 Projection apparatus. V. V. Pratt. 2,130,561; Sept. 20.  
 Projection apparatus. H. Smith. 2,131,693; Sept. 27.  
 Projection device. V. E. Pratt and Z. Takats. 2,125,582; Aug. 2.  
 Projection screen. M. Lennard. 2,107,038; Feb. 1.  
 Projection screen. R. Mendoza. 2,113,703; Apr. 12.  
 Projection screen. J. L. Stableford. 2,133,120; Oct. 11.  
 Projection screen, Translucent. B. M. Bodde. 2,133,076; Oct. 11.  
 Projection system. D. F. Newman. Re. 20,902; Nov. 1.  
 Projection timing device. D. Franklin. 2,141,037; Dec. 20.  
 Projectometer. C. W. Schantz. 2,123,210; July 12.  
 Projector and sound reproducing installations, Control unit for. C. D. Fator. 2,125,903; Aug. 9.  
 Projector, Lantern slide dissolving view. A. W. Tournay-Hinde. 2,124,090; July 19.  
 Projector, Looped film motion picture. T. G. Frederick. 2,129,467; Sept. 6.  
 Projector, Motion picture. W. J. Morrissey. 2,124,587; July 26.  
 Projector, Radiant energy. E. P. Creehan. 2,129,676; Sept. 13.  
 Projector, Radio range beam. E. H. Burgin. 2,138,595; Nov. 29.  
 Projector, Rotary. A. B. Steuart. 2,127,274; Aug. 16.  
 Projector, Talking motion picture. E. Ross. 2,127,143; Aug. 16.  
 Projector, Teletypewriter. G. E. Atkins. 2,136,602; Nov. 15.  
 Projectors, Control apparatus for motion picture. W. M. Haliburton and R. X. Vandette. 2,124,917; July 26.  
 Projectors, Safety device for. A. F. Victor. 2,120,476; June 14.  
 Prolamine base composition, Plasticized. D. W. Hansen. 2,115,716; May 3.  
 Prolamine compositions, Manufacture of. D. W. Hansen. 2,115,717; May 3.  
 Prop, Automobile hood. R. C. Jacobs. 2,130,186; Sept. 13.  
 Prop, Deck lid. R. C. Jacobs. 2,130,185; Sept. 13.  
 Prop for semitrailers. J. J. Black. 2,118,004; May 17.  
 Prop, Pipe. F. M. Ashley. 2,115,696; May 3.  
 Propane treating in cracking systems. H. V. Atwell. 2,108,636; Feb. 15.  
 Propeller. E. W. Austin. 2,116,818; May 10.  
 Propeller. H. A. Berliner. 2,115,454; Apr. 26.  
 Propeller. J. N. Blair. 2,105,963; Jan. 18.  
 Propeller. S. F. Crumback. 2,111,178; Mar. 15.  
 Propeller. B. H. Deal. 2,125,549; Aug. 2.  
 Propeller. T. A. Dicks. 2,124,548; July 26.  
 Propeller. E. Drouillard. 2,111,093; Mar. 15.  
 Propeller. W. W. Everts. 2,124,369; July 19.  
 Propeller. G. Feige. 2,133,853; Oct. 18.  
 Propeller. F. F. Hackethal. 2,109,696; Mar. 1.  
 Propeller. C. H. Havill. 2,132,162; Oct. 4.  
 Propeller. S. Heath. 2,127,687; Aug. 23.  
 Propeller. T. Kelleweay. 2,134,921; Nov. 1.  
 Propeller. R. P. Lansing. 2,125,187; July 26.  
 Propeller. E. Martin. 2,124,351; July 19.  
 Propeller. E. D. McNeal. 2,124,791; July 26.  
 Propeller. M. P. Shackelford. 2,111,947; Mar. 22.  
 Propeller. M. D. Thompson. 2,134,157; Oct. 25.  
 Propeller. J. Weichwald. 2,116,054-5; May 3.  
 Propeller, Adjustable. W. W. Everts. 2,134,660; Oct. 25.  
 Propeller, Adjustable. H. Reissner. 2,140,718; Dec. 20.  
 Propeller, Aeronautical. E. Martin. 2,135,190; Nov. 1.  
 Propeller, Aircraft. L. L. Miles. 2,104,207; Jan. 4.  
 Propeller and like rotary member. E. C. Saint-Jacques. 2,138,072; Nov. 29.  
 Propeller assembly for aircraft. R. K. Odor. 2,118,052; May 24.  
 Propeller, Automatic. J. Squires. 2,118,574; May 24.  
 Propeller, Automatic variable pitch. D. G. Lilley. 2,123,193; July 12.  
 Propeller blade. T. A. Dicks. 2,124,549; July 26.  
 Propeller blade. G. T. Lampton. 2,127,264; Aug. 16.  
 Propeller blade, Hinged. W. C. Ocker and G. R. Smith. 2,125,948; Aug. 9.  
 Propeller blade pitch regulator. C. L. Smith. 2,139,982; Dec. 13.  
 Propeller blade pitch setting device. W. W. Burrington. 2,124,760; July 26.  
 Propeller blades, Making. F. W. Caldwell. 2,114,414; Apr. 19.  
 Propeller blades, Making. F. W. Caldwell. 2,138,870; Nov. 29.  
 Propeller blades, Mounting. H. Ellinghausen. 2,129,206; Sept. 6.  
 Propeller construction. M. J. Stone. 2,117,688; May 17.  
 Propeller, Controlling variable pitch. E. Dodson. 2,115,385; Apr. 26.  
 Propeller drive for coaxial oppositely rotating propellers. A. H. King. 2,132,481; Oct. 11.  
 Propeller drive mechanism, Aeroplane. P. Blaser. 2,135,381; Nov. 1.  
 Propeller driven vehicle. T. M. Finley. 2,115,711; May 3.  
 Propeller for aircraft. S. H. Jaul. 2,129,939; Sept. 13.  
 Propeller for aircraft, Variable pitch. M. Grabarse and L. Hoffmann. 2,107,785; Feb. 8.  
 Propeller for propelling and steering ships. A. F. Anderson. 2,112,048; Apr. 5.  
 Propeller making. J. Squires. 2,138,127; Nov. 29.



- Propeller, Model airplane. F. J. Merz, Jr., and G. B. Merz. 2,128,009; Aug. 23.
- Propeller mounting. F. T. Irgens. 2,111,245; Mar. 15.
- Propeller. Reversible. A. P. Hunter and A. E. Pearson. 2,133,519; Oct. 18.
- Propeller shaft mounting. D. J. Deschamps. 2,113,017; Apr. 5.
- Propeller shaft, Sealed. C. W. Spicer. 2,116,290; May 3.
- Propeller shaping machine. J. R. and G. H. Albers. 2,122,631; July 5.
- Propeller spider, Flexible. J. M. Tyler. 2,112,797; Mar. 29.
- Propeller surfacing machine. J. C. Shaw. 2,122,662; July 5.
- Propeller, Thrust-relieved. M. M. Munk. 2,123,657; July 12.
- Propeller unit, Aircraft. J. W. Sessums. 2,126,221; Aug. 9.
- Propeller, Variable pitch. L. E. Reid. 2,126,813; Aug. 16.
- Propeller wrench, Controllable pitch. E. L. Sergeant. 2,110,427; Mar. 8.
- Propellers, Oppositely rotating coaxial. E. Martin. 2,123,057; July 5.
- Propellers, Stopping rotation of. R. B. Quick. 2,141,091; Dec. 20.
- Propelling device. H. Coanda. 2,108,652; Feb. 15.
- Propelling device for aeroplanes. C. Waseige. 2,120,821; June 14.
- Propelling device for vehicles. H. Dumont. 2,134,440; Oct. 25.
- Propelling mechanism for aircraft and vehicles. H. E. Irwin. 2,138,034; Nov. 29.
- Proportional feeder. J. W. Hoefling. 2,117,805; May 17.
- Proportioning apparatus. D. W. Haering. 2,120,608; June 14.
- Proportioning apparatus. B. H. Thurman. 2,142,062; Dec. 27.
- Proportioning device. M. Cornell. 2,109,331; Feb. 22.
- Proportioning device. C. B. Hill. 2,105,078; Jan. 11.
- Proportioning motor. L. O. Gunderson. 2,127,730; Aug. 23.
- Proportioning valve. A. C. Meagher. 2,106,572; Jan. 25.
- Propulsion means for watercraft. L. E. Norquist. 2,117,495; May 17.
- Propulsion mechanism for aircraft. R. H. Burgess. 2,125,063; July 26.
- Propylene dichloride, Chlorination of. A. A. Levine and O. W. Cass. 2,119,484; May 31.
- Protection means for fan cooled rectifier and the like. E. A. Hart. 2,112,093; Mar. 22.
- Protection of bodies for sandblasting ornamentation. R. H. Kavanaugh. 2,106,979; Feb. 1.
- Protective and alarm system. E. Vroom. 2,115,152; Apr. 26.
- Protective apparatus. O. C. Traver. 2,131,605; Sept. 27.
- Protective apparatus. A. R. van C. Warrington. 2,131,608; Sept. 27.
- Protective apparatus, such as lightning arresters, and hail protectors, Radioactive. P. Grenier. 2,128,408; Aug. 30.
- Protective arrangement. O. C. Traver. 2,137,865; Nov. 22.
- Protective arrangement for alternating current systems. E. H. Bancker and T. A. Cramer. 2,141,896; Dec. 27.
- Protective cigarette holder. F. Skidmore. 2,134,213; Oct. 25.
- Protective circuit. O. P. McCarty. 2,137,216; Nov. 15.
- Protective circuit. K. R. Wendt. 2,119,372; May 31.
- Protective collar, Auxiliary. N. V. Nicolet. 2,116,685; May 10.
- Protective device. A. E. Vasbinder. 2,114,158; Apr. 12.
- Protective device, Electric. H. T. Bussmann. 2,111,749; Mar. 22.
- Protective device for athletic wear. H. M. Pryale. 2,140,716; Dec. 20.
- Protective device for automobile motors. Water. W. Schenk. 2,127,271; Aug. 16.
- Protective device for crankcase ventilators. E. K. Holmes. 2,138,098; Nov. 29.
- Protective device for drill pipes. H. C. W. Miller. 2,126,405; Aug. 9.
- Protective device for electric circuits. L. L. Crump. 2,137,270; Nov. 22.
- Protective device for photographic cameras. A. C. Mayo. 2,134,308; Oct. 25.
- Protective device for systems of water supply. I. Salvoni. 2,115,499; Apr. 26.
- Protective device for vehicle windows. E. M. Griffith. 2,119,635; June 7.
- Protective device, Labyrinth. L. A. Brooke. 2,141,102; Dec. 20.
- Protective means for electrolytic devices. F. M. Clark and R. A. Buscetta. 2,123,713; July 12.
- Protective means for fan cooled rectifiers and the like. E. A. Hart. 2,112,093; Mar. 22.
- Protective means for shoes. H. Coenen. 2,141,345; Dec. 27.
- Protective structure against artillery shells. L. Calzavara. 2,110,322; Mar. 8.
- Protective system. G. Darrieus. Re. 20,820; Aug. 9.
- Protective system. J. W. McNairy. 2,117,196; May 10.
- Protective system. H. Neugebauer. 2,130,896; Sept. 20.
- Protective system for electric valve circuits. C. H. Willis. 2,126,523; Aug. 9.
- Protective system, Time delay undervoltage. B. W. Jones. 2,115,582; Apr. 26.
- Protector: See—
- Anchored heel protector. Lock protector.
  - Baseball head protector. Permanent wave protector.
  - Book cover protector. Pipe thread protector.
  - Book protector. Plant protector.
  - Crown and brim protector. Radiator protector.
  - Drinking protector. Sanitary protector.
  - Ear protector. Shoe protector.
  - Electric circuit protector. Ski form protector.
  - Eye protector. Substation protector.
  - Face protector. Terminal protector.
  - Garment protector. Thread protector.
  - Hand and glove protector. Transformer thermal protector.
  - Hand protector. Tree clamp or cup protector.
  - Hog tongue protector. Vent opening protector.
  - Horn protector. Vent protector.
  - Hose protector. Wallet protector.
  - Lamp fuse protector. Weather protector.
  - Line protector.
- Protector. J. P. Heumann. 2,116,241; May 3.
- Protector. R. M. Mann. 2,119,396; May 31.
- Protector. H. C. Sternberg. 2,122,627; July 5.
- Protector against sting ray, Foot. E. Montano. 2,129,226; Sept. 6.
- Protector and shield. G. A. L. Linden. 2,112,916; Apr. 5.
- Protector and support, Garment. C. R. Ford. 2,127,024; Aug. 16.
- Protector device for cigarettes in a package. H. J. Rock. 2,134,341; Oct. 25.
- Protector for electric plugs. T. H. Honey. 2,136,850; Nov. 15.
- Protector for fuel tank caps, Over-all snap lock. A. M. Malluk. 2,131,060; Sept. 27.
- Protector for fuel tank openings, Cap. A. M. Malluk. 2,138,871; Dec. 6.
- Protector for garment hangers, Garment. A. M. Johnson. 2,107,003; Feb. 1.
- Protector for hot air hair driers, Face. V. S. Ault. 2,124,131; July 19.
- Protector for permanent wave treatments. P. Albert and G. Wickstrom. 2,111,539; Mar. 22.
- Protector for pistons and the like. S. M. Greenidge. 2,122,717; July 5.
- Protector for switchboard operators, fingernail. A. Hollingsworth. 2,129,496; Sept. 6.
- Protector for use in renovating shoes. E. Brickner. 2,114,045; Apr. 12.
- Protectors, Making garment. E. M. French. 2,125,495; Aug. 2.
- Protein cleavage products and their preparation, Higher molecular substituted. G. Wiegand. 2,119,872; June 7.
- Protein material, Preparing a. P. Rauer and P. Torrington, Jr. 2,132,434; Oct. 11.
- Protein mineral complex and making same. L. K. Riggs and F. H. Clickner. 2,123,203; July 12.
- Protein powder from whey, Recovery of a soluble. A. Leviton. 2,129,222; Sept. 6.
- Protein products, Degrading. C. Weizmann. 2,141,455; Dec. 27.
- Protein, protein compound, and method of preparation. C. Baldini. 2,116,377; May 3.
- Protractor. L. W. Wolfe. 2,113,524; Apr. 5.
- Provitanins, Activating. B. Kramer, S. Natelson, and A. E. Sobel. 2,112,242; Mar. 29.
- Pruning tool. J. H. Rich. 2,141,224; Dec. 27.
- Pseudo-extension of frequency bands. S. Bagno. 2,113,976; Apr. 12.
- Pseudo neon sign. J. H. Kloner. 2,106,031; Jan. 18.
- Psychrometer. P. G. Magner. 2,107,077; Feb. 1.
- Puffing, Making transparent. F. Tavin and H. Haas. 2,106,819; Feb. 1.
- Pulley construction. G. E. Hulse. 2,141,915; Dec. 27.
- Pull-out switch box. A. B. Rypinski. 2,111,250; Mar. 15.
- Pull-over, slip-over, and like garments. W. F. Martin. 2,140,406; Dec. 13.
- Pull rod support. J. E. Chambers. 2,107,234; Feb. 1.
- Puller: See—
- Bearing puller. Spike puller.
  - Candy puller. Tape puller.
  - Cap and dust cap puller. Tendon puller.
  - Drill puller. Tie puller.
  - Gear puller.
- Pulley. H. A. Andreas. 2,115,837; May 3.
- Pulley. J. W. Smith. 2,137,987; Nov. 22.
- Pulley. H. C. Watson. 2,120,383; June 14.
- Pulley clutch. A. E. McGowan. 2,118,734; May 24.
- Pulley, Expansion. B. H. Locke. 2,119,395; May 31.
- Pulley, Grooved. W. A. Bilger and D. M. Watson. 2,140,068; Dec. 13.
- Pulley, Metal. J. H. Lonskey. 2,139,622; Dec. 6.
- Pulley, Self-adjusting. F. W. Moore. 2,135,214; Nov. 1.
- Pulley, Variable-pitch. R. H. Bowen. 2,140,182; Dec. 13.
- Pulley, Variable speed. I. E. McElroy and R. H. Shadrick. 2,135,348; Nov. 1.



- Pulp, Apparatus for agitating and disintegrating. L. Justice and W. D. Macgregor. 2,139,274; Dec. 6.
- Pulp, Apparatus for chlorinating. C. K. Textor. 2,130,402; Sept. 20.
- Pulp, Apparatus for continuously beating paper. R. J. Serpas. 2,125,820; Aug. 2.
- Pulp, Bleaching. F. Casciani. 2,127,765; Aug. 23.
- Pulp board, Fire resistant. H. L. Becher. 2,108,761; Feb. 15.
- Pulp bodies, Apparatus for molding. W. H. Hatton. 2,105,593; Jan. 18.
- Pulp or paper webs, Bleaching. C. C. Heritage. 2,125,634; Aug. 2.
- Pulp process, Sulphate. D. J. Young. 2,115,835; May 3.
- Pulp, Producing puffed. J. E. Plumstead. Re. 20,752; June 7.
- Pulp screening machine. N. M. Knight. 2,122,475; July 5.
- Pulp stock agitating apparatus. J. A. Rosmait. 2,135,261; Nov. 1.
- Pulp stock, Apparatus for and method of agitating. J. A. Rosmait. 2,107,390; Feb. 8.
- Pulp web, Method of and apparatus for forming a. J. Fish and A. J. Barea. 2,116,168; May 3.
- Pulping and conveying system. F. D. Chapman. 2,137,388; Nov. 22.
- Pulpstone. T. Larsson. 2,141,608; Dec. 27.
- Pulsator for milking machines. F. G. Hodsdon. 2,129,765; Sept. 13.
- Pulsator, Milking machine. J. L. Hulbert. 2,138,921; Dec. 6.
- Pulse frequency and intensity meter. S. Strauss and L. Weisglass. 2,114,573; Apr. 19.
- Pulse in a cathode ray tube, Generating a. A. H. Brolly. 2,107,778; Feb. 8.
- Pulverized substances, Apparatus for fusing and spraying. F. Schori. 2,108,998; Feb. 22.
- Pulverizer. H. D. Anderson. 2,113,040; Apr. 5.
- Pulverizer. E. G. Bailey and R. M. Hardgrove. 2,126,081; Aug. 9.
- Pulverizer. C. T. Elderkin. 2,128,727; Aug. 30.
- Pulverizer, Rotary. M. Ariens. 2,129,298; Sept. 6.
- Pulverizing system. M. Frisch. 2,116,601; May 10.
- Pump: See—
- Accelerating pump. Molten metal pump.
- Air pump. Motor pump.
- Balanced pump. Oil pump.
- Centrifugal pump. Oil well pump.
- Centrifugal vacuum pump. Pressure pump.
- Compressed air operated pump. Rayon spinning pump.
- Compressor pump. Regenerative turbine pump.
- Concrete pump. Reversible fuel pump.
- Deep-well pump. Rodless pump.
- Diaphragm pump. Rotary pump.
- Displacement pump. Rotary vane pump.
- Electric fuel pump. Rotating bowl pump.
- Electronic vacuum pump. Sand pump.
- Fluid lift pump. Self-priming centrifugal pump.
- Fluid operated pump. Self-priming pump.
- Fluid pressure pump. Spray pump.
- Fluid pump. Steam jet pump.
- Fuel and air pump. Submerged centrifugal pump.
- Fuel injection pump. Suction pump.
- Fuel pump. Surgical pump.
- Gas lift pump. Therapeutic pump.
- Gas pump. Turbine pump.
- Gear pump. Vacuum diffusion pump.
- Heat pump. Vacuum pump.
- Hydraulic pump. Variable delivery pump.
- Injection fuel pump. Water pump.
- Inverted piston pump. Well pump.
- Kneading pump.
- Liquid pump.
- Pump. A. A. Aldridge. 2,125,041; July 26.
- Pump. H. Allen. 2,105,067; Jan. 11.
- Pump. A. Brunner. 2,130,521; Sept. 20.
- Pump. F. Burghauer. 2,111,883; Mar. 22.
- Pump. J. Calling. 2,124,185; July 19.
- Pump. A. G. Carpenter, Jr. 2,118,589; May 24.
- Pump. Walter and Wesley Czarnecki. 2,112,522; Mar. 29.
- Pump. O. M. Davis. 2,111,758; Mar. 22.
- Pump. W. T. Dunn. 2,129,828; Sept. 13.
- Pump. W. J. Hall. 2,140,956; Dec. 20.
- Pump. D. W. Hoferer. 2,137,403; Nov. 22.
- Pump. A. G. Horvath. 2,131,623; Sept. 27.
- Pump. C. J. Huber. 2,123,781; July 12.
- Pump. P. G. MacGregor. 2,116,684; May 10.
- Pump. F. J. Miller. 2,117,493; May 17.
- Pump. G. C. and D. E. Montgomery. 2,134,087; Oct. 25.
- Pump. F. W. Ofeldt. 2,131,749; Oct. 4.
- Pump. E. C. Overall. 2,122,823; July 5.
- Pump. D. J. Reiss. 2,132,084; Oct. 4.
- Pump. V. Santarelli and J. Giacobbe. 2,110,027; Mar. 1.
- Pump. J. M. Shimer. 2,133,048; Oct. 11.
- Pump. C. Steele and C. Emmanuel. 2,112,386; Mar. 20.
- Pump. A. J. Syrov. 2,129,886; Sept. 13.
- Pump. F. E. Twiss. 2,120,448; June 14.
- Pump. B. C. Williamson. 2,120,772; June 14.
- Pump and blower, Corrosion resisting. S. Ihara. 2,107,260; Feb. 1.
- Pump and compressor. J. A. Chamier and G. F. Jones. 2,117,652; May 17.
- Pump and method of balancing hydrostatic load, Variable displacement. E. K. Benedek. 2,126,722; Aug. 16.
- Pump and valve device, Reversibly associated rotary. P. C. Petersen. 2,131,968; Oct. 4.
- Pump apparatus, Vacuum. F. H. Anderson. 2,124,390; July 19.
- Pump attachment, Windmill. R. H. Price. 2,135,112; Nov. 1.
- Pump blade, Rotary. J. B. Brelsford and J. M. Roth. 2,124,539; July 26.
- Pump control, Fuel. J. M. Williams. 2,119,567; June 7.
- Pump, engine, and the like. L. G. Savage. 2,139,856; Dec. 13.
- Pump especially for artificial silk spinning machines, Gear. T. Vollenbroich. 2,113,147; Apr. 5.
- Pump for aircraft machinery. R. Saulnier. 2,134,237; Oct. 25.
- Pump for injection engines. R. Wisner. 2,110,314; Mar. 8.
- Pump for ink circulating systems. A. Behringer. 2,115,325; Apr. 26.
- Pump for internal combustion engines, Fuel. O. W. Schey and G. T. Hemmeter. 2,108,079; Feb. 15.
- Pump for internal combustion engines, Fuel-injecting. H. Dunkelmann. 2,130,339; Sept. 20.
- Pump for internal combustion engines, Injection. A. Meyer, M. Hurst, and F. W. Stockmeyer. 2,119,472; May 31.
- Pump for machine tool drives, Hydraulic. W. Ernst. 2,137,448; Nov. 22.
- Pump for motor vehicle, Fuel. E. C. Horton. 2,119,880; June 7.
- Pump for motor vehicles, Accessory air. C. H. Oshel. 2,105,259; Jan. 11.
- Pump for motor vehicles, Rotary tire. H. B. Russell. 2,119,180; May 31.
- Pump for reversible combustion engines, Fuel. H. Waltl. 2,126,068; Aug. 9.
- Pump for semifluids. W. B. Campbell. 2,125,283; Aug. 2.
- Pump for washing machines, Water. F. A. Parish. 2,112,573; Mar. 29.
- Pump gear for windmills. W. Utrecht. 2,130,780; Sept. 20.
- Pump head, Interchangeable turbine. T. G. Myers. 2,139,379; Dec. 6.
- Pump jack. J. E. Hall. 2,126,992; Aug. 16.
- Pump jack. A. J., J. C., and R. O. Drevlow, and J. H. Peterson. 2,109,721; Mar. 1.
- Pump jack, Straight lift. A. J. Travis. 2,136,478; Nov. 15.
- Pump lubricator. L. P. Fosnot. 2,130,583; Sept. 20.
- Pump or compressor. R. Stevens. 2,117,521; May 17.
- Pump or compressor, Rotary. C. E. Yates. 2,121,110; June 21.
- Pump or motor. W. Ernst. 2,130,298; Sept. 13.
- Pump or motor, W. Ferris. 2,105,454; Jan. 11.
- Pump or motor, Hydraulic. E. K. Benedek. 2,111,657; Mar. 22.
- Pump or motor, Hydraulic. E. K. Benedek. 2,111,659; Mar. 22.
- Pump or motor, Hydraulic positive drive. E. K. Benedek. 2,138,018; Nov. 29.
- Pump or motor, Rotary. H. A. Centervall. 2,141,170-1; Dec. 27.
- Pump or motor structure. C. E. Broman. 2,125,988; Aug. 9.
- Pump or motor, Variable delivery. E. K. Benedek. 2,111,658; Mar. 22.
- Pump or motor, Variable delivery. E. K. Benedek. 2,129,642; Sept. 13.
- Pump or motor, Variable displacement. E. K. Benedek. 2,137,936; Nov. 22.
- Pump packing means. J. H. Roberts. 2,129,069; Sept. 6.
- Pump rod hanger. A. R. Maier. 2,107,488; Feb. 8.
- Pump rod spacer and turner. C. E. Van Stone. 2,114,090; Apr. 12.
- Pump rods and the like, Apparatus for varying the stroke of. E. F. N. McGauchie. 2,123,374; July 12.
- Pump sealing means. W. F. Macdonald. 2,118,681; May 24.
- Pump structure. J. M. Evans. 2,105,999; Jan. 18.
- Pump, syringe, and like appliance for surgical and medical and other purposes. H. H. Schulz. 2,134,290; Oct. 25.
- Pump system for liquid fuel heating plants. L. E. Sallot. 2,132,130; Oct. 4.
- Pump unit. S. B. Larson. 2,133,708; Oct. 18.
- Pump unloader. B. S. Alkman. 2,115,546; Apr. 26.
- Pump valve. E. R. Casner. 2,116,968; May 10.
- Pump valve construction. D. W. Hoferer and E. T. Adams. 2,137,402; Nov. 22.
- Pumping apparatus. F. S. Barks. 2,122,020; June 28.
- Pumping apparatus. F. E. Gardner. 2,126,880; Aug. 16.
- Pumping apparatus. R. De La Mater. 2,134,326; Oct. 25.
- Pumping apparatus. W. H. De Lancey. 2,134,686; Nov. 1.
- Pumping apparatus. W. W. Paget. 2,127,527; Aug. 23.
- Pumping apparatus. G. E. Reagin. 2,131,299; Sept. 27.
- Pumping apparatus. L. C. Rotter. 2,136,636; Nov. 15.
- Pumping apparatus. W. H. Sloan. 2,121,931; June 28.
- Pumping apparatus. D. T. Williams. 2,130,546; Sept. 20.
- Pumping apparatus, Method and apparatus for counterbalancing oil well. W. E. Saxe. 2,132,871; July 6.



- Pumping assembly. C. G. Harbordt. 2,126,385; Aug. 9.  
Pumping device. G. T. Humphrey. 2,111,591; Mar. 22.  
Pumping device. W. Noble. 2,105,093; Jan. 11.  
Pumping jack, Hydraulic. L. Spencer. 2,139,101; Dec. 6.  
Pumping mechanism. J. M. Bartholomew. 2,134,693; Nov. 1.  
Pumping mechanism. E. C. Ekstromer. 2,123,183; July 12.  
Pumping mechanism. S. M. Hull. 2,112,463; Mar. 29.  
Pumping mechanism, Automatic. J. O. McMillan. 2,117,563; May 17.  
Pumping system. E. E. Vinson. 2,129,292; Sept. 6.  
Pumping system, Hydraulic-pneumatic. G. S. Bays. 2,141,703; Dec. 27.  
Pumping unit. G. B. Gordy, Jr. 2,117,716; May 17.  
Pumping unit, Straight lift. C. G. Hopkins. 2,130,184; Sept. 13.  
Pumping unit, Straight lift. A. N. Porter. 2,113,281; Apr. 5.  
Pumps for internal combustion engines, Regulation of fuel injection. J. Lichtenstein. 2,139,194; Dec. 6.  
Pumps, Operating mechanism for deep well. A. W. Burks. 2,124,026; July 19.  
Pumps, System of operating fluid-operated. C. J. Coberly. 2,119,737; June 7.  
Punch. M. L. Engler. 2,122,368; June 28.  
Punch. R. E. Page. 2,107,161; Feb. 1.  
Punch. C. D. Trussell. 2,114,259; Apr. 12.  
Punch and cap lifter, Combination can. W. H. Castner. 2,118,159; May 24.  
Punch and die. B. Schneider and O. Marquard. 2,111,156; Mar. 15.  
Punch and die unit, Hydraulic. R. B. Gorham. 2,112,153; Mar. 22.  
Punch and punch holder, Quick change. A. J. Boone. 2,128,116; Aug. 23.  
Punch and shearing machine. M. L. Grappe. 2,138,543; Nov. 29.  
Punch, Container. A. C. Acker. 2,122,830; July 5.  
Punch, Converting and translating. W. W. Lasker. 2,108,681; Feb. 15.  
Punch, Hand. R. H. Sharp. 2,120,682; June 14.  
Punch, Key. L. M. Keefe. 2,114,447; Apr. 19.  
Punch mechanism. P. H. Nast. 2,121,817; June 28.  
Punch press. O. E. Seiffert. 2,116,326; May 3.  
Punch, Record. R. B. Johnson. 2,126,640; Aug. 9.  
Punch retainer. F. Ziganeck. 2,137,557; Nov. 22.  
Punch, Statistical card. W. W. Lasker. 2,124,178; July 19.  
Punch, Typewriter. F. M. Carroll and J. H. Bakelaar. 2,131,914; Oct. 4.  
Punching apparatus, Quick-setting adjustable. U. F. Gochoel. 2,116,391; May 3.  
Punching implement. H. E. Waner. 2,114,753; Apr. 19.  
Punching machine and the like. P. C. Klingler and G. B. Scheffey. 2,112,850; Apr. 5.  
Punching machine, Automatic. C. D. Lake. 2,104,542; Jan. 4.  
Punching mechanism. J. D. Baker. 2,106,160; Jan. 25.  
Punching mechanism. P. H. Nast. 2,121,818; June 28.  
Purification process. A. S. Carter. 2,110,971; Mar. 15.  
Purse. J. Claviez. 2,124,287; July 19.  
Purse or the like. M. A. Spear and G. Skluth. 2,111,079; Mar. 15.  
Push button switch. C. H. Bissell. 2,113,756; Apr. 12.  
Push drill. T. J. Fegley and G. O. Leopold. 2,126,626; Aug. 9.  
Pushmobile, Ice. H. Nodland. 2,105,360; Jan. 11.  
Push-out apparatus for billets. J. H. Swift. 2,108,355; Feb. 15.  
Putlog. R. A. Uecker, I. G. Rambo, and D. E. Beatty. 2,126,844; Aug. 16.  
Puttee. R. A. Le Fevre. 2,104,751; Jan. 11.  
Puttee. R. A. Le Fevre. 2,130,804; Sept. 20.  
Putting, Apparatus for practicing. E. W. T. Trangmar. 2,110,925; Mar. 15.  
Putty retainer. S. L. Borgen. 2,108,192; Feb. 15.  
Puzzle. L. H. Boam. 2,124,341; July 19.  
Pyrazolanthrone series, Compounds of the. R. N. Lulek and E. E. Beard. 2,141,872; Dec. 27.  
Pyrazole-Anthrone and making same. H. Hauser and M. Bommer. 2,136,133; Nov. 8.  
Pyridine-carboxylic acids and the like, Preparation of. M. A. Dahlen and S. R. Detrick. 2,109,957; Mar. 1.  
Pyridine derivatives and manufacture of same, Halogenated. O. Schneider. 2,112,223; Mar. 22.  
Pyridine-derivatives, Manufacture of. E. Haack and R. F. von Buddenbrock. 2,124,505; July 19.  
Pyridine derivatives of barbituric acids. C. Raeth and R. Rosner. 2,134,672; Oct. 25.  
Pyridines and alkyl quinolines, Oxidation of alkyl. C. B. Boxwell and W. V. Wirth. 2,109,954; Mar. 1.  
Pyridine-anthrone derivatives and products thereof, Producing. H. Scheyer and E. Schwamberger. 2,124,238; July 19.  
Pyrognolol, Alkal substituted. F. E. Stockelbach. 2,117,415; Nov. 22.  
Pyroretic cone. H. E. Co Van and G. A. Bole. 2,129,912; Sept. 13.  
Pyrophoric lighting mechanism. L. V. Aronson. 2,134,497; Oct. 25.  
Pyrophosphate ester bleaching agent. K. Butz. 2,119,523; June 7.  
Pyrometer, Electrical. S. Ruben. 2,120,374; June 14.  
Pyroscope. M. Lasky and C. P. Wood. 2,113,450; Apr. 5.  
Pyrotechnic composition, Non-explosive. G. C. Hale. 2,131,041; Sept. 27.  
Pyrotechnic compositions. C. H. Pritham. 2,123,201; July 12.  
Pyrotechnic device. M. W. Fischer. 2,120,246; June 14.  
Quartz element, Piezoelectric. S. A. Bokoroy. 2,111,383-4; Mar. 15.  
Quartz mill. F. L. Minnick. 2,126,406; Aug. 9.  
Quartz or enamel mixtures, Spraying molten pulverized. E. F. Callan. 2,137,442; Nov. 22.  
Quartz piezoelectric element. H. W. N. Hawk. 2,119,848; June 7.  
Quenching machine. J. J. Davenport. 2,141,081; Dec. 20.  
Quick acting clamp. A. G. Gibbons. 2,126,767; Aug. 16.  
Quick closing and sealing valve. R. W. Collison. 2,106,723; Feb. 1.  
Quick coupling valve. W. V. Thompson. 2,134,382; Oct. 25.  
Quick release valve. W. E. Huffman and G. W. Replogle. 2,106,176; Jan. 25.  
Quick relining brake. T. D. Rader. 2,107,503; Feb. 8.  
Quill brush holder. M. Perr. 2,138,012; Nov. 29.  
Quilting apparatus. C. Milner. 2,119,341; May 31.  
Quilting frame. S. S. Russell. 2,116,451; May 3.  
Quinone and hydroquinone, Production of. H. Palfreman and N. V. S. Knibbs. 2,130,151; Sept. 13.  
Quinone di-imides, Making. W. L. Semon. 2,118,826-7; May 31.  
Quinone, Manufacture of. A. C. Carus. 2,136,966; Nov. 15.  
Quinone, Preparing. N. H. Vagenius and R. J. Kidd. 2,135,368; Nov. 1.  
Quotation board. W. E. Roland. 2,121,390; June 21.  
Race horse number. J. S. Butler. 2,114,135; Apr. 12.  
Race track indicator board, Electrically controlled. H. Williams. 2,132,912; Oct. 11.  
Raceway members on locomotive crankpins and the like, Apparatus for mounting. H. A. Bergert. 2,104,967; Jan. 11.  
Racing amusement mechanism. C. W. Musser. 2,113,278; Apr. 5.  
Rack: See—  
Assembly rack. Music rack.  
Bedspring display rack. Necktie rack.  
Book rack. Pipe and tubing rack.  
Bottle rack. Refrigerator car floor rack.  
Card rack. Roll rack.  
Cheese rack. Roller rack.  
Clothes rack. Seed display rack.  
Derrick pipe rack. Shirt rack.  
Display rack. Shoe-display rack.  
Film cradle and drying rack. Shoe rack.  
Film developing rack. Spice rack.  
Fire hose rack. Supporting and display rack.  
Floor rack. Supporting rack.  
Floral rack. Toast rack.  
Fur drying rack. Towel rack.  
Garment hanger rack. Utility rack.  
Greasing rack. Wardrobe rack.  
Ice rack. Wire rack.  
Ice tray rack.  
Rack. P. D. Archer. 2,129,396; Sept. 6.  
Rack. C. D. Carter. 2,136,179; Nov. 8.  
Rack. L. J. Devney. 2,135,565; Nov. 8.  
Rack. H. Gingell. 2,124,656; July 26.  
Rack. F. A. Wales. 2,108,978; Feb. 22.  
Rack and clasp for enlargers. W. H. Holder. 2,119,710; June 7.  
Rack and table, Combined keg. C. A. Lee. 2,128,831; Aug. 30.  
Rack clip. E. S. Copeland. 2,116,386; May 3.  
Rack, Display and dispensing. J. M. Scriba. 2,111,496; Mar. 15.  
Rack for automobiles, Luggage. E. T. Condon. 2,133,427; Oct. 18.  
Rack for meat blocks, Tool. C. Michelson. 2,122,069; June 28.  
Rack for neckties and the like. H. Frey. 2,138,914; Dec. 6.  
Rack for pianos, Auxiliary music. D. E. Fitchett. 2,128,293; Aug. 30.  
Rack for plating, Article supporting. A. Pearson. 2,129,868; Sept. 13.  
Rack for refrigerator cars, Floor. R. J. Olander. 2,106,853; Feb. 1.  
Rack for refrigerator cars, Floor. V. E. Sisson. 2,113,863; Apr. 12.  
Rack for refrigerator cars, Floor. V. E. Sisson. 2,133,723; Oct. 18.  
Rack for refrigerator cars, Floor. K. E. Zeidler. 2,139,056; Dec. 6.  
Rack for refrigerators. R. P. Considine. 2,125,000; July 26.  
Rack for spirituous liquors, Storage. H. Legler. 2,119,883; June 7.  
Rack for storing linens. M. S. Hardin and L. D. Sims. 2,108,333; Feb. 15.  
Rack stringer, Floor. V. E. Sisson. 2,139,043; Dec. 6.  
Racket. J. B. Dickson. 2,106,684; Apr. 5.  
Racket. F. W. Donisthorpe. 2,109,525; Mar. 1.  
Racket frame. T. A. Davis. 2,132,780; Oct. 11.



- Racket holder. F. F. Sprow. 2,135,226; Nov. 1.  
 Racket stringing apparatus. L. C. Doll. 2,114,216; Apr. 12.  
 Racket stringing device. A. L. Becket. 2,131,880; Oct. 4.  
 Racking mechanism for knitting machines. F. Eck. 2,133,688; Oct. 18.  
 Racking mechanism for use in dipping sheets and the like. F. Thomas. 2,141,887; Dec. 27.  
 Radial engine. J. J. O. Ruliancich. 2,105,846; Jan. 18.  
 Radial pump. W. Ernst. 2,130,299; Sept. 13.  
 Radiant energy. Amplification of. J. J. Daley. Re. 20,735; May 24.  
 Radiant energy guide channel. W. Moser. 2,112,301; Mar. 29.  
 Radiant energy receiver. W. M. Hall. 2,115,578; Apr. 26.  
 Radiant heat furnace. J. G. Alther. 2,112,224; Mar. 29.  
 Radiant heating tube. H. H. Harris. 2,115,769; May 3.  
 Radiation. Determination of quantitative characteristics of. F. Twyman and L. J. Spencer. 2,126,429; Aug. 9.  
 Radiation. Device for automatic interruption of. A. W. Vingerhoets. 2,122,222; June 28.  
 Radiation frequency converter. P. T. Farnsworth and D. K. Lippincott. 2,107,782; Feb. 8.  
 Radiation sensitive device. H. Kott. 2,141,655; Dec. 27.  
 Radiator. F. L. Foster. 2,106,091; Jan. 18.  
 Radiator. J. McElgin. 2,138,187; Nov. 29.  
 Radiator. G. C. Steffey. 2,112,792; Mar. 29.  
 Radiator air valve. E. W. Work. 2,125,662; Aug. 2.  
 Radiator apparatus and method. E. N. Wood. 2,129,254; Sept. 6.  
 Radiator cleaning composition. B. Galloworthy. 2,120,128; June 7.  
 Radiator cleaning composition. W. B. Hendrey. 2,104,385; Jan. 4.  
 Radiator construction. W. C. Klespe. 2,132,483; Oct. 11.  
 Radiator construction. J. H. Migue. 2,121,708; June 21.  
 Radiator core construction. N. L. Kearney. 2,139,367; Dec. 6.  
 Radiator core structure. T. N. Coffelder. 2,126,736; Aug. 16.  
 Radiator. Directive beam. H. Scharlau. 2,130,033; Sept. 13.  
 Radiator filler passage. E. H. Engelhardt. 2,128,696; Aug. 30.  
 Radiator fin structure. W. O. Emmons. 2,133,502; Oct. 18.  
 Radiator fitting. A. Wallerstein. 2,117,831; May 17.  
 Radiator for aeroplane engines. L. M. Lachasse. 2,124,787; July 26.  
 Radiator grille fastener. H. J. Murphy. 2,137,542; Nov. 22.  
 Radiator grille screen. J. W. Osten. 2,127,931; Aug. 23.  
 Radiator manufacture. J. Karmazin. 2,133,990; Oct. 25.  
 Radiator pressure cap. N. Walker. 2,139,395; Dec. 6.  
 Radiator protector. J. B. Griffin. 2,131,874; Oct. 4.  
 Radiator ribbon. Making a. S. Przyborowski. 2,137,348; Nov. 22.  
 Radiator screen. D. A. Erickson. 2,118,344; May 24.  
 Radiator sealing and pressure relief means. Automatic. A. F. Grigg and J. E. Zeller. 2,105,971; Jan. 18.  
 Radiator shell. W. L. Morrison. 2,128,957; Sept. 6.  
 Radiator siphon trap. E. N. Grogan. 2,104,367; Jan. 4.  
 Radiator. Stamped metal. A. P. Ball. 2,120,085; June 7.  
 Radiator steam valve. Floodless. J. B. Kohut. 2,109,269; Feb. 22.  
 Radiator. Wing. I. I. Sikorsky. 2,117,632; May 17.  
 Radio aerial for automobiles. T. J. Hoskins. 2,129,766; Sept. 13.  
 Radio amplifier. Ultrahigh frequency. F. W. Dunmore. 2,132,208; Oct. 4.  
 Radio and communication system. Automobile. A. N. Goldsmith. 2,138,598; Nov. 29.  
 Radio and similar high frequency receivers. Remotely controllable. N. M. Rust and J. D. Brallsford. 2,114,031; Apr. 12.  
 Radio antenna. H. A. MacFarlane. 2,136,305; Nov. 8.  
 Radio antenna. S. K. West. 2,136,532; Nov. 15.  
 Radio antenna apparatus. W. E. Newman. 2,113,740; Apr. 12.  
 Radio antenna apparatus. S. M. Wertheimer. 2,129,514; Sept. 6.  
 Radio apparatus. J. A. Elder. 2,129,756; Sept. 13.  
 Radio apparatus. E. G. Linder. 2,106,149; Jan. 18.  
 Radio apparatus. R. W. McDonald. 2,109,431; Feb. 22.  
 Radio apparatus. J. L. McWeeny. 2,109,674; Mar. 1.  
 Radio apparatus. A. W. Sear. 2,112,382; Mar. 20.  
 Radio apparatus and method. T. E. Brackstedt. 2,139,057; Dec. 6.  
 Radio apparatus. Automobile. W. Runge. 2,106,159; Jan. 25.  
 Radio beacon and blind landing system. H. Chireix. 2,116,667; May 10.  
 Radio beam and receiving device for blind landing of aircraft. F. W. Dunmore. 2,127,954; Aug. 23.  
 Radio broadcast and wave selector. Automatic electrical. A. W. Plensler. 2,114,068; Apr. 12.  
 Radio cabinet. W. O. Brown. 2,108,846; Feb. 22.  
 Radio carrying attachment for bicycles and motorcycles. W. S. Harley. 2,109,315; Feb. 22.  
 Radio circuit. I. A. Mitchell. 2,130,704; Nov. 15.  
 Radio circuit. P. W. Redway. 2,110,111; Dec. 13.  
 Radio circuit for channel reception. R. H. Worrall. 2,123,221; July 12.  
 Radio communicating system. E. J. Sterba. 2,119,607; June 7.  
 Radio communication system. E. Bruce. 2,133,806; Oct. 18.  
 Radio communication system. F. G. Kear, G. L. Davies, and W. H. Orton. 2,122,145; June 28.  
 Radio communication system, Two-way. F. M. G. Murphy. 2,113,765; Apr. 12.  
 Radio compass system. G. M. Hafner. 2,138,966; Dec. 6.  
 Radio control. Automatic. E. Brugger. 2,106,715; Feb. 1.  
 Radio control device. C. J. Sloan. 2,140,655; Dec. 20.  
 Radio control device. R. F. Volz, A. Horowitz, and A. J. W. De Groot. 2,122,306; June 28.  
 Radio control. Remote. E. F. Bacon. 2,128,280; Aug. 30.  
 Radio direction finder. E. D. Blodgett. 2,110,852; Mar. 15.  
 Radio direction finder. G. L. Davies and W. H. Orton. 2,139,058; Dec. 6.  
 Radio direction finder. C. S. Franklin. 2,104,075; Jan. 4.  
 Radio direction finder. Visual indicating. H. N. Coulter and G. R. Fisher. 2,124,544; July 26.  
 Radio direction finding system. J. P. Jeffcock. 2,137,912; Nov. 22.  
 Radio direction system. G. A. Mathieu. 2,108,867; Feb. 22.  
 Radio directional indicator. J. B. Kleinkauf and D. K. Martin. 2,107,155; Feb. 1.  
 Radio disturbances. Elimination of atmospheric. S. M. Whisk. 2,139,533; Dec. 6.  
 Radio frequency coil. Variable inductance. A. Agricola. 2,107,172; Feb. 1.  
 Radio frequency current measuring device. J. D. Wallace. 2,127,545; Aug. 23.  
 Radio frequency generator. Constant. J. Evans. 2,104,916; Jan. 11.  
 Radio frequency relay. N. E. Lindenblad. 2,136,448; Nov. 15.  
 Radio guidance of aircraft. H. Diamond and F. W. Dunmore. 2,120,241; June 14.  
 Radio interference eliminator for electrical appliances. H. L. Collins. 2,114,102; Apr. 12.  
 Radio mounting device. H. Kippenberg and P. Künzer. 2,107,037; Feb. 1.  
 Radio or like receiver. A. W. Edwards. 2,134,913; Nov. 1.  
 Radio paging system. P. Ware. 2,138,894; Dec. 6.  
 Radio-phonograph system. Combination. M. E. Karns. 2,111,592; Mar. 22.  
 Radio-phonograph time control method and means. Combined. R. B. Whitman and E. H. Haan. 2,115,756; May 3.  
 Radio receiver. E. F. Andrews. 2,127,488; Aug. 16.  
 Radio receiver. L. E. Barton. 2,112,686; Mar. 29.  
 Radio receiver. W. L. Carlson. 2,133,808; Oct. 18.  
 Radio receiver. A. G. Clavier. 2,141,292; Dec. 27.  
 Radio receiver. P. O. Farnham. 2,111,763; Mar. 22.  
 Radio receiver. A. P. Hultgren. 2,139,082; Dec. 6.  
 Radio receiver. A. A. Linsell. 2,105,789; Jan. 18.  
 Radio receiver. F. W. Lyle. 2,140,368; Dec. 13.  
 Radio receiver. N. M. Rust. 2,124,212; July 19.  
 Radio receiver. A. J. Snow. 2,108,729; Feb. 15.  
 Radio receiver. C. J. van Loon and J. A. J. Bouman. 2,114,025; Apr. 12.  
 Radio receiver and phonograph. Combination. J. van Slooten. 2,111,711; Mar. 22.  
 Radio receiver apparatus. L. E. Barton. 2,111,381; Mar. 15.  
 Radio receiver. Automatic intercept two-channel. C. R. Tufts. 2,108,088; Feb. 15.  
 Radio receiver control. P. Peeck, B. Johannesson and E. Marcard. 2,128,561; Aug. 30.  
 Radio receiver dial apparatus. R. C. Marholz. 2,121,762; June 21.  
 Radio receiver. Diversity. C. B. H. Feldman and F. A. Polkinghorn. 2,130,485; Sept. 20.  
 Radio receiver. High fidelity. P. P. G. Holst and L. R. Kirkwood. 2,141,391; Dec. 27.  
 Radio receivers. Method and apparatus for controlling. K. W. Jarvis. 2,115,813; May 3.  
 Radio receivers. Tuning and indicating apparatus for. L. J. Wronke. 2,121,767; June 21.  
 Radio receiving apparatus. T. Sorenson. 2,117,043; May 10.  
 Radio receiving apparatus. L. E. Thompson. 2,110,584; Mar. 8.  
 Radio receiving arrangement. H. Johannson. 2,105,534; Jan. 18.  
 Radio receiving set. D. H. Mitchell. 2,130,243; Sept. 13.  
 Radio receiving set. J. E. Petersen. 2,135,144; Nov. 1.  
 Radio receiving set. J. L. Swallow. 2,137,035; Nov. 15.  
 Radio receiving set. Automatic remote control. S. J. Levy. 2,122,012; July 5.  
 Radio receiving set for alternating current supply. J. W. Alexander. 2,114,010; Apr. 12.  
 Radio receiving structure. A. E. Tauscher. 2,123,027; July 5.  
 Radio receiving system. E. H. Armstrong. 2,110,501-2; May 10.



- Radio receiving system. P. O. Farnham. 2,128,993; Sept. 6.
- Radio receiving system. S. Hunt. 2,140,108; Dec. 13.
- Radio receiving system. T. A. Marshall. 2,127,525; Aug. 23.
- Radio receiving system. J. D. Reid. 2,116,713; May 10.
- Radio receiving system. G. Rezos. 2,137,349; Nov. 22.
- Radio receiving system. K. Schlesinger. 2,107,393-4-5; Feb. 8.
- Radio receiving system. C. J. van Loon. 2,141,730; Dec. 27.
- Radio receiving system. G. M. Wright. 2,108,878; Feb. 22.
- Radio receiving system for automobiles. P. L. Rittenhouse. 2,133,151; Oct. 11.
- Radio receiving system for microwaves. R. A. Braden. 2,112,822; Apr. 5.
- Radio receiving system, Multichannel. P. F. G. Holst and L. R. Kirkwood. 2,127,816; Aug. 23.
- Radio repeater, High frequency. A. Alford. 2,134,278; Oct. 25.
- Radio shielding for electrical distributing systems. J. J. Mascuch. 2,105,790; Jan. 18.
- Radio shielding for spark plugs. J. J. Mascuch. 2,113,735; Apr. 12.
- Radio shielding means. R. T. Hurley. 2,134,946; Nov. 1.
- Radio shielding of engine ignition. R. H. Stone. 2,123,162; July 5.
- Radio signal rectifying and amplifying system. G. L. Beers. 2,113,127; Apr. 5.
- Radio signaling system. E. H. Armstrong. 2,104,011; Jan. 4.
- Radio signaling system, Multiplex. E. H. Armstrong. 2,104,012; Jan. 4.
- Radio static eliminator. R. C. Ellis and S. W. Archer. 2,108,530; Feb. 15.
- Radio static eliminator. L. R. Grandy and H. C. Doane. 2,104,800; Jan. 11.
- Radio station selector, Automatic. E. Brugger. 2,106,714; Feb. 1.
- Radio system. C. W. Earp. 2,140,130; Dec. 13.
- Radio system. C. J. Young. 2,113,419; Apr. 5.
- Radio system for automatic control of aircraft as during landing. F. W. Dunmore. 2,133,285; Oct. 18.
- Radio system for azimuth indication. F. W. Dunmore. 2,128,923; Sept. 6.
- Radio system for short and broadcast waves, centralized. J. Weinberger. 2,129,075; Sept. 6.
- Radio system of fog landing for airplanes. F. S. Mabry. 2,108,562; Feb. 15.
- Radio system, Ultrahigh frequency. V. K. Zworykin. 2,125,977; Aug. 9.
- Radio telegraph receiving system. P. D. Lowell. 2,131,109; Sept. 27.
- Radio transmitter for direction finding devices. G. H. Brown and D. G. C. Luck. 2,112,824; Apr. 5.
- Radio transmitting and receiving system. H. Diamond. 2,121,024; June 21.
- Radio transmitting system. E. H. Armstrong. 2,130,172; Sept. 13.
- Radio tube and the like. M. R. Schulte. 2,115,691; Apr. 26.
- Radio tube base and socket. W. Makenny. 2,113,328; Apr. 5.
- Radio tuning apparatus. A. A. Thomas. 2,134,381; Oct. 25.
- Radio tuning control. A. E. Hedger. 2,108,335; Feb. 15.
- Radio tuning device. N. Nelson. 2,108,607; Feb. 15.
- Radio tuning device. W. J. Schnell. 2,138,328; Nov. 29.
- Radio tuning indication. A. W. Barber. 2,136,665; Nov. 15.
- Radio tuning indicator. W. J. Schnell. 2,122,328-9; June 28.
- Radio tuning indicator. D. V. Sinniger. 2,125,468; Aug. 2.
- Radio tuning indicator device. R. Riette. 2,120,813; June 14.
- Radiographic substance. A. P. Sachs. 2,135,474; Nov. 1.
- Radiographic tube, Shockproof. M. J. Gross and Z. J. Atlee. 2,141,860; Dec. 27.
- Radiographs, Apparatus for making. G. Grossmann. 2,110,954; Mar. 15.
- Radiographs more particularly of body sections, Method of and apparatus for making. G. Grossmann. 2,110,953; Mar. 15.
- Radiographs of body layers, Method of and apparatus for making. H. Chaoul. 2,133,738; Oct. 18.
- Radius bar. E. A. Walcher and W. H. Baselt. 2,116,809; May 10.
- Radius turning apparatus. G. A. Bells. 2,124,902; July 26.
- Raft, Child's play. G. A. Grant and W. F. Le Moine. 2,124,062; July 19.
- Raft pack Parachute life. D. W. Harrigan. 2,114,301; Apr. 19.
- Rail anchor and tie plate. H. A. Cook. 2,117,150; May 10.
- Rail and forming the same, Robe. F. A. Best. 2,132,927; Oct. 11.
- Rail and highway vehicle, Convertible. W. J. Tomkins. 2,140,121; Dec. 13.
- Rail and seat attachment for bathtubs, Grab. G. B. Bentz. 2,131,214; Sept. 27.
- Rail and shoe, Box sheltered third. C. V. Richey. 2,129,706; Sept. 13.
- Rail and wheel flange lubricator. H. G. Warr. 2,104,176; Jan. 4.
- Rail bender. M. Allen. 2,128,225; Aug. 30.
- Rail bond. E. M. Deems. 2,129,493; Sept. 6.
- Rail bond. J. Statz. 2,121,769; June 21.
- Rail bond and securing same to rails. N. G. Carlson. 2,109,791; Mar. 1.
- Rail bonds, Installation of. H. H. Febrey. 2,135,888; Nov. 8.
- Rail brake. C. W. Smith. 2,115,542; Apr. 28.
- Rail car. H. C. Lord. 2,141,956; Dec. 27.
- Rail chair. S. S. Widdas. 2,140,683; Dec. 20.
- Rail chair or base plate. R. W. MacBride. 2,127,447; Aug. 16.
- Rail, Chassis side. E. Almdale. 2,136,122; Nov. 8.
- Rail clamp. D. T. Alexander. 2,141,076; Dec. 20.
- Rail contactor, Track. P. H. Crago. 2,110,591; Mar. 8.
- Rail contactor, Track. J. W. Livingston. 2,108,497; Feb. 15.
- Rail cross-over. F. E. Fey. 2,124,247; July 19.
- Rail ends, Apparatus for reforming. C. A. Miller. 2,135,107; Nov. 1.
- Rail expansion joint. H. H. Gilbert. 2,106,705; Feb. 1.
- Rail fastening. C. M. Goodrich. 2,134,082; Oct. 25.
- Rail fastening. R. T. Scholes. 2,127,430; Aug. 16.
- Rail fastening construction. H. M. Hadley. 2,128,530; Aug. 30.
- Rail fastening device and guard. J. Peppin. 2,110,818; Mar. 8.
- Rail fastening device, Track. A. H. Whisler. 2,135,954; Nov. 8.
- Rail flaw detecting apparatus, Track. W. H. Grindall and A. E. F. Billstein. 2,106,694; Jan. 25.
- Rail flaw detector mechanism. H. C. Drake. 2,133,687; Oct. 18.
- Rail flaw detector mechanism. H. C. Drake and J. H. Bigelow. 2,113,785; Apr. 12.
- Rail flaw detector mechanism. G. L. Jones, H. C. Drake, and H. Schumacher. 2,108,559; Feb. 15.
- Rail flaw detector mechanism. W. M. Perry. 2,135,050; Nov. 1.
- Rail inspection apparatus. J. L. Stratton. 2,114,889; Apr. 19.
- Rail joint. J. T. Baldwin. 2,136,961; Nov. 15.
- Rail joint. P. Forcella. 2,104,157; Jan. 4.
- Rail joint. P. Forcella. 2,128,770; Aug. 30.
- Rail joint. G. Langford. 2,134,449; Oct. 25.
- Rail joint. P. Pelletier and P. Vaillancourt. 2,104,165; Jan. 4.
- Rail joint. L. C. Wilkoff and S. H. Smith. 2,110,102; Mar. 1.
- Rail joint and making the same. H. R. Lee. 2,120,428; June 14.
- Rail joint bars, Reforming. G. Langford. 2,134,450; Oct. 25.
- Rail lubricator. T. A. S. Munford. 2,116,249; May 3.
- Rail plate, Spikeless. J. G. Briggs. 2,139,720; Dec. 13.
- Rail, Prayer. W. F. Liska. 2,117,430; May 17.
- Railroad crossing gate. H. R. Gilmore. 2,126,548; Aug. 9.
- Rail supporting and retaining means. J. G. Delfox. 2,130,074; Sept. 13.
- Rail supporting and securing means. L. B. Armstrong. 2,133,912; Oct. 18.
- Rail sweep for railway cars. J. Midgley. 2,114,721; Apr. 19.
- Rail, Third. A. R. Tegge. 2,136,766; Nov. 15.
- Railway car. D. A. Crawford, A. E. McKinnon, and C. H. Apel. 2,134,032; Oct. 25.
- Railway car. B. F. Fitch. 2,126,764; Aug. 16.
- Railway car. W. E. Wine. 2,104,359; Jan. 4.
- Railway car wheel. D. C. Dobbins. 2,139,070; Dec. 6.
- Railway container. F. Ditchfield. 2,126,949; Aug. 16.
- Railway control system. E. L. Harder, L. J. Hibbard, and W. R. Taliaferro. 2,106,844; Feb. 1.
- Railway crossing. J. H. Asselin. 2,132,008; Oct. 4.
- Railway crossing. C. Clare. 2,137,566; Nov. 22.
- Railway mail car. S. E. Wiley. 2,107,099; Feb. 1.
- Railway rail joint. P. P. H. G. Scheffers. 2,110,531; Mar. 8.
- Railway switch. J. Knight. 2,124,804; July 26.
- Railway track circuit. O. S. Field. 2,135,498-9; Nov. 8.
- Railway vehicle. W. E. Woodard. 2,116,295; May 3.
- Railway vehicle, Convertible. C. Harwood, Jr. 2,141,864; Dec. 27.
- Railway vehicle, Electric motor driven. R. T. Sawyer. 2,111,130; Mar. 15.
- Rail wearing surface. G. C. McCormick. 2,105,838; Jan. 18.
- Railing and the like. G. H. Gascoigne and J. R. Knox. 2,117,798; May 17.
- Rails, Apparatus for heat treating. P. Hunter, Jr. 2,129,552; Sept. 6.
- Rails, Connecting means for. A. Lodetti. 2,137,918; Nov. 22.
- Rails, Cooling. J. Brunner. 2,129,670; Sept. 13.
- Rails, Manufacture of railway and tramway. I. C. Mackie. 2,127,303; Aug. 16.
- Rails, Method and apparatus for forming automobile side. E. Riemensneider. 2,127,618; Aug. 23.
- Railway ballasting machine. R. E. Madison. 2,107,639; Feb. 8.



- Rain deflector. C. W. Mabey. 2,134,054; Oct. 25.  
 Rain gauge, Float type. R. R. Chappell and R. B. Colt. 2,118,459; May 24.  
 Rake. A. J. Bailie. 2,137,795; Nov. 22.  
 Rake. K. O. Hörnstein. 2,119,165; May 31.  
 Rake. A. Montan and C. E. Anderson. 2,105,548; Jan. 18.  
 Rake. G. O. Sundqvist. 2,130,828; Sept. 20.  
 Rake and stacker, Combination bull. A. M. Downey. 2,136,417; Nov. 15.  
 Rake and stacker, Combined sweep. A. B. Espeland. 2,114,706; Apr. 19.  
 Rake attachment. V. Lines. 2,114,394; Apr. 19.  
 Rake, Bamboo. W. P. Sage. 2,122,359; June 28.  
 Rake, Driveway. R. E. Peak. 2,137,982; Nov. 22.  
 Rake, Golf. W. J. Walsh. 2,110,538; Mar. 8.  
 Rake, Hay. A. J. Synck. 2,134,269; Oct. 25.  
 Rake, Lawn. I. Tsuchiya. 2,116,291; May 3.  
 Rake, Pick-up. C. O. Hembree. 2,136,849; Nov. 15.  
 Rake, Self-cleaning. D. L. Beall. 2,126,719; Aug. 16.  
 Rake, Sweep. O. A. Clark. 2,127,441; Aug. 16.  
 Rake, Sweep. T. H. Shelton. 2,130,292; Sept. 13.  
 Rake tooth cleaner. H. M. Goheen. 2,126,105; Aug. 9.  
 Rake, Tractor sweep. H. E. Hall. 2,127,405; Aug. 16.  
 Raker gauge. C. R. Edwards. 2,123,565; July 12.  
 Raking apparatus. W. F. Potts. 2,126,573; Aug. 9.  
 Raking device for furnace grates. E. Ludi and J. Burger. 2,110,804; Mar. 8.  
 Ram nose for cold riveting fixtures, Adjustable. E. Almdale. 2,105,391; Jan. 11.  
 Ram, Packing. W. Ernst. 2,136,239; Nov. 8.  
 Ram, Power. K. Haage. 2,128,584; Aug. 30.  
 Range. J. W. Barker. 2,121,473; June 21.  
 Range. H. T. Healy. 2,137,003; Nov. 15.  
 Range. F. H. Schneider. 2,139,643; Dec. 6.  
 Range. A. L. Smith, H. M. Parsons, and R. Quessy. 2,133,639; Oct. 18.  
 Range. A. Stockstrom and G. P. Eichelsbach, Jr. 2,141,831; Dec. 27.  
 Range and control system therefor, Electric. W. Bauer. 2,107,173; Feb. 1.  
 Range boiler. W. R. Robinson. 2,127,269; Aug. 16.  
 Range, broiler, toaster, and oven, Combination. I. Ročić. 2,134,376; Oct. 25.  
 Range, Combination. J. E. Leonard. Re. 20,875; Oct. 4.  
 Range, Combination coal-wood electric. H. T. Burrow. 2,133,184; Oct. 11.  
 Range, Combination heating and cooking. J. E. Leonard. 2,140,110; Dec. 13.  
 Range, Combination solid and gaseous fuel cooking. A. H. Brodbeck. 2,141,808; Dec. 27.  
 Range, Cooking. J. W. Barker. 2,111,604; Mar. 22.  
 Range, Cooking. R. N. Hanson. 2,126,109; Aug. 9.  
 Range, Dual or combination. F. H. Schneider and D. Saponara. 2,140,681; Dec. 20.  
 Range, Electric hot water. O. A. Knopp. 2,104,045; Jan. 4.  
 Range finder. F. W. Kehrke. 2,123,465; July 12.  
 Rangefinder and like optical measuring instrument. J. W. French. 2,115,626; Apr. 26.  
 Range finder and view finder, Combined. L. Leitz. 2,127,925; Aug. 23.  
 Range finder for cameras. J. Mihalyi. 2,113,307; Apr. 5.  
 Range, Gas. E. S. Burch and F. J. Freeland. 2,118,155; May 24.  
 Range, Gas. J. E. Chambers. 2,134,029; Oct. 25.  
 Range, Gas. J. B. Friedman. 2,116,885; May 10.  
 Range, Gas. J. R. Haley. 2,115,068; Apr. 26.  
 Range, Gas. S. H. Hobson. 2,116,149; May 3.  
 Range, Gas. J. G. Hoff. 2,105,596; Jan. 18.  
 Range, Gas. A. Stockstrom. 2,117,227; May 10.  
 Range or stove, Cooking. G. A. Ure. 2,123,668; July 12.  
 Range, Wall. W. S. Davis. 2,109,006; Feb. 22.  
 Rapid measuring or spacing gauge. L. F. Ross. 2,112,789; Mar. 29.  
 Ratchet clutch mechanism. H. N. Bliss and E. Wild. 2,133,777; Oct. 18.  
 Ratchet mechanism. B. E. Folke and W. E. Wollheim. 2,107,662; Feb. 8.  
 Ratchet mechanism. F. B. Seeberger. 2,138,045; Nov. 29.  
 Ratchet wrench. F. A. Haist. 2,107,568; Feb. 8.  
 Ratchet wrench. F. P. Ward. 2,138,331; Nov. 29.  
 Rate of climb indicator. G. V. Rylsky. 2,127,833; Aug. 23.  
 Rate of climb instrument. A. Urfer. 2,127,836; Aug. 23.  
 Rayon and the bath used, Spinning. I. P. Davis. 2,114,915; Apr. 19.  
 Rayon and the like, Manufacture of. O. Oppenlaender. 2,107,451; Feb. 8.  
 Rayon, Apparatus for manufacturing. W. Wuppermann. 2,138,394; Nov. 29.  
 Rayon, Apparatus for manufacturing luster-free. Y. Asakawa. 2,108,361; Feb. 15.  
 Rayon cakes, Method and apparatus for treating. E. C. Dunham. 2,130,791; Sept. 20.  
 Rayon cone container. R. L. Barlow. 2,110,480; Mar. 8.  
 Rayon, Delustered. J. W. Humphrey and J. W. Pedlow. 2,111,449; Mar. 15.  
 Rayon spinning pump. I. Meurling. 2,136,142; Nov. 8.  
 Rayon structure. H. H. Parker. 2,132,492; Oct. 11.  
 Rayon treatment. W. H. Nicol. 2,129,623; Sept. 6.  
 Razor. R. B. Bryant. 2,127,717; Aug. 23.  
 Razor. W. T. Parkin. 2,116,280; May 3.  
 Razor. O. V. Rodrigues. 2,138,353; Nov. 29.  
 Razor. H. R. Segal. 2,119,248; May 31.  
 Razor, Adjustable head safety. G. L. Robertson. 2,125,811; Aug. 2.  
 Razor and blade, Safety. Y. H. Kurkjian. 2,141,755; Dec. 27.  
 Razor and blade therefor, Safety. F. S. Minassian. 2,120,940; June 14.  
 Razor blade. G. Cahill. 2,133,018; Oct. 11.  
 Razor blade. W. H. Huenergardt. 2,141,474; Dec. 27.  
 Razor blade sharpening method and means. C. Elliot. 2,138,520; Nov. 29.  
 Razor and hair cutter, Combined safety. J. Ritter. 2,127,369; Aug. 16.  
 Razor, Automatically adjusting. C. L. Buell. 2,126,728; Aug. 16.  
 Razor blade and holder. J. Holtzman. 2,125,501; Aug. 2.  
 Razor blade and steel therefor. E. J. Casselman. 2,105,583; Jan. 18.  
 Razor blade holder. P. Dietrich. 2,119,045; May 31.  
 Razor blade holder. A. B. Dreyer. 2,115,945; May 3.  
 Razor blade, Safety. H. Corsico-Piccolini and D. Aller. 2,123,768; July 12.  
 Razor blade, Safety. J. Holtzman. 2,125,502; Aug. 2.  
 Razor blade support. G. Monnet. 2,128,258; Aug. 30.  
 Razor blades, Device for sharpening safety. G. Barsch. 2,119,264; May 31.  
 Razor blades, Device for the sharpening of. J. Medellin. 2,121,438; June 21.  
 Razor construction. H. Harrer. 2,132,293; Oct. 4.  
 Razor, Double edged safety. W. Osberghaus. 2,129,022; Sept. 6.  
 Razor edge stropping device. H. F. Schroeder. 2,123,383; July 12.  
 Razor, Electric. E. G. Bader. 2,116,229; May 3.  
 Razor, Electric. A. C. Leigh. 2,133,665; Oct. 18.  
 Razor, Eyebrow. C. F. Sampson. 2,127,010; Aug. 16.  
 Razor, Miniature safety. V. Heinrich. 2,139,680; Dec. 13.  
 Razor, Safety. M. Aghito. 2,107,358; Feb. 8.  
 Razor, Safety. J. W. Anderson. 2,121,000; June 21.  
 Razor, Safety. H. H. Bates and W. O. Bates, Jr. 2,106,587; Jan. 25.  
 Razor, Safety. P. Bauerle. 2,141,339; Dec. 27.  
 Razor, Safety. V. A. Bertry. 2,137,327; Nov. 22.  
 Razor, Safety. W. H. Black. 2,117,136; May 10.  
 Razor, Safety. W. W. Chandler. 2,131,498; Sept. 27.  
 Razor, Safety. W. J. Davies. 2,116,190; May 3.  
 Razor, Safety. J. E. Drew. 2,118,498; May 24.  
 Razor, Safety. H. Elliott. 2,120,399; June 14.  
 Razor, Safety. A. Galbraith. 2,114,679; Apr. 19.  
 Razor, Safety. L. P. Green. 2,128,772; Aug. 30.  
 Razor, Safety. G. Greenstein. 2,105,351; Jan. 11.  
 Razor, Safety. W. H. Hall. 2,121,228; June 21.  
 Razor, Safety. J. H. Hotson. 2,141,088; Dec. 20.  
 Razor, Safety. P. and J. H. Hotson. 2,138,063; Nov. 29.  
 Razor, Safety. W. H. Huenergardt. 2,124,402; July 19.  
 Razor, Safety. W. H. Huenergardt. 2,125,503; Aug. 2.  
 Razor, Safety. J. G. Lawrence. 2,111,217; Mar. 15.  
 Razor, Safety. L. Morris. 2,127,881; Aug. 23.  
 Razor, Safety. J. F. O'Malley. 2,117,850; May 17.  
 Razor, Safety. S. Rothschild and W. F. Steinmetz. 2,113,772; Apr. 12.  
 Razor, Safety. H. H. Rud. 2,133,576; Oct. 18.  
 Razor, Safety. W. O. Runcie. 2,119,405; May 31.  
 Razor, Safety. T. L. Smith and N. Testi. 2,109,554; Mar. 1.  
 Razor, Safety. W. F. Steinmetz and S. Rothschild. 2,115,792; May 3.  
 Razor, Safety. R. E. Thompson. C. J. Emerson, and B. G. Jansson. 2,108,758; Feb. 15.  
 Razor, Safety. T. C. Tripple. 2,125,135; July 26.  
 Razor, Safety. E. Wilson. Re. 20,741; May 24.  
 Razor, Self-sharpening safety. C. A. Muller. 2,112,042; Mar. 22.  
 Razor strop holder. A. B. Wilson. 2,111,465; Mar. 15.  
 Razor, Stropping. H. J. Jones. 2,105,535; Jan. 18.  
 Razor stropping mechanism. D. G. McPeak. 2,129,378; Sept. 6.  
 Razor with adjustable handle. W. T. Parkin. 2,119,792; June 7.  
 Razors, Attachment for electric. L. Hamel. 2,132,898; Oct. 11.  
 Reactance independent of temperature. G. Hagen. 2,121,148; June 21.  
 Reaction between liquids and for separating the reacted products, Apparatus for causing. G. J. Strozynski and W. Kronasser. 2,131,905; Oct. 4.  
 Reaction between organic salts or soaps and other materials. L. Reon and W. Gotham. 2,113,496; Apr. 5.  
 Reaction product and process. H. A. Bruson and L. W. Covert. 2,106,452; Jan. 25.  
 Reaction products of a primary alcohol and a tertiary alkyl amine sulphuric acid salt. H. A. Bruson and O. Stein. 2,127,103; Aug. 16.  
 Reaction products of sulphur dioxide and olefines. C. S. Marvel and D. S. Frederick. 2,136,389; Nov. 15.  
 Reactive forces, Developing. C. E. and J. E. Vance. 2,136,403; Nov. 15.  
 Reactivity of naturally or artificially shaped articles or materials and product obtained thereby, Increasing the. P. Schlack. 2,131,145; Sept. 27.



- Reactor. J. G. Sola. 2,127,237; Aug. 16.  
 Reading attachment for microscopes. R. H. Draeger. 2,123,882; July 19.  
 Reading device for well survey records. A. Anderson. 2,129,395; Sept. 6.  
 Reading machine. R. H. Draeger. 2,113,578; Apr. 12.  
 Reading machine. G. Tauschek. 2,115,563; Apr. 26.  
 Reading machine indexing mechanism. R. H. Draeger. 2,115,014; Apr. 26.  
 Reagent feeder. J. S. Watts. 2,128,721; Aug. 30.  
 Reagent mixer. D. M. Wright. 2,128,447; Aug. 30.  
 Reagents, Utilization of spent. E. T. Pummill. 2,114,354; Apr. 19.  
 Reamer. R. W. Andreasson. 2,127,457; Aug. 16.  
 Reamer. D. S. Anthony. 2,138,897; Dec. 6.  
 Reamer. J. H. Howard and A. C. Catland. 2,122,863; July 5.  
 Reamer. J. Sunnen. 2,117,525; May 17.  
 Reamer, Abrading. J. Disco. 2,135,884; Nov. 8.  
 Reamer cutter. C. E. Reed. 2,126,037; Aug. 9.  
 Reamer cutter mounting. J. H. Howard and A. C. Catland. 2,128,416; Aug. 30.  
 Reamer cutter mounting. J. H. Howard and P. C. Efronson. 2,138,007; Nov. 29.  
 Reamer, Cylinder ridge. H. A. Berkman. 2,136,359; Nov. 8.  
 Reamer, Liquid barrel bung and cork. H. Martin. 2,139,554; Dec. 6.  
 Reamer, Pipe bowl. E. W. Roberts, Jr. 2,136,565; Nov. 15.  
 Reamer, Self-expanding and cleaning earth. E. H. Zumberge. 2,139,323; Dec. 6.  
 Reaming and cleaning tool. W. V. Dorsaneo. 2,112,273; Mar. 29.  
 Rear control. D. L. Potter. 2,136,754; Nov. 15.  
 Receiver. M. G. Crosby. 2,115,360; Apr. 26.  
 Receiver. M. G. Crosby. 2,134,033; Oct. 25.  
 Receiver. J. M. Unk. 2,108,458; Feb. 15.  
 Receiver. G. L. Usselman. 2,113,260; Apr. 5.  
 Receiver control system. J. C. Walter. 2,117,638; May 17.  
 Receiver for wave signals. J. Robinson. 2,138,747; Nov. 29.  
 Receiver for wave signals, Selective. J. Robinson. 2,138,042; Nov. 29.  
 Receiver, Frequency or phase modulation. M. G. Crosby. 2,138,341; Nov. 29.  
 Receiver, Multirange. A. A. Linsell. 2,141,756; Dec. 27.  
 Receiver of telephonic or telegraphic signals. R. Prochnow. 2,125,953; Aug. 9.  
 Receiver, Regenerative. P. Belleville. 2,125,982; Aug. 9.  
 Receiver, Superheterodyne. W. V. Roberts. 2,140,115; Dec. 13.  
 Receiver, Superregenerative. J. L. Reinartz. 2,114,030; Apr. 12.  
 Receiver, Superregenerative. J. L. Reinartz. 2,134,801; Nov. 1.  
 Receiver, Ultra-short-wave. A. G. Clavier. 2,141,291; Dec. 27.  
 Receiving apparatus for communication systems. W. P. Place. 2,124,806; July 26.  
 Receiving circuit. E. Ebbighausen. 2,112,956; Apr. 5.  
 Receiving device. F. Blythen and J. Hardwick. 2,133,075; Oct. 11.  
 Receiving system. G. W. Fyler. 2,138,655; Nov. 29.  
 Receiving system. B. Trevor and R. W. George. 2,106,776; Feb. 1.  
 Receiving system for frequency modulated waves. J. C. Chaffee. 2,118,161; May 24.  
 Receiving system for receiving a wide range of frequencies. K. Wilhelm. 2,112,320; Mar. 29.  
 Receiving system, High fidelity. P. Weathers. 2,141,426; Dec. 27.  
 Receptacle: See—  
 Ash receptacle. Milk bottle receptacle.  
 Bath tub receptacle. Paper receptacle.  
 Brush equipped receptacle. Paper towel receptacle.  
 Cash receptacle. Pendant receptacle.  
 Condiment receptacle. Plug and dead end receptacle.  
 Discharging receptacle. Plug receptacle.  
 Dispensing receptacle. Powder puff forming receptacle.  
 Display receptacle. Powder puff forming receptacle.  
 Electric receptacle. Refuse receptacle.  
 Evacuated receptacle. Sealed receptacle.  
 Garbage receptacle. Special receptacle.  
 Iron annealing receptacle. Tennis ball receptacle.  
 Key receptacle. Tobacco ash receptacle.  
 Lockstick receptacle. Vacuum wall receptacle.  
 Metallic receptacle.  
 Receptacle. W. E. Amberg. 2,134,321; Oct. 25.  
 Receptacle. W. F. Best and W. Kremer. 2,121,944; June 28.  
 Receptacle. H. W. Birk. 2,125,419; Aug. 2.  
 Receptacle. J. J. Fitz Gerald. 2,135,392; Nov. 1.  
 Receptacle. J. Hassenfeld. 2,141,952; Dec. 27.  
 Receptacle. E. J. Hutchison. 2,119,435; May 31.  
 Receptacle. A. F. Reilly. 2,108,445; Feb. 15.  
 Receptacle. H. R. Segal. 2,122,158; June 28.  
 Receptacle. N. Skidelsky. 2,117,516; May 17.  
 Receptacle. N. Skidelsky and W. A. Bary. 2,115,219; Apr. 26.  
 Receptacle. F. C. Woelfer, Jr. 2,131,714; Sept. 27.  
 Receptacle. W. Zipper. 2,132,339; Oct. 4.  
 Receptacle and brush holder, Combined. A. J. Millavee. 2,107,643; Feb. 8.  
 Receptacle and closure. W. Lockhart. 2,108,407; Feb. 15.  
 Receptacle and closure therefor. H. L. Rogers. 2,107,216; Feb. 1.  
 Receptacle and package, Dispensing. H. C. Harvey. 2,112,960; Apr. 5.  
 Receptacle cleaning and filling machine. A. C. Everett. 2,107,474; Feb. 8.  
 Receptacle cover. R. G. Curtis. 2,111,359; Mar. 15.  
 Receptacle emptying machine. J. A. Byington. 2,136,488; Nov. 15.  
 Receptacle filler. O. C. Schmidt. 2,128,734-5; Aug. 30.  
 Receptacle filler for ice cream. C. F. Weinreich. 2,136,224; Nov. 8.  
 Receptacle filling and emptying device. S. S. Holland. 2,112,290; Mar. 29.  
 Receptacle filling machine. F. D. Chapman. 2,137,389; Nov. 22.  
 Receptacle filling machine. C. Doering. 2,113,081; Apr. 5.  
 Receptacle for combs and files. F. E. Wakefield. 2,110,614; Mar. 8.  
 Receptacle for containing glass during its manufacture. J. H. Partridge. 2,141,930; Dec. 27.  
 Receptacle for doors, Concealed key. T. E. Cox. 2,138,416; Nov. 29.  
 Receptacle for filled article containers, Packing. L. D. Van Benshoten. 2,124,217; July 19.  
 Receptacle for ice refrigerators, Drip. D. F. Rose. 2,130,930; Sept. 20.  
 Receptacle for liquids, Carbonating and dispensing. C. F. Lozon. 2,105,487; Jan. 18.  
 Receptacle for pipes. J. E. Newton. 2,139,559; Dec. 6.  
 Receptacle for plastic substances, Dispensing. W. E. Sherbondy. 2,106,577; Jan. 25.  
 Receptacle for products of the soil. H. D. Bennett. 2,128,218; Aug. 30.  
 Receptacle for refrigerators, Food storage. G. C. Harbison. 2,114,873; Apr. 19.  
 Receptacle inverting mechanism. J. M. McClatchie. 2,119,642; June 7.  
 Receptacle-making machine. J. D. Reifsnnyder. 2,135,219; Nov. 1.  
 Receptacle, Method of and apparatus for applying a flexible sheet to a. T. H. Nifong. 2,120,504; June 14.  
 Receptacle or case, Closed. M. L. Rathbun. 2,112,658; Mar. 29.  
 Receptacle or case, Closed. M. L. Rathbun. 2,141,449; Dec. 27.  
 Receptacle plate, Protective electrical. L. G. Englar. 2,119,428; May 31.  
 Receptacle with picture display. W. F. Bowen. 2,117,140; May 10.  
 Receptacle with sliding closure, Storage. I. Blechman. 2,109,612; Mar. 1.  
 Receptacles and the like, Method of and apparatus for producing. K. H. Miller. 2,136,308; Nov. 8.  
 Receptacles, Apparatus for applying strips to. T. H. Nifong. 2,120,505; June 14.  
 Receptacles, Making. H. S. Buckingham. 2,117,295; May 17.  
 Receptacles, Mechanism for discharging contents of. A. Davis, Jr. 2,135,868; Nov. 8.  
 Receptacles, Method and apparatus for the molding of covered ceramic. B. S. Purinton. 2,106,415; Jan. 25.  
 Receptacles, Sealing. J. H. Payne. 2,141,932; Dec. 27.  
 Rechargeable filter. F. W. Manning. 2,128,589; Aug. 30.  
 Reciprocating engine. J. G. A. Kitchen. 2,105,043; Jan. 11.  
 Reciprocating motor. C. V. Bates. 2,109,953; Mar. 1.  
 Reclining chair, Hydraulically operated. T. E. Thomas and H. H. Phillips. 2,132,363; Oct. 4.  
 Reclining seat. V. Willoughby. 2,130,781-2; Sept. 20.  
 Reclosable box. E. W. Johnson. 2,139,021; Dec. 6.  
 Reclosing device for circuit breakers. L. W. Dyer. 2,140,352; Dec. 13.  
 Reclosing device for circuit breakers, Automatic. G. D. Gamel. 2,125,157; July 26.  
 Recoil check and barrel accelerator for a machine gun. S. G. Green. 2,128,243; Aug. 30.  
 Record assembly. W. A. Pringle. 2,108,510; Feb. 15.  
 Record card controlled machine. M. Maul. 2,105,291; Jan. 11.  
 Record, Continuous interleaved. J. B. Motsinger. 2,108,500; Feb. 15.  
 Record controlled machine. R. L. Houston. 2,106,801-2; Feb. 1.  
 Record controlled machine. L. M. Keefe. 2,120,071; June 7.  
 Record controlled machine, Perforated. C. D. Lake. 2,111,117; Mar. 15.  
 Record cut-out assembly, Home. L. W. Franklin. 2,106,693; Jan. 25.  
 Record feeding device. E. Holzapfel. 2,111,116; Mar. 15.  
 Record, Gramophone. W. O. Herrmann. 2,124,701; July 28.  
 Record keeping device. B. E. Rorem. 2,106,856; Feb. 1.  
 Record, Manifolding. C. R. Mabon. 2,115,392; Apr. 26.  
 Record, Phonograph. J. H. Hunter. 2,130,239; Sept. 13.  
 Record, Phonograph. H. F. Stose. 2,116,986; May 10.  
 Record, Preparing a control. B. L. Green. 2,114,294; Apr. 19.  
 Record puncturing machine. R. E. Paris. 2,129,782; Sept. 13.



- Record sensing device. M. F. Hayes. 2,129,764; Sept. 13.
- Record sheet holder. J. H. Noyes and C. B. Moore. 2,115,467; Apr. 26.
- Record sheet holder. F. L. Prescott. 2,122,437; July 5.
- Record strip control for autographic registers. L. F. Hagemann. 2,123,994; July 19.
- Record strip controller, Automatic. C. R. Mabon. 2,110,605; Mar. 8.
- Record strip regulator. W. F. Simonson. 2,110,611; Mar. 8.
- Recorder: *See*—
- Pressure recorder.
- Record controlled machine. L. M. Keefe. 2,134,284; Oct. 25.
- Record for talking machines, Sound. W. Rabald. 2,137,307; Nov. 22.
- Record, Gramophone. E. Severin and O. Brunnert. 2,137,510; Nov. 22.
- Record resurfacing tool, Phonograph. W. H. Miller. 2,137,621; Nov. 22.
- Record shaving machine. T. C. Brown. 2,137,383; Nov. 22.
- Record shaving machine, Phonograph. S. G. Langley. 2,133,346; Nov. 29.
- Recorder. C. H. Au. 2,108,037; Feb. 15.
- Recorder. C. M. F. Friden. 2,128,357; Aug. 30.
- Recorder. L. S. Harrison. 2,129,762; Sept. 13.
- Recorder. F. S. Marcellus. 2,139,509; Dec. 6.
- Recorder. A. J. Schamehorn. 2,139,384; Dec. 6.
- Recorder. A. L. Sprecker. 2,116,664; May 10.
- Recorder, Air jet. F. S. Marcellus. 2,139,508; Dec. 6.
- Recorder, Air speed acceleration. H. J. E. Reid and R. V. Rhode. 2,139,694; Dec. 13.
- Recorder and control system. L. Behr, A. J. Williams, Jr., and J. V. Adams. 2,124,684; July 26.
- Recorder, Continuous sheet facsimile. W. G. H. Finch. 2,109,109; Feb. 22.
- Recorder, Electrical. C. E. Germanton. 2,115,808; May 3.
- Recorder, Hoist. H. H. Logan. 2,133,104; Oct. 11.
- Recorder, Line overflow. R. E. Collis and O. Myers. 2,115,801; May 3.
- Recorder, Magnetic. W. P. Patrick. 2,141,548; Dec. 27.
- Recorder of liquid level heights. G. A. Locke. 2,132,213; Oct. 4.
- Recorder system, Annunciator. M. W. Muehter. 2,126,025; Aug. 9.
- Recording apparatus. M. Artzt. 2,131,547; Sept. 27.
- Recording apparatus. J. W. Miles. 2,135,944; Nov. 8.
- Recording apparatus. F. E. Runge. 2,113,385; Apr. 5.
- Recording apparatus for blood sedimentation tests. A. P. Proskouriakoff. 2,104,525; Jan. 4.
- Recording device. S. A. Bokovoy and P. D. Gerber. 2,135,028; Nov. 1.
- Recording device. H. E. Hollmann. 2,133,140; Oct. 11.
- Recording device. M. A. Lichten. 2,115,863; May 3.
- Recording device. E. E. Turner, Jr. 2,108,089; Feb. 15.
- Recording device. M. von Ardenne. 2,111,231; Mar. 15.
- Recording device for liquid dispensing apparatus. W. M. Carroll. Re. 20,815; Aug. 2.
- Recording device for telephone sets. F. Bonn. 2,130,336; Sept. 20.
- Recording instrument. J. D. Cunningham. 2,119,950; June 7.
- Recording instrument. T. de Port. 2,124,547; July 26.
- Recording instrument. G. W. Grisdale. 2,118,081; May 24.
- Recording instrument. R. M. Rowell. 2,134,581; Oct. 25.
- Recording instrument. K. K. Shepard. 2,137,592; Nov. 22.
- Recording material feed apparatus. C. H. Vose. 2,114,691; Apr. 19.
- Recording mechanism. F. Loeffler. 2,138,110; Nov. 29.
- Recording mechanism. F. V. Mayo. 2,119,339; May 31.
- Recording mechanism. J. N. and A. S. Reynolds. 2,111,902; Mar. 22.
- Recording mechanism for railway traffic controlling apparatus. H. A. Thompson. 2,133,640; Oct. 18.
- Recording process and system. J. L. Yonkers. 2,141,964; Dec. 27.
- Records, Apparatus for printing photographic sound. D. von Mihaly. 2,132,089; Oct. 4.
- Records, Making phonographic. B. A. Proctor and F. C. W. Thiede. 2,106,623; Jan. 25.
- Records, Manufacture of sound. C. Schinzel. 2,127,786; Aug. 23.
- Records, Method of and apparatus for the indexing and photo-transcription of. L. G. Townsend. 2,121,061; June 21.
- Records of counting mechanism before and after use. Making photographic. B. S. Hinceline. 2,136,262; Nov. 8.
- Records, Reproducing balanced sound. G. Chammann. 2,133,132; Oct. 11.
- Records, Reproduction of sound. K. Schwarz. 2,109,754; Mar. 1.
- Rectifier. F. Fischer. 2,130,384; Sept. 20.
- Rectifier. W. Leukert. 2,141,921; Dec. 27.
- Rectifier. H. Walter. 2,126,067; Aug. 9.
- Rectifier and capacitor charger. H. L. Rorden. 2,120,002; June 7.
- Rectifier and making same. K. E. Schimkus. 2,124,752; July 26.
- Rectifier circuit. A. W. Barber. 2,129,726; Sept. 13.
- Rectifier circuit, Grid controlled. G. H. Rockwood, Jr. 2,140,922; Dec. 20.
- Rectifier, Electric. E. Kipphan. 2,134,131; Oct. 25.
- Rectifier, High power dry disk. R. T. Cheeseman and E. A. Harty. 2,119,381; May 31.
- Rectifier, Inductive. J. R. Gaston. 2,118,554; May 24.
- Rectifier protective system. H. Winograd. 2,123,859; July 12.
- Rectifier sealing. P. B. Freeman. 2,126,765; Aug. 16.
- Rectifier system. W. Fouquet. 2,137,046; Nov. 15.
- Rectifier system. F. Hamacher. 2,114,840; Apr. 19.
- Rectifier system. J. R. Power. 2,113,220; Apr. 5.
- Rectifiers, Automatic disconnect for. H. A. Rose. 2,137,063; Nov. 15.
- Rectifiers, Manufacture of electrical. P. H. Dowling. 2,129,410; Sept. 6.
- Rectifiers, Manufacturing contact. E. A. Harty. 2,117,164; May 10.
- Rectifiers, Manufacturing dry. E. Barrey. 2,139,791; Dec. 13.
- Rectifiers, Producing selenium. A. Lotz. 2,121,603; June 21.
- Rectifiers, Sectionalizing of sectional type. H. A. Rose. 2,134,580; Oct. 25.
- Rectifying device. T. Jurriaanse. 2,135,006; Nov. 1.
- Red fluorescent layer. N. W. H. Addink. 2,113,973; Apr. 12.
- Reducing apparatus. R. W. Stevenson. 2,105,759; Jan. 18.
- Reducing composition. A. Pfister. 2,109,708; Mar. 1.
- Reducing furnace. H. B. Bardue. 2,116,554; May 10.
- Reducing mill. W. M. Sheldon. 2,128,194; Aug. 23.
- Reduction gear. G. H. Acker. 2,113,868; Apr. 12.
- Reduction gear. R. Chilton. 2,127,463; Aug. 16.
- Reduction-gear device. W. E. Newman. 2,118,859; May 31.
- Reduction gear, Planetary. R. Chilton. 2,127,464; Aug. 16.
- Reduction process, Metallurgical. R. Gahl. 2,125,909; Aug. 9.
- Reed for musical instruments. H. T. Prescott. 2,106,016; Jan. 18.
- Reed, Hook lease. A. J. Owler. 2,117,909; May 17.
- Reed loom. G. E. Nordstrom. 2,118,223; May 24.
- Reed mechanism, Movable. E. L. Zachary. 2,111,083; Mar. 15.
- Reed trimmer. J. Miller. 2,110,050; Mar. 1.
- Reed with detachable dents. J. S. Hall. 2,135,136; Nov. 1.
- Reed, Yielding. C. D. Brown. 2,118,426; May 24.
- Reeding apparatus used in textile manufactures. G. B. Phillips. 2,116,766; May 10.
- Reel: *See*—
- Cable reel. Fishing leader reel.
- Casting reel. Fishing line drying reel.
- Cloth reel. Fishing reel.
- Clothesline reel. Fishing rod reel.
- Coiling reel. Harvester reel.
- Cord reel. Prewound casting reel.
- Film reel. Strip reel.
- Finishing reel. Traveling reel.
- Fishline drying reel.
- Reel. R. W. Clemmons. 2,115,481; Apr. 26.
- Reel. R. W. Clemmons. 2,140,494; Dec. 20.
- Reel. R. B. Hayward. 2,110,624; Mar. 8.
- Reel. R. B. Hayward. 2,110,626; Mar. 8.
- Reel. P. S. McCann. 2,105,090; Jan. 11.
- Reel and winding gear generally, Fishing. W. Stanley. 2,126,227; Aug. 9.
- Reel end signal for motion picture projectors. O. Hemmingson. 2,140,227; Dec. 13.
- Reel, Fishing. H. F. Maynes. Re. 20,751; June 7.
- Reel for paper rolls, Automatic. H. A. W. Wood. 2,120,846; June 14.
- Reel for stand lamps, Cord. C. R. Stocks. 2,121,993; June 28.
- Reel mounting for fishing rods. D. Howarth. 2,120,467; June 14.
- Reel or holder for textile packages. R. Little and E. W. Fraim. 2,141,610; Dec. 27.
- Reel rod for a printing cylinder. I. Tornberg. 2,141,961; Dec. 27.
- Reel seat. R. Holding. 2,114,107; Apr. 12.
- Reel seat for fishing rods. F. M. O'Brien, Jr. 2,104,495; Jan. 4.
- Reel seat for fishing rods. S. G. Russell. 2,131,819; Oct. 4.
- Reel seating means for fishing poles. C. D. Stronggren. 2,111,080; Mar. 15.
- Reeling device. H. C. Ralston, T. D. Williams, and F. Mako. 2,135,913; Nov. 8.
- Reeling machine, Automatic. I. Kowada. 2,141,816; Dec. 27.
- Reeling mechanism. R. F. Sedgley. 2,120,944; June 14.
- Reels, Apparatus for supporting paper. M. Casasco. 2,138,338; Nov. 29.
- Reinforced construction for light hollow members. R. H. Goddard. 2,109,529; Mar. 1.
- Refectory table. C. L. Creech, Jr. 2,111,616; Mar. 22.
- Refectory table. A. H. and R. A. Holland. 2,108,816; Feb. 22.



- Reference stand. P. O. Unger. 2,140,176; Dec. 13.  
 Refill fuse plug. J. Cree and F. Corlett. 2,119,269; May 31.  
 Refiner. R. C. Benner and A. L. Ball. 2,124,393; July 19.  
 Refining. M. Fairlie. 2,136,788; Nov. 15.  
 Refining. W. S. Gullette. 2,132,159; Oct. 4.  
 Refining. G. J. Malherbe. 2,116,208; May 3.  
 Refining process. S. P. Miller. 2,124,860; July 26.  
 Reflecting display. A. Sacksteder. 2,132,649; Oct. 11.  
 Reflecting electric lamp. C. Birdseye and C. K. Reiman. 2,121,314; June 21.  
 Reflecting electric lamp. C. K. Reiman and J. F. Cook, Jr. 2,121,765; June 21.  
 Reflecting incandescent lamp. J. F. Cook, Jr. 2,110,590; Mar. 8.  
 Reflecting incandescent lamp. C. R. Rook. 2,117,039; May 10.  
 Reflecting safety device. P. Gelder. 2,121,868; June 28.  
 Reflecting sign. C. A. Scholtz. 2,122,156; June 28.  
 Reflecting unit. R. W. Luce. 2,129,017; Sept. 6.  
 Reflecting unit. S. Schiller. Re. 20,731; May 17.  
 Reflection spotting board. C. J. Williams. 2,134,650; Oct. 25.  
 Reflector. C. V. Bergstrom. 2,107,362; Feb. 8.  
 Reflector. J. B. Dickson and A. R. C. Hatch. 2,115,906; May 3.  
 Reflector. H. F. Herbig. 2,137,286; Nov. 22.  
 Reflector. J. L. Koubek. 2,131,629; Sept. 27.  
 Reflector. R. H. Osbrink. 2,126,971; Aug. 16.  
 Reflector. C. A. Persons. 2,124,793; July 26.  
 Reflector adapted for dual mounting. Light. W. V. Bergen and A. C. Shute. 2,122,395; July 5.  
 Reflector, Adjustable. S. Margulies. 2,137,881; Nov. 22.  
 Reflector, Aluminum. R. B. Mason. 2,108,604; Feb. 15.  
 Reflector assembly. M. A. Addor. 2,133,839; Oct. 18.  
 Reflector cover. P. D. Phillips. 2,137,026; Nov. 15.  
 Reflector device. O. C. Ritz-Woller. 2,108,446; Feb. 15.  
 Reflector device, Self-focusing. R. W. Luce. 2,120,524; June 14.  
 Reflector, Electric light. H. F. Hitner. 2,134,788; Nov. 1.  
 Reflector for incandescent electric lamps. S. D. Cohen. 2,111,279; Mar. 15.  
 Reflector for street and highway lighting. P. H. Mitchell. 2,140,646; Dec. 20.  
 Reflector, High intensity. G. Leray. 2,121,566; June 21.  
 Reflector, in particular for vehicles. F. Nielsen. 2,106,533; Jan. 25.  
 Reflector, Light. J. T. Norton. 2,136,862; Nov. 15.  
 Reflector, Road. H. J. Rosener. 2,127,700; Aug. 23.  
 Reflector, Sign. H. C. Spratley. 2,118,420; May 24.  
 Reflector, Ultrashort wave. H. Scharlau. 2,118,419; May 24.  
 Reflectors, Making metal. F. L. Jones and R. J. Kirschmaier. 2,135,873; Nov. 8.  
 Reflectors, Means for adjusting. F. A. Benford. 2,128,791; Aug. 30.  
 Refolding mechanism for duplicating machines. A. B. Cooke. 2,106,520; Jan. 25.  
 Refractories. V. M. Goldschmidt. 2,105,943; Jan. 18.  
 Refractories, Ferruginous siliceous. J. M. McKinley and W. K. Carter. 2,108,543; Feb. 15.  
 Refractory. H. C. Fisher. 2,118,789; May 24.  
 Refractory. C. W. Saxe. 2,118,798; May 24.  
 Refractory. J. T. Singevald, Jr. 2,133,672; Oct. 18.  
 Refractory articles. H. B. White. 2,104,841; Jan. 11.  
 Refractory bodies. Making cellular. J. M. Knoté. 2,122,288; June 28.  
 Refractory body and making same. K. Schwartzwalder. 2,122,960; July 5.  
 Refractory, Cellular insulating. R. C. Benner and H. N. Baumann, Jr. 2,136,096; Nov. 8.  
 Refractory construction for furnaces. H. A. Morlock. 2,125,192; July 26.  
 Refractory for contacting molten glass. J. C. Hostetter. 2,106,527; Jan. 25.  
 Refractory for induction furnaces. H. C. Fisher. 2,141,600; Dec. 27.  
 Refractory, Fused. J. D. Sullivan. 2,113,818; Apr. 12.  
 Refractory granules. Colored glass coated. C. E. Hillers and H. L. Small. 2,139,955; Dec. 13.  
 Refrigerant compression unit. G. C. Fricke. 2,122,462; July 5.  
 Refrigerant control device. P. Haymond. 2,113,345; Apr. 5.  
 Refrigerant control device. J. D. Lear. 2,113,351; Apr. 5.  
 Refrigerated back bar. H. E. Sadler. 2,134,644; Oct. 25.  
 Refrigerating and air-conditioning system in conjunction with internal combustion engines. B. Stelzer. 2,136,527; Nov. 15.  
 Refrigerating apparatus. D. F. Alexander, C. F. Henney, and C. L. Paulus. 2,104,148; Jan. 4.  
 Refrigerating apparatus. D. F. Alexander, C. L. Paulus, and C. F. Henney. 2,104,381; Jan. 4.  
 Refrigerating apparatus. D. F. Alexander, C. F. Henney, and C. L. Paulus. 2,104,382; Jan. 4.  
 Refrigerating apparatus. D. F. Alexander and G. C. Pearce. 2,118,636; May 24.  
 Refrigerating apparatus. E. Altenkirch. 2,138,685; Nov. 29.  
 Refrigerating apparatus. N. J. Bohn. 2,125,984; Aug. 9.  
 Refrigerating apparatus. C. B. Boles. 2,137,260; Nov. 22.  
 Refrigerating apparatus. C. B. Boles. 2,139,110; Dec. 6.  
 Refrigerating apparatus. P. M. Bratten. 2,104,711; Jan. 4.  
 Refrigerating apparatus. L. H. Browne. 2,136,097; Nov. 8.  
 Refrigerating apparatus. J. C. Buchanan. 2,107,562; Feb. 8.  
 Refrigerating apparatus. J. C. Buchanan. 2,134,101; Oct. 25.  
 Refrigerating apparatus. L. B. M. Buchanan. 2,123,179; July 12.  
 Refrigerating apparatus. L. B. M. Buchanan. 2,123,498; July 12.  
 Refrigerating apparatus. L. B. M. Buchanan. 2,133,953-4; Oct. 25.  
 Refrigerating apparatus. L. B. M. Buchanan. 2,133,956; Oct. 25.  
 Refrigerating apparatus. L. B. M. Buchanan. 2,133,959; Oct. 25.  
 Refrigerating apparatus. L. B. M. Buchanan. 2,133,961; Oct. 25.  
 Refrigerating apparatus. L. B. M. Buchanan. 2,133,964; Oct. 25.  
 Refrigerating apparatus. R. R. Candor. 2,127,990-1; Aug. 23.  
 Refrigerating apparatus. R. R. Candor. 2,131,834; Oct. 4.  
 Refrigerating apparatus. R. R. Candor and D. F. Alexander. 2,104,383; Jan. 4.  
 Refrigerating apparatus. R. J. Cracknell. 2,116,100; May 3.  
 Refrigerating apparatus. L. H. Darbyshire, O. E. Norberg, and H. Morley. 2,134,106; Oct. 25.  
 Refrigerating apparatus. D. E. Dasher. 2,119,317; May 31.  
 Refrigerating apparatus. H. J. Dick and R. E. Fleming. 2,130,790; Sept. 20.  
 Refrigerating apparatus. L. W. Eggleston. 2,125,842; Aug. 2.  
 Refrigerating apparatus. F. R. Erbach. 2,107,630; Feb. 8.  
 Refrigerating apparatus. R. S. Gaugler. 2,104,587; Jan. 4.  
 Refrigerating apparatus. R. S. Gaugler. 2,105,460; Jan. 11.  
 Refrigerating apparatus. R. S. Gaugler. 2,134,552; Oct. 25.  
 Refrigerating apparatus. B. B. Geyer. Re. 20,656; Feb. 22.  
 Refrigerating apparatus. W. Giffard. 2,104,480; Jan. 4.  
 Refrigerating apparatus. R. E. Gould. 2,106,840; Feb. 1.  
 Refrigerating apparatus. R. E. Gould. 2,112,400; Mar. 29.  
 Refrigerating apparatus. M. J. Goulooze. 2,112,771; Mar. 29.  
 Refrigerating apparatus. A. O. Grooms. 2,125,070; July 26.  
 Refrigerating apparatus. A. O. Grooms. 2,129,373; Sept. 6.  
 Refrigerating apparatus. F. W. Hartman. 2,104,589; Jan. 4.  
 Refrigerating apparatus. E. Heitman. 2,112,599; Mar. 29.  
 Refrigerating apparatus. E. Heitman. 2,114,766; Apr. 19.  
 Refrigerating apparatus. E. Heitman. 2,127,732; Aug. 23.  
 Refrigerating apparatus. C. F. Henney. 2,130,994-5; Sept. 20.  
 Refrigerating apparatus. J. R. Hornaday. 2,130,276; Sept. 13.  
 Refrigerating apparatus. H. Huey. 2,117,424; May 17.  
 Refrigerating apparatus. H. B. Hull. 2,104,386; Jan. 4.  
 Refrigerating apparatus. H. B. Hull. 2,105,974; Jan. 18.  
 Refrigerating apparatus. H. B. Hull. 2,130,089; Sept. 13.  
 Refrigerating apparatus. H. B. Hull. 2,136,618; Nov. 15.  
 Refrigerating apparatus. H. B. Hull and D. F. Alexander. 2,104,387; Jan. 4.  
 Refrigerating apparatus. H. B. Hull and A. A. McCormack. 2,135,515; Nov. 8.  
 Refrigerating apparatus. G. E. Hulse. 2,133,818; Oct. 18.  
 Refrigerating apparatus. C. and B. Jaeger. 2,128,251; Aug. 30.  
 Refrigerating apparatus. J. Karmazin. 2,105,121; Jan. 11.  
 Refrigerating apparatus. J. Karmazin. 2,134,665; Oct. 25.  
 Refrigerating apparatus. L. M. Keighley. 2,116,974; May 10.  
 Refrigerating apparatus. C. F. Kettering. 2,130,092-3; Sept. 13.  
 Refrigerating apparatus. J. Kirgan. 2,123,735; July 12.  
 Refrigerating apparatus. J. Kirgan. 2,125,347; Aug. 2.  
 Refrigerating apparatus. T. W. Koerner. 2,109,199; Feb. 22.  
 Refrigerating apparatus. H. J. Krackowizer. 2,109,270; Feb. 22.



- Refrigerating apparatus. L. C. Luneke. 2,123,588; July 12.
- Refrigerating apparatus. P. M. Lyons. 2,108,898; Feb. 22.
- Refrigerating apparatus. G. Maiuri. 2,114,602; Apr. 19.
- Refrigerating apparatus. C. A. Mann. 2,138,660; Nov. 29.
- Refrigerating apparatus. G. W. Mason. 2,107,076; Feb. 1.
- Refrigerating apparatus. G. S. McCloy. 2,133,960; Oct. 25.
- Refrigerating apparatus. A. A. McCormack. 2,124,234; July 19.
- Refrigerating apparatus. A. A. McCormack. 2,133,358; Oct. 18.
- Refrigerating apparatus. A. A. McCormack. 2,137,761; Nov. 22.
- Refrigerating apparatus. E. B. Newill. 2,119,958; June 7.
- Refrigerating apparatus. E. B. Newill. 2,120,674; June 14.
- Refrigerating apparatus. E. B. Newill. 2,135,091; Nov. 1.
- Refrigerating apparatus. G. R. Ohmart. 2,107,644; Feb. 8.
- Refrigerating apparatus. G. C. Pearce. 2,116,909; May 10.
- Refrigerating apparatus. G. C. Pearce. 2,119,959; June 7.
- Refrigerating apparatus. G. C. Pearce. 2,129,867; Sept. 13.
- Refrigerating apparatus. G. C. Pearce. 2,134,056; Oct. 25.
- Refrigerating apparatus. L. A. Philipp. 2,114,768; Apr. 19.
- Refrigerating apparatus. L. A. Philipp. 2,115,120; Apr. 26.
- Refrigerating apparatus. L. A. Philipp. 2,117,570; May 17.
- Refrigerating apparatus. L. A. Philipp. 2,120,185; June 7.
- Refrigerating apparatus. L. A. Philipp. 2,134,089; Oct. 25.
- Refrigerating apparatus. L. A. Philipp. 2,136,316; Nov. 8.
- Refrigerating apparatus. L. A. Philipp. 2,138,611-2; Nov. 29.
- Refrigerating apparatus. E. C. Raney. 2,109,202; Feb. 22.
- Refrigerating apparatus. D. H. Reeves. 2,133,361; Oct. 18.
- Refrigerating apparatus. G. D. Reinhardt. 2,117,506; May 17.
- Refrigerating apparatus. H. E. Rosebrook and O. I. De Graw. 2,110,635; Mar. 8.
- Refrigerating apparatus. E. F. Schweller. 2,104,548; Jan. 4.
- Refrigerating apparatus. E. F. Schweller. 2,116,914; May 10.
- Refrigerating apparatus. E. F. Schweller. 2,139,521; Dec. 6.
- Refrigerating apparatus. E. F. Schweller. 2,141,255; Dec. 27.
- Refrigerating apparatus. S. M. Schweller. 2,115,321; Apr. 26.
- Refrigerating apparatus. S. M. Schweller and E. H. Schilling. 2,109,052; Feb. 22.
- Refrigerating apparatus. L. E. Scott and E. A. Smith. 2,107,088; Feb. 1.
- Refrigerating apparatus. C. J. Sekyra, Sr. 2,135,878; Nov. 8.
- Refrigerating apparatus. M. G. Shoemaker. 2,133,962; Oct. 25.
- Refrigerating apparatus. J. Smilack. 2,105,958; Jan. 18.
- Refrigerating apparatus. J. Smilack. 2,128,020; Aug. 23.
- Refrigerating apparatus. H. F. Smith. 2,119,494; May 31.
- Refrigerating apparatus. H. F. Smith. 2,122,012-13; June 28.
- Refrigerating apparatus. H. F. Smith. 2,122,161; June 28.
- Refrigerating apparatus. H. F. Smith. 2,128,021; Aug. 23.
- Refrigerating apparatus. H. F. Smith. 2,136,641; Nov. 15.
- Refrigerating apparatus. R. M. Smith. 2,106,685; Jan. 25.
- Refrigerating apparatus. R. M. Smith. 2,124,239; July 19.
- Refrigerating apparatus. V. W. Smith. 2,114,128; Apr. 12.
- Refrigerating apparatus. J. R. Stephenson. 2,113,967; Apr. 12.
- Refrigerating apparatus. O. M. Summers. 2,110,182; Mar. 8.
- Refrigerating apparatus. O. M. Summers. 2,117,919; May 17.
- Refrigerating apparatus. O. M. Summers. 2,132,836; Oct. 11.
- Refrigerating apparatus. C. C. Thomas. 2,122,501; July 5.
- Refrigerating apparatus. R. L. Tweedale. 2,128,720; Aug. 30.
- Refrigerating apparatus. B. J. Vandoren. 2,108,876; Feb. 22.
- Refrigerating apparatus. G. B. Wagner. 2,118,580; May 24.
- Refrigerating apparatus. W. W. Watt. 2,117,929; May 17.
- Refrigerating apparatus. G. F. Weiher. 2,126,158; Aug. 9.
- Refrigerating apparatus. G. F. Weiher. 2,137,962; Nov. 22.
- Refrigerating apparatus. T. S. Wetter. 2,117,834; May 17.
- Refrigerating apparatus. H. Wiggers. 2,107,317; Feb. 8.
- Refrigerating apparatus. H. M. Williams. 2,124,268; July 19.
- Refrigerating apparatus. H. M. Williams and A. J. Timmer. 2,128,388; Aug. 30.
- Refrigerating apparatus. G. W. Wolcott. 2,117,468; May 17.
- Refrigerating apparatus. G. F. Zellhoefer. 2,127,101; Aug. 16.
- Refrigerating apparatus, Absorption. G. F. Zellhoefer. 2,107,319; Feb. 8.
- Refrigerating apparatus and method. L. B. M. Buchanan. 2,133,950; Oct. 25.
- Refrigerating apparatus and method. G. S. McCloy. 2,133,963; Oct. 25.
- Refrigerating apparatus and method. C. E. Quinn and J. R. Lassiter, Jr. 2,130,027; Sept. 13.
- Refrigerating apparatus, Automatic control of. S. Otto and L. Bruehl. 2,137,060; Nov. 15.
- Refrigerating apparatus, Dry ice. A. J. Cordrey. 2,125,888; Aug. 9.
- Refrigerating apparatus, Intermittent absorption. E. Altenkirch. 2,138,686; Nov. 29.
- Refrigerating apparatus of the compression type. R. Hintze. 2,128,090; Aug. 23.
- Refrigerating apparatus, Two-temperature. L. B. M. Buchanan. 2,123,497; July 12.
- Refrigerating cabinet. G. D. Reinhardt. 2,117,505; May 17.
- Refrigerating composition. Y. Kaufman and V. K. La Mer. 2,136,385; Nov. 15.
- Refrigerating device. J. T. Bertrand. 2,121,381; June 21.
- Refrigerating device. G. Lindsey. 2,104,879; Jan. 11.
- Refrigerating device, particularly for air conditioning, Portable. E. S. Catterlin. 2,125,542; Aug. 2.
- Refrigerating machine. H. H. Bixler. 2,130,835; Sept. 20.
- Refrigerating machine. D. F. Newman. 2,123,059; July 5.
- Refrigerating machine. E. Sander. 2,126,978; Aug. 16.
- Refrigerating machine. C. Steenstrup. 2,128,859; Aug. 30.
- Refrigerating machine. C. H. Steenstrup. 2,133,875; Oct. 18.
- Refrigerating machine. H. S. Woodruff. 2,114,200; Apr. 12.
- Refrigerating machine, Compression. W. Hirche. 2,115,976; May 3.
- Refrigerating machine of the absorption type. A. Bickers. 2,134,996; Nov. 1.
- Refrigerating machine with electromotor, Compressor. W. Hirche. 2,112,289; Mar. 29.
- Refrigerating machines, Method and apparatus for controlling. L. B. M. Buchanan. 2,133,966; Oct. 25.
- Refrigerating mechanism. P. C. Hall. 2,124,110; July 19.
- Refrigerating mechanism, Coin controlled. H. R. Smith. 2,139,523; Dec. 6.
- Refrigerating method and apparatus. A. H. Bromann, Jr. 2,136,232; Nov. 8.
- Refrigerating method and apparatus. L. B. M. Buchanan. 2,133,952; Oct. 25.
- Refrigerating method and apparatus. C. F. Henney. 2,122,140; June 28.
- Refrigerating method and apparatus. H. J. Krackowizer. 2,124,981; July 26.
- Refrigerating method and apparatus. J. Raymond. 2,122,381; June 28.
- Refrigerating method and apparatus. C. W. Stratford. 2,140,462; Dec. 13.
- Refrigerating process. P. Schlumbohm. 2,105,098; Jan. 11.
- Refrigerating purposes, Apparatus for. P. A. Bancel. 2,117,693; May 17.
- Refrigerating system. A. H. Polleau and A. L. Voggenhauer. 2,132,932; Oct. 11.
- Refrigerating system. H. F. Briggeman and R. A. Fuller. 2,106,591; Jan. 25.
- Refrigerating system. R. W. Davenport. 2,107,887; Feb. 8.
- Refrigerating system. L. D. Kellogg. 2,121,083; June 24.
- Refrigerating system. J. Kirgan. 2,134,109; Oct. 25.
- Refrigerating system. J. F. Kopsa. Re. 20,672; Mar. 15.
- Refrigerating system. C. A. Otto. 2,112,311; Mar. 29.
- Refrigerating system. P. Schlumbohm. 2,111,904; Mar. 22.
- Refrigerating system. N. M. Small and L. Buehler, Jr. 2,112,791; Mar. 29.



- Refrigerating system. G. H. Woodard. 2,110,689; Mar. 8.  
 Refrigerating system and apparatus. G. Fick. 2,132,234; Oct. 4.  
 Refrigerating system capacity control. N. M. Small and L. Buehler, Jr. 2,123,123; July 5.  
 Refrigerating system. Ejector type. J. E. Robb. 2,132,322; Oct. 4.  
 Refrigerating system for cooling or heating. C. R. Neeson. 2,131,355; Sept. 27.  
 Refrigerating system for ice cream freezers. J. T. Smith. 2,117,119; May 10.  
 Refrigerating system, Multiple steam jet. J. E. Haines. 2,126,384; Aug. 9.  
 Refrigerating system, Steam jet. J. E. Haines. 2,132,292; Oct. 4.  
 Refrigerating system with boiler feed, Absorber type. K. P. Brace. 2,123,708; July 12.  
 Refrigerating system with osmotic pump, Jet. K. P. Brace and R. B. P. Crawford. 2,104,847; Jan. 11.  
 Refrigerating systems, Automatic defrosting of. C. W. Bell. 2,123,073; July 5.  
 Refrigerating unit. S. F. Briggs. 2,111,923; Mar. 22.  
 Refrigeration. S. W. E. Andersson. 2,109,607; Mar. 1.  
 Refrigeration. S. W. E. Andersson. 2,123,920-1; July 19.  
 Refrigeration. C. T. Ashby. 2,116,999; May 10.  
 Refrigeration. C. T. Ashby. 2,129,982; Sept. 13.  
 Refrigeration. S. M. Bäckström. 2,112,261; Mar. 29.  
 Refrigeration. J. G. Bergdoll. 2,139,297; Dec. 6.  
 Refrigeration. U. E. Coons. 2,107,053; Feb. 1.  
 Refrigeration. B. K. G. Ehnborn. 2,116,998; May 10.  
 Refrigeration. W. R. Hainsworth. 2,111,774; Mar. 22.  
 Refrigeration. A. A. Kucher. 2,132,534; Oct. 11.  
 Refrigeration. W. A. Kuenzli. 2,112,537; Mar. 29.  
 Refrigeration. A. Lenning. 2,141,609; Dec. 27.  
 Refrigeration. A. T. Light. Re. 20,848; Sept. 6.  
 Refrigeration. G. Mairui. 2,130,503; Sept. 20.  
 Refrigeration. A. B. Newton. 2,120,764; June 14.  
 Refrigeration. F. D. Peltier. 2,134,888; Nov. 1.  
 Refrigeration. J. J. Root and F. J. Sowa. 2,131,119; Sept. 27.  
 Refrigeration. E. L. Schellens and W. I. Hamby. 2,134,149; Oct. 25.  
 Refrigeration. H. C. Shagaloff. 2,141,882; Dec. 27.  
 Refrigeration. A. R. Thomas. 2,105,562; Jan. 18.  
 Refrigeration. H. M. Ullstrand. 2,122,361; June 28.  
 Refrigeration. H. M. Ullstrand. 2,136,600; Nov. 15.  
 Refrigeration. G. F. Zellhoefer. 2,107,320; Feb. 8.  
 Refrigeration. G. F. Zellhoefer. 2,138,777; Nov. 29.  
 Refrigeration, Absorption. F. J. Fleischer. 2,136,790; Nov. 15.  
 Refrigeration, Absorption. B. H. Jennings. 2,120,559; June 14.  
 Refrigeration air-conditioning, Apparatus for effecting. F. A. Whiteley. 2,131,700; Sept. 27.  
 Refrigeration apparatus. J. H. Ashbaugh. 2,133,951; Oct. 25.  
 Refrigeration apparatus. L. B. M. Buchanan. 2,133,948-9; Oct. 25.  
 Refrigeration apparatus. S. C. Eaker and E. E. Grover. 2,108,478; Feb. 15.  
 Refrigeration apparatus. J. P. Kemp. 2,104,260; Jan. 4.  
 Refrigeration apparatus. G. S. McCloy. 2,133,965; Oct. 25.  
 Refrigeration apparatus. O. I. Price. 2,121,049; June 21.  
 Refrigeration apparatus. F. M. Raver. 2,120,767; June 11.  
 Refrigeration, Apparatus for. S. Morse. 2,135,875; Nov. 8.  
 Refrigeration, Apparatus for. B. F. Randel. 2,136,395; Nov. 15.  
 Refrigeration, Apparatus for. M. T. Zarotschenzeff. 2,131,131; Sept. 27.  
 Refrigeration apparatus, Steam jet. P. L. Fetzner. 2,129,698; Sept. 6.  
 Refrigeration apparatus, Steam jet. E. F. Stalcup. 2,106,362; Jan. 25.  
 Refrigeration control apparatus. P. F. Shivers. 2,116,802; May 10.  
 Refrigeration control system. W. L. McGrath. 2,138,768; Nov. 29.  
 Refrigeration means. W. F. Dart. 2,122,380; July 5.  
 Refrigeration mechanism. R. G. Hilger. 2,141,715; Dec. 27.  
 Refrigeration, Method and apparatus for. E. G. Ragatz. 2,119,258; May 31.  
 Refrigeration, Method and apparatus for. B. F. Randel. 2,109,502; Mar. 1.  
 Refrigeration system. L. Buehler, Jr. 2,140,415; Dec. 13.  
 Refrigeration system. H. A. Phillips. 2,123,021; July 5.  
 Refrigeration system. B. E. Shaw. 2,116,002; May 3.  
 Refrigeration system. P. F. Shivers. 2,116,801; May 10.  
 Refrigeration system control. H. W. Ohlhaber. 2,140,810; Dec. 20.  
 Refrigerator. E. J. Anderson. 2,104,845; Jan. 11.  
 Refrigerator. C. H. Andros. 2,129,255; Sept. 6.  
 Refrigerator. S. M. Bäckström. 2,138,132; Nov. 29.  
 Refrigerator. C. F. Bolshaw. 2,132,602; Oct. 11.  
 Refrigerator. H. D. Bennett. 2,120,014; June 7.  
 Refrigerator. D. C. Berry. 2,112,980; Apr. 5.  
 Refrigerator. T. Burns. 2,139,181; Dec. 6.  
 Refrigerator. D. C. Clarke. 2,139,141; Dec. 6.  
 Refrigerator. E. Dolhowsky. 2,119,320; May 31.  
 Refrigerator. H. A. Dockham. 2,130,617; Sept. 20.  
 Refrigerator. C. S. Evans. 2,106,909; Feb. 1.  
 Refrigerator. N. Bel Geddes. 2,127,212; Aug. 16.  
 Refrigerator. R. G. Hilger. 2,141,714; Dec. 27.  
 Refrigerator. G. J. Hopkins. 2,136,362; Nov. 15.  
 Refrigerator. C. I. Justheim. 2,107,538; Feb. 8.  
 Refrigerator. J. L. Knight. 2,114,882; Apr. 19.  
 Refrigerator. E. Korber. 2,135,402; Nov. 1.  
 Refrigerator. H. F. MacGrath. 2,124,857; July 26.  
 Refrigerator. C. Manshel. 2,136,558; Nov. 15.  
 Refrigerator. H. L. Merrill. 2,117,564; May 17.  
 Refrigerator. H. L. Merrill. 2,121,640; June 21.  
 Refrigerator. J. H. Miner. 2,136,145; Nov. 8.  
 Refrigerator. R. H. Money. 2,118,735; May 24.  
 Refrigerator. G. Muffy. 2,137,541; Nov. 22.  
 Refrigerator. H. H. Nauert. 2,139,244; Dec. 6.  
 Refrigerator. C. W. Peterson. 2,131,522; Sept. 27.  
 Refrigerator. T. I. Potter. 2,107,763; Feb. 8.  
 Refrigerator. J. C. Rear. 2,110,917; Mar. 15.  
 Refrigerator. W. I. Reilly. 2,114,086; Apr. 12.  
 Refrigerator. D. E. Rutishauser. 2,129,072; Sept. 6.  
 Refrigerator. J. E. Schaaf. 2,126,285; Aug. 9.  
 Refrigerator. L. H. Scurlock. 2,115,343; Apr. 26.  
 Refrigerator. O. J. Stabball. 2,107,400; Feb. 8.  
 Refrigerator. R. H. Starr. 2,136,222; Nov. 8.  
 Refrigerator. L. L. Stratton. 2,139,779; Dec. 13.  
 Refrigerator. W. W. Warren. 2,109,002; Feb. 22.  
 Refrigerator. V. F. Zahodiakin. 2,131,680; Sept. 27.  
 Refrigerator. Anchorable. W. F. and J. M. Kirk. 2,128,708; Aug. 30.  
 Refrigerator breather tube. G. Wingard. 2,139,991; Dec. 13.  
 Refrigerator cabinet. A. P. Ball. 2,114,169-70; Apr. 12.  
 Refrigerator cabinet. W. F. Elsaesser. 2,120,327; June 14.  
 Refrigerator cabinet. M. Frankel. 2,129,923; Sept. 13.  
 Refrigerator cabinet. C. F. Gerhardt. 2,114,764; Apr. 19.  
 Refrigerator cabinet. R. A. King. 2,114,880; Apr. 19.  
 Refrigerator cabinet. J. L. Knight. 2,137,165; Nov. 15.  
 Refrigerator cabinet. J. L. Knight. 2,141,918; Dec. 27.  
 Refrigerator car. A. G. Bancroft. 2,120,345; June 14.  
 Refrigerator car. C. D. Bonsall. 2,136,999; Nov. 15.  
 Refrigerator car. J. H. Van Alsborg. 2,120,433; June 14.  
 Refrigerator car. F. M. Young. 2,137,555; Nov. 22.  
 Refrigerator car, Blanket insulated. G. P. Torburn. 2,111,707; Mar. 22.  
 Refrigerator car door. H. Fuchs. 2,141,353; Dec. 27.  
 Refrigerator car door. S. B. Haseltine. 2,108,224; Feb. 15.  
 Refrigerator car floor rack. V. E. Sisson. 2,121,269; June 21.  
 Refrigerator car floor rack. V. E. Sisson. 2,139,044; Dec. 6.  
 Refrigerator car, Railway. H. Giddings. 2,114,487; Apr. 19.  
 Refrigerator case. C. A. Spoerl. 2,116,803; May 10.  
 Refrigerator closure means. N. R. Tripp. 2,106,386; Jan. 25.  
 Refrigerator cold saver. G. Adams. 2,127,379; Aug. 16.  
 Refrigerator construction. P. Crosley, Jr., and K. H. Money. 2,116,619; May 10.  
 Refrigerator container. W. J. Madden. 2,123,678; July 12.  
 Refrigerator control. R. G. Phillips. 2,124,375; July 19.  
 Refrigerator control switch. E. C. Raney. 2,137,728; Nov. 22.  
 Refrigerator controller. F. J. Bast. 2,115,677; Apr. 26.  
 Refrigerator, Dehydrating and defrosting showcase. V. P. Warren. 2,128,386; Aug. 30.  
 Refrigerator display case. W. J. Drucker. 2,129,996; Sept. 13.  
 Refrigerator display case. W. A. Ellsworth and E. Swedman. 2,131,587; Sept. 27.  
 Refrigerator, Double wall. W. Jones. 2,135,181; Nov. 1.  
 Refrigerator evaporator and making same. C. Steenstrup. 2,137,861; Nov. 22.  
 Refrigerator for delicatessens. W. E. Cruse. 2,119,422; May 31.  
 Refrigerator freight car. K. Schwebs. 2,136,894; Nov. 15.  
 Refrigerator handling and moving device. F. De Gheselle. 2,108,477; Feb. 15.  
 Refrigerator, Household. C. W. Baker. 2,114,365; Apr. 19.  
 Refrigerator, Household. C. W. Baker. 2,122,675; July 5.  
 Refrigerator, Ice. C. F. Belshaw. 2,132,255; Oct. 4.  
 Refrigerator, Ice. C. E. H. Frykdahl. 2,118,185; May 24.  
 Refrigerator, Ice. C. E. H. Frykdahl. 2,141,270; Dec. 27.  
 Refrigerator latch. L. L. Anderson. 2,136,662; Nov. 15.  
 Refrigerator latch. C. W. Geske and G. E. DeVoe. 2,129,926; Sept. 13.  
 Refrigerator, Mechanical. G. L. Pownall. 2,132,879; Oct. 11.  
 Refrigerator mechanism. C. C. Spreen. 2,111,411; Mar. 15.  
 Refrigerator, Multiple compartment. L. J. Bronaugh and T. I. Potter. 2,141,459; Dec. 27.  
 Refrigerator or cooler, Portable. C. L. Tiefry. 2,137,705; Nov. 22.



- Refrigerator structure. L. G. Copeman. 2,114,996; Apr. 26.
- Refrigerator, Truck. W. E. Hauser. 2,106,637; Jan. 25.
- Refrigerator unit. W. A. Gebhardt and E. J. Radtke. 2,132,985; Oct. 11.
- Refrigerator vehicle. D. C. Arthurs and J. A. Guyer. 2,137,766; Nov. 22.
- Refrigerator, Water ice. C. E. Quinn. 2,122,752; July 5.
- Refuse disposal device for vacuum cleaner bags. A. N. Groom and A. J. Moore. 2,140,995; Dec. 20.
- Refuse incinerator. G. F. Hurt. 2,104,040; Jan. 4.
- Refuse receptacle. M. C. Maish. 2,112,465; Mar. 29.
- Refuse receptacle. L. Mongiello. 2,125,122; July 26.
- Refuse vehicle. M. Micheluzzi fu Leopold. 2,113,685; Apr. 12.
- Regenerative transmission system. R. Chilton. 2,118,590; May 24.
- Regenerative turbine pump. J. O. McMillan. 2,113,116; Apr. 5.
- Regenerators, Construction and operation of. F. H. Loftus. 2,109,542; Mar. 1.
- Register. C. W. Breen. 2,133,778; Oct. 18.
- Register. H. M. Fleming. 2,106,273; Jan. 25.
- Register. J. A. Germonprez. 2,135,810; Nov. 8.
- Register. G. H. Henrietta. 2,130,130; Sept. 13.
- Register. F. C. Oltrogge. 2,104,208; Jan. 4.
- Register. W. L. Paden and O. G. Saunders. 2,114,502; Apr. 19.
- Register. W. L. Paden and O. G. Saunders. 2,119,684; June 7.
- Register, accounting, and the like machines. Cash. E. Breitling. 2,116,779; May 10.
- Register, Adjustable. L. E. Heasley. 2,139,893; Dec. 13.
- Register, Air. H. L. Eckenroth. Re. 20,778; July 5.
- Register, Autographic. F. G. Diesbach. 2,110,828; Mar. 8.
- Register, Autographic. L. Jensen. 2,137,772; Nov. 22.
- Register, Autographic. C. L. Johnston. 2,119,232; May 31.
- Register, Autographic. C. Miller. 2,135,588; Nov. 8.
- Register, Autographic. W. C. and F. E. Pfeiffer. 2,108,564; Feb. 15.
- Register, Autographic. H. J. Waechter. 2,133,792; Oct. 18.
- Register, Autographic. H. J. Waechter. 2,140,487; Dec. 13.
- Register, Autographic. C. E. Wyrick. 2,133,522; Oct. 18.
- Register, Autographic. J. H. Yancey. 2,115,131; Apr. 26.
- Register, Cash. H. Barker-Bland. 2,108,400; Feb. 15.
- Register, Cash. E. Breitling. 2,111,909; Mar. 22.
- Register, Cash. E. Breitling and E. Wagner. 2,139,719; Dec. 13.
- Register, Cash. A. A. Dicke. 2,105,640; Jan. 18.
- Register, Cash. C. W. Green. 2,104,588; Jan. 4.
- Register, Cash. C. W. Green. 2,108,884; Feb. 22.
- Register, Cash. C. W. Green. 2,113,402; Apr. 5.
- Register, Cash. L. G. A. Kömmling. 2,121,967; June 28.
- Register, Cash. K. A. Lehmann and E. Breitling. 2,108,896; Feb. 22.
- Register, Cash. W. H. Robertson. 2,117,451; May 17.
- Register, Cash. B. M. Shipley. 2,105,673; Jan. 18.
- Register for gas meters, Pressure compensating. A. D. MacLean. 2,117,341; May 17.
- Register, Liquor dispenser. L. P. Barlow. 2,116,966; May 10.
- Register, Price. P. W. Waschau. 2,140,253; Dec. 13.
- Register, Running. J. L. Mayer. 2,110,272; Mar. 8.
- Register, Running. F. S. Shields. 2,121,104-5; June 21.
- Register, Side delivery autographic. L. Jensen. 2,112,671; Mar. 29.
- Register with preset printing mechanism. C. J. W. Willers. 2,138,287; Nov. 29.
- Register with preset trip mechanism. R. C. Bradley. 2,137,013; Nov. 15.
- Registering and recording mechanism. E. Wild. 2,138,480; Nov. 29.
- Registering apparatus. R. E. Pierce and F. R. Linda. 2,119,024; May 31.
- Registering apparatus for machines. W. A. Kennedy. 2,106,005; Jan. 18.
- Registering apparatus particularly applicable to totalizers. J. Handley. 2,124,697; July 26.
- Registering device. M. M. Hennessy. 2,127,295; Aug. 16.
- Registering device for use in making printing plates. C. E. Kohlberger. 2,111,914; Mar. 22.
- Registering device, Portable. J. Q. Sherman and A. A. Gopperton. 2,121,830; June 28.
- Registering mechanism. W. Bancroft and M. C. Indahl. 2,115,357; Apr. 26.
- Registering or recording device for weighing apparatus. W. A. van Berkel. 2,116,086; May 3.
- Registers, Apparatus for calibrating and proving. A. D. MacLean. 2,126,484; Aug. 9.
- Registration apparatus, Lateral. Y. A. E. Danielsson. 2,129,667; Sept. 6.
- Registration card holder. W. Wilson. 2,118,280; May 24.
- Regulatable vaporizing burner. W. C. Elze. 2,111,239; Mar. 15.
- Regulating apparatus. H. H. Gorrie. 2,141,464; Dec. 27.
- Regulating apparatus. J. F. Kovalsky. 2,121,601; June 21.
- Regulating apparatus. J. F. Kovalsky. 2,140,363; Dec. 13.
- Regulating apparatus. D. Santini and K. M. White. 2,128,056; Aug. 23.
- Regulating apparatus. L. G. Tubbs. 2,114,890; Apr. 19.
- Regulating apparatus. C. P. West, E. L. Harder, and L. L. Fountain. 2,117,866; May 17.
- Regulating apparatus and system. G. E. Atkins. 2,113,869; Apr. 12.
- Regulating device. B. M. Leece. 2,135,977; Nov. 8.
- Regulating device, Automatic. C. M. Dennis. 2,140,933; Dec. 20.
- Regulating device for centrifugal compressors. P. A. Bancel and P. Hoffman. 2,109,964; Mar. 1.
- Regulating device for internal combustion engines. M. L. Mennesson. 2,139,841; Dec. 13.
- Regulating device for noninductive loads, Slow magnetic. A. B. Rypinski. 2,131,758; Oct. 4.
- Regulating device for refrigerating apparatus. J. Kirgan. 2,130,549; Sept. 20.
- Regulating device for thermocompressors. J. Kirgan. 2,106,804; Feb. 1.
- Regulating means for current rectifying or converting apparatus. H. Forssell and H. Ofverholm. 2,128,771; Aug. 30.
- Regulating means for steam generating plants. K. Toensfeldt. 2,116,587; May 10.
- Regulating mechanism. D. H. Frazee. 2,140,954; Dec. 20.
- Regulating radiator valve. D. N. Crosthwait, A. J. Hesser, and J. H. Brennan. 2,114,139; Apr. 12.
- Regulating system. S. B. Griscom and H. C. Nycum. 2,114,838; Apr. 19.
- Regulating system. C. R. Hanna. 2,114,841; Apr. 19.
- Regulating system. E. L. Harder. 2,109,215; Feb. 22.
- Regulating system. R. P. Jutson. 2,118,246; May 24.
- Regulating valve, Gas. C. B. McElwaine. 2,122,987; July 5.
- Regulator. *See—*
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|----------------------------------|-------------------------------|
| Accuracy regulator.              | Record strip regulator.       |
| Battery charging regulator.      | Shower temperature regulator. |
| Boiler pressure regulator.       | Speed regulator.              |
| Brooder stove regulator.         | Step regulator.               |
| Contactless regulator.           | Temperature regulator.        |
| Damper regulator.                | Traffic regulator.            |
| Draft regulator.                 | Type regulator.               |
| Electric regulator.              | Valve and pressure regulator. |
| Electrical regulator.            | Valve regulator.              |
| Flow regulator.                  | Viscosity regulator.          |
| Fluid pressure regulator.        | Voltage regulator.            |
| Fuel regulator.                  | Water pressure regulator.     |
| Heat regulator.                  | Window regulator.             |
| Oven regulator.                  |                               |
| Pressure regulator.              |                               |
| Propeller blade pitch regulator. |                               |
- Regulator. A. J. Fisher. 2,137,607; Nov. 22.
- Regulator. A. B. Leyen. 2,135,010; Nov. 1.
- Regulator. G. K. O'Connor. 2,106,036; Jan. 18.
- Regulator. G. K. O'Connor. 2,125,949; Aug. 9.
- Regulator. G. K. O'Connor. 2,131,481; Sept. 27.
- Regulator. D. E. Truckess. 2,129,890; Sept. 13.
- Regulator. J. A. Widmer. 2,111,690; Mar. 23.
- Regulator adjusting mechanism. P. F. Hart. 2,129,763; Sept. 13.
- Regulator apparatus for X-ray machines. O. H. Pieper. 2,140,299; Dec. 13.
- Regulator for aircraft driving gears. P. E. Köster. 2,112,965; Apr. 5.
- Regulator for battery charging systems. A. Toelle. 2,136,716; Nov. 15.
- Regulator for carburetors, Fuel. P. Schüttler. 2,141,365; Dec. 27.
- Regulator for cotton linter hoppers, Feed. C. R. Carr. 2,141,512; Dec. 27.
- Regulator for deep boring equipments, Hydropneumatic scavenging pump. F. W. Koerver. 2,141,356; Dec. 27.
- Regulator for internal combustion engines, Temperature. J. V. Giesler. 2,137,136; Nov. 15.
- Regulator for the closing of two hinged parts. H. Smith. 2,122,162; June 28.
- Regulator for Venetian blinds. W. W. Lewis. 2,108,939; Feb. 22.
- Regulator system. R. D. Brown, Jr. 2,120,884; June 14.
- Reheater and superheater, Compensating. C. W. Gordon. 2,107,440; Feb. 8.
- Reinforcement. J. M. Bass. 2,105,280; Jan. 11.
- Reinforcement for glass block structures. C. H. Specht. 2,121,799; July 26.
- Reinforcement for plastic material. L. W. Cross. 2,116,668; May 10.
- Reinforcement for suspenders, Metal. H. Epstein. 2,128,041; Aug. 23.
- Reinforcement for the composition covering of structural members. D. H. Hayden. 2,112,598; Mar. 29.
- Reinforcing bar. F. A. Henderich. 2,113,228; Apr. 5.
- Reinforcing means for concrete structures. R. V. Ward. 2,128,062; Aug. 23.
- Relaxation apparatus. K. Schlesinger. 2,113,163; Apr. 5.
- Relaxer. E. D. and G. H. Brown. 2,140,310; Dec. 13.
- Relay. G. C. Armstrong. 2,111,543; Mar. 22.



- Relay. E. O. Blodgett. 2,135,490; Nov. 8.  
 Relay. L. S. Harrison. 2,113,617; Apr. 12.  
 Relay. W. K. Howe. 2,134,945; Nov. 1.  
 Relay. C. S. Knowlton and H. M. Spicer. 2,130,499; Sept. 20.  
 Relay. L. Lakatos. 2,126,562; Aug. 9.  
 Relay. W. D. MacGeorge. 2,108,775; Feb. 15.  
 Relay. O. T. McIlvaine. 2,129,855; Sept. 13.  
 Relay. M. R. Miller. 2,127,341; Aug. 16.  
 Relay. H. N. Wagar. 2,120,421; June 14.  
 Relay. H. N. Wagar. 2,137,607; Nov. 22.  
 Relay. H. Ziebolz. 2,132,338; Oct. 4.  
 Relay, Alternating current. M. A. Scheg. 2,134,956; Nov. 1.  
 Relay apparatus. W. D. Cockrell. 2,124,410; July 19.  
 Relay circuit. A. J. Busch. 2,107,746; Feb. 8.  
 Relay circuit. W. F. Kannenberg. 2,111,632; Mar. 22.  
 Relay circuit. H. Nyquist. 2,135,596; Nov. 8.  
 Relay circuit. H. O. Roosenstein. 2,115,881; May 3.  
 Relay, Electric. J. E. Carlson. 2,116,097-8; May 3.  
 Relay, Electrical. N. F. Agnew and B. Mishelevich. 2,137,747; Nov. 22.  
 Relay, Electrical. B. E. O'Hagan. 2,117,820; May 17.  
 Relay, Electrical. B. E. O'Hagan. 2,120,037; June 7.  
 Relay, Electromagnetic. O. Lühn. 2,115,865; May 3.  
 Relay for automobile lighting circuits. F. D. Kohmer. 2,105,756; Jan. 18.  
 Relay for fuel gauges. H. Mortier. 2,121,816; June 28.  
 Relay, Frequency responsive. W. D. Cockrell. 2,139,489; Dec. 6.  
 Relay, Interlocking. W. H. Claus. 2,132,528; Oct. 11.  
 Relay mechanism. A. C. Magrath. 2,118,258; May 24.  
 Relay mechanism, Fluid operated. G. Wünsch. 2,111,466; Mar. 15.  
 Relay, Photoelectric. C. G. Suits. 2,141,942; Dec. 27.  
 Relay, Slip frequency. F. H. Milliken. 2,104,664; Jan. 4.  
 Relay system. C. W. Latimer, J. L. Finch, and H. H. Beverage. 2,106,806; Feb. 1.  
 Relay system. A. J. McMaster. 2,113,737; Apr. 12.  
 Relay system. K. H. Sommermeyer. 2,114,862-3; Apr. 19.  
 Relay system for measuring the time of the continuous flow of an electric current. Y. Watanabe. 2,118,424; May 24.  
 Relay, Thermal. H. E. Ashworth. 2,114,895; Apr. 19.  
 Relay, Time delay. B. Piesker and W. Goy. 2,134,951; Nov. 1.  
 Relay, Tractive type. W. K. Howe and J. F. Merkel. 2,134,944; Nov. 1.  
 Releasable fastener. C. W. Hull and J. C. Hamill. 2,113,789; Apr. 12.  
 Release and holder for hair curlers. A. J. Brame. 2,112,138; Mar. 22.  
 Release mechanism for blasting cartridges, Indestructible. F. H. Armstrong. 2,122,706; July 5.  
 Release mechanism for blasting cartridges, Indestructible. L. D. Myers. 2,120,034; June 7.  
 Releasing gear. C. S. Lawton. 2,131,445; Sept. 27.  
 Relief and drain valve, Steam operated cylinder. E. P. O'Connor. 2,136,519; Nov. 15.  
 Relief condenser. H. Heine. 2,130,494; Sept. 20.  
 Relief valve. H. Allen. 2,141,835; Dec. 27.  
 Relief valve. P. B. Drake. 2,133,381; Oct. 18.  
 Relief valve. J. E. Dube. 2,112,665; Mar. 29.  
 Relief valve. I. I. Nelson. 2,137,882; Nov. 22.  
 Relief valve. A. G. Smith. 2,104,934; Jan. 11.  
 Relief valve. J. A. Tennant. 2,141,847; Dec. 27.  
 Remote control apparatus. H. C. Vantassel. 2,119,303; May 31.  
 Remote control device. H. Weber. 2,126,234; Aug. 9.  
 Remote control device for radio apparatus. A. G. Redmond. 2,117,574; May 17.  
 Remote control for direct current to alternating current circuits. W. W. Garstang. 2,115,163; Apr. 26.  
 Remote control indicator. H. E. Young. 2,131,084; Sept. 27.  
 Remote control mechanism. H. Schröder. 2,111,694; Mar. 22.  
 Remote control mechanism. E. H. White. 2,117,048; May 10.  
 Remote control mechanism. E. H. White and L. E. Turner. 2,139,052; Dec. 6.  
 Remote control, Nonhunting or dead beat. A. S. Riggs. 2,115,086; Apr. 26.  
 Remote control system. H. E. Butler. 2,125,765; Aug. 2.  
 Remote control system. P. H. Crago. 2,124,651; July 26.  
 Remote control system. J. F. Peters. 2,130,899; Sept. 20.  
 Remote control system. H. C. Vantassel. 2,106,990; Feb. 1.  
 Remote controlling apparatus. L. V. Lewis. 2,127,691; Aug. 23.  
 Remote controlling apparatus. C. S. Snively. 2,117,580; May 17.  
 Remote electric control system. H. J. Coates. 2,115,327; Apr. 26.  
 Remote indicating system. A. J. Peterson. 2,114,857; Apr. 19.  
 Remote indication apparatus. E. M. Allen. 2,131,208; Sept. 27.  
 Remote selection apparatus. A. E. Dodd. 2,141,060; Dec. 20.  
 Removable nose pad. T. E. Bosworth. 2,114,174; Apr. 12.  
 Renapping process. B. G. Feinberg. 2,107,528; Feb. 8.  
 Repeater system. A. E. Bachelet and S. Brand. 2,110,284; Mar. 8.  
 Repeater system, Negative impedance. H. Mouradian. 2,137,696; Nov. 22.  
 Repeated line system. K. C. Black. 2,111,007; Mar. 22.  
 Repeating meter. C. P. Griffith. 2,116,785; May 10.  
 Reprinter. G. W. Henry, Jr. 2,109,389; Feb. 22.  
 Reprinting and recopying machine and a method of obtaining printed copies from a mirror script original. Rotary. W. Ritzerfeld. 2,137,096; Nov. 15.  
 Reproduction apparatus. J. R. Jones, E. W. Stanger, and E. L. Krug. 2,112,049; Apr. 5.  
 Reproduction process. A. Carman and J. Chalot. 2,119,041; May 31.  
 Reservoir desk stand. N. D. Fish. 2,124,771; July 26.  
 Reservoir, Fuel. G. Levine. 2,140,018; Dec. 13.  
 Reservoir release valve. E. K. Lynn and W. S. Abraham. 2,121,548; June 21.  
 Reset mechanism for demand registers. R. O. Hamill. 2,123,943-4; July 19.  
 Resettable switch. H. E. Schleicher. 2,129,592; Sept. 6.  
 Residues from the roasting of the iron pyrites, Treating. I. De Vecchis. 2,119,270; May 31.  
 Resilient mounting. W. C. Keys. 2,138,175; Nov. 29.  
 Resilient mounting. C. E. Workman and L. M. Kubaugh. 2,132,840; Oct. 11.  
 Resilient pedal pad. W. J. Lutey. 2,107,486; Feb. 8.  
 Resilient support. E. F. Riesing. 2,115,672; Apr. 26.  
 Resilient support. E. F. Riesing. 2,128,733; Aug. 30.  
 Resilient support. C. E. Workman. 2,117,264; May 10.  
 Resin adapted for varnish making and making same, and coating compositions therefrom, Light-colored high-melting-point. J. B. Rust. 2,141,198; Dec. 27.  
 Resin and making same, Color stable oil-modified. J. B. Rust. 2,141,197; Dec. 27.  
 Resin and making same, Petroleum. E. H. Crawley. 2,114,796; Apr. 19.  
 Resin and making same, Phenolic acetaldehyde. J. B. Rust. 2,142,076; Dec. 27.  
 Resin and making same, Synthetic. T. Sutter. 2,118,482; May 24.  
 Resin and making the same, Synthetic. J. V. Hunn. 2,137,616; Nov. 22.  
 Resin and producing, Synthetic. I. W. Humphrey. 2,118,926; May 31.  
 Resin composition. P. M. Clark. 2,119,507; May 31.  
 Resin composition, Modified. B. M. Marks. 2,109,573; Mar. 1.  
 Resin composition, Pigmented synthetic. C. F. Silleck. 2,134,741; Nov. 1.  
 Resin composition, Synthetic. S. L. M. Saunders. 2,116,084; May 3.  
 Resin composition, Vinyl. A. K. Doolittle. 2,136,378; Nov. 15.  
 Resin, Dry powdered phenol. T. W. Dike. 2,120,549; June 14.  
 Resin film for coating barrels and similar articles. O. J. Hartwick. 2,111,395; Mar. 15.  
 Resin, Initially light colored phenol-acetaldehyde. J. B. Rust. 2,142,078; Dec. 27.  
 Resin, Manufacture of varnish base. M. J. Bonham. 2,126,242; Aug. 9.  
 Resin, Modified oil-soluble phenolic. P. E. Marling. 2,115,557; Apr. 26.  
 Resin, Polyvinyl acetal. R. H. Talbot. 2,129,450; Sept. 6.  
 Resin process, Hydrocarbon. M. H. Arveson. 2,123,872; Aug. 9.  
 Resin product and making same, Glass-clear synthetic. C. Ellis. 2,121,077; June 21.  
 Resin refining and polymerization simultaneously. J. N. Borglin. 2,120,015; June 7.  
 Resin sheets containing diphenyl ether. Polyvinyl acetal. H. B. Smith and D. R. Swan. 2,138,889; Dec. 6.  
 Resin, Soluble. C. M. Ross. 2,120,076; June 7.  
 Resin, Synthetic. J. H. Kelly, Jr. 2,123,605; July 12.  
 Resin, Synthetic. F. Lauter. 2,108,341; Feb. 15.  
 Resin, Synthetic. I. Rosenblum. 2,121,642; June 21.  
 Resin, Triethanolamine. C. Ellis. 2,106,522; Jan. 25.  
 Resinlike condensation-products. E. Schirm. 2,129,153; Sept. 6.  
 Resinous body and making same, Complex. C. Ellis. 2,106,523; Jan. 25.  
 Resinous composition. C. B. Hall, J. D. McBurney, and E. H. Nollau. 2,110,042; Mar. 1.  
 Resinous compositions. W. R. Marshall. 2,126,794; Aug. 16.  
 Resinous compositions. M. M. Safford. 2,136,253; Nov. 8.  
 Resinous compositions and making same. J. B. Bullitt Jr., and D. E. Edgar. 2,112,556; Mar. 29.  
 Resinous compositions and preparing same. R. W. Nordlander and M. C. Agens. 2,133,870; Oct. 18.  
 Resinous compositions from oxalic acid and polyhydric alcohols and making same. C. Ellis. 2,111,762; Mar. 22.  
 Resinous condensation products and making them, Phenol-terpene. H. Hönel and A. Zinke. 2,123,893; July 19.  
 Resinous esterification products of inner ethers and making same. K. R. Brown. 2,134,429; Oct. 25.  
 Resinous liquid composition. E. E. Novoty. 2,133,464; Oct. 18.



- Resinous material and producing it, Synthetic. I. W. Humphrey. 2,121,294; June 21.
- Resinous material and product, Preparing. G. L. Dorough. 2,127,248; Aug. 16.
- Resinous products and making same. W. Krumbhaar. 2,110,803; Mar. 8.
- Resinous products and making the same, Cast synthetic. R. M. Goepf. Jr. 2,111,622; Mar. 22.
- Resinous reaction products of inner ethers and natural resin acids and making the same. R. M. Goepf, Jr. 2,134,430; Oct. 25.
- Resinous reaction products of sulphur dioxide and olefines, Preparation of. L. H. Fitch, Jr. and F. E. Frey. 2,128,932; Sept. 6.
- Resinous reaction products of sulphur dioxide and olefins, Producing. L. H. Fitch, Jr., and F. E. Frey. 2,113,584; Apr. 12.
- Resinous reaction products, Producing. F. E. Frey and R. D. Snow. 2,112,986; Apr. 5.
- Resins and compositions containing them, Synthetic. P. Robinson. 2,123,206; July 12.
- Resins and fatty oils, Improving. H. Hönel. 2,139,081; Dec. 6.
- Resins and like plastic materials, Molding synthetic. C. C. Jacobson. 2,121,966; June 28.
- Resins and making same. R. Priester. 2,117,255; May 10.
- Resins and making same, Mixed polyvinyl. H. W. Matheson and G. O. Morrison. 2,116,635; May 10.
- Resins and making same, Molded infusible synthetic. A. Gams, G. Widmer, and K. Frey. 2,116,019; May 3.
- Resins and making same, Synthetic. T. Sutter. 2,127,894; Aug. 23.
- Resins and making same, Varnish. C. Ellis. 2,137,242; Nov. 22.
- Resins and preparation of same, Synthetic. J. Hyman. 2,116,499; May 10.
- Resins, Artificial. W. M. Quattlebaum. 2,124,630; July 26.
- Resins, Artificial. I. G. Wolf. 2,120,343; June 14.
- Resins, Bleaching alkylid. A. G. Hovey. 2,107,610; Feb. 8.
- Resins, Clarification of vinyl. M. C. Reed. 2,137,627; Nov. 22.
- Resins, Decolorizing. C. A. Thomas, F. J. Soday, and W. R. Derby. 2,115,564; Apr. 26.
- Resins from articles after impregnation, Removing surplus. P. C. P. and R. C. Booty. 2,118,036; May 24.
- Resins from m-phenylenediamine, Production of anion-exchange. W. H. Kirkpatrick. 2,106,486; Jan. 25.
- Resins, Hydrogenated. H. S. Holt. 2,130,800; Sept. 20.
- Resins, Hydrogenation of coumarone-indene. W. H. Carmody. 2,139,722; Dec. 13.
- Resins, Manufacture and use of synthetic. B. A. Adams and E. L. Holmes. 2,104,501; Jan. 4.
- Resins, Manufacture and use of synthetic. W. H. Moss. 2,123,249; July 12.
- Resins, Manufacture of artificial. W. Conrad. 2,122,089; June 28.
- Resins, Manufacture of synthetic. W. Heyn. 2,126,773; Aug. 16.
- Resins, Manufacture of synthetic. W. Kraus and W. Fisch. 2,110,489; Mar. 8.
- Resins, Manufacture of vinyl. M. Belloc. 2,105,208; Jan. 11.
- Resins, Nitrogen-containing. J. H. Balthis, Jr. 2,122,707; July 5.
- Resins, Preparation of. B. C. Bren. 2,122,277; June 28.
- Resins, Production of. A. B. Boese, Jr. 2,105,461; Jan. 18.
- Resins, Production of artificial. I. Kreidl. 2,113,485; Apr. 5.
- Resins, Production of hydrocarbon. T. F. Nealon. 2,119,957; June 7.
- Resins, Synthetic. L. E. Champer and L. M. Christensen. 2,109,466; Mar. 1.
- Resins, Synthetic. R. A. Jacobson. 2,121,697; June 21.
- Resins, Synthetic. H. S. Rothrock. 2,124,151; July 19.
- Resins, Synthetic. H. S. Rothrock. 2,132,442; Oct. 11.
- Resins, Tinted. W. H. Carmody. 2,104,829; Jan. 11.
- Resistance attenuator. M. Ferris. 2,131,101; Sept. 27.
- Resistance compound. S. Bloomenthal. 2,111,712; Mar. 22.
- Resistance device. A. H. Schafer. 2,114,458; Apr. 19.
- Resistance device, Pressure responsive. O. Svenson. 2,138,310; Nov. 29.
- Resistance device, Variable. N. C. Schellenger. 2,120,651; June 14.
- Resistance device, Variable. L. W. Thompson. 2,136,257; Nov. 8.
- Resistance element. G. M. Cooper. 2,120,930; June 14.
- Resistance element. H. F. Fruth. 2,134,870; Nov. 1.
- Resistance element. K. M. Lederer. 2,120,335; June 14.
- Resistance element and making same, Electric. R. G. Bridges. 2,122,604; July 5.
- Resistance unit and manufacture, Electrical. K. E. Roloffson. 2,119,292; May 31.
- Resistance unit, Electrical. L. F. Muter. 2,130,148; Sept. 13.
- Resistances, Manufacture of electrical. B. Long. 2,119,680; July 7.
- Resistivity meter. H. E. Blondeau. 2,141,590; Dec. 27.
- Resistor. C. A. Jagger. 2,106,604; Jan. 25.
- Resistor. H. C. Sherck. 2,122,160; June 28.
- Resistor and shunt switch, Combined. I. E. McCabe. 2,120,056; June 7.
- Resistor elements, Making. G. M. Ehlers. 2,134,752; Nov. 1.
- Resistor, Variable. H. G. Richter. 2,121,983; June 28.
- Resistor, Variable. H. G. Richter. 2,125,954; Aug. 9.
- Resonance, Apparatus for preventing. R. Rüdberg. 2,130,903; Sept. 20.
- Resonant system, High-frequency. A. Crossley and H. E. Meinema. 2,104,792; Jan. 11.
- Respiration apparatus. E. E. W. Anderson and G. K. V. Johanson. 2,121,311; June 21.
- Respirator. H. S. Cover. 2,106,795; Feb. 1.
- Respirator. H. S. Cover. 2,112,270; Mar. 29.
- Respirator. H. S. Cover. 2,120,230-1; June 14.
- Respirator. N. Schwartz. 2,111,995; Mar. 22.
- Respirator. W. A. Whipple. 2,142,064; Dec. 27.
- Respirator filter. R. Malcolm. 2,130,555; Sept. 20.
- Respirator, Filter type. N. Schwartz. 2,112,213; Mar. 22.
- Respirator, Filter type. N. Schwartz. 2,114,358; Apr. 19.
- Respirator, Filter type. N. Schwartz. 2,139,137; Dec. 6.
- Respiratory appliance. F. R. Davis. 2,133,345; Oct. 18.
- Respiratory device. W. P. Biggs. 2,104,016; Jan. 4.
- Rest. H. F. Wanamaker. 2,132,331; Oct. 4.
- Rest for grinding machines, Automatic steady. G. Crompton, Jr. 2,141,596; Dec. 27.
- Restraining device. J. C. Yokum. 2,139,710; Dec. 13.
- Restraining device for animals. R. Coe. 2,114,995; Apr. 26.
- Restraint device. O. K. Kjolseth. 2,111,428-9; Mar. 15.
- Resuscitator and inhalator, Combined. C. N. Erickson. 2,138,845; Dec. 6.
- Retainer for beer case covers. C. N. McGee. 2,113,486; Apr. 5.
- Retainer for expansion joint strips. V. Schiavi. 2,106,935; Feb. 1.
- Retainer for reel lagging. G. A. Gleason. 2,109,170; Feb. 22.
- Retainer means for brake hangers. M. S. Johnson. 2,121,249; June 21.
- Retainer with molded housing, Grease. R. O. Peterson. 2,114,908; Apr. 19.
- Retaining means. A. I. Lambert. 2,128,305; Aug. 30.
- Retaining means for furnace wall blocks. E. G. Bailey and R. M. Hardgrove. 2,113,569; Apr. 12.
- Retardation controller. B. S. Aikman. 2,110,692; Mar. 8.
- Retarding mechanism. W. T. Murden. 2,104,136; Jan. 4.
- Rethreading machine for restricted bores. I. H. Ihm and C. F. Tuttle. 2,135,339; Nov. 1.
- Retort. E. M. Blalock. 2,134,244; Oct. 25.
- Retort and apparatus for refining raw materials in solid, liquid, vapor and gaseous form, Special. C. P. Bratsianu. 2,138,321; Nov. 29.
- Retort and retort setting. C. E. Hawke. 2,126,325; Aug. 9.
- Retort for underfeed stokers. J. C. Bohmker. 2,123,397; July 12.
- Retort for vaporizing liquid fuel. J. W. Nelson. 2,127,267; Aug. 16.
- Retort structure. C. E. Harrison. 2,115,554; Apr. 26.
- Retractable landing gear. R. L. Levy. 2,109,427; Feb. 22.
- Retractable landing light. D. L. Bruner. 2,105,137; Jan. 11.
- Retractile landing gear. K. Heinrichsen. 2,116,395; May 3.
- Retriever. G. J. Dawn. 2,135,232; Nov. 1.
- Retriever for electric cords. E. E. Ehrlich. 2,108,111; Feb. 15.
- Retrieving mechanism. H. Bosch, Jr. 2,105,469; Jan. 18.
- Return bend. F. E. Key. 2,120,498; June 14.
- Return device for control members, Automatic. F. Freitag. 2,127,909; Aug. 23.
- Return trap. L. D. Goff. 2,108,854; Feb. 22.
- Revaporizer. L. J. White. 2,105,383; Jan. 11.
- Reverberation system, Synthetic. A. N. Goldsmith. 2,105,318; Jan. 11.
- Reversible fuel pump. M. W. Huber. 2,107,152; Feb. 1.
- Reversible motor. P. Van Sittert. 2,117,584; May 17.
- Reversible motor, Voltage sensitive. O. P. McCarty. 2,123,140; July 5.
- Reversible regenerative furnace. J. B. R. Brooke. 2,115,613; Apr. 26.
- Reversing and locking mechanism for spring motor toys. R. V. King. 2,131,877; Oct. 4.
- Reversing device. G. H. Lang. 2,107,705; Feb. 8.
- Reversing gear. J. S. Sharpe. 2,131,677; Sept. 27.
- Reversing gear. O. Solterbeck and J. Kreisinger. 2,122,541; July 5.
- Reversing mechanism. R. E. Annerén and B. Carlström. 2,127,102; Aug. 16.
- Reversing mechanism. R. R. Chappell and R. B. Colt. 2,116,142; May 3.
- Reversing mechanism, Hydraulically operated. W. J. Pearmain. 2,117,852; May 17.
- Reversing switch, Remote controlled electrical. W. Lohse. 2,127,414; Aug. 10.
- Reversing tool. V. C. Posey. 2,111,076; Mar. 15.
- Reverted drive automobile vehicle. J. Zimka. 2,134,387; Oct. 25.
- Revolution counting apparatus. L. P. Dorsett. 2,112,274; Mar. 29.



- Revolver. R. Barros. 2,113,822; Apr. 12.  
 Revolving chair. C. A. Purdy. 2,139,462; Dec. 6.  
 Revolving display stand. F. A. Cooper. 2,138,730; Nov. 29.  
 Revolving seat. T. D. Owler. 2,106,650; Jan. 25.  
 Revolving seat. V. Willoughby. 2,124,501; July 19.  
 Rewinder. S. W. Warner and L. B. Case. 2,141,629; Dec. 27.  
 Rewinding machine, Portable. O. I. Price. 2,132,698; Oct. 11.  
 Rheostat. H. W. Batcheller. 2,113,366; Apr. 5.  
 Rheostat. R. A. Beach. 2,134,323; Oct. 25.  
 Rheostat. A. B. Cadman. 2,104,020; Jan. 4.  
 Rheostat. K. Howe. 2,127,083; Aug. 16.  
 Rheostat. H. G. Richter. 2,118,267; May 24.  
 Rheostat. N. C. Schellenger. 2,111,810; Mar. 22.  
 Rheostat. C. R. Schenk. 2,117,257; May 10.  
 Rheostat for an electrical battery indicator. B. H. Campbell. 2,125,219; July 26.  
 Rheostat, Interposed disk. N. C. Schellenger. 2,137,812; Nov. 22.  
 Rheostat, Regulator. E. L. Harder. 2,109,214; Feb. 22.  
 Rheumatic and arthritic conditions, Apparatus for the treatment of. B. C. Woodruff. 2,131,360; Sept. 27.  
 Rib setting and trimming machine. P. W. Valentine. 2,105,063; Jan. 11.  
 Rib warp frame. H. Wirth. 2,113,525; Apr. 5.  
 Ribbon feed mechanism. B. Beria. 2,118,963; May 31.  
 Ribbon feed mechanism. H. N. Deane and J. A. Dell. 2,122,518; July 5.  
 Ribbon feeding mechanism. J. F. Leventhal and S. Bagno. 2,107,039; Feb. 1.  
 Ribbon mechanism for recording apparatus. A. Ruttiman. 2,126,347; Aug. 9.  
 Ribbon mechanism, Two-color. L. M. Potts. 2,107,044; Feb. 1.  
 Ribbon pack. W. Harris, Jr. 2,124,063-4; July 19.  
 Ribbon shift mechanism. E. G. Watkins and J. A. Dell. 2,135,156; Nov. 1.  
 Ribbon speeds and of producing composite ribbons, Synchronizing. R. E. Hanson and G. O. Frostad. 2,139,633; Dec. 6.  
 Ribbons, Manufacture of inked. F. A. Waldron. 2,137,256; Nov. 22.  
 Ribbons to spools, Device for anchoring inking. C. J. Hueber. 2,104,746; Jan. 11.  
 Ride stabilizer. R. S. Jones. 2,126,642; Aug. 9.  
 Riffle. J. F. Guest. 2,106,027; Jan. 18.  
 Riffle block. C. B. Ulrich. 2,138,313; Nov. 29.  
 Riffe. R. M. Catron. 2,129,648; Sept. 13.  
 Riffe. N. H. Price. 2,119,441; May 31.  
 Rife, Bolt action. V. J. King. 2,123,111; July 5.  
 Rife, Electric eye. J. E. Vivaudou. 2,139,530; Dec. 6.  
 Rig for sail boats. F. Ljungström. 2,107,303; Feb. 8.  
 Rig for sailboats and vessels. J. T. Rowland. 2,126,665; Aug. 9.  
 Rig, Logging. C. Torner. 2,121,134; June 21.  
 Riggings. G. F. Krausse. 2,111,895; Mar. 22.  
 Rim, Adjustable. L. O. Grange. 2,124,345; July 19.  
 Rim, Circumferentially divided wheel. W. J. Cox. 2,106,421; Jan. 25.  
 Rim, Demountable. E. Ramirez. 2,123,025; July 5.  
 Rim, Expandable and contractible. J. B. Moricle. 2,133,036; Oct. 11.  
 Rim for vulcanizing molds, Adjustable. H. Taylor. 2,115,349; Apr. 26.  
 Rim, Metal wheel. F. W. Schwin. 2,126,222-3; Aug. 9.  
 Rim release oil clutch. R. H. Kress. 2,122,067; June 28.  
 Rim structure, Wheel and tire. W. S. Brink. 2,135,482; Nov. 8.  
 Rim, Tire. W. S. Brink. 2,117,238; May 10.  
 Rim, Tire. J. C. Heintz. 2,124,111; July 19.  
 Rim, Tractor wheel. M. A. Lare. 2,122,720; July 5.  
 Rims of non-symmetrical cross-sectional contour, Forming. F. H. Le Jeune and J. E. Copeland. 2,139,833; Dec. 13.  
 Ring: See—  
     Adjustable finger ring. Oil ring.  
     Cigarette ring. Oil seal ring.  
     Clamping ring. Packing ring.  
     Crochet ring. Pipe joint seal ring.  
     Demountable ring. Piston ring.  
     Draft tube throat ring. Pleated packing ring.  
     Finger ring. Ringing ring.  
     Inner piston ring. Sealing ring.  
     Key ring. Twin finger ring.  
 Ring and making same. Clamping. W. Lockhart. 2,126,966; Aug. 16.  
 Ring and making the same, Finger. R. E. Richter. 2,105,227; Jan. 11.  
 Ring and traveler therefor, Spinning. H. E. Herr. 2,141,472; Dec. 27.  
 Ring bending mechanism. G. C. Minister. 2,141,010; Dec. 20.  
 Ring binder mechanism. J. Schade. 2,105,235; Jan. 11.  
 Ring binders, Manufacture of. P. A. Bramo. 2,117,242; May 10.  
 Ring buoy and making the same. R. J. and J. H. Driscoll. 2,105,110; Jan. 11.  
 Ring combination. H. C. Boyd. 2,119,039; May 31.  
 Ring ensemble, Finger. R. B. and N. Keechel. 2,117,176; May 10.  
 Ring for automobiles, Horn. G. E. Peters and L. E. Russell. 2,131,542; Sept. 27.  
 Ring for hot tops, Bottom. W. M. Charman. 2,129,821; Sept. 13.  
 Ring for packaging. R. C. Ingersoll. 2,119,745; June 7.  
 Ring for use in a spinning frame. N. Kobayashi. 2,128,614; Aug. 30.  
 Ring forming machine and method. D. M. Solenberger. 2,111,574; Mar. 22.  
 Ring, Method of assembling an oil seal. W. Novey and J. C. Tromba. 2,120,113; June 7.  
 Ring or the like, Finger. J. H. White and A. Fitzner. 2,108,324; Feb. 15.  
 Ring, pin, or other ornament and its manufacture, Composite insignia pressed metal. F. Whitaker. 2,140,396; Dec. 13.  
 Ring plate valve. J. H. H. Voss. 2,124,323; July 19.  
 Ring rolling press. H. Köhler. 2,128,651; Aug. 30.  
 Ring traveler. S. Tour. 2,108,027; Feb. 8.  
 Ring traveler. P. C. Wentworth. 2,121,647; June 21.  
 Ring traveler for spinning machines. E. S. Kempton. 2,116,071; May 3.  
 Ring unit, Closing and reenforcing. R. S. Rheem. 2,108,944; Feb. 22.  
 Ringlet-forming implement for hair wavists. C. Choquette. 2,134,030; Oct. 25.  
 Ringlet setting implement. V. Beraci. 2,121,467; June 21.  
 Rings and blank therefor, Making finger. W. E. Wood. 2,120,320; June 14.  
 Rings and grinding cylinders from emery and a binding medium of raw rubber, Production of grinding. H. Randall. 2,113,142; Apr. 5.  
 Rings, Apparatus for and method of producing split wire. A. Stenwall. 2,128,437; Aug. 30.  
 Rings, Making bimetallic finger. W. E. Eccles. 2,133,918; Oct. 18.  
 Rings, Making finger. W. E. Eccles. 2,113,442; Apr. 5.  
 Rings, Making metal. T. G. Monahan. 2,130,324; Sept. 13.  
 Rings, Treating piston. G. J. Deeb. 2,125,606; Aug. 2.  
 Rinsing and wringing machine. R. Pribyl. 2,119,686; June 7.  
 Riot lock. W. Hasenfuss. 2,104,618; Jan. 4.  
 Ripper. R. M. Davenport. 2,128,602; Aug. 30.  
 Rivet. G. K. E. Kleberg. 2,118,561; May 24.  
 Rivet and burr. F. R. White. 2,133,220; Oct. 11.  
 Rivet and rivet setting. L. C. Huck. 2,114,493; Apr. 19.  
 Rivet package. H. N. Hill. 2,132,296; Oct. 4.  
 Rivet, Self-clinching. L. J. Bazzoni. 2,108,842; Feb. 22.  
 Rivet, Self-locking. J. L. Green. 2,132,950; Oct. 11.  
 Rivet setting mechanism. L. C. Huck. 2,132,113; Oct. 4.  
 Riveter, Portable hydraulic. A. F. Macconochie. 2,139,639; Dec. 6.  
 Riveting apparatus. R. S. Osborne. 2,113,161; Apr. 5.  
 Riveting device. H. M. Johnston. 2,109,067; Feb. 22.  
 Riveting machine. J. Gualtiere. 2,127,357; Aug. 16.  
 Riveting machine. W. E. Marchant. 2,131,688; Sept. 27.  
 Riveting machine. P. Van Sittert. 2,140,658; Dec. 20.  
 Riveting mechanism. L. C. Huck. 2,132,112; Oct. 4.  
 Rivets and the like, Method of and apparatus for making. R. J. Freter. 2,114,420; Apr. 19.  
 Rivets from structures, Apparatus for removing. J. W. Ames. 2,132,593; Oct. 11.  
 Road and rail vehicle, Combined. C. Gross. 2,116,786; May 10.  
 Road and rail vehicle, Combined. D. W. Main. 2,110,230; Mar. 8.  
 Road and rail vehicle, Combined. S. M. Nampa. 2,116,797; May 10.  
 Road and railway car. G. T. Ronk. 2,138,043; Nov. 29.  
 Roadbed, Railway. P. Jarnowski. 2,133,227; Oct. 11.  
 Road building and reclamation machine. F. Cluster. 2,140,105; Dec. 13.  
 Road expansion joint. R. R. Robertson. 2,130,859; Sept. 20.  
 Road grading machine. M. F. Allen. 2,128,889; Sept. 6.  
 Road joint. J. H. Jacobson. 2,138,817; Dec. 6.  
 Road machine. C. A. Gustafson. 2,109,793-4; Mar. 1.  
 Road machine. C. A. Gustafson. 2,113,941; Apr. 12.  
 Road maintenance machine. C. G. Anderson. Re. 20,726; May 17.  
 Road making machine. F. L. Carswell. 2,134,245; Oct. 25.  
 Road marking device. G. S. Marshall. 2,130,356; Sept. 20.  
 Road marking machine. W. S. Nissly. 2,116,407; May 3.  
 Road paving machine. E. B. Jorgensen. 2,138,103; Nov. 29.  
 Road roller. A. W. Aitken. 2,114,069; Apr. 12.  
 Road rolling machine. G. E. Trembley. 2,132,059; Oct. 4.  
 Road structure. E. M. Stanley. 2,123,480; July 12.  
 Road surface and paving blocks for forming such surface. J. P. Fagan. 2,138,270; Nov. 29.  
 Road surface treating machine. F. L. Carswell. 2,138,904; Dec. 6.  
 Road surfacing product. P. M. A. Léauté. 2,113,794; Apr. 12.  
 Roadway construction. W. R. Malone. 2,116,033; May 3.  
 Roadway inspecting means. J. A. Drain, Jr., and W. M. Perry. 2,136,913; Nov. 15.  
 Road working device. J. F. Harrison and H. B. Crum. 2,130,274; Sept. 13.  
 Road working machine. M. M. Spencer. 2,114,434; Apr. 19.



- Roads and pavements, Reconditioning. G. H. Hill, Jr. 2,125,785; Aug. 2.
- Roads, Making concrete. A. Holter. 2,106,117; Jan. 18.
- Roaster. A. P. Hughes. 2,131,663; Sept. 27.
- Roaster and the like, Wiener. H. Westberg and R. F. Olson. 2,136,658; Nov. 15.
- Roaster, Automatic. H. C. A. Behr and J. J. Eck. 2,105,778; Jan. 18.
- Roaster, Automatic. J. K. Woolsey and F. W. Carpenter. 2,141,586; Dec. 27.
- Roasting method and apparatus. W. G. Burns. 2,129,673; Sept. 13.
- Robe for motor vehicles, Lap. G. B. Oliver. 2,107,493; Feb. 8.
- Rock and rye, Manufacture of. J. Kaplan. 2,104,304; Jan. 4.
- Rock and stone, Method of and apparatus for quarrying and shaping. W. C. Rea. 2,111,872; Mar. 22.
- Rock bit. A. C. Catland. 2,122,808; July 5.
- Rock core drill head. J. H. Howard and A. C. Catland. 2,117,481; May 17.
- Rock crushing machine. J. Corser. 2,117,300; May 17.
- Rock drill. G. H. Fuehrer. 2,138,915; Dec. 6.
- Rock drill. E. C. Gartin. 2,115,911; May 3.
- Rock drill. E. G. Gartin. 2,125,287; Aug. 2.
- Rock drill. E. G. Gartin. 2,128,934-5; Sept. 6.
- Rock drill. E. G. Gartin. 2,130,982; Sept. 20.
- Rock drill. G. C. Pearson. 2,115,231; Apr. 26.
- Rock drill. W. C. Rea. 2,118,524; May 24.
- Rock drill joint. H. H. Des Roches. 2,107,238; Feb. 1.
- Rock drilling mechanism. E. G. Gartin. 2,108,058; Feb. 15.
- Rock drilling mechanism. C. F. Osgood. 2,111,033; Mar. 15.
- Rock or earth drill bit. J. P. Cunningham. 2,107,286; Feb. 8.
- Rock sampling method. V. V. Vacquier. 2,140,097; Dec. 13.
- Rock wool preparations, Making. W. E. Carson. 2,127,287; Aug. 16.
- Rocker and rotating toy device, Twin. A. Szabo. 2,104,442; Jan. 4.
- Rocket, Aerial. A. Horak. 2,138,168; Nov. 29.
- Rocket engine. C. R. Cummings. 2,124,462; July 19.
- Rocking device, Vehicle. J. A. Catalano. 2,141,639; Dec. 27.
- Rod: See—
- Conduit rod. Geared connecting rod.
  - Connecting rod. Polish rod.
  - Curtain rod. Take-up rod.
  - Fishing rod. Weld rod.
  - Gauge rod. Welding rod.
- Rod aligner, Connecting. G. M. Graham. 2,137,484; Nov. 22.
- Rod and combined coupling and torsion joint therefor, Sucker. R. P. Simmons. 2,133,050; Oct. 11.
- Rod and manufacturing the same, Sucker. F. F. Bayless. 2,119,698; June 7.
- Rod cleaner. G. E. Slangenhop. 2,126,671; Aug. 9.
- Rod cleaning machine. J. J. Caugherty. 2,117,651; May 17.
- Rod coiling apparatus. L. N. McDonald. 2,132,573; Oct. 11.
- Rod connector, Ground. M. F. Pierce. 2,107,835; Feb. 8.
- Rod coupling. H. R. Crane. 2,110,202; Mar. 8.
- Rod coupling. G. E. Neuberth. 2,114,127; Apr. 12.
- Rod fitting, Ground. S. W. Borden. 2,122,546; July 5.
- Rod grip, Polished. C. L. Deckard. 2,132,781; Oct. 11.
- Rod into lengths, Apparatus for severing an axially moving. F. F. Ruau. 2,140,720; Dec. 20.
- Rod line carrier. R. D. Hill. 2,121,694; June 21.
- Rod line coupling. J. D. Leonard and E. S. Shreve. 2,115,638; Apr. 26.
- Rod line pick-up tool. W. D. Harvey and L. C. Marshall. 2,133,893; Oct. 18.
- Rod mechanism for radial engines or pumps, Masterless connecting. B. Kahn. 2,122,745; July 5.
- Rod shaped bodies, Apparatus for feeding. F. Werner. 2,135,777; Nov. 8.
- Rod weeder. C. F. Bloom. 2,135,382; Nov. 1.
- Rodless pump. W. N. Huff. 2,118,307; May 24.
- Rodless pump. W. N. Huff. 2,123,139; July 5.
- Rods and wire, Treating. R. E. Cramer. 2,118,168; May 24.
- Rods, Apparatus for continuous casting of metal. S. Junghans. 2,135,184; Nov. 1.
- Rods, Making ornamental plastic. J. H. Clewell. 2,122,246; June 28.
- Rods or like reciprocating members, Varying the stroke of pump. E. F. N. McGauchie. 2,135,011; Nov. 1.
- Rods or poles, Device for holding a fishing. D. H. Peterson. 2,130,650; Sept. 20.
- Rods, Stretching metal. A. H. Borwick. 2,130,538; Nov. 15.
- Rodent and animal trap. F. D. Stemen. 2,126,512; Aug. 9.
- Röntgen apparatus. C. Niemann and K. Bischoff. 2,123,793; July 12.
- Röntgen apparatus, Rotary. K. Bischoff, C. Niemann, and H. Wüsch. 2,132,673; Oct. 11.
- Röntgenograms, Identifying. F. T. Powers. 2,120,074; June 7.
- Roll. J. S. Tatnall. 2,120,875; June 14.
- Roll adjusting means for grain milling machines. A. Frérotte. 2,131,277; Sept. 27.
- Roll adjusting means, Forging. W. W. Criley. 2,130,069; Sept. 13.
- Roll and cylinder mold and making same, Dandy. P. S. Sinclair. 2,117,217; May 10.
- Roll and cylinder mold and making same, Dandy. P. S. Sinclair. 2,117,222; May 10.
- Roll, Bowed expander. C. W. Shute. 2,131,692; Sept. 27.
- Roll changer for printing presses. B. C. White. Re. 20,912; Nov. 8.
- Roll, Cleaning. P. J. Massey, W. F. Thiele, and B. F. Raprager. 2,106,104; Jan. 18.
- Roll clearer for textile machines, Bottom. N. O. Petrea. 2,126,500; Aug. 9.
- Roll clearer, Top. H. T. Davis. 2,111,966; Mar. 22.
- Roll, Compression. E. Cannity. 2,138,397; Nov. 29.
- Roll construction, Venetian blind ladder-web. J. A. Hendley. 2,134,918; Nov. 1.
- Roll dumping device for cotton gins. J. A. Streun. 2,137,744; Nov. 22.
- Roll for developing machine for films and the like, Adjustable drive. A. L. V. C. Debie. 2,120,735; June 14.
- Roll for ironers, Multispeed. J. W. Jensen. 2,124,977; July 26.
- Roll for lithographing presses, Damping. F. Backofen. 2,117,593; May 17.
- Roll for paper making machines and making same, Press. R. E. Cleveland. 2,114,072; Apr. 12.
- Roll for polishing machines, Work supporting. A. J. Sandorff. 2,115,217; Apr. 26.
- Roll-forming machine. R. M. Frame. 2,134,914; Nov. 1.
- Roll grinding machine. C. G. Flygare. 2,132,941; Oct. 11.
- Roll grinding machine. H. J. Griffing. 2,108,310; Feb. 15.
- Roll grinding machine. E. Hutchens. 2,106,215; Jan. 25.
- Roll grinding machine and method. C. A. Fox. 2,115,908; May 3.
- Roll lift stand. H. B. Greenwood. 2,130,233; Sept. 13.
- Roll, Multi-ply manifolding. S. H. Linderman. 2,131,380; Sept. 27.
- Roll of adhesive strip. O. Herrmann and P. Müller. 2,119,163; May 31.
- Roll package, Toilet. P. D. Parsons. 2,105,368; Jan. 11.
- Roll, Pin feed platen. J. Q. Sherman. Re. 20,888. Oct. 18.
- Roll, Printing. H. F. Gundlach. 2,114,378; Apr. 19.
- Roll rack. C. H. Smith. 2,135,540; Nov. 8.
- Roll, Rolling mill. W. J. Merten. 2,115,465; Apr. 26.
- Roll roofing fastener. H. M. Naze. 2,139,279; Dec. 6.
- Roll, Sectional. H. S. Crysler and R. J. Wilkie. 2,107,471; Feb. 8.
- Roll, Smoothing. O. W. Fromm. 2,138,094; Nov. 29.
- Roll, Suction. E. E. Berry, L. Hornbostel, and J. E. Goodwillie. 2,107,812; Feb. 8.
- Roll surfaces, Device for roughening. G. H. Frank. 2,121,959; June 28.
- Roll tape container. S. J. Ellenburg. 2,107,603; Feb. 8.
- Roll top box. J. H. Horsley. 2,107,997; Feb. 8.
- Roll type drier. A. O. Hurxthal. 2,135,516; Nov. 8.
- Roll, Unhairing. M. K. Oczko. 2,121,925; June 28.
- Roll, Veneer. A. L. Freedlander and J. Rockoff. 2,113,724; Apr. 12.
- Roll, Work treating. R. F. Whitney. 2,137,372; Nov. 22.
- Roll wrapping machine. P. D. Parsons. 2,110,814-15; Mar. 8.
- Roller: See—
- Road roller.
- Roller. F. Hoffmann. 2,112,095; Mar. 22.
- Roller. D. M. Rapport. 2,119,491; May 31.
- Roller adjustment for presses. W. Gegenheimer. 2,111,662; Mar. 22.
- Roller aligner. K. L. Herrmann. 2,138,601; Nov. 29.
- Roller and transporting same, Road. B. Moore, Jr. 2,134,884; Nov. 1.
- Roller attachment for road vehicles, Trench. C. F. Grelner and A. W. Aitken. 2,120,745; June 14.
- Roller bearer for printing machines. J. W. Johnson. 2,107,117; Feb. 1.
- Roller bearing. P. J. Ernst. 2,118,760; May 24.
- Roller bearing. J. Fisher. 2,117,877; May 17.
- Roller bearing. A. H. Oelkers. 2,124,953; July 20.
- Roller bearing. P. G. Palmgren. 2,125,648; Aug. 2.
- Roller bearing. R. P. Proffitt. 2,118,767; May 24.
- Roller bearing. H. R. Slusser. 2,106,127; Jan. 18.
- Roller bearing, Cushioned. E. G. Boden. 2,141,122; Dec. 20.
- Roller bearing, Double row. J. B. Baker. 2,128,668; Aug. 30.
- Roller bearing, Double row. F. R. Heck. 2,141,136; Dec. 20.
- Roller bearing, Double row. H. R. Slusser and J. B. Baker. 2,128,683; Aug. 30.
- Roller bearing, Multiple-row taper. J. B. Baker and H. R. Slusser. 2,130,258; Sept. 13.
- Roller bender, Portable. F. A. Price. 2,125,088; Aug. 1.
- Roller bit. H. C. Smith and J. T. Phipps. 2,132,408; Oct. 11.
- Roller boring drill. R. W. Schlumpf and R. P. Sherman. 2,104,819; Jan. 11.



- Roller brace for shaker conveyers, Adjustable. L. E. Jarrett. 2,141,439; Dec. 27.
- Roller coaster, Whipping. A. Pfau. 2,136,019; Nov. 8.
- Roller construction, Spring. F. May. 2,110,048; Mar. 1.
- Roller conveyor. A. M. Hahn. 2,107,822; Feb. 8.
- Roller conveyor. E. Piquerez. 2,110,942; Mar. 15.
- Roller cutter mounting. A. C. Catland and P. C. Efronson. 2,128,401; Aug. 30.
- Roller cutter mounting. J. B. Ragsdale. 2,109,909; Mar. 1.
- Roller feed mechanism for roller bearing assembling machines. A. F. Rehnberg. 2,105,929; Jan. 18.
- Roller feeding device. J. Uytenbogaart. 2,129,284; Sept. 6.
- Roller for conveyor furnaces. J. Fallon. 2,135,175; Nov. 1.
- Roller for sweeping machines. Guard. B. B. White and C. H. Young. 2,109,123; Feb. 22.
- Roller for the manufacture of lenticular film, Engraving. J. Eggert and F. Weil. 2,115,198; Apr. 26.
- Roller for tube-winding machines, Forming. A. C. Huston. 2,130,586; Sept. 20.
- Roller gate. C. R. Martin. 2,132,307; Oct. 4.
- Roller grip wrench. E. C. Freher. 2,119,622; June 7.
- Roller, Hydraulic mat. T. H. Mars and H. C. Behrens. 2,133,750; Oct. 18.
- Roller leveler machine. E. B. Fernberg. 2,141,151; Dec. 20.
- Roller lubrication, Friction transmission. W. T. Murden. 2,132,751; Oct. 11.
- Roller mill. J. W. Kent and E. P. Peters. 2,105,192; Jan. 11.
- Roller mill. Gravity impact. H. J. M. von Gernet. 2,118,628; May 24.
- Roller operating means, Shade. S. W. Paige. 2,114,568; Apr. 19.
- Roller polishing machine. J. R. Keller. 2,119,862; June 7.
- Roller rack. R. A. and J. C. Kidwell. 2,122,322; June 28.
- Roller reefing gear. B. Tamm. 2,119,475; May 31.
- Roller, Road. A. Hamm. 2,132,107; Oct. 4.
- Roller, Road. B. Moore, Jr. 2,134,883; Nov. 1.
- Roller, Road. C. A. Owens, F. L. White, and E. I. Beicher. 2,127,485; Aug. 16.
- Roller rock bit. A. C. Catland. 2,111,752; Mar. 22.
- Roller screen. L. F. Julien. 2,126,782; Aug. 16.
- Roller skate brake. T. R. Goettie. 2,140,955; Dec. 20.
- Roller skate clamp. I. Jaffee. 2,116,204; May 3.
- Roller thrust bearing. C. H. Smith. 2,117,633; May 17.
- Roller wear compensator, Feed and separator. F. J. Rouan. 2,140,171; Dec. 13.
- Roller wear compensator, Separator. F. J. Rouan. 2,140,170; Dec. 13.
- Rollers, Attachment for road. F. D. Wilson and L. S. Burns. 2,114,412; Apr. 19.
- Rollers, Cooling transmission. J. O. Almen. 2,131,159; Sept. 27.
- Rollers for fluid meters, Making thrust. C. Bachmann. 2,129,257; Sept. 6.
- Rolling mill. P. Barth. 2,120,539; June 14.
- Rolling mill. L. Iversen. 2,119,390; May 31.
- Rolling mill. A. Norton. 2,125,686; Aug. 2.
- Rolling mill. H. Puppe. 2,121,929; June 28.
- Rolling mill. H. Schuster. 2,137,100; Nov. 15.
- Rolling mill. H. H. Talbot. 2,140,929; Dec. 20.
- Rolling pin for rolling and aerating dough. F. C. Hunt. 2,139,825; Dec. 13.
- Rolling under controlled tension, Reversible. E. B. Hudson. 2,118,560; May 24.
- Rolling under controlled tension, Reversible. E. B. Hudson. 2,124,880; July 26.
- Rolls, Apparatus for cutting grooved. H. Becker. 2,109,454; Mar. 1.
- Rolls, Covering perforated. G. C. Thackray. 2,115,543; Apr. 26.
- Rolls, Grinding tapered. T. Zimmerman. 2,132,280; Oct. 4.
- Rolls in a printing machine, Renewing web. A. J. Horton. 2,110,976; Mar. 15.
- Rolls, Manufacturing compound. H. Gontermann and F. Kühn. 2,129,683; Sept. 13.
- Rolls, Means for casting. H. Mueller and H. E. Walters. 2,104,906; Jan. 11.
- Rolls of dough, Apparatus for twisting. H. J. Criner. 2,115,572; Apr. 26.
- Roof. W. Colvin, Jr. 2,140,220; Dec. 13.
- Roof. D. F. Fradette. 2,129,833; Sept. 13.
- Roof. E. R. Shattuck. 2,129,288; Sept. 6.
- Roof and floor block. C. L. Sanford. 2,104,356; Jan. 4.
- Roof and gable construction for toy buildings. N. I. Paulson. 2,125,580; Aug. 2.
- Roof, Car. C. D. Bonsall. 2,120,349-50; June 14.
- Roof, Car. P. E. Finger. 2,120,354; June 14.
- Roof, Car. D. W. Hawksworth. 2,109,920; Mar. 1.
- Roof, Car. D. W. Hawksworth. 2,112,809; Mar. 29.
- Roof, Car. E. R. Swanson. 2,128,621; Aug. 30.
- Roof, Car. W. D. Thompson. 2,131,200; Sept. 27.
- Roof, Combined breather and pressure. L. A. Wilkin. 2,114,513; Apr. 19.
- Roof construction. H. W. Davey. 2,121,789; June 28.
- Roof construction. A. J. Deniston, Jr., and E. D. Tripp. 2,111,410; Mar. 15.
- Roof construction. W. E. S. Strong. 2,106,140; Jan. 18.
- Roof construction. J. A. Topping. 2,106,396; Jan. 25.
- Roof construction. D. A. Wallace. 2,136,718; Nov. 15.
- Roof construction, System of. A. H. Tashjian. 2,114,362; Apr. 19.
- Roof container. N. M. Loney, W. E. Van Berg and O. Ferguson. 2,129,951; Sept. 13.
- Roof decking. W. M. Goldsmith. 2,118,191; May 24.
- Roof, Detachable car. J. J. Tatum. 2,132,328; Oct. 4.
- Roof, Double layer cardboard. P. Sattig. 2,125,694; Aug. 2.
- Roof edge construction. T. W. Richter. 2,123,967; July 19.
- Roof flashing and retaining means therefor. W. H. C. Ness. 2,134,275; Oct. 25.
- Roof for silos and the like. P. Rutten. 2,112,348; Mar. 29.
- Roof for the cockpits of aircraft, Removable. R. Saulnier. 2,125,752; Aug. 2.
- Roof for vehicle bodies, Opening. W. H. Bishop. 2,132,228; Oct. 4.
- Roof for vehicles, Sliding. W. H. Bishop. 2,117,598; May 17.
- Roof for vehicles, Sliding. W. H. Bishop. 2,122,712; July 5.
- Roof gauge. C. O. Magenheimer. 2,138,551; Nov. 29.
- Roof hatch. W. A. Davis. 2,137,751; Nov. 22.
- Roof joint, Metal. E. S. Copeland. 2,127,392; Aug. 16.
- Roof, Silo. C. A. Bangert. 2,135,437; Nov. 1.
- Roof structure. J. S. Edison. 2,130,419; Sept. 20.
- Roof structure. C. L. McGee. 2,109,673; Mar. 1.
- Roof structure. R. E. Sadler. 2,109,447; Feb. 22.
- Roof structure and material. H. H. Doe. 2,134,034; Oct. 25.
- Roof structure, Car. J. J. Tatum. 2,106,988; Feb. 1.
- Roof structure, Expansion providing. H. A. Faber. 2,133,088; Oct. 11.
- Roof structure for tents, cabanas, and the like, Convertible. J. G. Haisty. 2,132,238; Oct. 4.
- Roof support for underground passageways. F. J. Habe. 2,121,291; June 21.
- Roofing. H. F. Bozalina. 2,138,320; Nov. 29.
- Roofing. A. C. Fischer. 2,133,854; Oct. 18.
- Roofing. E. R. Greenlee. 2,132,209; Oct. 4.
- Roofing. G. Knapp. 2,112,898; Apr. 5.
- Roofing. F. P. Reynolds. 2,128,191; Aug. 23.
- Roofing and siding elements. N. P. Harshberger. 2,133,988; Oct. 25.
- Roofing and siding material. N. P. Harshberger. 2,112,194; Mar. 22.
- Roofing and siding. Sheet metal. D. R. Murphy. 2,128,495; Aug. 30.
- Roofing, Apparatus for surfacing. B. S. Penley. 2,133,473; Oct. 18.
- Roofing calculator. K. D. Rainbolt. 2,112,114; Mar. 22.
- Roofing, Colored. C. E. Hillers. 2,122,862; July 5.
- Roofing construction. J. C. Lathrop. 2,118,207; May 24.
- Roofing construction. A. L. Wall. 2,122,077; June 28.
- Roofing cornerpiece. E. H. Blank. 2,110,258; Mar. 8.
- Roofing element. T. Robinson. 2,129,030; Sept. 6.
- Roofing elements, Manufacturing. W. A. Harris. 2,104,384; Jan. 4.
- Roofing granule and coloring same. H. R. Gundlach. 2,123,419; July 12.
- Roofing granules and making the same, Colored. S. G. Wright. 2,120,773; June 14.
- Roofing granules and manufacturing the same, Colored. P. Teetor. 2,133,728; Oct. 18.
- Roofing material. A. D. MacNutt. 2,138,456; Nov. 29.
- Roofing, Metal. K. Roth. 2,108,350; Feb. 15.
- Roofing, Metal. K. Roth. 2,124,830; July 26.
- Roofing or sheet product. C. Batcheller. 2,122,192; June 28.
- Roofing, Process and apparatus for coating. C. R. Eckert. 2,111,761; Mar. 22.
- Roofing product, Process and machine for making the Roofing, Production of mineral surfaced. H. C. Howell. 2,139,619; Dec. 6.
- same, Shadowless. G. Williford. 2,112,819; Mar. 29.
- Roofing structure. E. Talmage. 2,133,363; Oct. 18.
- Roofing with shingled effect, Strip. K. S. Gulterman. 2,120,278; June 14.
- Room cooler. C. F. Wheaton. 2,121,648; June 21.
- Room forming structure, Dressing. J. L. G. Dykes. 2,122,681; July 5.
- Room, Knock-down projection. G. W. Garrard and E. J. Perry. 2,141,528; Dec. 27.
- Rooms, Illuminating. P. Schlumbohm. 2,125,319; Aug. 2.
- Root chopping and dirt distributing implement. J. L. Chong. 2,138,472; Nov. 29.
- Root cutter, Expandable. E. J. Brooks. 2,133,342; Oct. 18.
- Rope, Apparatus for bonding the ends of wire. F. E. Stahl. 2,115,652; Apr. 26.
- Rope, Compound for lubricating wire. J. F. Hall. 2,129,422; Sept. 6.
- Rope holder. A. de Tepla. 2,115,623; Apr. 26.
- Rope, Lubricating wire. W. D. Hodson. 2,140,426; Dec. 26.
- Rope making machine. W. L. Butcher. 2,108,704; Feb. 15.
- Rope making machine. C. C. Sunderland. 2,105,338; Jan. 11.
- Rope, Metallic. H. W. Riddle. 2,113,710; Apr. 12.



- Rope, Multiple conductor wire. W. T. Wells. 2,128,547; Aug. 30.
- Rope or cable, Wire. M. W. Reed. 2,136,867; Nov. 15.
- Rope or cordage, Surface treating fibrous. R. C. Williams and H. M. Bone. 2,139,343; Dec. 6.
- Rope transmission. O. Ohnesorge. 2,106,358; Jan. 25.
- Rope tying machine. C. E. Evans. 2,124,770; July 26.
- Rope, Wire. H. Oechslein. 2,117,818; May 17.
- Rope, Wire. M. W. Reed. 2,136,865-6; Nov. 15.
- Roses, Watering-can. J. R. Buchanan and T. W. Watts. 2,124,184; July 19.
- Rosewood pipe. J. Chmura. 2,131,582; Sept. 27.
- Rosin and product thereof, Refining and hydrogenerating. I. W. Humphrey. 2,113,808; Apr. 12.
- Rosin and rosin esters, Refining. L. P. Rankin. 2,117,572; May 17.
- Rosin esters, Refining. J. N. Borglin. 2,114,371; Apr. 19.
- Rosin for violin bows, etc. E. Dziemczyk. 2,109,416; Feb. 22.
- Rosin, Packaging. C. C. Gillican. 2,127,401-2; Aug. 16.
- Rosin, Polymerization of. A. L. Rummelsburg. 2,108,928; Feb. 22.
- Rosin, Polymerization of. A. L. Rummelsburg. 2,124,675; July 26.
- Rosin, Polymerization of. A. L. Rummelsburg. 2,136,525; Nov. 15.
- Rosin, Purifying. I. W. Humphrey. 2,115,490; Apr. 26.
- Rosin, Refining. L. N. Bent. 2,115,679; Apr. 26.
- Rosins and metal salts produced thereby, Treatment of. E. R. Littmann. 2,138,183; Nov. 29.
- Rotameter. A. K. Fischer and G. B. Petsche. 2,130,981; Sept. 20.
- Rotary. H. Pennington. 2,115,279; Apr. 26.
- Rotary bit. R. J. Killgore. 2,121,202; June 21.
- Rotary bowl mill. J. Crites. 2,112,359; Mar. 29.
- Rotary core drill. J. H. Howard. 2,158,006; Nov. 29.
- Rotary cutter. L. J. Nevramount. 2,119,683; June 7.
- Rotary cutting tool. M. Challier. 2,111,887; Mar. 22.
- Rotary drag bit. J. J. Whalen. 2,119,661; June 7.
- Rotary drier. H. C. French. 2,113,047; Apr. 5.
- Rotary engine. W. Chisholm. 2,124,542; July 26.
- Rotary engine. L. M. Hodges. 2,110,524; Mar. 8.
- Rotary engine. F. A. Howard. 2,112,844; Apr. 5.
- Rotary engine. C. F. Lambin. 2,129,431; Sept. 6.
- Rotary engine. R. Mabile. 2,137,172; Nov. 15.
- Rotary engine. A. Metzler. 2,110,554; Mar. 8.
- Rotary engine. M. Murakami. 2,108,385; Feb. 15.
- Rotary engine. G. A. Wahlmark. 2,132,812-13; Oct. 11.
- Rotary engine. A. L. Walters and H. H. Hendrick. 2,136,066; Nov. 8.
- Rotary filter. A. J. Barnebl. 2,120,455; June 14.
- Rotary furnace. G. F. Blasler. 2,135,934; Nov. 8.
- Rotary furnace. C. P. Debuch and E. Marksworth. 2,119,528; June 7.
- Rotary gas engine. C. Gleason. 2,112,770; Mar. 29.
- Rotary hearth furnace. K. R. Gähre, J. Schwalb, and P. Speichert. 2,127,727; Aug. 25.
- Rotary machine. H. E. Curtis. 2,126,093; Aug. 9.
- Rotary machine. J. D. Spalding. 2,130,401; Sept. 20.
- Rotary mechanism. A. A. Nichols. 2,140,966; Dec. 20.
- Rotary meter. A. J. Saarinen. 2,131,236; Sept. 27.
- Rotary meter. A. J. Saarinen. 2,135,644; Nov. 8.
- Rotary motor. P. E. Good. 2,141,982; Dec. 27.
- Rotary motor. O. A. Larsen. 2,118,253; May 24.
- Rotary muffle furnace. P. Jordan. 2,131,665; Sept. 27.
- Rotary press. H. H. Slocum. 2,121,932; June 28.
- Rotary press, Web perfecting. H. M. Barber. 2,112,586-9; Mar. 29.
- Rotary press, Web perfecting. H. M. Barber. 2,112,590-1; Mar. 29.
- Rotary printing press. F. A. Foster. 2,126,877; Aug. 16.
- Rotary proof press, Multicolor. E. J. Smith. 2,118,238; May 24.
- Rotary pump. E. W. Hepler. 2,106,600; Jan. 25.
- Rotary pump. P. C. Rawls. 2,117,573; May 17.
- Rotary pump. W. P. Schirmer. 2,124,377; July 19.
- Rotary pump. O. C. Selle. 2,131,302; Sept. 27.
- Rotary pump. H. A. Thrush. 2,137,791; Nov. 22.
- Rotary pump. E. W. Tilton. 2,134,219; Oct. 25.
- Rotary pump. A. L. Wilson, A. E. Prohaska, and O. B. Schmidt. 2,137,708; Nov. 22.
- Rotary pump, Duplex high pressure. G. E. Bigelow and A. R. Weis. 2,108,786; Feb. 2.
- Rotary pump, Positive pressure. A. J. Granberg. 2,129,928; Sept. 13.
- Rotary rock bit. J. H. Howard and A. C. Catland. 2,141,841; Dec. 27.
- Rotary steam engine. L. W. Downward. 2,100,371; Jan. 25.
- Rotary steam engine. R. P. Glenn. 2,117,951; May 17.
- Rotary switch. H. Broadwell. 2,140,126; Dec. 13.
- Rotary switch. H. P. Mixer. 2,108,777; Feb. 15.
- Rotary switch, Butt contact. H. E. Metcalf. 2,116,842; May 10.
- Rotary switch, Swing action. W. H. Lantz, Jr. 2,130,589; Sept. 20.
- Rotary tool. J. De Mooy. 2,107,108; Feb. 1.
- Rotary tool. C. J. Oxford and J. Nelson. 2,120,623; June 14.
- Rotary tool joint. F. J. Hinderliter. 2,110,127; Mar. 8.
- Rotary tool joint. F. J. Hinderliter. 2,111,697; Mar. 22.
- Rotary valve, Automatic. P. F. Danel. 2,131,025; Sept. 27.
- Rotary vane pump. H. M. Hanson. 2,124,918; July 26.
- Rotatable body, Dynamically balancing. E. L. Thearle. 2,108,624; Feb. 15.
- Rotatable body, Dynamically balancing. E. L. Thearle. 2,131,602; Sept. 27.
- Rotatable drill bit. C. B. Holt. 2,134,164; Oct. 25.
- Rotating bowl pump. H. Föttinger. 2,124,914; July 26.
- Rotation, Apparatus and method for controlling. H. A. Satterlee. 2,121,054; June 21.
- Rotation mechanism. J. C. Curtis. 2,118,968; May 31.
- Rotation mechanism. A. R. Mack. 2,108,989; Feb. 22.
- Rotation mechanism. W. A. Smith, Jr. 2,109,979; Mar. 1.
- Rotor. W. L. Hansen and I. N. Hurst. 2,128,142; Aug. 23.
- Rotor, Aerodynamic. T. Ash, Jr. 2,120,168; June 7.
- Rotor, Agricultural. L. L. Hart. 2,140,871; Dec. 20.
- Rotor, Aircraft sustaining. J. A. J. Bennett. 2,121,536; June 21.
- Rotor, Aircraft sustaining. H. S. Campbell. 2,127,105; Aug. 16.
- Rotor and making the same, Squirrel cage. F. E. Harrell. 2,139,748; Dec. 13.
- Rotor, Centrifugal blower. G. W. McKee. 2,130,145-6; Sept. 13.
- Rotor flying machine. C. Dornier. 2,119,806; June 7.
- Rotor for aircraft, Sustaining. H. F. Pitcairn. 2,114,808; Apr. 19.
- Rotor for very high peripheral velocity, Blower. F. Schmidt. 2,106,040; Jan. 18.
- Rotor particularly for aircraft, Air. P. H. Stanley. 2,108,417; Feb. 15.
- Rotors, Making squirrel cage. G. A. Waters. 2,125,970; Aug. 9.
- Rouge applicator, Lip. M. V. Eastley. 2,129,051; Sept. 6.
- Rough rounder. E. G. Wolf. 2,132,979; Oct. 11.
- Roughage mill. J. Holland-Letz. 2,119,336; May 31.
- Roughing machine. N. V. Dyer. 2,128,768; Aug. 30.
- Round-cornering machine. E. Southworth. 2,122,186; June 28.
- Round-feeding mechanism. B. P. Joyce. 2,122,423; July 5.
- Rounding machine. F. E. Bertrand. 2,114,368; Apr. 19.
- Rounding machine. F. E. Bertrand. 2,138,951; Dec. 6.
- Rounding machine and knife therefor. H. A. Hawkes. 2,116,680; May 10.
- Rounds, Method of and apparatus for rolling. J. M. O'Malley. 2,105,258; Jan. 11.
- Routering machine. J. E. Alward and J. H. Moore. 2,118,063; May 24.
- Roving machine. W. Knowles. 2,127,410; Aug. 16.
- Rubber, Acceleration of vulcanization of. L. Orthner and E. Zaucker. 2,110,834; Mar. 8.
- Rubber, Acceleration of vulcanization of. L. Orthner and E. Zaucker. 2,136,949; Nov. 15.
- Rubber and its manufacture, Synthetic. W. S. Calcott, F. B. Downing, and D. H. Powers. Re. 20,777; July 5.
- Rubber and like article and making same, Deposited. E. C. Brueggeman. 2,132,096; Oct. 4.
- Rubber and making the same. A. K. Epstein and B. R. Harris. 2,128,127; Aug. 23.
- Rubber and making the same. A. K. Epstein and B. R. Harris. 2,133,690; Oct. 18.
- Rubber and making the same, Cellular. E. A. Murphy and E. W. Madge. 2,140,026; Dec. 13.
- Rubber and metal spring. F. Schmidt. 2,126,707; Aug. 16.
- Rubber and process and apparatus for making the same, Crinkled sheet. F. Honig. 2,107,735; Feb. 8.
- Rubber and product obtained thereby, Treating. W. E. Messer. 2,126,269; Aug. 9.
- Rubber and product, Preserving. H. I. Cramer. 2,109,165; Feb. 22.
- Rubber, and product, Preserving. H. I. Cramer. 2,136,335; Nov. 8.
- Rubber and related hydrocarbons, Treatment of. E. M. Marks. 2,109,495; Mar. 1.
- Rubber and rubber-like articles, Manufacture of. W. Kay. 2,108,673; Feb. 15.
- Rubber and the like, Manufacture of. P. Schildrowitz and J. W. Malden. 2,117,258; May 10.
- Rubber, Apparatus for treating the surface of sheet. F. Honig. 2,130,739; Sept. 20.
- Rubber article. G. G. Havens. 2,110,225; Mar. 8.
- Rubber article. A. N. Spänel. 2,119,498; May 31.
- Rubber article and making the same, Dipped. J. R. Gammeter. 2,139,545; Dec. 6.
- Rubber article and material and the manufacture thereof, New. B. J. Hagood. 2,137,686; Nov. 22.
- Rubber article and producing same, Hard. W. Hemann. 2,134,124; Oct. 25.
- Rubber article, Producing a. C. F. Flemming. 2,138,761; Nov. 29.
- Rubber article, Reinforced. J. L. Bitter. 2,130,413; Sept. 20.
- Rubber articles, Making. G. G. Havens. 2,110,224; Mar. 8.
- Rubber articles, Making. R. W. Sampson. 2,133,833; Oct. 18.
- Rubber articles, Manufacture of. V. H. Hurt. 2,141,788.
- Rubber articles, Manufacturing hollow. J. H. Donk. 2,130,177; Sept. 13.
- Rubber articles, Manufacturing molded. C. A. Daly. 2,140,692; Dec. 20.



- Rubber articles, Method and apparatus for handling. E. S. Killian. 2,109,150; Feb. 22.
- Rubber articles, Method and apparatus for making. J. H. Coffey. 2,109,190; Feb. 22.
- Rubber articles, Sheet. P. Van Cleef. 2,115,254; Apr. 26.
- Rubber bale cutter. R. W. Dinzel. 2,131,345; Sept. 27.
- Rubber bundle, Corrugated. F. E. Williams and H. F. Irving. 2,139,922; Dec. 13.
- Rubber-cement or rubber-cement-asphaltic compositions, Manufacture of. G. P. Davis. 2,109,662; Mar. 1.
- Rubber composition. R. R. Olin. 2,109,948; Mar. 1.
- Rubber composition and compounding rubber. C. H. Campbell. 2,136,771; Nov. 15.
- Rubber composition and preserving rubber. A. M. Clifford. 2,109,164; Feb. 22.
- Rubber composition and preserving rubber. W. N. Jones. 2,128,944-5; Sept. 6.
- Rubber composition and preserving rubber. W. N. Jones. 2,129,135; Sept. 6.
- Rubber composition, Synthetic. E. Ott. 2,138,192; Nov. 29.
- Rubber composition, Treating. H. F. Palmer and G. W. Miller. 2,123,855; July 12.
- Rubber compositions and preparing same. P. J. Wiezevich. 2,138,895; Dec. 6.
- Rubber compositions, Manufacture of. G. P. Davis. 2,109,661; Mar. 1.
- Rubber compounding. G. S. Haslam. 2,127,560; Aug. 23.
- Rubber compounds and making same. J. Behre. 2,112,802; Mar. 29.
- Rubber covered chain. C. L. Hill. 2,110,226; Mar. 8.
- Rubber derivative compositions. J. H. Kelly, Jr. 2,139,368; Dec. 6.
- Rubber derivative compositions. H. A. Winkelmann and E. W. Moffett. 2,110,374; Mar. 8.
- Rubber derivatives-sulphide compositions, Halogen containing. H. A. Winkelmann. 2,115,053; Apr. 26.
- Rubber dust, Manufacture of. M. J. Stam. 2,119,932; June 7.
- Rubber, Expanded. D. Roberts, T. A. Scott, and F. W. Peel. 2,122,438; July 5.
- Rubber from aqueous rubber dispersions, Production of sponge. H. Wolf. 2,138,081; Nov. 29.
- Rubber from poinsettia serum, Production of. H. E. Pitman. 2,133,040; Oct. 11.
- Rubber, Gas expanded. F. W. Peel. 2,138,877; Dec. 6.
- Rubber goods, Surface finishing of. M. T. Mallard. 2,132,268; Oct. 4.
- Rubber hydrochloride. W. C. Calvert. 2,139,647; Dec. 6.
- Rubber hydrohalides, Pigmented. J. B. Holden. 2,136,342; Nov. 8.
- Rubber latex and similar vegetable juices, Concentrating. E. Benzing and J. Jaenicke. 2,119,620; June 7.
- Rubber latex, Concentrating. E. Benzing and J. Jaenicke. 2,140,198; Dec. 13.
- Rubber latex, Concentrating or enriching. O. E. Schweitzer. 2,138,073; Nov. 29.
- Rubber latex, Deproteinization of. L. Wallerstein. 2,116,089; May 3.
- Rubber latex or the like, Centrifugal concentration of. J. B. Crockett. 2,122,232; June 28.
- Rubber, Making sponge. H. R. Minor. 2,109,676; Mar. 1.
- Rubber, Making sponge. S. R. Ogilby. 2,126,273; Aug. 9.
- Rubber, Making sponge. S. R. Ogilby. 2,126,275; Aug. 9.
- Rubber, Manufacture of. R. H. Gerke, G. H. Ganzhorn, L. H. Howland, and H. M. Smallwood. 2,118,601; May 24.
- Rubber, Manufacture of expanded. D. Roberts and J. S. Reid. 2,131,073; Sept. 27.
- Rubber, Manufacturing. F. W. Peel. 2,110,400; Mar. 8.
- Rubber, Method and apparatus for vulcanizing strips. J. W. Lee. 2,139,414; Dec. 6.
- Rubber, Microporous. E. Hazell. 2,112,529; Mar. 29.
- Rubber mixings, Manufacture of multicolored. A. Holzappel. 2,135,395; Nov. 1.
- Rubber, Plasticizing. W. F. Busse. 2,115,705; May 3.
- Rubber, Plasticizing. I. Williams and C. C. Smith. 2,132,505; Oct. 11.
- Rubber, Preparing mixtures of. J. R. de Jong. 2,123,482; July 12.
- Rubber, Preservation of. G. D. Martin. 2,134,189; Oct. 25.
- Rubber, Preservation of. I. Williams, W. A. Douglass, and A. M. Neal. 2,116,333; May 3.
- Rubber, Preservation of. I. Williams and A. M. Neal. 2,121,618-9; June 21.
- Rubber, Preservation of. I. Williams and A. M. Neal. 2,131,206; Sept. 27.
- Rubber, Preserving. A. M. Clifford. 2,133,779; Oct. 18.
- Rubber, Preserving. W. Scott. 2,133,791; Oct. 18.
- Rubber process. T. L. Shepherd. 2,113,498; Apr. 5.
- Rubber process. T. L. Shepherd. 2,131,982; Oct. 4.
- Rubber process and product. T. L. Shepherd. 2,122,727-8; July 5.
- Rubber, Process and product for obtaining rapid coagulation of. M. M. Klatel. 2,120,572; June 14.
- Rubber, Producing porous sheets of. E. A. Murphy and S. D. Taylor. 2,106,808; Feb. 1.
- Rubber products. L. Gaisman. 2,124,774; July 26.
- Rubber products, Colored. A. Siegel. 2,117,860; May 17.
- Rubber products, Making striped. J. H. Johnson. 2,138,378; Nov. 29.
- Rubber products, more particularly of porous and spongy masses and articles, Manufacture of. J. A. Talalay. 2,140,062; Dec. 13.
- Rubber products, Producing hard. H. J. Schelhammer. 2,130,905; Sept. 20.
- Rubber products, Production of solid chlorinated. J. P. Baxter. 2,110,785; Mar. 8.
- Rubber, Reclaiming utilized. J. Behre. 2,112,803; Mar. 29.
- Rubber, Softened. W. F. Busse. 2,136,373; Nov. 15.
- Rubber spreading machine. A. S. Stumpp. 2,115,752; May 3.
- Rubber spring. E. E. Ellies. 2,113,372; Apr. 5.
- Rubber spring, Torsional. F. Schmidt. 2,126,708; Aug. 16.
- Rubber stocks and of pigment complexes for compounding therewith, Manufacture of. F. G. Breyer and J. P. Hubbell. 2,139,995; Dec. 13.
- Rubber strips, Apparatus for manufacturing. C. J. Randall. 2,141,405; Dec. 27.
- Rubber substitutes. P. J. Wiezevich, now by judicial change of name to P. J. Gaylor. 2,115,896; May 3.
- Rubber thread, Method of and apparatus for making. A. N. Spänel. 2,120,721; June 14.
- Rubber, Treating. C. L. Beal. 2,114,162; Apr. 12.
- Rubber, Treatment of. F. N. Pickett. 2,119,600; June 7.
- Rubber upon fibers, Coagulating. H. W. Greider and M. F. Smith. 2,133,693; Oct. 18.
- Rubber vulcanization. W. C. Calvert. 2,129,615; Sept. 6.
- Rubber vulcanization. A. M. Clifford. 2,136,332; Nov. 8.
- Rubber vulcanization. M. W. Harman. 2,109,698; Mar. 1.
- Rubber vulcanization. W. E. Messer. 2,130,242; Sept. 13.
- Rubber vulcanization. L. Meuser. 2,116,978; May 10.
- Rubber vulcanization. T. C. Morris. 2,108,018; Feb. 8.
- Rubber vulcanization. R. L. Sibley. 2,108,782; Feb. 15.
- Rubber vulcanization. W. P. ter Horst. 2,131,426-7; Sept. 27.
- Rubber vulcanization. I. Williams. 2,131,244; Sept. 27.
- Rubber vulcanization. I. Williams and F. R. Mayo. 2,131,245; Sept. 27.
- Rubber, Vulcanization of. A. M. Clifford. 2,120,547; June 14.
- Rubber, Vulcanization of. A. M. Clifford. 2,126,620; Aug. 9.
- Rubber, Vulcanization of. H. I. Cramer. 2,105,808; Jan. 18.
- Rubber, Vulcanization of. H. I. Cramer. 2,123,844; July 12.
- Rubber, Vulcanization of. J. G. Lichty. 2,133,782; Oct. 18.
- Rubber, Vulcanization of. L. B. Sebrell. 2,134,957; Nov. 1.
- Rubber, Vulcanizing. W. Scrauth. 2,133,116; Oct. 11.
- Rubberlike product. H. G. Kiltredge. 2,134,335; Oct. 25.
- Rubberlike product and method of making. H. G. Kiltredge. 2,111,427; Mar. 15.
- Rubbing appliance. A. A. Campbell. 2,112,593; Mar. 29.
- Rubbing machine. O. A. Kehle. 2,113,694; Apr. 12.
- Rubbing machine. O. A. Kehle. 2,123,426; July 12.
- Rudder. H. F. Shaw. 2,132,582; Oct. 11.
- Rudder, Wind-operated sailboat. R. Marlow. 2,112,171; Mar. 22.
- Rug and carpet. H. H. Baynton and J. W. Foster. 2,104,941; Jan. 11.
- Rug and making the same. E. E. Gowell. 2,126,254; Aug. 9.
- Rug making device. B. Mayer. 2,123,077; July 5.
- Rug making implement. C. E. Haymaker. 2,126,551; Aug. 9.
- Rug or carpet. W. Colvin, Jr. 2,107,598; Feb. 8.
- Rug, Traveling or like. C. Herpich. 2,105,787; Jan. 18.
- Rule, Coilable measuring. A. S. Duncan and A. L. Stowell. 2,127,443; Aug. 16.
- Rule, Coilable measuring. A. L. Stowell. 2,131,694; Sept. 27.
- Rule, Creasing. K. Wehner and R. Reay. 2,114,948; Apr. 19.
- Rule device, Measuring. W. E. Evans. 2,110,210; Mar. 8.
- Rule, Draftsman's. L. V. Cantrell. 2,124,051; July 19.
- Rule, Glass cutting. J. A. Haughey. 2,104,301; Jan. 4.
- Rule, Inside wind coilable measuring. A. L. Stowell. 2,131,695; Sept. 27.
- Rule, Parallel. J. H. Ball. 2,115,983; May 3.
- Rule, Slide. R. B. Poole. 2,138,879; Dec. 6.
- Rule, Slide. N. Sinitzin-White. 2,137,630; Nov. 22.
- Rule, Slide. J. G. Valenzuela. 2,120,878; June 14.
- Rule, Steel tape. F. O. Carlson. 2,132,202; Oct. 4.
- Ruler. W. J. Cooper. 2,112,069; Mar. 22.
- Ruler, adjustable curved. A. G. Danielson. 2,116,563; May 10.
- Runner, Collapsible vehicle. F. Stedronsky. 2,137,860; Nov. 22.
- Runner for trolley devices, Insulated. N. A. Wahlberg. 2,125,092; July 26.
- Running gear. A. P. Armington. 2,141,165; Dec. 27.
- Running gear. W. R. Kales. 2,139,548; Dec. 6.
- Running gear. W. R. Kales, I. H. Judd, P. Huebshman, and R. H. Helms. 2,139,547; Dec. 6.



- Rust inhibiting composition. C. L. Boyle. 2,127,202; Aug. 16.
- Rust preventing composition and method of rust prevention. R. E. Sadtler. 2,105,672; Jan. 18.
- Saccharides, Separation of. G. T. Reich. 2,109,503; Mar. 1.
- Saccharification of substances, Method of and apparatus for the. H. Scholler and R. Eickemeyer. 2,108,567; Feb. 15.
- Saccharine-aspirin tablet. J. A. Glassman. 2,134,714; Nov. 1.
- Saccharose from formaldehyde, Process of and apparatus for manufacturing. E. A. Prudhomme. 2,121,981; June 28.
- Sachet. H. S. Frank. 2,124,396; July 19.
- Sachet for treating and waving hair. P. L. Moulin. 2,116,079; May 3.
- Sack. Chair. T. J. Dowd. 2,128,693; Aug. 30.
- Sack for retailing eggs, Paper. M. S. Finley. 2,137,277; Nov. 22.
- Sack holder. E. P. Lawson. 2,128,618; Aug. 30.
- Sack opening and loading device. M. R. Frankenfield. 2,126,184; Aug. 9.
- Sack sewing apparatus. V. L. Stathem. 2,107,963; Feb. 8.
- Sack sewing apparatus, Filled. V. L. Stathem. 2,107,964; Feb. 8.
- Sacking into valve bags. A. Du Bois. 2,104,154; Jan. 4.
- Saddle attachment, Riding. S. Douglas. 2,109,209; Feb. 22.
- Saddle construction. S. E. Worcester. 2,130,442; Sept. 20.
- Saddle construction, Running board. D. W. Hawsworth. 2,131,174; Sept. 27.
- Saddle, Cycle. J. W. Brandt and A. J. Linder. 2,107,561; Feb. 8.
- Saddle, Cycle. H. L. Kraeft. 2,131,140; Sept. 27.
- Saddle for coaster wagon boxes, Adjustable. J. B. Eck. 2,126,698; Aug. 16.
- Saddle for cycles. R. W. Faulhaber. 2,104,511; Jan. 4.
- Saddle for cycles. C. Hanson. 2,104,512; Jan. 4.
- Saddle for hat presses. I. Reiser. 2,128,538; Aug. 30.
- Saddle girth. D. H. Wright. 2,130,214; Sept. 13.
- Saddle, Riding stock. C. D. Smith. 2,116,585; May 10.
- Saddle seat. H. M. Pryale, S. C. Clark, and D. R. Cotterman. 2,115,177; Apr. 26.
- Sadiron. E. K. Jamieson. 2,126,702; Aug. 16.
- Sadiron. E. D. Perry. 2,140,852; Dec. 20.
- Sadiron construction. H. Smith. 2,127,050; Aug. 16.
- Sadiron construction. H. A. Smith. 2,140,173; Dec. 13.
- Sadiron construction, Light weight. H. A. Smith. 2,106,936; Feb. 1.
- Sadiron, Cordless electric. H. E. Lutton. 2,120,761; June 14.
- Sadiron, Electric. A. D. Olds. 2,109,848; Mar. 1.
- Sadiron, Electric. L. Reichold. 2,119,964; June 7.
- Sadiron sole plate and making. H. C. Wright. 2,138,720; Nov. 29.
- Safe. F. Danning and E. J. Kastenholz. 2,115,415; Apr. 26.
- Safe. I. J. Wasley. 2,125,139; July 26.
- Safe and liner therefor. A. M. De Voursney. 2,134,861; Nov. 1.
- Safe, Wall. F. Hall. 2,128,704; Aug. 30.
- Safety and relief valve. A. L. Kronquest. 2,107,704; Feb. 8.
- Safety apparatus for liquid fuel containers. N. E. Koch. 2,106,750; Feb. 1.
- Safety apparatus of a door closer. M. Hasuo. 2,119,625; June 7.
- Safety appliance for airplanes. C. W. and C. F. Poin-dexter. 2,115,932; May 3.
- Safety appliance for molding machines. H. O. Magnuson. 2,114,111; Apr. 12.
- Safety appliance for steam jet refrigeration apparatus. B. R. McBath, Jr. 2,105,545; Jan. 18.
- Safety appliance for stoves and ranges. F. L. Fox. 2,115,305; Apr. 26.
- Safety attachment for automobiles. G. D. Littlefield. 2,117,617; May 17.
- Safety attachment for automotive vehicles. R. Lee. 2,132,304; Oct. 4.
- Safety attachment for truck wheels. H. V. Ludwick. 2,104,565; Jan. 4.
- Safety blasting plug. R. J. Heltzman. 2,115,388; Apr. 26.
- Safety control brake. E. E. Von Behren. 2,121,555; June 21.
- Safety control system. H. A. Tomkins and L. A. Ward. 2,132,811; Oct. 11.
- Safety device. K. Clark. 2,131,094; Sept. 27.
- Safety device. L. M. Goldsmith. Re. 20,643; Feb. 1.
- Safety device. F. Kennison. 2,104,043; Jan. 4.
- Safety device. E. A. Stark. 2,122,049; June 28.
- Safety device and the like, Thermoelectric. C. V. Hildebrocht. 2,114,446; Apr. 19.
- Safety device and valve therefor. S. Kuzanjian. 2,106,606; Jan. 25.
- Safety device, Automobile and bus quick stopping. C. McKinnon. 2,113,056; Apr. 5.
- Safety device for aeroplanes. K. Schwärzler. 2,125,361; Aug. 2.
- Safety device for automobiles. R. Beddow. 2,108,303; Feb. 15.
- Safety device for automobiles. D. W. Burt. 2,126,946; Aug. 16.
- Safety device for clothes wringers. W. C. F. Dietz. 2,134,779; Nov. 1.
- Safety device for container moving machinery. S. R. Rosendale. 2,107,345; Feb. 8.
- Safety device for elevators. L. Olsvary. 2,107,956; Feb. 8.
- Safety device for firearms. E. Altenburger. 2,110,317; Mar. 8.
- Safety device for firearms. G. S. Lewis. 2,125,933; Aug. 9.
- Safety device for fuel conduits. T. A. Finn. 2,128,292; Aug. 30.
- Safety device for gas heaters. P. L. Betz and S. Karrer. 2,130,175; Sept. 13.
- Safety device for gas heaters. P. L. Betz and S. Karrer. 2,140,466; Dec. 13.
- Safety device for gas systems. M. A. Tornow. 2,133,124; Oct. 11.
- Safety device for homes. Y. Spiegel. 2,109,361; Feb. 22.
- Safety device for hydraulic brakes. R. N. Roen. 2,128,853; Aug. 30.
- Safety device for hydraulic brakes. P. Salvo. 2,110,342; Mar. 8.
- Safety device for hydraulic brake systems. S. C. George and J. J. Weber. 2,127,399; Aug. 16.
- Safety device for machine parts subject to high pressures. A. M. Erichsen. 2,108,746; Feb. 15.
- Safety device for marine power plants. H. W. Slauson. 2,124,497; July 19.
- Safety device for motion picture projecting machines. C. F. Lick. 2,106,354; Jan. 25.
- Safety device for motor vehicles. H. Karl. 2,116,604; May 10.
- Safety device for motor vehicles. W. Long. 2,134,618; Oct. 25.
- Safety device for motors. G. L. Hilbert and A. E. and J. H. West. 2,136,504; Nov. 15.
- Safety device for power presses. F. W. Burtle and J. I. Kaul. 2,134,071; Oct. 25.
- Safety device for punch boards. C. E. Burnett and O. May. 2,120,172; June 7.
- Safety device for railway vehicles and the like. G. Lecat. 2,128,830; Aug. 30.
- Safety device for roller mills. E. Thalmann. 2,114,660; Apr. 19.
- Safety device for saw tables. F. Fink. 2,116,194; May 3.
- Safety device for typographical composing machines. R. M. Berry, Sr. 2,123,271; July 12.
- Safety device for use by drivers of motor cars and the like. L. C. Galli. 2,126,878; Aug. 16.
- Safety device for vehicle doors. F. C. McClanahan. 2,115,643; Apr. 26.
- Safety device for water-cooled electron tubes. S. Odarchenko. 2,115,559; Apr. 26.
- Safety device, Overload. W. E. Schaefer. 2,137,417; Nov. 22.
- Safety equipment for boats. M. Mandel. 2,107,542; Feb. 8.
- Safety firing valve, Automatic. F. R. Richard. 2,112,410; Mar. 29.
- Safety indicator for airplanes. F. R. Shanley. 2,128,169; Aug. 23.
- Safety indicator for guns, Illuminated. C. E. Jacobs. 2,134,406; Oct. 25.
- Safety joint. L. F. Baash. 2,113,821; Apr. 12.
- Safety latch. T. W. Moody. 2,131,899; Oct. 4.
- Safety match holder. W. Beyer. 2,116,231; May 3.
- Safety mechanism for punch presses. P. E. Boyd. 2,111,060; Mar. 15.
- Safety pin. G. J. Behling and N. Dykstra. 2,120,191; Sept. 6.
- Safety pin. E. J. Lintner. 2,104,880; Jan. 11.
- Safety pin. W. Lockwood. 2,138,869; Dec. 6.
- Safety pin. G. A. Mizer. 2,132,038; Oct. 4.
- Safety pressure device. G. Raymond. 2,123,662; July 12.
- Safety switch. L. M. Browder. 2,127,764; Aug. 23.
- Safety switch. R. N. Rowe. 2,124,275; July 19.
- Safety switch, Automatic. O. L. Olson. 2,105,611; Jan. 18.
- Safety switch box. W. F. Sutherland. 2,105,169; Jan. 11.
- Safety switch, Thermo-electric. J. H. Thornbery and H. A. Mantz. 2,132,057; Oct. 4.
- Safety system and device for use therewith. W. V. Cornett. 2,136,415; Nov. 15.
- Safety system for box making machines. J. B. Tate. 2,113,360; Apr. 5.
- Safety system for engines, Vacuum actuated. W. E. Benjamin. 2,131,264; Sept. 27.
- Safety valve. H. Cave. 2,119,851; June 7.
- Safety valve. O. L. Mulloy. 2,124,374; July 19.
- Safety valve, Thermo-electric. J. H. Thornbery and H. A. Mantz. 2,126,587; Aug. 9.
- Safety water light. W. B. Riner. 2,104,762; Jan. 11.
- Salt, Landling. R. Welchardt and W. Frelstadt. 2,110,906; Mar. 15.
- Sailboat. C. N. Edge. 2,106,209; Jan. 25.
- Sailboat. A. Schlumpf. 2,140,250; Dec. 13.
- Sand dressing. A. Musher. 2,125,391; Aug. 2.
- Sand dressing and flavoring therefor. D. C. Ingraham. 2,115,073; Apr. 26.



- Sales stimulator. S. Worth. 2,109,603; Mar. 1.  
 Salesbook and holder. H. W. Clark. 2,113,678; Apr. 12.  
 Salient-pole construction for electric machines. E. O. Mueller. 2,114,887; Apr. 19.  
 Salinity indicator. M. F. Ketay and J. D. Peterson. 2,117,670; May 17.  
 Saliva ejector. R. C. Angell. 2,130,406; Sept. 20.  
 Salt and making the same, Noncaking smoked. R. Lehmann. 2,104,619; Jan. 4.  
 Salt block, Stock licking. L. A. Patten. 2,139,910; Dec. 13.  
 Salt from natural brine, Recovering Glauber's. S. H. Davis, H. W. Doennecke, and E. W. Douglass. 2,125,624; Aug. 2.  
 Salt, Manufacture of complex metallic. D. W. and B. H. Marsh. 2,104,754; Jan. 11.  
 Salt of ortho hydroxy quinoline. J. Ebert. 2,107,856; Feb. 8.  
 Salt preparations and preparing them, Stable diazo. K. Schnitzspahn. 2,106,539; Jan. 25.  
 Salt preparations, Diazo. M. Wyler. 2,116,131; May 3.  
 Salts containing alkali sulphates and alkaline earth sulphates, Decomposition of complex sulphate. E. Wiedbrauck, H. Schrader, and K. Büche. 2,136,996; Nov. 15.  
 Salts from aqueous solutions, Recovery of. E. A. C. Smith. 2,118,272; May 24.  
 Salts from solutions, Separating inorganic. G. W. Smith. 2,108,783; Feb. 15.  
 Salts, Making guanidine. J. W. H. Aldred. 2,114,280; Apr. 19.  
 Salts of acetylsalicylic acid, Preparation of water-soluble alkaline earth metal. C. O. Miller and A. E. Siehrs. 2,114,541; Apr. 19.  
 Salts of acid alkyl esters, Manufacture of nitrogen base. A. J. Tulleners. 2,127,495; Aug. 23.  
 Salts of aldehyde and ketonic acids, Aromatic mercury. C. N. Andersen. 2,113,566; Apr. 12.  
 Salts of aryl-substituted amino alcohols and their production. O. Dalmer and F. von Werder. 2,133,977; Oct. 25.  
 Salts of calcium ascorbate with calcium salts of other poly-hydroxy-mono-carboxylic acids and making them, Double. K. Warnat. 2,117,777; May 17.  
 Salts of cinchona alkaloids and their production. O. Dalmer and F. von Werder. 2,119,527; June 7.  
 Salts of copper arsenite and a copper salt of a higher unsaturated fatty acid, Double. F. E. Dearborn. 2,104,584; Jan. 4.  
 Salts of high molecular nonaromatic carboxylic acids, Catalytically hydrogenating metal. G. Schiller. 2,121,368; June 21.  
 Salts of higher alkyl sulphides, Dialkyl cyclohexylamine. S. Lenher and L. B. Arnold, Jr. 2,139,277; Dec. 6.  
 Salts of hydrosulphurous acid and preparation thereof, Stabilized. F. B. Downing and C. J. Pedersen. 2,121,397; June 21.  
 Salts of organic acids and producing same, Alkaline earth metal double. H. Seydel and A. H. Reiners. 2,137,957; Nov. 22.  
 Salts of zinc hydrosulphite and 1,2-aliphatic diamines and preparing them, Complex. E. Havas. 2,112,567; Mar. 29.  
 Salts, Oxidation of titanous. C. R. Hager. 2,125,340; Aug. 2.  
 Salts, Process and apparatus for the production of. H. A. Beckhuis, Jr. 2,109,347; Feb. 22.  
 Salts, Solid diazo. K. Schnitzspahn and W. Koch. 2,118,986; May 31.  
 Salvage apparatus. S. Lake. 2,125,301; Aug. 2.  
 Sample box. L. A. Holmes. 2,127,296; Aug. 16.  
 Sample holder. J. H. Graff. 2,120,404; June 14.  
 Sample holder. A. Steinhil. 2,120,818-9; June 14.  
 Sample rubbing machine. W. C. Durfee. 2,114,831; Apr. 19.  
 Sampler, Lead line. A. C. Myracle. 2,140,920; Dec. 20.  
 Sampler, Sidewall formation. M. Schlumberger. 2,119,361; May 31.  
 Samples on cards and the like, Apparatus for mounting. A. Oser. 2,130,776; Sept. 20.  
 Sampling device. J. R. Polston. 2,122,991; July 5.  
 Sand addition agents, Producing molding. J. A. Crew. 2,112,333; Mar. 29.  
 Sand and like materials, Apparatus for washing and grading. H. A. Stelley. 2,105,101; Jan. 11.  
 Sand and mud separator. C. T. Christensen. 2,105,584; Jan. 18.  
 Sand, Apparatus for cleaning. O. D. Sisson. 2,142,010; Dec. 27.  
 Sandblast ornamentation, Method for. R. H. Kavanaugh. 2,106,980; Feb. 1.  
 Sand blasting mechanism. A. J. Poncelet. 2,133,149; Oct. 11.  
 Sand blasting process. G. F. Rhodes. 2,114,573; Apr. 19.  
 Sand conditioning apparatus. S. B. Davies. 2,133,379; Oct. 18.  
 Sand, Method for cleaning. O. D. Sisson. 2,122,217; June 28.  
 Sand mulling and aerating machine. W. H. Nicholls. 2,135,762; Nov. 8.  
 Sand mulling machine. W. H. Nicholls, Sr. 2,117,977; May 17.  
 Sandpaper roll and protector therefor. C. A. Ross. 2,117,995; May 17.  
 Sand pump. C. A. Butler. 2,110,079; Mar. 1.  
 Sander. M. Plengemeier. 2,125,460; Aug. 2.  
 Sander and control therefor. L. E. Johnson and C. P. Cady. 2,131,514; Sept. 27.  
 Sander device. J. B. Swan. 2,110,247; Mar. 8.  
 Sander device. J. B. Swan. Re. 20,905; Nov. 1.  
 Sander, sand spray, or distributor. F. S. Blakesley. 2,113,503; Apr. 5.  
 Sander, Track. W. H. White. Re. 20,913; Nov. 8.  
 Sanding and polishing attachment for lathes. W. F. Yung. 2,120,880; June 14.  
 Sanding and polishing machine. C. J. Lippold. 2,109,069; Feb. 22.  
 Sanding apparatus. A. Nation. 2,138,526; Nov. 29.  
 Sanding apparatus. G. S. Turner. 2,133,491; Oct. 18.  
 Sanding attachment for brick making machines. H. L. Campbell. 2,115,301; Apr. 26.  
 Sanding device. H. F. Hannay and H. E. Briggs. 2,128,585; Aug. 30.  
 Sanding device for vehicles. J. B. Lintern. 2,137,917; Nov. 22.  
 Sanding machine. F. O. Albertson. 2,123,222; July 12.  
 Sanding machine. T. F. Brackett. 2,108,193; Feb. 15.  
 Sanding wheel. E. Dunford. 2,107,411; Feb. 8.  
 Sanding wheel head. A. L. Pearson. 2,120,624; June 14.  
 Sandal, Nonslip. J. Giuffre. 2,114,421; Apr. 19.  
 Sandals, Manufacture of. K. Engel. 2,108,849; Feb. 22.  
 Sandwich cutting device. E. E. Fisher. 2,111,910; Mar. 22.  
 Sanitary device. C. D. Harris. 2,112,021; Mar. 22.  
 Sanitary device. S. Jakala. 2,123,109; July 5.  
 Sanitary device. L. B. Joosten. 2,104,947; Jan. 11.  
 Sanitary device. R. E. Sadtler. 2,113,123; Apr. 5.  
 Sanitary napkin. R. P. Hayden. 2,120,949; June 14.  
 Sanitary napkin machine. J. E. Blosser. 2,119,982; June 7.  
 Sanitary napkin machine. C. G. Joa. 2,128,746; Aug. 30.  
 Sanitary napkin machine. C. G. Joa. 2,131,808; Oct. 4.  
 Sanitary napkins, Apparatus for making. O. T. Thompson. 2,138,587; Nov. 29.  
 Sanitary protector. H. E. Nichols and L. Rabiner. 2,134,925; Nov. 1.  
 Sanitary seat cover. C. D'Amato. 2,139,003; Dec. 6.  
 Sash and frame for same, Replaceable. P. De Pietro. 2,141,348; Dec. 27.  
 Sash and housing, Window. H. J. Sharp. 2,131,980; Oct. 4.  
 Sash, Back-set metal. J. J. Nuding and J. Pollak. 2,121,094; June 21.  
 Sash balance. R. E. Sturman. 2,116,329; May 3.  
 Sash balance, Window. A. Larson. 2,122,576; July 5.  
 Sash balancing construction. A. Schnitzler. 2,110,920; Mar. 15.  
 Sash, Casement. E. J. Adams. 2,117,391; May 17.  
 Sash construction. J. Fuchsman. 2,104,860; Jan. 11.  
 Sash construction. W. S. Hamm. 2,141,039; Dec. 20.  
 Sash construction. J. C. Neuendorf. 2,132,217; Oct. 4.  
 Sash construction. C. M. Verhagen. 2,107,842; Feb. 8.  
 Sash construction. C. M. Verhagen. 2,126,281; Aug. 9.  
 Sash construction, Auxiliary. C. M. Smart. 2,115,287; Apr. 26.  
 Sash cord fastener. E. H. Carlson. 2,125,152; July 26.  
 Sash fastener. C. O. Goserud. 2,139,331; Dec. 6.  
 Sash fastener. F. N. Hearn. 2,127,061; Aug. 16.  
 Sash fastener, Storm. H. T. Opland. 2,140,849; Dec. 20.  
 Sash fastener, Window. P. J. Kelly. 2,130,465; Sept. 20.  
 Sash holder. L. R. Fulton. 2,113,019; Apr. 5.  
 Sash holder mechanism. R. T. Axe. 2,107,774; Feb. 8.  
 Sash operating means, Storm. H. H. Brugmann. 2,117,540; May 17.  
 Sash operator. P. J. Muschong. 2,119,399; May 31.  
 Sash strip, Metal. J. C. Neuendorf. 2,125,394; Aug. 2.  
 Saturator for the manufacture of coarse-crystalline sulphate of ammonia. H. Koppers. 2,141,186; Dec. 27.  
 Sauce, Preparation of soy. W. O. Snelling. 2,107,133; Feb. 1.  
 Sausage and preparing same. L. M. Kern. 2,136,106; Nov. 8.  
 Sausage casing, Printing natural. C. T. Walter. 2,119,729; June 7.  
 Sausage-linking machine. L. A. Molin. 2,133,463; Oct. 18.  
 Sausage patty machine. B. J. Sadoff. 2,137,901; Nov. 22.  
 Sausage skins or casings, Manufacture of artificial. H. Freudenberg and O. W. Becker. 2,114,220; Apr. 12.  
 Sausage skins, Producing artificial. G. Huckfeldt and A. Bergmann. 2,125,025; July 26.  
 Sausage twisting machine. E. G. Hodge. 2,111,185; Mar. 15.  
 Sausages, Treatment of. R. W. Reeve. 2,140,166; Dec. 13.  
 Saw. E. D. Caldwell. 2,128,691; Aug. 30.  
 Saw. R. M. Dunham. 2,105,030; Jan. 11.  
 Saw. L. N. Miller. 2,120,897; June 14.  
 Saw. W. E. and J. S. Miner. 2,122,196; June 28.  
 Saw, Adjustable swing. J. Hajicek. 2,134,555; Oct. 25.  
 Saw and chopper, Combination portable. J. Holy. 2,114,423; Apr. 19.  
 Saw and saw collar. C. A. B. Modin. 2,111,986; Mar. 22.



- Saw apparatus, Circular. H. E. Tautz. 2,106,288; Jan. 25.
- Saw attachment for portable electric drills. A. F. Kirby. 2,122,611; July 5.
- Saw, Band. H. J. Goff and E. O. Setzer. 2,126,382; Aug. 9.
- Saw blade attachment. A. O. Schaefer. 2,109,625; Mar. 1.
- Saw blade, Hole. E. E. Thatcher. 2,140,192; Dec. 13.
- Saw blade, Inserted tooth. R. C. Chariton. 2,117,147; May 10.
- Saw blade supporting and clamping device. G. J. Blum. 2,139,147; Dec. 6.
- Saw blades, Gauging. W. J. Baumann. 2,112,432; Mar. 29.
- Saw blades particularly in sawmills, Device for stretching. A. Wasserkampf. 2,113,909; Apr. 12.
- Saw, Chain. A. Lange. 2,109,702; Mar. 1.
- Saw, Circular. J. G. Colligs. 2,121,069; June 21.
- Saw, Circular. C. M. Willson. 2,117,586; May 17.
- Saw clamp. J. Alexander. 2,118,876; May 31.
- Saw, Compass. C. H. and J. C. Raines. 2,128,471; Aug. 30.
- Saw construction. J. S. Coleman. 2,140,496; Dec. 20.
- Saw filing machine. T. H. Gavin. 2,115,712; May 3.
- Saw filing machine. H. E. Hamilton. 2,110,396; Mar. 8.
- Saw filing machine. J. L. Torgerson. 2,125,755; Aug. 2.
- Saw for removing plaster casts. C. N. Jaworski. 2,139,272; Dec. 6.
- Saw, Mounting and supporting a. J. F. Olson. 2,125,395; Aug. 2.
- Saw, Power. A. C. Elder. 2,137,893; Nov. 22.
- Saw, Power driven log. J. P. Umhoefer and G. H. and J. R. Albers. 2,128,864; Aug. 30.
- Saw, Power meat band. C. G. Biro. 2,120,963; June 21.
- Saw set. D. E. Gommel. 2,135,891; Nov. 8.
- Saw set. E. Platter. 2,141,695; Dec. 27.
- Saw set device. D. S. Forester. 2,136,291; Nov. 8.
- Saw setting machine. C. G. Biro. 2,109,161; Feb. 22.
- Saw, Stone cutting wire. A. E. Wienholz. 2,123,619; July 12.
- Saw teeth. R. A. Balfour and F. H. Hale. 2,141,504; Dec. 27.
- Saw, Tilting arbor table. W. F. Ocenasek. 2,131,492; Sept. 27.
- Saw tooth. W. E. Gibbs. 2,127,112; Aug. 16.
- Saw tooth setter. J. N. Alexander. 2,123,296; July 12.
- Sawing apparatus. P. E. Hunter and E. Nightingale. 2,104,258; Jan. 4.
- Scaffold. D. E. Beatty and I. G. Rambo. 2,126,720; Aug. 16.
- Scaffold. C. K. Lamb. Re. 2,065,3; Feb. 15.
- Scaffold. C. K. Lamb. 2,136,696; Nov. 15.
- Scaffold, Adjustable window. A. R. Schulz, Jr. 2,126,218; Aug. 9.
- Scaffold, Adjustable. H. Castady. 2,140,617; Dec. 20.
- Scaffold board and ladder. C. Alber. 2,118,585; May 24.
- Scaffold bracket. W. R. Leeworthy. 2,121,704; June 21.
- Scaffold bracket. R. A. Uecker, I. G. Rambo, and D. E. Beatty. 2,125,830; Aug. 2.
- Scaffold horse. M. Praeger. 2,131,356; Sept. 27.
- Scaffold, ironing board and table, Combined. A. H. Grimpe. 2,109,994; Mar. 1.
- Scaffold, Portable window. E. E. Hall. 2,106,002; Jan. 18.
- Scaffold, Power driven. H. P. Fisher. 2,112,837; Apr. 5.
- Scaffolding coupling. J. Burton. 2,107,407; Feb. 8.
- Scaffolding structure. D. H. Jones. 2,113,196; Apr. 5.
- Scaffolding structure. D. H. Jones. 2,118,467; May 24.
- Scale. B. W. King. 2,117,847; May 17.
- Scale. P. J. Kircher. 2,105,219; Jan. 11.
- Scale. J. M. Triner. 2,133,261; Nov. 29.
- Scale. E. J. Von Pein. 2,129,800; Sept. 13.
- Scale. E. J. Von Pein. 2,137,150; Nov. 15.
- Scale and indicator operating means therefor. H. D. Ridge. 2,124,357; July 19.
- Scale, Automatic grading. H. E. Thompson. 2,108,731; Feb. 15.
- Scale, Automatic weighing. W. J. Beck. 2,131,034; Sept. 27.
- Scale, Automatic weighing. E. W. Vredenburg. 2,112,977; Apr. 5.
- Scale, Bathroom. E. E. Benedict. 2,108,575; Feb. 15.
- Scale, Bathroom. E. E. Benedict. 2,141,236; Dec. 27.
- Scale, Computing. P. M. Cole. 2,140,984; Dec. 20.
- Scale, Conveyor. L. P. Pennell, W. F. Stone, and W. E. Naylor. 2,104,546; Jan. 4.
- Scale, Crane. W. G. Wehr. 2,113,336-7; Apr. 5.
- Scale, Drilling fluid tester. P. H. Jones. 2,132,736; Oct. 11.
- Scale duplicator. L. M. Samuels. 2,122,440; July 5.
- Scale for measuring lengths. H. Lindner. 2,111,977; Mar. 22.
- Scale from boilers, Removing. D. F. Murphy. 2,136,392; Nov. 15.
- Scale from water jackets of internal combustion engines, Apparatus for removing. S. J. Burris. 2,115,193; Apr. 26.
- Scale, Heart beat indicator. A. B. Jacobus and H. A. Hadley. 2,141,246; Dec. 27.
- Scale, Hydraulic. W. P. Brasher. 2,109,460; Mar. 1.
- Scale, Hydraulic weighing. E. K. Benedek. 2,107,883; Feb. 8.
- Scale in evaporators, Removing and/or preventing the deposition of. C. F. Weston. 2,106,196; Jan. 25.
- Scale, Indicating. E. D. Fear and T. L. Siebenthaler. 2,126,377; Aug. 9.
- Scale, Load holding weighing. E. G. Brisse. 2,113,168; Apr. 5.
- Scale pencil holder. O. W. Koch. 2,117,335; May 17.
- Scale, Proportional. G. Gottlieb. 2,123,674; July 12.
- Scale, Recording track. L. S. Williams. 2,133,760; Oct. 18.
- Scale, Serving counter. S. R. McKinney. 2,111,671; Mar. 22.
- Scale trap. F. E. Chernosky. 2,124,244; July 19.
- Scale, Weighing. W. A. Flumerfelt. 2,121,481; June 21.
- Scale, Weighing. L. Jaenichen. 2,128,148; Aug. 23.
- Scale, Weighing. L. T. Johnson. 2,119,106; May 31.
- Scale, Weighing. C. O. Marshall. 2,128,491; Aug. 30.
- Scale, Weighing. F. V. Waltz. 2,109,001; Feb. 22.
- Scaled bearing. E. C. Brodin. 2,114,954; Apr. 19.
- Scalloping device. C. Seaman. 2,113,948; Apr. 12.
- Scalp cooling apparatus. Z. V. Wood and G. B. Melton. 2,107,557; Feb. 8.
- Scalp cooling appliance. H. W. Ferguson. 2,110,463; Mar. 8.
- Scalp cooling appliance. H. W. Ferguson. 2,110,648; Mar. 8.
- Scalp cooling device. B. B. Cole. 2,139,001; Dec. 6.
- Scalpel. S. Rothschild. 2,131,358; Sept. 27.
- Scanning apparatus, Electrooptical. F. Gray. 2,109,744; Mar. 1.
- Scanning device. J. H. Jeffree. 2,140,584; Dec. 20.
- Scanning device. J. M. Robinson. 2,136,926; Nov. 15.
- Scanning device. S. Schiller. 2,113,411; Apr. 5.
- Scanning device for television apparatus. E. Traub. 2,139,869; Dec. 13.
- Scanning process. A. J. Cawley. 2,138,089; Nov. 29.
- Scarf. S. B. Preston. 2,131,118; Sept. 27.
- Scarf. L. K. Thorman. 2,112,774; Mar. 29.
- Scavenging implement. C. G. Williams. 2,122,767; July 5.
- Scavenging means for internal combustion engines. H. Alfaro. 2,126,860; Aug. 16.
- Scenes on a motion picture film, Transition of. W. V. Draper. 2,133,085; Oct. 11.
- Scholar's companion. N. Scandore. 2,105,163; Jan. 11.
- School bag. W. T. Leatherdale. 2,113,327; Apr. 5.
- Scissors, Folding. B. J. Florian. 2,126,699; Aug. 16.
- Scissors, Kitchen. A. Voss. 2,131,395; Sept. 27.
- Scoop, Crankcase scavenging. H. C. Hill and A. Landauer. 2,137,400; Nov. 22.
- Scooter. J. C. Ruzich. 2,134,318; Oct. 25.
- Scooter, Front drive. J. M. Welch. 2,123,390; July 12.
- Scope stand. E. F. Haeger. 2,128,409; Aug. 30.
- Scoring apparatus. H. Thorne. 2,135,649; Nov. 8.
- Scoring board, Cribbage and card. R. Robitaille and J. Muggah. 2,111,331; Mar. 15.
- Scoring means for game boards. T. E. Brown, Jr. 2,117,398; May 17.
- Scotometer, Central vision. C. E. and G. R. Ferree. 2,124,229; July 19.
- Scour-all or scraper, Rubberized. M. E. Samuel. 2,115,216; Apr. 26.
- Scouring device. A. M. Goodloe. 2,140,578; Dec. 20.
- Scouring implement. R. B. Kingman. 2,129,279; Sept. 6.
- Scraper. W. J. Adams. 2,131,421; Sept. 27.
- Scraper. G. S. Allin. 2,111,134; Mar. 15.
- Scraper. E. W. Ericsson. 2,133,087; Oct. 11.
- Scraper. L. P. Green. 2,109,195; Feb. 22.
- Scraper. J. P. Heil. 2,105,320; Jan. 11.
- Scraper. J. P. Heil. 2,112,288; Mar. 29.
- Scraper. J. P. Heil. 2,136,102; Nov. 8.
- Scraper. A. A. Liebelt. 2,125,859; Aug. 2.
- Scraper. C. Romeo. 2,116,282; May 3.
- Scraper and grader, Combined. G. Ruff. 2,104,675; Jan. 4.
- Scraper attachment. O. E. V. Oslund. 2,139,769; Dec. 13.
- Scraper attachment for blowtorches. M. Laskin. 2,133,922; Oct. 18.
- Scraper, Bar screen. R. E. Briggs. 2,128,348-9; Aug. 30.
- Scraper, Carrier. E. McAlpin. 2,131,961; Oct. 4.
- Scraper, Carrying. R. A. Grant. 2,125,558; Aug. 2.
- Scraper, Carrying. R. G. Le Tourneau. 2,127,223; Aug. 10.
- Scraper, Combination fixed blade and tilting bowl. W. J. Adams, Jr. 2,124,408; July 19.
- Scraper, Dragline rock. A. O. Olson. 2,129,955; Sept. 13.
- Scraper, Earth. N. R. and C. R. Post. 2,138,820; Dec. 6.
- Scraper for harvester threshers, Border. C. H. Raney and A. B. Welty. 2,136,637; Nov. 15.
- Scraper for pipe type chillers, Spiral. R. E. Kaster. 2,117,175; May 10.
- Scraper for strip metal stock, Automatic. F. H. Naish. 2,116,980; May 10.
- Scraper for track motor cars, Ice. J. A. Hansen. 2,105,416; Jan. 11.
- Scraper, Gutter. E. C. Ferris. 2,109,635; Mar. 1.
- Scraper, Hand. G. D. Long. 2,106,655; Jan. 18.
- Scraper installation, Underbody. G. D. Simonds. 2,129,970; Sept. 13.
- Scraper loading apparatus. L. A. Currier. 2,132,401; Oct. 11.



- Scraper loading apparatus. R. C. Osgood and L. A. Currier. 2,123,909; July 19.
- Scraper, Paraffin. M. A. Cowen. 2,130,267; Sept. 13.
- Scraper, Razor blade. R. L. Wolfe. 2,105,960; Jan. 18.
- Scraper, Rolling pin. H. Hansen. 2,118,923; May 31.
- Scraper, Rotary. H. M. Livingston. 2,109,394; Feb. 22.
- Scraper, Telescoping. R. G. Le Tourneau. 2,112,105; Mar. 22.
- Scraper, Tractor wheel. M. R. McNally. 2,108,291; Feb. 15.
- Scraper, Wagon. W. J. Adams. 2,136,203; Nov. 8.
- Scraper, Wheeled. F. S. Dobson. 2,139,261; Dec. 6.
- Scraper, Wheeled. T. R. Paulsen. 2,106,759; Feb. 1.
- Scrapers, Attachment for tailboard. G. S. Spreyer. 2,130,974; Sept. 20.
- Scraping device for containers. D. Reid. 2,124,929; July 26.
- Scraping tool. L. Seguin. 2,125,653; Aug. 2.
- Screed support. C. P. De Biasi. 2,129,568; Sept. 6.
- Screen: See—
- Adjustable screen. Motion picture screen.
  - Auto window screen. Projection screen.
  - Belt and grader screen. Radiator grille screen.
  - Diffusion screen. Radiator screen.
  - Display screen. Roller screen.
  - Fine grain translucent screen. Shaker screen.
  - Flat screen. Translucent screen.
  - Fluorescent screen. Trommel screen.
  - Fly screen. Vehicle screen.
  - Framed screen. Vibrating endless screen.
  - Glare screen. Vibrating screen.
  - Horizontal vibrating screen. Vibratory screen.
  - Lighting fixture screen. Well screen.
  - Luminescent screen. Window screen.
  - Wringing screen.
- Screen. S. B. Davies. 2,128,603; Aug. 30.
- Screen. O. G. Kell. 2,115,110; Apr. 26.
- Screen. L. G. Symons. 2,118,782; May 24.
- Screen and draft control, Fireplace. E. T. Brown. 2,124,135; July 19.
- Screen and making same, Sound permeable picture projection. K. Patzwaldt. 2,130,704; Sept. 20.
- Screen and method of stereoscopic vision, Stereoscopic. R. I. Stearns. 2,133,121; Oct. 11.
- Screen and method of use, Luminescent. P. T. Farnsworth. 2,104,253; Jan. 4.
- Screen and negative, Combined half-tone. L. Flader. 2,134,080; Oct. 25.
- Screen and producing it, Projection. D. F. Newman. 2,122,890; July 5.
- Screen and synchronized light field. B. Schlanger and J. Gilston. 2,117,857; May 17.
- Screen construction. H. H. Everhard. 2,126,544; Aug. 9.
- Screen construction and method, Roller. W. E. Kemp. 2,138,105; Nov. 29.
- Screen construction, Roller. M. Barrow. 2,138,564; Nov. 29.
- Screen door. G. Schlatt. 2,122,155; June 28.
- Screen door spring. A. L. Timmons. 2,129,338; Sept. 6.
- Screen for automobile radiators. B. Wengard. 2,116,857; May 10.
- Screen for automobiles, Detachable. L. G. Gill. 2,139,156; Dec. 6.
- Screen for automobiles, Light. J. Frank. 2,106,889; Feb. 1.
- Screen for stereoscopic projections, Colored. L. Lumière. 2,136,303; Nov. 8.
- Screen for the production of stereoscopic images. A. H. J. de L. Saint Genies. 2,131,974; Oct. 4.
- Screen for three-dimensional projections. A. M., and A. Martinez. 2,132,904; Oct. 11.
- Screen for tobacco pipes. J. E. Groulx. 2,129,129; Sept. 6.
- Screen for X-ray photographs. K. Würstlin and K. Grabbe. 2,129,295; Sept. 6.
- Screen for X-ray photography. K. Würstlin. 2,129,296; Sept. 6.
- Screen, Forming a fluorescent. J. C. Batchelor. 2,119,309; May 31.
- Screen material. A. Schleede and B. Bartels. 2,117,858; May 17.
- Screen plates, Making. W. Raisch. 2,134,146; Oct. 25.
- Screen retaining unit. C. J. Nicholson. 2,134,454; Oct. 25.
- Screen scraper, Bar. R. E. Briggs. 2,128,346; Aug. 30.
- Screen stenciling composition. G. R. Stocker. 2,136,985; Nov. 15.
- Screen structure. D. F. Newman. 2,107,707-8; Feb. 8.
- Screen structure, Mosaic. H. A. Iams. 2,120,099; June 7.
- Screen structure, Roll. W. E. Kemp. 2,107,755; Feb. 8.
- Screen unit for ball mills. J. Seroy. 2,124,127; July 19.
- Screen washer. T. S. Park. 2,120,988; June 21.
- Screen, Well. W. E. Harrington. Re. 2,06,448; Feb. 1.
- Screening and scrubbing apparatus, Combination. W. L. Weisleder. 2,128,276; Aug. 30.
- Screening device. J. E. Greenawalt. 2,112,886; Apr. 5.
- Screening device. J. W. McNeely. 2,119,595; June 7.
- Screens, Making fluorescent. H. W. Leverenz. 2,108,683; Feb. 15.
- Screens, Making ruled. H. Eckerlin. 2,123,276; July 12.
- Screens, Making sewage. J. Schaaf. 2,127,270; Aug. 16.
- Screw. C. G. Olson. 2,129,440; Sept. 6.
- Screw adjusting device, Lead. A. H. Starkweather. 2,136,642; Nov. 15.
- Screw anchor, Machine. M. L. Schulte. 2,120,577; June 14.
- Screw and bolt driving and nut running machine. K. E. Whitney and A. G. Decker. 2,130,111; Sept. 13.
- Screw and lock washer assembly. E. C. Crowther. 2,113,424-5; Apr. 5.
- Screw and nut device. L. Kamenarović. 2,137,573; Nov. 22.
- Screw and nut for a tucking knife, Clamp. A. Gellman. 2,133,812; Oct. 18.
- Screw and nut mechanism. A. G. Cooley and G. V. V. Dillenback, Jr. 2,138,784; Nov. 29.
- Screw arrangement for revolving chairs and the like, Automatic. J. Merivaara. 2,137,178; Nov. 15.
- Screw, Conveyer. A. Winterlich. 2,121,462; June 21.
- Screw, Conveyer feed. S. C. Gebert. 2,138,576; Nov. 29.
- Screw driver. G. P. Blackburn. 2,116,775; May 10.
- Screw driver. R. J. Velepec. 2,141,072; Dec. 20.
- Screw driver and socket wrench attachment. T. Miller. 2,108,344; Feb. 15.
- Screw driver and voltage detector. F. F. O'Brien and H. D. Menkel. 2,116,448; May 3.
- Screw extractor. E. F. Jackman. 2,121,197; June 21.
- Screw gauging machine. K. E. Summers. 2,111,252; Mar. 15.
- Screw, Knurled socketed. W. A. Purtell. 2,133,465; Oct. 18.
- Screw locking. J. Meersteiner. 2,109,778; Mar. 1.
- Screw locking means. M. H. Redmer. 2,106,278; Jan. 25.
- Screw or bolt, Closed head socket-head. W. D. Webb. 2,133,409; Oct. 18.
- Screw or like fastener, Socket head cap. H. Rosenberg. 2,136,523; Nov. 15.
- Screw or the like fasteners, Forming cap. H. Rosenberg. 2,136,524; Nov. 15.
- Screw press. H. A. Hartner. 2,119,162; May 31.
- Screw press. M. A. Johansen. 2,104,197; Jan. 4.
- Screw propeller. G. H. McLeod. 2,104,306; Jan. 4.
- Screw take-up, Protected. R. F. Bergmann. 2,114,555; Apr. 19.
- Screw, Tapping. C. G. Olson. 2,136,458; Nov. 15.
- Screw-threaded necks, Apparatus for forming. J. Dichter. 2,107,979; Feb. 8.
- Screw threads by grinding, Producing and/or finishing. S. J. Harley. 2,138,739; Nov. 29.
- Screw threads, Method and apparatus for producing. W. Trurnit. 2,129,290; Sept. 6.
- Screw with automatically variable pitch, Air. R. R. Gobereau. 2,113,478; Apr. 5.
- Screw with socketed head and plurality of slots. F. K. Brown. 2,140,449; Dec. 13.
- Screws, Manufacture of. H. C. Erdman. 2,125,272; Aug. 2.
- Screws, Method of and apparatus for making knurled socketed. W. A. Purtell. 2,133,466; Oct. 18.
- Screws, Method and apparatus for making knurled socketed. W. A. Purtell. 2,133,467; Oct. 18.
- Scriber, Adjustable metal thickness. G. E. Corbin. 2,119,852; June 7.
- Scriber for moving picture films. J. M. Goldberg. 2,134,938; Nov. 1.
- Script timing device. R. J. Colin. 2,116,507; May 10.
- Scrubber structure. A. R. Lofstrand, Sr. 2,123,308; July 12.
- Scrubbing machine for floors and floor coverings. A. B. Beitman. 2,121,649; June 21.
- Scumming apparatus for liquids. R. T. Steindorf and A. C. Lind. 2,135,442; Nov. 1.
- Scutcher or picker with hopper feeder, Single process. J. G. Kershaw. 2,137,774; Nov. 22.
- Seythe snath web. E. N. Birge. 2,135,273; Nov. 1.
- Seaweed, Treating. V. C. E. Le Gloahac and J. R. Herter. 2,128,551; Aug. 30.
- Seal. F. Keidel. 2,140,320; Dec. 13.
- Seal. O. F. Nelson. 2,137,303; Nov. 22.
- Seal. R. R. Searles. 2,137,546; Nov. 22.
- Seal and production, Tamperproof. R. S. Peirce. 2,108,942; Feb. 22.
- Seal and reservoir construction for compressor crankshafts, Oil. E. S. H. Baars. 2,133,524; Oct. 18.
- Seal, Axle bearing. W. C. Sanders. 2,133,230; Oct. 11.
- Seal, Bag. H. L. C. Wenk, Jr. 2,140,777; Dec. 20.
- Seal, Bearing. L. H. Browne. 2,124,183; July 19.
- Seal between machine members, Fluid tight. N. Archer. 2,109,985; Mar. 1.
- Seal, Bottle. A. Solomon. 2,236,896; Nov. 15.
- Seal, Car. B. Borland. 2,130,787; Sept. 20.
- Seal, Envelope. E. W. Sharkey. 2,110,277; Mar. 8.
- Seal, Filling valve. J. Kantor and E. Marovitz. 2,112,199; Mar. 22.
- Seal fitting, Air. J. H. Clo. 2,112,519; Mar. 29.
- Seal, Fluid. A. D. Owen. 2,123,079; July 5.
- Seal for ball bearing structures. F. W. Cotterman. 2,104,188; Jan. 4.
- Seal for bearing mechanisms. T. Barish. 2,118,027; May 24.
- Seal for centrifugal pump. R. H. Goddard. 2,127,865; Aug. 23.
- Seal for combustion engines. S. R. Puffer. 2,112,045; Mar. 22.



- Seal for crushing machines, Dust. M. R. Hull, B. C. Morrow, and W. H. Casto. 2,134,876; Nov. 1.
- Seal for discharge lamps. J. W. Marden. 2,123,015; July 5.
- Seal for frames, Weatherproofing. W. R. Corey. 2,111,888; Mar. 22.
- Seal for gyratory crushers, Dust. R. C. Newhouse and G. F. De Wein. 2,134,885; Nov. 1.
- Seal for hammer mills, Screen. R. D. MacDonald. 2,125,352; Aug. 2.
- Seal for journal boxes, Oil and dust. A. Vigne. 2,105,871; Jan. 18.
- Seal for light-sensitive material, Hermetic. C. S. Treacy. 2,140,725; Dec. 20.
- Seal for packages, Air and moisture proof rip. H. Schünemann. 2,120,629; June 14.
- Seal for pump structures. S. C. Bliss. 2,106,884; Feb. 1.
- Seal for refrigerating apparatus. O. M. Summers. 2,115,346; Apr. 26.
- Seal for refrigerating apparatus. G. F. Weiher. 2,108,760; Feb. 15.
- Seal for rotary concrete mixing drums. J. P. Faber. 2,122,249; June 28.
- Seal for rotary shafts. E. A. Lapham. 2,116,397; May 3.
- Seal for submersible bucket dredges, Lower tumbler bearing. R. L. Tamerlane. 2,127,493; Aug. 23.
- Seal for tubes. H. W. Dittmeyer. 2,118,073; May 24.
- Seal, Forming a. W. M. Brooks. 2,116,338; May 3.
- Seal, Gear pump. G. F. Maglott. 2,105,428; Jan. 11.
- Seal, Greenhouse glass. M. Morris. 2,122,869; July 5.
- Seal, Hasp. E. Dietze. 2,105,524; Jan. 18.
- Seal, Ignitron. D. E. Marshall. 2,130,888; Sept. 20.
- Seal, Lead. L. A. Layne. 2,120,982; June 21.
- Seal, Lead-in. W. Ziegenbein. 2,141,677; Dec. 27.
- Seal, Light. J. H. S. Parker. 2,114,638; Apr. 19.
- Seal, Making a glass. E. A. Pelton. 2,104,166; Jan. 4.
- Seal, Making an oil. S. C. Leonard, Jr. 2,122,477; July 5.
- Seal, Mechanical. W. E. Amberg. 2,108,701; Feb. 15.
- Seal, Oil. T. E. Nelson. 2,132,042; Oct. 4.
- Seal, Pump. J. A. MacLean. 2,136,799; Nov. 15.
- Seal, Quartz. N. L. Harris and J. W. Ryde. 2,113,984; Apr. 12.
- Seal, Quartz-to-metal. C. Bol and H. J. Lemmens. 2,114,869; Apr. 19.
- Seal, Meter protective cabinet. W. S. Davis and A. R. Kuhn. 2,142,048; Dec. 27.
- Seal, Producing a. R. B. Gray and H. M. Shealey. 2,140,672; Dec. 20.
- Seal, Rectifier. A. Gaudenzi. 2,111,142; Mar. 15.
- Seal, Rotary. A. Weiland. 2,131,544; Sept. 27.
- Seal, Shaft. G. M. Evans. 2,127,591; Aug. 23.
- Seal, Shaft. W. W. Wishart. 2,140,304; Dec. 13.
- Seal, Submersible pump set. V. Gutmann. 2,140,356; Dec. 13.
- Seal, Water pump. W. M. Baumheckel. 2,113,167; Apr. 5.
- Sealed connector. J. A. Obermaier. 2,131,066; Sept. 27.
- Sealed receptacle. E. H. Fabrice. 2,134,359; Oct. 25.
- Sealer, Can. C. Nelson. 2,132,041; Oct. 4.
- Sealer, Can. C. Nelson. 2,133,869; Oct. 18.
- Sealed container. J. D. Reifsnnyder. 2,141,556; Dec. 27.
- Sealer, Milk can. A. Partin. 2,123,795; July 12.
- Sealing and dispensing means for bottles. L. Fisher. 2,114,797; Apr. 19.
- Sealing and lubricating device. C. C. Farmer. 2,135,251; Nov. 1.
- Sealing apparatus. G. Slayer. 2,109,258; Feb. 22.
- Sealing composition for waterless gas holders. W. H. Hampton and T. W. Doell. 2,138,158; Nov. 29.
- Sealing composition, using same, and articles made therewith. K. Schwartzwalder and W. S. Kirk. 2,106,578; Jan. 25.
- Sealing compound, Mortician's. F. E. Williams. 2,132,665; Oct. 11.
- Sealing construction. C. Strecker. 2,110,098; Mar. 1.
- Sealing container. F. O. L. Chorlton. 2,122,087; June 28.
- Sealing device. C. E. Evans. 2,128,128; Aug. 23.
- Sealing device. H. Hornschuch. 2,128,744; Aug. 30.
- Sealing device. T. H. Mayfield. 2,133,555; Oct. 18.
- Sealing device for meters. H. A. Bakke. 2,118,638; May 24.
- Sealing device for pipe joints. J. W. Shkolnick. 2,130,039; Sept. 13.
- Sealing device for pumps. A. Neveling, Sr. 2,100,679-80; Mar. 1.
- Sealing, Hermetic package. R. M. Bergstein. 2,114,622; Apr. 19.
- Sealing-in apparatus for electric lamps and the like. W. W. Loebe, G. Müller, and K. Weinmann. 2,135,290; Nov. 1.
- Sealing insertion. G. Meerbeck. 2,116,277; May 3.
- Sealing means. G. H. Coulter and C. E. Godley. 2,114,957; Apr. 19.
- Sealing means. F. W. Peters. 2,121,299; June 21.
- Sealing means. M. A. Pixley and B. H. McCloud. 2,113,744; Apr. 12.
- Sealing means. H. L. Reitzes. 2,133,716; Oct. 18.
- Sealing means. H. G. Vaughn. 2,121,843; June 28.
- Sealing means for heater doors. A. D. Olds. 2,107,762; Feb. 8.
- Sealing means for high frequency concentric cables. F. Paasche. 2,123,061; July 5.
- Sealing means for segmental gates. L. E. Knerr. 2,126,783; Aug. 16.
- Sealing means for tanks, Peripheral. B. Lentschewsky. 2,108,380; Feb. 15.
- Sealing mechanism. L. Benoit and C. C. Moth. 2,116,259; May 3.
- Sealing mechanism for bread wrapping machines. D. M. Fincke. 2,114,833; Apr. 19.
- Sealing plate for sandfilter cleaners. W. C. Laughlin. 2,141,153; Dec. 20.
- Sealing ring. D. W. Thomas. 2,130,701; Sept. 20.
- Sealing ring for containers. B. B. Daggett. 2,115,361; Apr. 26.
- Sealing rings, Closing. E. E. Shanor. 2,108,024; Feb. 8.
- Sealing, supporting, and cushioning assembly. J. M. W. Chamberlain. 2,116,099; May 3.
- Seals, Manufacturing oil. H. L. Northup and J. Agger. 2,127,982; Aug. 23.
- Seals, Method and apparatus for lapping. H. W. Avery. 2,136,036; Nov. 8.
- Seals, Method of and apparatus for applying metallic. M. Canter. 2,122,557; July 5.
- Seals to newspapers and other printed matter, Affixing advertising. W. Schöler. 2,110,683; Mar. 8.
- Seam. B. H. Lustberg. 2,115,368; Apr. 26.
- Seam and making same, Waterproof. J. P. Bodle. 2,120,458; June 14.
- Seam and making same, Wire fabric. W. J. Taylor. 2,137,789; Nov. 22.
- Seam for alloy liners in vessels, Welded. L. J. Larson. 2,111,791; Mar. 22.
- Seam for can bodies, Side. J. Henchert. 2,112,670; Mar. 29.
- Seam for garments, Elastic. H. Diamond. 2,141,239; Dec. 27.
- Seam for metal can bodies, Side. J. H. O'Neil. 2,124,004; July 19.
- Seam for metal can bodies, Side. W. F. Punte. 2,106,656; Jan. 25.
- Seam for sewing together fabrics. G. Huber. 2,110,667; Mar. 8.
- Seam opener and turner for pants. R. L. Fulps. 2,108,372; Feb. 15.
- Seam protecting mechanism for cloth shearing machines. C. H. Coolidge. 2,112,905; Apr. 5.
- Seam, Tank roof. F. Hahn and L. W. Schrader. 2,141,861; Dec. 27.
- Seam-wire and making wire-cloth seams. N. W. Webb. 2,116,812; May 10.
- Seamed bag. W. W. Rowe. 2,106,875; Feb. 1.
- Seaming device. H. Erxleben. 2,120,607; June 14.
- Seaming head. N. P. Bach. 2,130,518; Sept. 20.
- Seams, Apparatus for testing plate. H. L. Newby. 2,108,176; Feb. 15.
- Searchlight. P. Müller. 2,114,232; Apr. 12.
- Searchlight. I. A. Yost and W. H. Jacobl. 2,134,847; Nov. 1.
- Searchlight and tester, Combined. W. S. Little. 2,131,351; Sept. 27.
- Searchlights, Cooling and ventilating system for. I. A. Yost and W. H. Jacobl. 2,137,103; Nov. 15.
- Seat; See—
- |                          |                 |
|--------------------------|-----------------|
| Adjustable seat.         | Portable seat.  |
| Adjustable vehicle seat. | Reclining seat. |
| Annular valve seat.      | Revolving seat. |
| Auto seat.               | Saddle seat.    |
| Automobile seat.         | Slidable seat.  |
| Bathtub seat.            | Spring seat.    |
| Car seat.                | Stadium seat.   |
| Chair seat.              | Toilet seat.    |
| Child's toilet seat.     | Valve seat.     |
| Folding seat.            | Vehicle seat.   |
| Heel seat.               | Window seat.    |
| Locomotive seat.         |                 |
- Seat. W. Lasch. 2,122,347; June 28.
- Seat. E. M. Mensendieck and O. Utne. 2,139,028; Dec. 6.
- Seat adjuster. E. G. Simpson and A. C. Andersen. 2,124,754-5; July 26.
- Seat and automatic closure for dry closets, Combined. W. A. Campbell and R. Givens. 2,136,489; Nov. 15.
- Seat and lid, Toilet. C. E. Wexelberg. 2,132,550; Oct. 11.
- Seat attachment, Adjustable bathtub. G. B. Bentz. 2,113,189; Apr. 5.
- Seat attachment, Bathtub. G. B. Bentz. 2,113,190; Apr. 5.
- Seat attachment, Bathtub. G. B. Bentz. 2,127,762; Aug. 23.
- Seat attachment to release sanitary tissue cover, Toilet. E. Kreutzig. 2,123,012; July 5.
- Seat back. C. A. Van Derveer. 2,138,314; Nov. 20.
- Seat back adjusting device. L. S. Whedon. 2,118,600; May 24.
- Seat back, Braced. L. S. Whedon. 2,118,456; May 24.
- Seat, berth, and dressing compartment, Vehicle. C. F. Wren. 2,113,558; Apr. 5.
- Seat construction. H. A. Campbell and G. H. Vinette. 2,121,856; June 28.
- Seat construction. F. O. Church. 2,107,052; Feb. 1.
- Seat construction. F. O. Church. 2,135,657; Nov. 8.
- Seat construction. E. R. Fensin. 2,141,710; Dec. 27.
- Seat construction. C. H. Menge. 2,116,402; May 3.



- Seat construction, Automobile. J. Galamb and C. F. Kramer. 2,132,729; Oct. 11.
- Seat construction, Auxiliary. F. J. Westrope, A. H. Haberstump, and A. Person. 2,140,122; Dec. 13.
- Seat construction for motor vehicles, and the like. L. A. Suekoff. 2,119,758; June 7.
- Seat construction, Spring. A. W. Steffens. 2,127,093; Aug. 16.
- Seat construction, Spring web. F. A. Herman. 2,118,974; May 31.
- Seat control mechanism, Reclining. J. M. Knight. 2,130,767; Sept. 20.
- Seat controlling mechanism. L. G. S. Whedon and A. A. Grinnell. 2,111,519; Mar. 15.
- Seat cover operator, Closet. T. F. Hill. 2,117,663; May 17.
- Seat deflector, Foldable closet. G. B. Bentz. 2,133,416; Oct. 18.
- Seat enclosure, Rumble. J. F. Grauel. 2,120,463; June 14.
- Seat for amusement slides. G. H. Drabenstott. 2,125,773; Aug. 2.
- Seat for farm machinery, Driver's. G. Mendall. 2,131,963; Oct. 4.
- Seat for toilet and other sanitary receptacles. W. C. Groeriger. 2,120,493; June 4.
- Seat for vehicles, Adjustable. E. B. G. Lefevre. 2,134,135; Oct. 25.
- Seat frame and stanchion, Combined. W. T. Russell. 2,139,852; Dec. 13.
- Seat holder, Automobile. J. F. Lescallett. 2,132,305; Oct. 4.
- Seat inflation device, Automobile. G. B. Jensen. 2,136,510; Nov. 15.
- Seat mechanism, Reclining. G. K. Bradfield, Jr. 2,112,265; Mar. 29.
- Seat mechanism, Walk-over. J. M. Knight and J. Schlenker. 2,130,766; Sept. 20.
- Seat or the like. F. E. Schumann. 2,129,481; Sept. 6.
- Seat pad. C. H. Pickard. 2,119,025; May 31.
- Seat post mounting. S. A. Snell. 2,130,252; Sept. 13.
- Seat slide, Adjustable. R. G. Moore. 2,127,610; Aug. 23.
- Seat slide assembly. J. T. Atwood and D. E. Crabb. 2,129,637; Sept. 13.
- Seat spring. L. F. Busha. 2,116,012; May 3.
- Seat structure. A. E. Forester. 2,104,982; Jan. 11.
- Seat structure. C. E. Yost and E. B. Morgan. 2,113,103; Apr. 5.
- Seat structure, Aeroplane. R. C. Miller. 2,106,985; Feb. 1.
- Seat structure, Vehicle. L. S. Whedon and A. A. Grinnell. 2,121,238; June 21.
- Seat support. W. S. Saunders and T. A. McGregor. 2,130,159; Sept. 13.
- Seat support. P. H. Westerlund. 2,130,438; Sept. 20.
- Seat support, Adjustable. W. S. Saunders. 2,139,174; Dec. 6.
- Seat support, Water closet. C. D. Roe. 2,109,829; Mar. 1.
- Seat supporting means. W. S. Saunders and T. A. McGregor. 2,126,142; Aug. 9.
- Seat suspension for vehicles. C. S. Wray. 2,108,222; Feb. 15.
- Seat upholstery unit and making the same. M. E. Darlington. 2,116,102; May 3.
- Sectional door. H. J. Siess and J. E. Casse. 2,126,418; Aug. 9.
- Sectional gear. T. A. Byers. 2,111,088; Mar. 15.
- Securing device. H. G. Lombard. 2,129,949; Sept. 13.
- Securing device. S. M. Nampa. 2,123,286; July 12.
- Securing means. R. Brown. 2,118,372; May 24.
- Sediment remover. P. Kleid. 2,139,961; Dec. 13.
- Sediment tester. C. H. Parsons. 2,110,237; Mar. 8.
- Sedimentation. R. C. Gibbs. 2,141,133; Dec. 20.
- Sedimentation apparatus. H. Hardinge. 2,126,884; Aug. 16.
- Sedimentation apparatus. W. B. Marshall. 2,131,690; Sept. 27.
- Sedimentation apparatus. C. H. Scott. 2,122,384; June 28.
- Sedimentation apparatus. R. T. Steindorf. 2,136,400; Nov. 15.
- Sedimentation apparatus (automatic lifting arm). C. H. Scott. 2,122,383; June 28.
- Sedimentation apparatus (long and short torque arms). C. H. Scott. 2,122,385; June 28.
- Sedimentation apparatus or thickener. E. W. A. and P. H. I. Humphreys, and T. D. Key. 2,136,903; Nov. 15.
- Sedimentation tank. N. B. Lund. 2,134,524; Oct. 25.
- Seed display rack. W. H. Ford and L. G. Walton. 2,139,009; Dec. 6.
- Seed display rack, Package. H. N. Lines. 2,123,787; July 12.
- Seed germinating machine. E. A. Widmann. 2,121,461; June 21.
- Seed grading and cleaning apparatus. O. Sutter. 2,134,216; Oct. 25.
- Seed planter. F. W. Maage and J. Randrup. 2,127,876; Aug. 23.
- Seed separator. C. S. Brye. 2,138,021; Nov. 29.
- Seeder. H. C. Rassmann. 2,106,901; Feb. 1.
- Seeder feed device, Grain. J. I. Hoke. 2,115,167; Apr. 26.
- Seeder, Hand operated. H. E. Brandt and A. Sorensen. 2,123,450; July 12.
- Seeder, Hill dropping. H. Rassmann. 2,141,044; Dec. 20.
- Seeder, Uniform depth. C. E. Huxley. 2,120,331; June 14.
- Seeds and the growth of seedlings, Apparatus for the germination of. H. H. B. Lund. 2,141,478; Dec. 27.
- Seeds, Apparatus for treating. S. B. Jackson. 2,112,159; Mar. 22.
- Seeds of varied characteristics, Apparatus for separating a mass of. H. M. Sutton and E. G. Steele. 2,137,678; Nov. 22.
- Seeds of varied characteristics, Separating a mass of. H. M. Sutton and E. G. Steele. 2,137,679; Nov. 22.
- Seesaw apparatus. J. K. Milton and C. Young. 2,113,488; Apr. 5.
- Segmental bearing. O. K. Graef. 2,137,138; Nov. 15.
- Segmental bearing. W. L. Scribner. 2,109,852; Mar. 1.
- Segmental pulp wheel. G. B. Rickard. 2,104,594; Jan. 4.
- Seismic prospecting, Use of a distributed charge in. S. Sherar. 2,133,484; Oct. 18.
- Seismic surveying. H. Salvatori and J. N. Walstrum. 2,117,365; May 17.
- Seismic surveying, Apparatus for. H. Salvatori. 2,117,364; May 17.
- Seismometer. H. Salvatori. 2,111,643; Mar. 22.
- Selecting and indicating device. V. E. Pratt. 2,130,562; Sept. 20.
- Selection controlling apparatus for telephone systems. T. L. Dimond. 2,126,875; Aug. 16.
- Selective control system, Remote. L. L. E. Chauveau. 2,131,164; Sept. 27.
- Selective switch. W. W. Carpenter and J. N. Reynolds. 2,110,460; Mar. 8.
- Selective switch. C. N. Hickman. 2,120,408; June 14.
- Selective switch. W. H. Matthies. 2,120,413; June 14.
- Selectivity control. J. E. Beggs. 2,133,128; Oct. 11.
- Selectivity control, Automatic. H. F. Mayer. 2,140,391; Dec. 13.
- Selectivity control system. G. L. Beers. 2,105,518; Jan. 18.
- Selector. K. H. Blomberg. 2,127,322; Aug. 16.
- Selector apparatus. Y. Watanabe. 2,116,990; May 10.
- Selector control for carrier conveyers, System of. A. Drenkard, Jr. 2,128,671; Aug. 30.
- Selector device for valve manifolds. P. Clancy. 2,138,802; Nov. 29.
- Selector for control clocks. B. E. Shaw. 2,131,304; Sept. 27.
- Selector for electric connecting systems. M. B. Richter. 2,135,015; Nov. 1.
- Selector mechanism, Electric. R. F. Dirkes. 2,134,708; Nov. 1.
- Selector mechanism, Rapid. W. E. Kierulff. 2,108,561; Feb. 15.
- Selector switch. W. W. Carpenter. 2,123,228; July 12.
- Selector switch. W. W. Carpenter and R. F. Mallina. 2,123,229; July 12.
- Selector system, Multiple. Y. Watanabe. 2,126,846; Aug. 16.
- Selector-translator. H. R. Allensworth. 2,139,655; Dec. 13.
- Selector valve. A. L. Parker. 2,129,231; Sept. 6.
- Selenium, Recovery of. H. C. Dudley. 2,111,112; Mar. 15.
- Self-adjusting brake. H. D. Colman. 2,106,167; Jan. 25.
- Self-adjusting hydraulic brake. H. D. Colman. 2,130,875; Sept. 20.
- Self aligning bearing. E. A. Freed. 2,114,051; Apr. 12.
- Self-angling apparatus for the catch of fish. E. L. Gegerfeldt. 2,122,836; July 5.
- Self-centering device. R. L. Hibbard. 2,112,240; Mar. 29.
- Self-cleaning filter, Continuous. C. J. Blell. 2,139,401; Dec. 6.
- Self-closing valve. P. Herrmann. 2,108,534; Feb. 15.
- Self-energizing clutch. B. A. Swennes. 2,136,063; Nov. 8.
- Self extensible floatlight. H. C. Clauser. 2,114,213; Apr. 12.
- Self-holding plug. R. V. Green. 2,134,475; Oct. 25.
- Self-loading vehicle. J. E. Doran. 2,110,207; Mar. 8.
- Self-loading vehicle. E. C. Leach and O. F. Manthie. 2,124,624; July 26.
- Self locking cable hook. H. D. Dee. 2,116,880; May 10.
- Self-locking container. A. St. Arnaud. 2,137,033; Nov. 15.
- Self-locking coupling. V. Leibo. 2,132,988; Oct. 11.
- Self-lubricating bearing. H. B. Eynon and M. C. Burr. 2,117,550; May 17.
- Self-lubricating bearing. T. L. Gatke. 2,128,087; Aug. 23.
- Self-lubricating bearing. R. H. Whiteley. 2,123,872; July 19.
- Self-priming centrifugal pump. J. W. Gallagher. 2,123,651; July 12.
- Self-priming pump. A. C. Saxe. 2,109,804; Mar. 1.
- Self-propelling vehicle. P. H. and P. S. Huyssen. 2,125,568; Aug. 2.
- Self-righting support. R. W. Hiser. 2,123,420; July 12.
- Self-starting inductor motor, Directional. A. F. Welch. 2,105,513; Jan. 18.



- Self-starting synchronous motor. M. E. Thompson. 2,128,719; Aug. 30.
- Self-steering mechanism for tractors. F. J. Irlbeck. 2,107,535; Feb. 8.
- Self-venting valve. J. P. Freemon. 2,113,046; Apr. 5.
- Selvage edges from textile fabrics in the piece, Apparatus for removing. W. T. B. and F. E. Morley. 2,107,953; Feb. 8.
- Selvage guide apparatus for fabrics. J. Dugler. 2,118,375; May 24.
- Semaphore, Traffic. L. B. Glafcke. 2,119,049; May 31.
- Semidecating apparatus. C. G. Richardson. 2,118,417; May 24.
- Semi-liquids, dough, or similar fluent material, Apparatus for measuring and filling quantities of. W. Drese. 2,110,328; Mar. 8.
- Semisolids, Apparatus for cutting. C. L. Peck. 2,116,845; May 10.
- Sending channel assigner. H. H. Haglund. 2,131,434; Sept. 27.
- Sensing device. W. W. Lasker, Jr. 2,107,008; Feb. 1.
- Sensitivity control system for automobile receivers. L. T. Fowler. 2,121,427; June 21.
- Sensitized elements, Making. W. D. Baldisiefen. 2,112,217; Mar. 22.
- Separable electrical connector. S. Hugyik. 2,124,068; July 19.
- Separable fastener. J. E. Bobrow. 2,137,012; Nov. 15.
- Separable fastener. H. L. Dole. 2,123,935; July 19.
- Separable fastener. P. E. Fenton. 2,106,728; Feb. 1.
- Separable fastener. D. Marinsky. 2,123,512; July 12.
- Separable fastener. S. Stillschweig. 2,120,924; June 14.
- Separable fastener. O. Ulbricht. 2,125,698; Aug. 2.
- Separable fastener, Die cast. D. Marinsky. 2,117,897; May 17.
- Separable joint. W. R. Lipp. 2,129,432; Sept. 6.
- Separating apparatus. E. Cowles. 2,133,974; Oct. 25.
- Separating machine. C. A. Brock. 2,136,540; Nov. 15.
- Separating means. J. L. Knight and C. R. Stahl. 2,125,574; Aug. 2.
- Separating particles of solid material by flotation. R. S. Ellis. 2,104,537; Jan. 4.
- Separating process and apparatus. H. M. Threlkeld. 2,134,768; Nov. 1.
- Separating system. C. W. Boag. 2,140,827; Dec. 20.
- Separation process, Gravity electrostatic. R. H. Bedford. 2,116,613; May 10.
- Separator: See—
- Air separator. Grain separator.
  - Automatic separator. Hop and stem separator.
  - Centrifugal separator. Hop separator.
  - Coin and token separator. Magnetic separator.
  - Coin separator. Material separator.
  - Dust separator. Ore separator.
  - Egg separator. Sand and mud separator.
  - Egg yolk and white separator. Seed separator.
  - Electromagnetic separator. Steam and water separator.
  - Form separator. Steam separator.
  - Fruit packing separator. Storage battery separator.
  - Gas separator. Water separator.
- Separator. J. H. Allison. 2,110,654; Mar. 8.
- Separator. J. O. Carrey. 2,116,595; May 10.
- Separator. K. W. Connor. 2,118,167; May 24.
- Separator. F. C. Dugan. 2,140,953; Dec. 20.
- Separator. G. W. Hammack. 2,117,845; May 17.
- Separator. J. C. Hobbs. 2,127,917; Aug. 23.
- Separator. H. H. Logan. 2,127,746; Aug. 23.
- Separator. L. A. Parsons. 2,119,348; May 31.
- Separator. J. Petersen. 2,111,725; Mar. 22.
- Separator. C. C. Thomas. 2,136,476; Nov. 15.
- Separator. C. J. Westin. 2,126,236; Aug. 9.
- Separator. B. C. Woodford. 2,114,553; Apr. 19.
- Separator and milk container, Cream. W. C. Teunis. 2,112,233; Mar. 29.
- Separator for canceling machines. L. J. Zahn. 2,104,630; Jan. 4.
- Separator for evaporators, Oil. R. F. Peo. 2,139,459; Dec. 6.
- Separator for fluid lines, Water. F. Hardinge. 2,113,447; Apr. 5.
- Separator for pumps, Gas. A. Arutunoff. 2,104,339; Jan. 4.
- Separator for sinks and the like, Grease. L. L. Seestedt, D. Ridge, and H. J. Luff. 2,138,985; Dec. 6.
- Separator for snap fasteners. J. H. Sanderson. 2,127,346; Aug. 16.
- Separator for the separation of fine-grained mixed materials, Electrostatic. G. Grave. 2,123,301; July 12.
- Separator for the separation of liquids tending to form froth, Centrifugal. N. E. Berger. 2,139,715; Dec. 13.
- Separator for underfired domestic water heaters. C. H. Morrow. 2,126,969; Aug. 16.
- Separators, Making ribbed. L. E. Wells. 2,120,120; June 7.
- Serial roentgenogram apparatus. J. B. Wantz and J. J. Grobe. 2,118,449; May 24.
- Series gap device for lightning arresters. F. B. Johnson. 2,112,097; Mar. 22.
- Serrated wave form generator. H. O. Roosenstein. 2,139,467; Dec. 6.
- Serum, Concentrating. G. W. Little and A. J. Klein. 2,124,951; July 26.
- Server, Hot cake. K. E. Bemis. 2,132,374; Oct. 11.
- Service apparatus. C. H. Bock. 2,107,850; Feb. 8.
- Service connector. A. B. Dibner. 2,137,834; Nov. 22.
- Serving apparatus. W. W. Bardsley. 2,118,136; May 24.
- Serving device. L. A. Leppke. 2,107,381; Feb. 8.
- Serving device. L. A. Leppke. 2,113,920; Apr. 12.
- Serving device. L. A. Leppke. 2,115,862; May 3.
- Serving device for cans. N. H. Buschman. 2,110,697; Mar. 8.
- Servo-brake for motor vehicles. L. Saives. 2,137,145; Nov. 15.
- Servo-clutch operating mechanism. L. N. Lauer. 2,137,533; Nov. 22.
- Servo mechanism. L. N. Swisher. 2,140,037; Dec. 13.
- Servo mechanism, Mechanical. F. S. Hodgman. 2,136,213; Nov. 8.
- Servo-motor. A. A. Hodgkins. 2,121,874; June 28.
- Set for the dressing table, Electrically operated combination. A. O. Belaschko and H. K. Schoen. 2,140,307; Dec. 13.
- Set screw. H. F. Gade. 2,135,637; Nov. 8.
- Set-up container. S. N. Lebold and H. K. Powell. 2,141,717; Dec. 27.
- Set-up table. W. L. Valiquette. 2,122,221; June 28.
- Setting device, Back-off. C. C. Brown. 2,123,930; July 19.
- Setting mechanism for predetermining counters. W. F. Berck. 2,127,244; Aug. 16.
- Setting, Reversible. L. Shakter. 2,108,904; Feb. 22.
- Setting tool. C. C. Brown. 2,110,355; Mar. 8.
- Settee-bed, Convertible. J. E. Plew. 2,115,646; Apr. 26.
- Settling aid in heavy solvents. J. M. Whiteley. 2,129,752; Sept. 13.
- Settling and coagulating agent and making and using the same. G. E. Tiffany. 2,117,378; May 17.
- Sewage and the like, Filtering. W. Raisch. 2,130,249; Sept. 13.
- Sewage clarification, Magnetic. W. C. Laughlin. 2,125,846; Aug. 2.
- Sewage, Destroying. H. H. Moreton. 2,139,419; Dec. 6.
- Sewage digestion. A. J. Fischer and N. B. Lund. 2,129,266; Sept. 6.
- Sewage disposal. W. K. Porteous. 2,131,711; Sept. 27.
- Sewage grit, Method and apparatus for cleaning. R. D. Nichols. 2,132,756; Oct. 11.
- Sewage, Method and apparatus for aerating. E. B. Mallory. 2,138,349; Nov. 29.
- Sewage sludge digestion. H. J. Talbot. 2,132,837; Oct. 11.
- Sewage system. R. S. Rankin. 2,137,966; Nov. 22.
- Sewage to purify the same, Treating. H. O. Halvorson and R. L. Smith. 2,141,979; Dec. 27.
- Sewage, Treating. R. E. Briggs. 2,128,347; Aug. 30.
- Sewage, Treating. W. C. Laughlin. 2,114,601; Apr. 19.
- Sewage, Treating. R. A. Stevenson. 2,120,634; June 14.
- Sewage treatment. A. J. Fischer. 2,110,721; Mar. 8.
- Sewage treatment. A. J. Fischer. 2,129,267; Sept. 6.
- Sewage treatment. C. H. Nordell. 2,118,266; May 24.
- Sewage, Treatment of. J. G. Jordan. 2,120,786; June 14.
- Sewage treatment process. R. A. Stevenson. 2,122,074; June 28.
- Sewer cleaner. A. T. Knoerzer. 2,128,650; Aug. 30.
- Sewers, Backwater control for. D. H. Anderson. 2,116,422; May 3.
- Sewing and trimming machine. F. M. Card. 2,105,346; Jan. 11.
- Sewing and trimming machine. R. S. Painter. 2,108,138; Feb. 15.
- Sewing cabinet. P. H. Harmon. 2,108,711; Feb. 15.
- Sewing equipment holder, Multiple purpose. A. Q. Adamson. 2,121,676; June 21.
- Sewing machine. L. G. Bowman. 2,129,402; Sept. 6.
- Sewing machine. M. Buono. 2,108,100; Feb. 15.
- Sewing machine. N. V. Christensen and H. Hacklander. 2,107,368; Feb. 8.
- Sewing machine. N. V. Christensen, H. Hacklander, and H. J. Le Vesconte. 2,125,044; July 26.
- Sewing machine. N. V. Christensen and C. F. Rubel. 2,128,120; Aug. 23.
- Sewing machine. A. B. Clayton. 2,120,210; June 7.
- Sewing machine. B. W. Davidson. 2,132,892; Oct. 11.
- Sewing machine. A. H. De Voe. 2,131,250; Sept. 27.
- Sewing machine. G. A. Fleckenstein. 2,138,760; Nov. 29.
- Sewing machine. G. A. Fleckenstein and M. L. Waterman. 2,120,127; June 7.
- Sewing machine. P. P. Gracius. 2,131,621; Sept. 27.
- Sewing machine. A. Handschuh. 2,111,394; Mar. 15.
- Sewing machine. P. P. Kessler. 2,105,356-7; Jan. 11.
- Sewing machine. H. W. Krag. 2,141,004; Dec. 20.
- Sewing machine. C. Moyer. 2,123,738; July 12.
- Sewing machine. W. Myers. 2,128,031; Aug. 23.
- Sewing machine. E. Praszek. 2,121,884; June 28.
- Sewing machine. O. Rogen. 2,130,509; Sept. 20.
- Sewing machine. C. F. Rubel. 2,133,229; Oct. 11.
- Sewing machine. C. Seaman. 2,125,652; Aug. 2.
- Sewing machine. C. S. Thompson and F. A. Kucera. 2,107,018; Feb. 8.
- Sewing machine. C. S. Thompson, F. A. Kucera, and A. S. Riviere. 2,116,987; May 10.
- Sewing machine. C. M. Toskey, J. D. Feeney, and C. E. Colegrove. 2,139,426; Dec. 6.



- Sewing machine. J. P. Weis. 2,126,521; Aug. 9.  
Sewing machine. H. Weissmann. 2,113,969; Apr. 12.  
Sewing machine attachment. A. Antonelli. 2,116,094; May 3.  
Sewing machine attachment. E. C. Shoup and S. A. Holcraft. 2,130,969; Sept. 20.  
Sewing machine belt drive. J. Galkin. 2,121,080; June 21.  
Sewing machine, Blind stitch. L. G. Bowman. 2,113,107; Apr. 5.  
Sewing machine, Blind stitch. R. S. Kelso. 2,132,791; Oct. 11.  
Sewing machine, Book. J. E. Pitts and E. A. Gould. 2,123,459; Aug. 2.  
Sewing machine, Button. M. McCann. 2,131,012; Sept. 20.  
Sewing machine, Button. J. H. Pikul. 2,131,387; Sept. 27.  
Sewing machine, Button. F. A. Reece and S. W. Avis. 2,134,417; Oct. 25.  
Sewing machine, Buttonhole. E. B. Allen, M. D. Knox, and H. C. Faulkner. 2,107,270; Feb. 8.  
Sewing machine cabinet. M. L. Waterman. 2,133,127; Oct. 11.  
Sewing machine cabinet, Electric. R. Kaier. 2,131,010; Sept. 20.  
Sewing machine feeding mechanism. C. W. Dowd. 2,128,353; Aug. 30.  
Sewing machine for fur and the like. T. C. Mladinich. 2,104,807; Jan. 11.  
Sewing machine for ornamental seams, Chain stitch zigzag. F. Ebert. 2,115,488; Apr. 26.  
Sewing machine frame structure. P. P. Kessler. 2,105,355; Jan. 11.  
Sewing machine, Fur. C. Bonis. 2,132,379; Oct. 11.  
Sewing machine, Lockstitch. N. V. Christensen and O. Quist. 2,134,652; Oct. 25.  
Sewing machine, Lock stitch. N. V. Christensen and C. F. Rubel. 2,113,572; Apr. 12.  
Sewing machine lubrication. R. Mackay, Jr. 2,112,172; Mar. 22.  
Sewing-machine mechanism. J. F. Hand. 2,124,033; July 19.  
Sewing machine, Open stitch. J. Brussell. 2,136,781; Nov. 15.  
Sewing machine safety device. H. Gunther. 2,116,889; May 10.  
Sewing machine, Shoe. F. A. Larson. 2,110,650; Mar. 8.  
Sewing machine, Shoe. B. T. Leveque. 2,136,590; Nov. 15.  
Sewing machine table, Power. H. T. Hallowell. 2,116,433; May 3.  
Sewing machine with roller feed. J. V. Poole. 2,105,097; Jan. 11.  
Sewing machine work trimmer. H. J. Le Vesconte. 2,138,765; Nov. 29.  
Sewing machines, Adjustable hemmer attachment for. G. L. Hinman. 2,138,492; Nov. 29.  
Sewing machines, Attachment for. S. M. Crewdson. 2,105,184; Jan. 11.  
Sewing machines, Attachment for. A. Soltan. 2,134,010; Oct. 25.  
Sewing machines, Attachment for stitch forming mechanisms of. C. T. Gould and H. M. Bonney. 2,137,757; Nov. 22.  
Sewing machines, Binding and piping attachment for. W. C. Greist and C. G. Baehr. 2,109,314; Feb. 22.  
Sewing machines, Blind-stitch attachment for. J. F. Arver. 2,128,715; Aug. 16.  
Sewing machines, Blind-stitching attachment for. P. Boguhn. 2,136,164; Nov. 8.  
Sewing machines, Brake device for. W. L. Barron. 2,127,281; Aug. 16.  
Sewing machines, Device for. J. P. Weis. 2,142,079; Dec. 27.  
Sewing machines, Device for effecting the automatic movement of the material in. R. C. Robert. 2,137,857; Nov. 22.  
Sewing machines, Device for threading the needle in. A. Brun and J. A. Honne. 2,108,474; Feb. 15.  
Sewing machines, Fabric feeding mechanism for. N. V. Christensen, C. F. Rubel, C. C. Smith and H. J. Le Vesconte. 2,108,517; Jan. 25.  
Sewing machines, Fabric feeding mechanism for. C. F. Rubel and H. J. Le Vesconte. 2,106,536; Jan. 25.  
Sewing machines, Fabric guide for. H. Hacklander. 2,131,007; Sept. 20.  
Sewing machines, Fabric manipulating mechanism for. R. T. Edwards. 2,108,403; Feb. 15.  
Sewing machines, Feed mechanism for. H. J. Le Vesconte. 2,131,011; Sept. 20.  
Sewing machines, Feed mechanism for. G. Sauer. 2,121,532; June 21.  
Sewing machines, Feed mechanism for. G. Sauer and C. C. Smith. 2,119,492; May 31.  
Sewing machines, Feeding mechanism for. A. B. Clayton. 2,119,316; May 31.  
Sewing machines, Feeding mechanism for. G. A. Fleckenstein and M. L. Waterman. 2,114,958; Apr. 19.  
Sewing machines, Feeding mechanism for. M. L. Waterman. 2,137,211; Nov. 15.  
Sewing machines, Folding and pressing attachment for. T. A. Anderson. 2,109,441; Feb. 22.  
Sewing machines, Foot feed attachment for. H. B. Conner and A. Olson. 2,130,266; Sept. 13.  
Sewing machines, Guard for. M. McCann. 2,127,339; Aug. 16.  
Sewing machines, Hemming attachment for. M. Greenfield and A. Blum. 2,138,633; Nov. 29.  
Sewing machines, Knee pad for. B. Duchan. 2,127,209; Aug. 16.  
Sewing machines, Measuring and cutting attachment for. G. D. Collar. 2,140,416; Dec. 13.  
Sewing machines, Narrow hammer attachment for. G. L. Hinman. 2,133,700; Oct. 18.  
Sewing machines, Presser-foot for. F. M. Card. 2,125,043; July 26.  
Sewing machines, Punch mechanism for buttonhole-type. A. R. Wood. 2,138,776; Nov. 29.  
Sewing machines, Rotary hook for. G. Sauer. 2,108,412; Feb. 15.  
Sewing machines, Rug-making attachment for. J. D. Karle. 2,128,484; Aug. 30.  
Sewing machines, Take-up mechanism for. H. E. Cooper. 2,121,652; June 21.  
Sewing machines, Tension device for. D. H. Chason. 2,131,005; Sept. 20.  
Sewing machines, Thread controller for. C. S. Thompson. 2,138,774; Nov. 29.  
Sewing machines, Thread-controlling device for. S. Zonis. 2,128,033; Aug. 23.  
Sewing machines, Throat plate for. F. Ebert. 2,136,288; Nov. 8.  
Sewing machines, Top feed mechanism for. C. W. Mueller. 2,106,106; Jan. 18.  
Sewing machines, Top feed mechanism for. C. W. Mueller. 2,109,014; Feb. 22.  
Sewing machines, Transmission mechanism for. G. Sauer. 2,111,873; Mar. 22.  
Sewing machines, Trimming mechanism for. H. J. Gallant and E. A. Gauthier. 2,130,340; Sept. 20.  
Sewing machines, Trimming mechanism for. F. A. Kucera. 2,121,526; June 21.  
Sewing machine with looper thread control. F. Ebert. 2,121,689; June 21.  
Sewing machines, Zigzag stitch-forming mechanism for. E. B. Allen, M. D. Knox, and H. C. Faulkner. 2,107,271; Feb. 8.  
Sewing, Method of. M. Buono. 2,108,101; Feb. 15.  
Sextant. P. Rinkel. 2,136,995; Nov. 15.  
Sexual hormone compositions and producing same. W. Dirscherl. 2,125,772; Aug. 2.  
Shackle. L. G. Ehmann. 2,124,912; July 26.  
Shade adapter, Lamp. M. W. Askin. 2,123,582; July 12.  
Shade, Adjustable ventilating window. M. F. Ehlers. 2,116,237; May 3.  
Shade and curtain hanger. A. I. Ross. 2,118,714; May 24.  
Shade and curtain support. J. D. and E. M. Douglas. 2,117,547; May 17.  
Shade and curtain support, Combination. R. C. Crates. 2,123,097; July 5.  
Shade and rod fixture. W. C. Tennant. 2,141,095; Dec. 20.  
Shade construction, Roller window. E. L. Granel. 2,140,049; Dec. 13.  
Shade control device, Window. M. W. Hendrich. 2,126,013; Aug. 9.  
Shade fixture. L. M. Kapsalis. 2,121,700; June 21.  
Shade for automobile bodies, Adjustable. A. P. Ball. 2,110,120; Mar. 8.  
Shade, Lamp. J. M. Angeletti. 2,122,971; July 5.  
Shade, Lamp. C. W. Huflage. 2,132,850; Oct. 11.  
Shade, Light. B. Janssen. 2,133,748; Oct. 18.  
Shade, Lamp. W. F. B. Johnson. 2,117,890; May 17.  
Shade, Lamp. J. A. Korengold. 2,131,442; Sept. 27.  
Shade roller check. J. M. Wilson. 2,119,408; May 31.  
Shade roller check. J. M. Wilson. 2,122,670; July 5.  
Shade roller plunger trunnion. W. J. Stuber. 2,106,073; Jan. 18.  
Shade supporting frame. A. W. Planeta. 2,115,966; May 3.  
Shade support, Window. L. O. Draper and E. F. Pidgeon. 2,139,580; Dec. 6.  
Shade, Venetian. G. C. Lawson and C. Lindquist. 2,111,978-80; Mar. 22.  
Shade, Window. J. A. Bombard. 2,138,441; Nov. 29.  
Shade, Window. C. D. Carver. 2,110,983; Mar. 15.  
Shade, Window. W. B. Galley. 2,139,950; Dec. 13.  
Shade, Window. E. W. Kingsbury. 2,119,583; June 7.  
Shade, Window. S. C. Smith. 2,131,646; Sept. 27.  
Shade, Window. W. M. Streby. 2,135,647; Nov. 8.  
Shade, Window. M. P. Youker. 2,123,128; July 5.  
Shades, Method and apparatus for making. J. O. Howard. 2,127,119; Aug. 16.  
Shaft and casing, Flexible. A. Wyzenbeek. 2,112,004; Mar. 22.  
Shaft bearing. C. C. Barber and C. W. McWilliams. 2,105,900; Jan. 18.  
Shaft bearing. A. J. Kindig. 2,138,659; Nov. 29.  
Shaft controlling apparatus, Rotating. V. Liguori. 2,108,315; Feb. 15.  
Shaft coupling. J. K. Byrom. 2,135,634; Nov. 8.  
Shaft coupling. W. Fleury. 2,107,070; Feb. 1.  
Shaft coupling. W. Lindner. 2,119,678; June 7.  
Shaft coupling. C. Renaud. 2,114,570; Apr. 19.  
Shaft coupling, Flexible. R. H. Shenk. 2,110,844; Mar. 8.  
Shaft for golf clubs and the like. L. A. Young. 2,117,129; May 10.  
Shaft or beam. N. Trbojevič. 2,109,937; Mar. 1.



- Shaft sealing device. L. H. Grisell. 2,114,489; Apr. 19.  
 Shaft sealing means. H. E. Rupp. 2,104,355; Jan. 4.  
 Shaft speed indicator. R. R. Chappell and R. B. Colt. 2,137,443; Nov. 22.  
 Shaft straightener. W. D. and J. R. Cohea. 2,134,073; Oct. 25.  
 Shaft support, Roll. L. O. Carroll. 2,141,810; Dec. 27.  
 Shaft, Variable action tubular. G. E. Barnhart. 2,126,717; Aug. 16.  
 Shafting, Measurement of eccentricity of hollow. E. R. Fehrer and W. G. Kuhnert. 2,123,355; July 12.  
 Shafts, Making splined. K. Rabe. 2,110,275; Mar. 8.  
 Shafts, Semiautomatic means for positioning control. L. J. Leisuman. 2,134,194; Oct. 25.  
 Shaker and the like, Salt and pepper. P. F. Sandstrom. 2,135,848; Nov. 8.  
 Shaker, Cocktail. A. Cravaritis. 2,110,970; Mar. 15.  
 Shaker chute construction. C. F. Walp. 2,108,698; Feb. 15.  
 Shaker, Combination salt and pepper. E. Richter. 2,113,604; Apr. 12.  
 Shaker conveyer. E. R. Bergmann. 2,129,809; Sept. 13.  
 Shaker conveyer. E. R. Bergmann. 2,131,867; Oct. 4.  
 Shaker conveyer. R. Moore. 2,134,452; Oct. 25.  
 Shaker for vacuum cleaner filters. W. Leathers. 2,122,799; July 5.  
 Shaker, Salt. P. Beringer. 2,121,116; June 21.  
 Shaker screen. S. P. Sowder. 2,134,240; Oct. 25.  
 Shake-splitting machine. A. E. Beckman. 2,128,521; Aug. 30.  
 Shale and other waste bituminous shales in the manufacture of cementitious products, Utilization of colliery. N. V. S. Knibbs and A. P. Fehrson. 2,135,542; Nov. 8.  
 Shank for shoes, Cushion. W. H. Nickerson. 2,123,954; July 19.  
 Shank stiffener. G. E. Musebeck. 2,126,913; Aug. 16.  
 Shank stiffener. J. P. Quirk. 2,135,844; Nov. 8.  
 Shape cutting machine. O. A. Scholtz. 2,107,396; Feb. 8.  
 Shaped products, Manufacture of waterproof. E. Eldö and E. Demme. 2,138,909; Dec. 6.  
 Shapes and apparatus therefor, Producing hollow metallic. C. W. Hazelett. 2,123,894; July 19.  
 Shapes from sheet metal, Forming. M. C. Durbin. 2,118,499; May 24.  
 Shaping machine. E. Aeberli. 2,125,873; Aug. 9.  
 Shaping machine, Automatic. R. Onsrud. 2,107,578; Feb. 8.  
 Sharpener. I. Bien. 2,128,115; Aug. 23.  
 Sharpener and device for honing lawn mowers. F. Healy. 2,118,199; May 24.  
 Sharpener and standard protector, Cutting machine knife. D. B. Ashman. 2,119,769; June 7.  
 Sharpener, Drill. O. T. Gylleck. 2,141,712; Dec. 27.  
 Sharpener, Farm implement disk. J. H. Harth. 2,126,632; Aug. 9.  
 Sharpener for lawn mowers, Blade. H. T. Walker. 2,140,437; Dec. 13.  
 Sharpener, Knife. G. Hammond. 2,124,878; July 26.  
 Sharpener, Lawn mower. C. D. Himebaugh. 2,121,965; June 28.  
 Sharpener, Lawn mower. S. A. McKittrick. 2,141,359; Dec. 27.  
 Sharpener, Lumber saw. R. Helno. 2,117,801; May 17.  
 Sharpener, Pencil. E. Nudelman. 2,132,121; Oct. 4.  
 Sharpener, Pencil. M. L. Ullman. 2,106,963; Feb. 1.  
 Sharpener, Pencil. W. F. Wells. 2,122,386; June 28.  
 Sharpener, Razor. E. M. Elliott. 2,113,233; Apr. 5.  
 Sharpener, Razor. L. A. Flinker. 2,113,299; Apr. 5.  
 Sharpener, Razor blade. N. L. Dootson. 2,133,284; Oct. 18.  
 Sharpener, Razor blade. G. Evans. 2,114,919; Apr. 19.  
 Sharpener, Razor blade. G. H. Murrin. 2,118,937; May 31.  
 Sharpener, Safety razor. E. Muelberger, Jr. 2,116,582; May 10.  
 Sharpener, Safety razor blade. R. A. F. Ohlendorf. 2,116,038; May 3.  
 Sharpener, Scissors. F. Krilhenbuhl. 2,115,778; May 3.  
 Sharpener, Skate. C. E. Nicolet. 2,118,617; May 24.  
 Sharpening device. W. A. Barry. 2,141,850; Dec. 27.  
 Sharpening device for safety razor blades. L. C. Hobart. 2,114,347; Apr. 19.  
 Sharpening device for safety razor blades, Electric. L. C. Hobart. 2,106,977; Feb. 1.  
 Sharpening device for safety razor blades, Self-contained electric. L. C. Hobart and K. F. Lees. 2,114,348; Apr. 19.  
 Sharpening or grinding device. W. A. Weed. 2,131,530; Sept. 27.  
 Shaver. H. Landsiedel. 2,134,134; Oct. 25.  
 Shaver. H. C. McCann. 2,123,608; July 12.  
 Shaver and hair remover. G. Burgeson. 2,120,239; June 14.  
 Shaver, Dry. C. Chase. 2,105,855; Jan. 18.  
 Shaver, Dry. I. Florman. 2,131,317; Sept. 27.  
 Shaver, Dry. B. Jacobsen. 2,114,495; Apr. 19.  
 Shaver, Electric. C. W. Hay. 2,134,009; Oct. 25.  
 Shaver, Electric dry. I. Florman. 2,114,219; Apr. 12.  
 Shaver, Electric vacuum. H. H. Blackwell. 2,129,559; Sept. 6.  
 Shaver mechanism, Dry. J. H. Rand, Jr., and R. E. Benner. 2,132,644; Oct. 11.  
 Shaver, Motor-operated. F. L. Parham. 2,130,311; Sept. 13.  
 Shaving apparatus. K. M. Alm. Re. 20,765; June 21.  
 Shaving apparatus. F. E. Moskovics and V. R. Abrams. 2,119,021; May 31.  
 Shaving cream, Brushless. W. Kritchevsky. 2,134,666; Oct. 25.  
 Shaving device. J. O. Jensen. 2,107,055; Feb. 1.  
 Shaving device. W. J. Kendall. 2,104,929; Jan. 11.  
 Shaving device. S. Strzelecki. 2,111,703; Mar. 22.  
 Shaving device, Dry. H. Landsiedel. 2,108,493; Feb. 15.  
 Shaving implement. F. J. Lewando. 2,129,064; Sept. 6.  
 Shaving implement. J. Muros. 2,107,207; Feb. 1.  
 Shaving implement. J. Muros. 2,119,998; June 7.  
 Shaving implement. J. L. Nilson. 2,105,775; Jan. 18.  
 Shaving implement. H. T. Schiff. 2,139,136; Dec. 6.  
 Shaving implement. N. Testi. 2,120,009; June 7.  
 Shaving implement. N. Testi. 2,134,960; Nov. 1.  
 Shaving machine, Record. C. Huenlich and H. F. M. Gramann. 2,118,202; May 24.  
 Shaving mechanism. F. Meyer. 2,119,284; May 31.  
 Shear, Flying. G. L. Fisk. 2,121,145; June 21.  
 Shear, Flying. R. J. Lehmann. 2,123,570; July 12.  
 Shear, Gang slitting. J. A. Smitmans. 2,110,776; Mar. 8.  
 Shear, Rubber. R. W. Dinzl. 2,105,215; Jan. 11.  
 Shear, Thread. R. Stevenson. 2,131,788; Oct. 4.  
 Shear, Up-cut open-throat. F. B. Streine. 2,110,777; Mar. 8.  
 Shearing. A. W. Soderberg. 2,130,818; Sept. 20.  
 Shearing device. D. R. Murphy. 2,127,002; Aug. 16.  
 Shearing device and closure for liquid dispensers, Combined. R. H. Pershall. 2,133,772; Oct. 18.  
 Shearing machine. F. Gleich. 2,125,556; Aug. 2.  
 Shearing machine. J. K. Oualine. 2,139,846; Dec. 13.  
 Shearing mechanism and method. A. Vuilleumier. 2,136,831; Nov. 15.  
 Shearing or cutting tool. K. G. Östberg. 2,135,911; Nov. 8.  
 Shears. S. Clements. 2,136,414; Nov. 15.  
 Shears. D. C. Feather. 2,130,539; Sept. 20.  
 Shears. F. W. Haralson. 2,129,352; Sept. 6.  
 Shears. S. F. Moyer and P. H. Long. 2,107,577; Feb. 8.  
 Shears. J. Soss. 2,117,224; May 10.  
 Shears, Grass. F. G. Heumann. 2,140,288; Dec. 13.  
 Shears, Mis-cut rotary. K. W. Hallden. 2,118,402; May 24.  
 Shears, Pocket. G. M. Nelson. 2,123,792; July 12.  
 Shears, Pruning. F. H. Blodgett. 2,125,217; July 26.  
 Shears sharpening device. R. E. Davis. 2,116,343; May 3.  
 Shears sharpening machine. W. A. Mini. 2,111,868; Mar. 22.  
 Shears, Sheet metal. R. O. Hooker. 2,121,247; June 21.  
 Sheath, Clothesline. A. P. Williams. 2,126,073; Aug. 9.  
 Sheath, Knife. B. Brownell. 2,117,937; May 17.  
 Sheath, Lead-bismuth-lithium cable. H. Osborg. 2,140,544; Dec. 20.  
 Sheathing. R. L. Hohl. 2,105,245; Jan. 11.  
 Sheathing to metal, Securing. J. D. Crecca. 2,134,705; Nov. 1.  
 Sheaths from geological formations, Removing mud. L. T. Monson. 2,135,909; Nov. 8.  
 Sheaths or other conducting pipe, Apparatus for determining and recording the eccentricity of lead. J. H. Palmer. 2,135,675; Nov. 8.  
 Sheaths, particularly cigarette paper sheaths, Manufacture of. H. Chambon. 2,112,394; Mar. 29.  
 Sheave. A. Krueger. 2,132,691; Oct. 11.  
 Sheave block construction. B. S. Minor. 2,121,256; June 21.  
 Sheave-block mounting. R. G. Le Tourneau. 2,127,084; Aug. 16.  
 Sheave for Venetian blinds, Rope. E. Reukauf, Jr. 2,124,470; July 19.  
 Sheave, Variable pitch. O. F. Metz. 2,135,467; Nov. 1.  
 Shed and heating plant therefor, Tobacco curing. H. W. Koester. 2,136,922; Nov. 15.  
 Shedding mechanism. G. E. Ulrich. 2,131,679; Sept. 27.  
 Shedding mechanism for circular looms. J. W. Bennett. F. C. Hale, and W. Pool. 2,114,585; Apr. 19.  
 Shedding mechanism for looms. O. Stäubli. 2,136,765; Nov. 15.  
 Shedding mechanism of circular looms. F. C. Hale and J. Jabouley. 2,109,971; Mar. 1.  
 Sheet and envelope, Combined letter. M. Vogel. 2,128,275; Aug. 30.  
 Sheet and loose form holder, Carbon. K. R. Deucklau. 2,126,538; Aug. 9.  
 Sheet and making same, Laminated. J. A. Kenney. 2,104,081; Jan. 4.  
 Sheet and making same, Metal reinforced sheathing. J. T. Lawrence and L. Hartman. 2,123,247; July 12.  
 Sheet and sheet holder, Abrading wheel. H. W. Dempsey. 2,115,943; May 3.  
 Sheet blinder. C. D. Trussell. 2,112,389; Mar. 29.  
 Sheet blanketing mechanism, Thin. I. L. Wilcox. 2,109,854; Mar. 1.  
 Sheet carrier. H. H. Schmid. 2,107,189; Feb. 1.  
 Sheet, Coated flexible. W. D. Bowlyby. 2,106,164; Jan. 25.  
 Sheet coating machine. W. W. Maher. 2,112,246; Mar. 29.  
 Sheet collecting and folding mechanism for printing presses. H. M. Barber. 2,131,363; Sept. 27.  
 Sheet collecting and folding mechanism for printing presses. J. E. Meyer. 2,138,409; Nov. 29.



- Sheet conveying device for printing machines. P. Radice and H. Schwerdt. 2,113,902; Apr. 12.
- Sheet cutting and paneling machine. L. J. McGrath. 2,134,810; Oct. 25.
- Sheet cutting apparatus. P. Landrock and A. W. Caps. 2,126,478; Aug. 9.
- Sheet cutting, stitching, and folding mechanism. C. S. Crafts. 2,104,452; Jan. 4.
- Sheet delivery apparatus for folding machines. G. Spiess. 2,142,011; Dec. 27.
- Sheet delivery device. H. E. Golber. 2,113,650; Apr. 12.
- Sheet delivery device and method. A. Wormser. 2,106,199; Jan. 25.
- Sheet delivery device for printing machines. K. T. Lang. 2,138,178; Nov. 29.
- Sheet delivery for web printing rotary presses, Flat. H. M. Barber. 2,104,578; Jan. 4.
- Sheet delivery for web printing rotary presses, Flat. H. M. Barber. 2,110,585-6; Mar. 8.
- Sheet delivery mechanism, Printing press. J. A. Sinclair. 2,125,467; Aug. 2.
- Sheet drier. H. Honigman. 2,136,880; Nov. 15.
- Sheet ejector, Double. J. H. O'Neil. 2,129,230; Sept. 6.
- Sheet feed mechanism. J. F. Jirousek. 2,127,736; Aug. 23.
- Sheet feeder. F. R. Belluche. 2,138,995; Dec. 6.
- Sheet-feeder. C. W. Harold. Re. 20,862; Sept. 20.
- Sheet feeder. J. H. McElroy, E. J. Yeo, and F. G. Binder. 2,140,023; Dec. 13.
- Sheet feeder. E. G. Staude. 2,133,726; Oct. 18.
- Sheet feeding apparatus. A. Broadmeyer. 2,120,484; June 14.
- Sheet feeding machine. F. R. Belluche. 2,127,714; Aug. 23.
- Sheet feeding machine. A. Hormel. 2,114,108; Apr. 12.
- Sheet feeding machinery, Automatic. H. T. Backhouse. 2,108,702; Feb. 15.
- Sheet feeding mechanism. E. P. Donnellan. 2,114,593; Apr. 19.
- Sheet feeding mechanism. J. T. Hale. 2,139,228; Dec. 6.
- Sheet feeding mechanism. A. F. Peropat. 2,131,967; Oct. 4.
- Sheet feeding mechanism. R. Reinartz. 2,110,175; Mar. 8.
- Sheet-feeding mechanism for printing and analogous machines. E. A. Timson and C. H. Dickinson. 2,130,977; Sept. 20.
- Sheet folding mechanism. A. J. Horton. 2,114,124; Apr. 12.
- Sheet for printing presses, Impression. W. M. Dalton. 2,123,564; July 12.
- Sheet gauging device. W. R. Hull. 2,104,038; Jan. 4.
- Sheet-handling apparatus. H. H. Talbot. 2,124,678; July 26.
- Sheet handling arrangement. P. H. Long and T. W. Allsworth. 2,122,430; July 5.
- Sheet handling mechanism for web printing rotary presses. H. M. Barber. 2,128,981; Sept. 6.
- Sheet-holding means for cylinders of printing presses and the like. J. F. Jirousek. 2,123,997; July 19.
- Sheet in paper making machines, Apparatus for securing uniform drying of the. A. E. Broughton. 2,119,771; June 7.
- Sheet, Loose-leaf. F. Brodsky. 2,108,363; Feb. 15.
- Sheet material. E. A. Corbin, Jr., and E. W. Wolf. 2,123,180; July 12.
- Sheet material. H. A. Winkelmann. 2,111,058; Mar. 15.
- Sheet material, Apparatus for sorting flexible. J. F. Dunser. 2,132,231; Oct. 4.
- Sheet material cutter. J. A. Bassett. 2,121,681; June 21.
- Sheet material gauging machine. W. J. Guyer. 2,134,184; Oct. 25.
- Sheet material, Method and apparatus for crimping. R. Haas. 2,141,432; Dec. 27.
- Sheet material, Method and apparatus for straightening. F. K. Maussnest. 2,132,426; Oct. 11.
- Sheet material, Ornamental compound. B. E. M. Miller. 2,130,359; Sept. 20.
- Sheet material, Shaping. E. T. Ferngren. 2,120,328; June 14.
- Sheet material, Shredded. N. E. McCulloch and W. A. Bourne. 2,106,896; Feb. 1.
- Sheet metal bending tool. S. F. Conkle. 2,123,715; July 12.
- Sheet metal container. A. H. Blakeway. 2,107,232; Feb. 1.
- Sheet metal container. A. Friedinger. 2,138,061; Nov. 29.
- Sheet metal container. A. Pfefferhar. 2,107,212; Feb. 1.
- Sheet metal structure. F. C. Watson. 2,122,629; July 5.
- Sheet metal for receiving bolts, screws, or the like, Adapting. G. A. Tinnerman. 2,135,417; Nov. 1.
- Sheet metal, Providing fastening means in. G. A. Tinnerman. 2,135,418; Nov. 1.
- Sheet opening machine. G. N. Hughes. 2,117,665; May 17.
- Sheet, Pertused metal. E. A. Colby. 2,138,625; Nov. 29.
- Sheet piling. T. E. Murray, Jr. 2,128,428; Aug. 30.
- Sheet-pinning machine. J. E. Higgins. 2,133,681; Oct. 18.
- Sheet registering device for printing presses. L. R. Johnson. 2,107,248; Feb. 1.
- Sheet resistant to tearing and pack therefrom, Perforate. T. M. Prudden. 2,115,122; Apr. 26.
- Sheet separating and feeding device. F. W. Storck and C. V. Franson. 2,126,514; Aug. 9.
- Sheet separator for envelope machines. J. L. Oberender and W. H. Blessing. 2,127,419; Aug. 16.
- Sheet stretching apparatus. F. Honig. 2,141,913; Dec. 27.
- Sheet transfer mechanism, Rotary. H. E. Peyrebrune. 2,128,317; Aug. 30.
- Sheet, Work or test. P. W. Nesbit. 2,115,740; May 3.
- Sheeting, Composite cellulose derivative. C. L. Wynd and W. H. Groth. 2,129,456; Sept. 6.
- Sheeting containing a lower alkyl myristate, Cellulose mixed ester. H. B. Smith. 2,126,510; Aug. 9.
- Sheeting machine. S. Debus. 2,132,937; Oct. 11.
- Sheeting, Process and apparatus for the production of. S. Chyllinski. 2,141,377; Dec. 27.
- Sheetlike material, Apparatus and method for handling. L. Iversen. 2,141,394; Dec. 27.
- Sheets and films, Manufacture of non-fibrous. F. P. Alles and D. H. Edwards. 2,115,132; Apr. 26.
- Sheets and plates, Apparatus for piling. G. F. Paul. 2,128,316; Aug. 30.
- Sheets and the like, Production of galvanized. M. E. Morgan. 2,112,468; Mar. 29.
- Sheets, Annealing. H. M. Cox. 2,141,518; Dec. 27.
- Sheets, Apparatus for feeding metal. L. Lee. 2,137,453; Nov. 22.
- Sheets, Apparatus for reversing and opening folded. O. Lütolf. 2,110,805; Mar. 8.
- Sheets, bands, tubes, rods, and the like, and in particular wire, Manufacture of. A. vom Braucke. 2,121,415; June 21.
- Sheets, Blanking, notching, and scoring. C. E. Attwood. 2,141,121; Dec. 20.
- Sheets, Development of exposed blueprint. W. M. Hinman. 2,135,872; Nov. 8.
- Sheets, Device for fastening. L. W. Karlen. 2,120,149; June 7.
- Sheets for duplication, Assembling and laying master. R. K. Haskell and H. J. Morton. 2,109,066; Feb. 22.
- Sheets from a web, Mechanism for cutting and delivering. W. F. Huck. 2,138,406; Nov. 29.
- Sheets from corrosion-resistant ferrous-base alloys combining improved strength properties with corrosion resistance, Producing. V. H. Lawrence. 2,108,588; Feb. 15.
- Sheets, High strength corrosion resistant ferrous alloy. V. H. Lawrence. 2,111,454; Mar. 15.
- Sheets, Method of and apparatus for separating laminated. W. H. Wineman. 2,139,708; Dec. 13.
- Sheets, Method of and mechanism for registering. E. W. Goodwin. 2,140,006; Dec. 13.
- Sheets of a newspaper, Connecting. H. A. W. Wood. 2,107,462; Feb. 8.
- Sheets of paper and cardboard, Machine for cutting, embossing, and printing. S. Levin. 2,109,088; Feb. 22.
- Sheets, Separating and feeding. W. Pollard. 2,108,549; Feb. 15.
- Sheets to printing and other like machines, Means for use in feeding. G. T. Baldwin. 2,104,720; Jan. 11.
- Shelf and mounting therefor, Adjustable display rack. E. R. Erickson. 2,127,721; Aug. 23.
- Shelf and shelf supporting means, Combination adjustable. W. J. Marchant. 2,132,743; Oct. 11.
- Shelf bracket. M. Dauskardt. 2,104,831; Jan. 11.
- Shelf, Display. W. D. Humphrey. 2,115,168; Apr. 26.
- Shelf, Electrical refrigerator. H. V. Scott. 2,142,008; Dec. 27.
- Shelf, Extension. P. F. Schmitt. 2,106,538; Jan. 25.
- Shelf for ovens, Warming. A. K. Weiskittel. 2,130,169; Sept. 13.
- Shelf for refrigerator cabinets, Sliding. J. L. Knight. 2,130,279; Sept. 13.
- Shelf for refrigerators, ovens, and the like, Metal. O. E. Harvey. 2,110,728; Mar. 8.
- Shelf, Hollow. C. White. 2,118,910; May 31.
- Shelf, Laundry tray. C. Sopinski and F. Vykosky. 2,117,771; May 17.
- Shelf, Refrigerator. L. W. Johnson. 2,109,999; Mar. 1.
- Shelf, Refrigerator. J. T. Whalen. 2,104,939; Jan. 11.
- Shell, Shot. J. M. Olin. 2,116,843; May 10.
- Shell, Shot. W. E. Wagner. 2,105,993; Jan. 18.
- Shell structure for refrigerators. C. N. Smith and J. R. Willard. 2,140,611; Dec. 20.
- Shell structure for refrigerators, Making a. J. R. Willard. 2,140,610; Dec. 20.
- Shell support. R. O. Chaffee. 2,130,536; Sept. 20.
- Shell support. G. Johnson. 2,133,781; Oct. 18.
- Shell supporting structure for ovens, Movable. A. K. Weiskittel. 2,139,989; Dec. 13.
- Shell trimmer. F. L. Buff. 2,125,269; Aug. 2.
- Sheller, Corn. L. B. Neighbour. 2,117,494; May 17.
- Sheller, Corn. A. B. Dieterich. 2,120,641; June 14.
- Sheller, Corn. C. M. Weinhold. 2,129,894; Sept. 13.
- Shells, Apparatus for making spool-enclosing. J. A. Johnson. 2,129,771; Sept. 13.
- Shells, Production of ammunition. J. B. Talbot-Crosbie and A. P. S. Macquisten. 2,140,775; Dec. 20.
- Shelter, Beach. S. S. Levy. 2,134,879; Nov. 1.
- Shelter equipment and assembling the same. L. R. Robinson. 2,114,061; Apr. 12.
- Shelter for beach or the like use, Portable sun and wind. A. W. Morton. 2,118,474; May 24.
- Shelter, Screened. W. E. Hastings. 2,120,861; June 14.



- Shelves for refrigerators, ovens and the like, Making metal. L. B. Genebach. 2,109,724; Mar. 1.
- Shelving. M. R. Yarger. 2,117,127; May 10.
- Shelving, Adjustable. J. Cichocki. 2,107,660; Feb. 8.
- Shelving and making the same, Metal. R. T. Stophlet. 2,105,206; Jan. 11.
- Shield. A. B. Clancy. 2,136,039; Nov. 8.
- Shield. E. Rietsch. 2,116,413; May 3.
- Shield and depositing metal areas, Envelope. B. C. Gardner. 2,107,784; Feb. 8.
- Shield, Clear vision. E. P. Atwood. 2,111,350; Mar. 15.
- Shield construction. Fender. G. W. Schatzman. 2,118,624; May 24.
- Shield, Dress. E. W. Standley. 2,113,469; Apr. 5.
- Shield, Erasing. T. Fletcher. 2,134,688; Nov. 1.
- Shield, Face. M. Feller. 2,141,972; Dec. 27.
- Shield, Flock covered glare. R. C. Jacobs. 2,140,959; Dec. 20.
- Shield for dresses, Arm. M. Isaac. 2,115,333; Apr. 26.
- Shield for gloves, Seam reinforcing and antiwear. W. O. Wells. 2,111,346; Mar. 15.
- Shield for ignition plugs. C. B. Aiken and T. Durfee. 2,108,635; Feb. 15.
- Shield for kitchen sinks and the like, Protective. L. A. Marsh. 2,131,111; Sept. 27.
- Shield for toilet bowl seats. G. B. Bentz. 2,141,341; Dec. 27.
- Shield for typewriters, Erasing. I. N. Clegg, Jr. 2,140,510; Dec. 20.
- Shield for welding apparatus, Hand. D. Leone. 2,132,570; Oct. 11.
- Shield, Frost. J. R. Thorp. 2,062,828; Jan. 18.
- Shield, Glare. E. F. Hathaway. 2,118,198; May 24.
- Shield, Glare. L. R. Rhein. 2,137,461; Nov. 22.
- Shield, Hair drying. N. L. Praytor. 2,124,431; July 19.
- Shield, Hand. A. J. Bartholme, Jr. 2,115,477; Apr. 26.
- Shield, Insulator. P. J. Bott. 2,135,558; Nov. 8.
- Shield, Mirror. C. A. Carlson. 2,123,400; July 12.
- Shield or guard, Make-up dress. F. D. Dauphin. 2,110,544; Mar. 8.
- Shield, Ornamental fender. G. W. Schatzman. 2,124,041; July 19.
- Shield, Power-mucking. L. F. Parker. 2,111,405; Mar. 15.
- Shield, Protective. S. Szalkay. 2,109,831; Mar. 1.
- Shield structure, Glare. A. M. Sauer. 2,107,586; Feb. 8.
- Shield, Switch. N. C. Schellenger. 2,118,268; May 24.
- Shield, Tunneling. G. W. Russell. 2,139,563; Dec. 6.
- Shield, Vehicle frost. J. R. Thorp and S. Strand. 2,119,253; May 31.
- Shield, Welding. L. G. Tatter. 2,105,018; Jan. 11.
- Shield, Window rain. F. E. Chernosky. 2,120,730; June 14.
- Shielded electrode holder. M. Sweda. 2,118,274; May 24.
- Shielding assembly and connector therefor. T. C. Green. 2,118,671; May 24.
- Shielding, Detecting defects in ignition. M. F. Peters. 2,123,910; July 19.
- Shielding for electrical conductors. P. L. McCain. 2,137,694; Nov. 22.
- Shielding, Spark plug. T. Hiscock. 2,113,590; Apr. 12.
- Shields, Die casting and assembling expansion. R. E. McIntosh. 2,137,538; Nov. 22.
- Shields, Manufacture of dress. M. E. Hansen. 2,130,921; Sept. 20.
- Shields or anchors, Die casting and assembling expansion. R. E. McIntosh. 2,137,537; Nov. 22.
- Shields to pipes, Process and apparatus for applying. F. W. Yeager. 2,110,565; Mar. 8.
- Shift and driving mechanism for adding machines. H. E. Kammel. 2,110,987; Mar. 15.
- Shifting means for transmissions. R. Lapsley. 2,136,697; No. 15.
- Shifting mechanism. A. M. Diez and T. N. May. 2,110,038; Mar. 1.
- Shifting mechanism, Electrically operated. A. M. Diez and T. N. May. 2,136,284; Nov. 8.
- Shim, Laminated. E. L. Young. 2,124,866; July 26.
- Shim structure. R. W. Springer. 2,106,385; Jan. 25.
- Shingle. H. H. Bailey. 2,104,067; Jan. 4.
- Shingle. A. R. Bollaert. 2,113,644; Apr. 12.
- Shingle. G. H. Graham. 2,139,820; Dec. 13.
- Shingle. K. S. Gutterman. 2,117,092; May 10.
- Shingle. H. B. Hutten. 2,117,094; May 10.
- Shingle. S. P. Miller and M. L. Hamlin. 2,111,798; Mar. 22.
- Shingle. G. B. Payne. 2,117,624; May 17.
- Shingle. F. H. Schmidt. 2,106,067; Jan. 18.
- Shingle and assembly of the same. W. S. Miles. 2,138,663; Nov. 29.
- Shingle and roof, Metal. V. P. McVoy. 2,128,836; Aug. 30.
- Shingle butt trimming machine. M. W. Koski. 2,136,622; Nov. 15.
- Shingle, Cement. H. Ansthoft. 2,127,199; Aug. 16.
- Shingle corner unit, Prefabricated. A. Kiefer. 2,113,303; Apr. 5.
- Shingle, Flexible interlocking. S. P. Miller. 2,127,695; Aug. 23.
- Shingle, Interlocking flexible. M. L. Hamlin. 2,104,078; Jan. 4.
- Shingle, Joiner. B. G. Goslin. 2,135,811; Nov. 8.
- Shingle mill. E. S. Field. 2,125,371; Aug. 2.
- Shingle, Reversible Dutch lap. M. L. Hamlin. 2,139,015; Dec. 6.
- Shingle, Roofing. G. I. Ray. 2,106,624; Jan. 25.
- Shingle staining machine. C. W. Kraus. 2,104,868; Jan. 11.
- Shingle strip and roof construction. J. E. Crump. 2,140,691; Dec. 20.
- Shingles, Apparatus for coating and slating roofing. W. G. Dudleston. 2,122,739; July 5.
- Shingles, Machine for making tapered cement asbestos. A. G. Leonard, Jr. 2,118,762; May 24.
- Shingles, Method and machine for making clay. D. Brown. 2,113,717; Apr. 12.
- Ship. N. B. Geddes. 2,141,180-1; Dec. 27.
- Ship construction. J. M. Sponsler. 2,140,774; Dec. 20.
- Ship controlling apparatus, Automatic. C. L. Hill. 2,112,490; Mar. 29.
- Ship repair equipment. J. H. Segel. 2,105,014; Jan. 11.
- Shipping case. J. Liskin and S. Stimmel. 2,105,086; Jan. 11.
- Shipping container. O. O. Nickerson. 2,122,654; July 5.
- Shipping container, Convertible. H. P. Hughes. 2,134,130; Oct. 25.
- Ships, Apparatus for stopping leaks in. V. R. Kozloff. 2,127,871; Aug. 23.
- Ships, Combined propelling and steering device for screw propelled. L. Kort. 2,139,594; Dec. 6.
- Ship's hatch cover. J. Tutin. 2,129,973; Sept. 13.
- Ship's hull. R. Paulsen. 2,136,562; Nov. 15.
- Ship's side-light. C. J. F. Westman. 2,122,166; June 28.
- Ship's stern. V. Yourkevitch. 2,127,475; Aug. 16.
- Shirt. H. E. Coverman. 2,131,220; Sept. 27.
- Shirt. F. M. Green. 2,133,505; Oct. 18.
- Shirt. M. W. Grigsby. 2,135,502; Nov. 8.
- Shirt. R. E. Ladue. 2,131,055; Sept. 27.
- Shirt. M. Liebmann. 2,126,021; Aug. 9.
- Shirt. J. Oviatt. 2,106,412; Jan. 25.
- Shirt. K. P. Seacord. 2,110,580; Mar. 8.
- Shirt. R. Yacovino. 2,136,534; Nov. 15.
- Shirt and making the same, Athletic. S. N. Friedland. 2,126,186; Aug. 9.
- Shirt and vest, Combination. L. R. Engelson. 2,111,361; Mar. 15.
- Shirt attachment. G. W. Caraway. 2,137,563; Nov. 22.
- Shirt board. E. F. Cons. 2,135,798; Nov. 8.
- Shirt board. G. F. Hiss. 2,120,466; June 14.
- Shirt detachably combined with collar. T. L. Shepherd. 2,125,033; July 26.
- Shirt finishing table. C. Leaderach. 2,130,282; Sept. 13.
- Shirt folding and finishing apparatus. J. C. Chevalier. 2,126,618; Aug. 9.
- Shirt holder. F. Jones. 2,112,025; Mar. 22.
- Shirt, Man's. R. Osborn. 2,127,420; Aug. 16.
- Shirt rack. T. A. Dempsey. 2,118,461; May 24.
- Shirt, Suspender. W. L. Guerin. 2,129,577; Sept. 6.
- Shirt with detachable collar. R. R. Ruth. 2,140,249; Dec. 13.
- Shirts, Attachment for. A. Lewenberg. 2,128,421; Aug. 20.
- Shock absorber. L. Béchereau and R. Carrouée. 2,107,974; Feb. 8.
- Shock absorber. S. G. Conkling. 2,121,339; June 21.
- Shock absorber. J. Cosentino. 2,119,453; May 31.
- Shock absorber. A. E. Dentler. 2,109,367; Feb. 22.
- Shock absorber. G. W. Elsey. 2,106,272; Jan. 25.
- Shock absorber. C. H. Foster. 2,135,281; Nov. 1.
- Shock absorber. A. Gullo. 2,135,749; Nov. 8.
- Shock absorber. C. R. Hanna. 2,140,357-8; Dec. 13.
- Shock absorber. A. F. Jimenez and P. D. Bello. 2,139,591; Dec. 6.
- Shock absorber. R. T. and T. A. Killman. 2,111,633; Mar. 22.
- Shock absorber. E. Laugaudin. 2,111,792; Mar. 22.
- Shock absorber. R. C. Mason. 2,113,562; Apr. 12.
- Shock absorber. W. C. Robbins. 2,138,511; Nov. 20.
- Shock absorber. E. F. Rossman and F. D. Funston. 2,138,513; Nov. 29.
- Shock absorber. E. Vincenti. 2,140,252; Dec. 13.
- Shock absorber. J. F. Wallace. 2,109,891; Mar. 1.
- Shock absorber. E. M. Wise. Re. 20,882; Oct. 11.
- Shock absorber adjusting mechanism, Automatic. R. S. Sanford. 2,131,014; Sept. 20.
- Shock absorber and antiroll device, Combined. R. B. Burton. 2,108,524; Feb. 15.
- Shock absorber and the like damping means, Hydraulic. F. G. G. Armstrong. 2,117,645 6; May 17.
- Shock absorber attachment for bumpers. J. P. Long. 2,128,656; Aug. 30.
- Shock absorber bracket. J. W. Leighton. 2,112,914; Apr. 5.
- Shock absorber construction. J. F. Wallace. 2,118,831; May 31.
- Shock absorber control mechanism. R. S. Sanford. 2,140,767; Dec. 20.
- Shock absorber, Double acting. A. T. Peterson. 2,123,961; July 19.
- Shock absorber equipment for knitting machines. M. Richter. 2,127,449; Aug. 16.
- Shock absorber for airplane landing gears, Air metered. R. P. Williams. 2,108,198; Jan. 25.
- Shock absorber for airplanes. J. F. Wallace. 2,118,455; May 24.
- Shock absorber for drift recording instruments. J. W. Culbertson. 2,122,028; June 28.



- Shock absorber for fishing lines. C. J. Hillman. 2,117,322; May 17.
- Shock absorber for handle bars. B. J. Miller. 2,111,028; Mar. 15.
- Shock absorber for motor cars, Stabilizer. C. B. Huntman. 2,127,518; Aug. 23.
- Shock absorber for the elements of thermionic tubes. W. L. Krahl. 2,108,987; Feb. 22.
- Shock absorber for vehicles. C. H. Kirby. 2,139,592; Dec. 6.
- Shock absorber, Hydraulic. A. B. Casper. 2,108,881; Feb. 22.
- Shock absorber, Hydraulic. A. B. Casper. 2,112,952; Apr. 5.
- Shock absorber, Hydraulic. A. B. Casper. 2,117,837; May 17.
- Shock absorber, Hydraulic. A. B. Casper. 2,122,406; July 5.
- Shock absorber, Hydraulic. H. L. Chisholm, Jr. 2,122,407; July 5.
- Shock absorber, Hydraulic. R. J. Visser. 2,128,626; Aug. 30.
- Shock absorber or other damping means, Hydraulic. F. G. G. Armstrong. 2,117,643; May 17.
- Shock absorber or the like damping means, Hydraulic. F. G. G. Armstrong. 2,117,644; May 17.
- Shock absorber valve. R. I. Bates. 2,113,013; Apr. 5.
- Shock absorber valve. A. Peteler. 2,136,460; Nov. 15.
- Shock absorbing means. J. E. Padgett. 2,111,192; Mar. 15.
- Shocker attachment for binders, Corn. M. L. Ludwig. 2,137,943; Nov. 22.
- Shocker, Corn fodder. B. G. Herr. 2,113,271; Apr. 5.
- Shocker, Grain. D. D. Dallenbach. 2,110,501; Mar. 8.
- Shoe. A. W. Bradbury. 2,128,282; Aug. 30.
- Shoe. W. F. A. Buehner. 2,112,761; Mar. 29.
- Shoe. E. Cohen. 2,112,142; Mar. 22.
- Shoe. A. O. Dahlberg. 2,129,492; Sept. 6.
- Shoe. C. H. Daniels. 2,126,094; Aug. 9.
- Shoe. J. H. Davis. 2,110,521; Mar. 8.
- Shoe. W. L. Delaney. 2,135,233; Nov. 1.
- Shoe. P. H. Dixon. 2,116,621; May 10.
- Shoe. P. G. Flint. 2,127,255; Aug. 16.
- Shoe. F. M. Gilkerson and P. H. Gilkerson. 2,111,620; Mar. 22.
- Shoe. T. Gutwein. 2,105,647; Jan. 18.
- Shoe. C. J. Jannings. 2,133,352; Oct. 18.
- Shoe. D. Levin. 2,119,392; May 31.
- Shoe. T. Marcus. 2,112,296; Mar. 29.
- Shoe. C. Miller. 2,111,935; Mar. 22.
- Shoe. M. H. Moore, Jr. 2,134,259; Oct. 25.
- Shoe. A. Perugia. 2,136,084; Nov. 8.
- Shoe. E. F. Roberts. 2,140,302; Dec. 13.
- Shoe. P. Y. Smiley. 2,114,749; Apr. 19.
- Shoe. J. Squire. 2,111,948; Mar. 22.
- Shoe. J. T. Tebbutt. 2,109,324; Feb. 22.
- Shoe. F. P. Wagner. 2,108,631; Feb. 15.
- Shoe. S. J. Waxelbaum. 2,111,378; Mar. 15.
- Shoe. S. J. Waxelbaum. 2,112,613; Mar. 29.
- Shoe and boot making machine. J. A. Bata. 2,116,819; May 10.
- Shoe and making it. H. C. King. 2,117,333; May 17.
- Shoe and making same. H. L. Sutcliffe. 2,140,119; Dec. 13.
- Shoe and making same, Child's slipper. L. J. Golden. 2,119,324; May 31.
- Shoe and making same. J. Klaubauf. 2,124,621; July 26.
- Shoe and making same, Welt. H. L. Sutcliffe. 2,113,954; Apr. 12.
- Shoe and making the same. J. Cavanagh. 2,135,170; Nov. 1.
- Shoe and making the same. J. A. Green. 2,106,676; Jan. 25.
- Shoe and making the same. C. J. Jannings. 2,115,366; Apr. 26.
- Shoe and manufacturing the same. F. L. Brandt. 2,114,993; Apr. 26.
- Shoe and outsole therefor. A. W. Bradbury. 2,114,700; Apr. 19.
- Shoe and shoemaking. L. J. Bazzoni. 2,125,328; Aug. 2.
- Shoe, Arch-corrective. W. M. Scholl. 2,114,505; Apr. 19.
- Shoe, Arch supporting. E. B. Noyes. 2,123,288; July 12.
- Shoe, Arch supporting. D. F. Walker. 2,134,221; Oct. 25.
- Shoe, Arch-supporting. P. I. Watts. 2,140,464; Dec. 13.
- Shoe bag. F. Pellerin. 2,119,490; May 31.
- Shoe bottom filler. H. G. Halloran. 2,124,819; July 26.
- Shoe bottom pressing machine. A. E. Jerram. 2,117,328; May 17.
- Shoe bottom unit and making the same. J. M. Whelton. 2,122,503; July 5.
- Shoe bottom units, Manufacture of. R. E. Hopkins. 2,106,845; Feb. 1.
- Shoe bottom units, Manufacture of. C. D. Turner. 2,127,634; Aug. 23.
- Shoe bottom units, Manufacture of reinforced. S. G. Rosa. 2,106,279; Jan. 25.
- Shoe bottoms, Apparatus for applying pressure to. F. Ricks and L. Mawbey. 2,125,955; Aug. 9.
- Shoe bottoms, Machine and method for applying pressure to. S. J. Finn. 2,124,654; July 26.
- Shoe box. R. S. Brinnon. 2,104,828; Jan. 11.
- Shoe brake. L. C. Brisson and P. Marmignon. 2,119,903; June 7.
- Shoe brake, Symmetrical. C. L. Eksergian. 2,141,127; Dec. 20.
- Shoe cementing apparatus. J. F. Smith. 2,109,323; Feb. 22.
- Shoe construction. C. L. Daly. 2,123,135; July 5.
- Shoe construction. B. Drell. 2,113,507; Apr. 5.
- Shoe construction. J. F. Marshall. 2,104,048; Jan. 4.
- Shoe construction. M. Mohun. 2,109,180; Feb. 22.
- Shoe construction. A. E. Piekenbrock. 2,137,459; Nov. 22.
- Shoe construction. J. R. Rigandi. 2,132,882; Oct. 11.
- Shoe construction. N. B. Smith. 2,112,052; Mar. 22.
- Shoe construction, Cemented. H. B. Gorman. 2,115,810; May 3.
- Shoe-construction, Method and product of. M. Marasco. 2,122,041; June 28.
- Shoe counter manufacture. F. L. Ayers. 2,131,832; Oct. 4.
- Shoe, Cushion sole. H. G. Lumbard. 2,117,183; May 10.
- Shoe, Dancing. A. E. Schmalz. 2,109,712; Mar. 1.
- Shoe-display rack, Salesmen's. C. F. Scholl. 2,137,029; Nov. 15.
- Shoe display support. H. Sapeer. 2,109,977; Mar. 1.
- Shoe, Elastic top. C. Miller. 2,138,385; Nov. 29.
- Shoe finishing apparatus. H. H. Parks, L. A. Thomas, and H. S. Thomas. 2,107,580; Feb. 8.
- Shoe finishing machine. C. M. Bagshaw and A. Harrington. 2,115,838; May 3.
- Shoe finishing machine. C. M. Bagshaw and A. Harrington. 2,133,370; Oct. 18.
- Shoe-finishing machine. H. B. Greenough. 2,110,933; Mar. 15.
- Shoe finishing machine. W. H. Nutt. 2,126,802; Aug. 16.
- Shoe fitting apparatus. H. V. S. Mott. 2,141,193; Dec. 27.
- Shoe fitting indicator. D. R. Brady. 2,126,608; Aug. 9.
- Shoe, Football. J. H. Hermson. 2,107,667; Feb. 8.
- Shoe for furnaces, Knock-down. J. J. Holub. 2,131,804; Oct. 4.
- Shoe for well casings, Guide and wash-down. R. C. Baker. 2,117,537; May 17.
- Shoe hanger. R. Metzger. 2,129,857; Sept. 13.
- Shoe heel. R. F. Hoffin. 2,127,362; Aug. 16.
- Shoe heel. P. B. Sullivan. 2,137,816; Nov. 22.
- Shoe heel and making same. A. F. Bancroft. 2,107,776; Feb. 8.
- Shoe heel, Detachable. E. E. Staub and E. H. Wolfe. 2,125,657; Aug. 2.
- Shoe heel lift, Detachable. E. Nebeling. 2,120,112; June 7.
- Shoe heel member. W. P. Harty. 2,135,335; Nov. 1.
- Shoe heel plate device, Detachable. J. W. Bowman. 2,104,289; Jan. 4.
- Shoe heeling clamp. W. H. McCaffrey. 2,124,144; July 19.
- Shoe holder. W. E. De Laney and H. S. Redcay. 2,114,441; Apr. 19.
- Shoe holder. H. Sapeer. 2,117,630; May 17.
- Shoe horn. W. O. Benjafield. 2,118,019; May 17.
- Shoe, Industrial. M. G. and A. D. Reece and G. E. Bergman. 2,105,263; Jan. 11.
- Shoelace. S. Taft. 2,141,801; Dec. 27.
- Shoe lace fastener. A. Partin. 2,139,315; Dec. 6.
- Shoe last. G. H. Barge. 2,128,941; Aug. 16.
- Shoe last. G. Clausing. 2,135,172; Nov. 1.
- Shoe last and hinge therefor, Hinged. H. W. Clausing. 2,125,623; Aug. 2.
- Shoe last, Remodeled. H. Clausing. 2,135,173; Nov. 1.
- Shoe lasts, Remodeling. H. W. Lucas. 2,113,661; Apr. 12.
- Shoe machine. W. P. Osgood. 2,130,193; Sept. 13.
- Shoe machine. W. T. B. Roberts. 2,135,677; Nov. 8.
- Shoemaking. O. C. Adams. 2,136,482; Nov. 15.
- Shoemaking. F. W. Drew. 2,124,653; July 26.
- Shoemaking. E. F. Mathews. 2,138,185; Nov. 29.
- Shoemaking. W. M. Page. 2,126,276; Aug. 9.
- Shoemaking method. E. Quinn. 2,107,501; Feb. 8.
- Shoemaking method and means therefor. M. Garfinkel, J. Ruiz, and W. I. Duga. 2,125,911; Aug. 9.
- Shoe manufacture. F. J. Tobacco. 2,111,705; Mar. 22.
- Shoe, Orthopedic. N. Hack. 2,135,504; Nov. 8.
- Shoe part, Perforated and embossed. G. C. Loucks and J. R. H. Ward. 2,118,255; May 24.
- Shoe parts, Embossing and perforating preformed. G. C. Loucks and J. R. H. Ward. 2,132,036; Oct. 4.
- Shoe parts, Inking edges of. P. H. Dixon. 2,120,325; June 14.
- Shoe plate. A. Schemel. 2,118,113; May 24.
- Shoe polisher. T. Guttererson. 2,110,362; Mar. 8.
- Shoe press. E. A. Willey. 2,114,197; Apr. 12.
- Shoe, Presser. M. J. Matsen. 2,142,032; Dec. 27.
- Shoe protector, Dance. R. C. Paul. 2,110,890; Mar. 15.
- Shoe rack. W. Barnett. 2,124,645; July 26.
- Shoe rack. H. C. Moore and V. R. Stamm. 2,110,232; Mar. 8.
- Shoe repairer's jack. E. G. Wolf. 2,138,265; Nov. 29.
- Shoe rest. P. E. Burby. 2,137,331; Nov. 22.
- Shoe, Sample. R. J. Jewett. 2,112,369; Mar. 29.
- Shoe sewing machine. S. A. and J. C. Dobyne. 2,119,225; May 31.
- Shoe shank cementing press. H. Valdiserri. 2,113,802; Apr. 12.



- Shoe sole. W. K. Youngberg. 2,126,077; Aug. 9.  
 Shoe sole and heel coloring device. L. Nancarrow. 2,116,406; May 3.  
 Shoe sole fitting machine. L. J. Bazzoni. 2,104,113; Jan. 4.  
 Shoe sole laying and lasting machine. M. Siegel. 2,112,932; Apr. 5.  
 Shoe-sole laying mechanism. J. M. Rohrer. 2,132,440; Oct. 11.  
 Shoe sole or the like and manufacturing same. J. R. Caldwell. Re. 20,617; Jan. 11.  
 Shoe sole plate, Athletic. J. T. Riddell. 2,118,107; May 24.  
 Shoe sole press. E. J. Le Gault. 2,136,700; Nov. 15.  
 Shoe soles, Apparatus for attaching. C. F. Fitzgerald. 2,104,118; Jan. 4.  
 Shoe soles, Device for operating upon. J. P. Fredericksen. 2,123,277; July 12.  
 Shoe, Spiked. L. H. L'Hollier. 2,108,439; Feb. 15.  
 Shoe stiffener. C. E. Reynolds. 2,127,783; Aug. 23.  
 Shoe stiffeners, Making. W. H. Bancroft. 2,140,614; Dec. 20.  
 Shoe, Stitchdown. J. P. Fredericksen. 2,123,278; July 12.  
 Shoe, Stitch-down. H. C. King. 2,115,859; May 3.  
 Shoe stretcher. J. Ventola. 2,116,917; May 10.  
 Shoe structure. C. F. and F. A. Rohn. 2,107,129; Feb. 1.  
 Shoe structure. J. Scacco. 2,135,849; Nov. 8.  
 Shoe structure and making the same. D. J. Hill. 2,109,884; Mar. 1.  
 Shoe-testing device. G. R. Hill. 2,141,651; Dec. 27.  
 Shoetree. W. G. Downing. 2,113,295; Apr. 5.  
 Shoe tree and rack. H. R. MacMichael. 2,114,539; Apr. 19.  
 Shoetree and shoehorn, Combined. C. E. Harriman. 2,138,789; Nov. 29.  
 Shoe trimmings and the like, Apparatus for making. L. Q. Presby. 2,123,488; July 12.  
 Shoe-upper edge-treating machine. F. E. Sherman. 2,125,860; Aug. 9.  
 Shoe upper stretching machine. E. I. La Chapelle. 2,131,840; Oct. 4.  
 Shoe uppers and counters, Assembling. B. Jorgensen. 2,128,301; Aug. 30.  
 Shoe uppers, Method of and device for shaping. W. Körting. 2,117,732; May 17.  
 Shoe, Ventilated. M. L. Baran. 2,124,391; July 19.  
 Shoe welt unit and making same. H. B. Gorman. 2,114,131; Apr. 12.  
 Shoe, Woman's. B. L. Slosberg. 2,119,363; May 31.  
 Shoes and insoles therefor, Manufacture of. M. Cuozzo. 2,139,260; Dec. 6.  
 Shoes and products thereof, Producing orthopedic. A. E. Murray. 2,120,987; June 21.  
 Shoes and shoe bottom units, Manufacture of. C. Roberts. 2,135,676; Nov. 8.  
 Shoes and the like, Sizing. A. Sachs. 2,123,475; July 12.  
 Shoes, Apparatus for lasting. J. S. Kamborian. 2,108,670; Feb. 15.  
 Shoes, Apparatus for the manufacture of welts. W. C. Card. 2,115,800; May 3.  
 Shoes, Making. S. Bown. 2,124,727; July 26.  
 Shoes, Making. A. E. Lindblad. 2,138,109; Nov. 29.  
 Shoes, Making arch-corrective. W. M. Scholl. 2,133,579; Oct. 18.  
 Shoes, Manufacture of. W. I. Gillette and A. W. Duseault. 2,112,884; Apr. 5.  
 Shoes, Manufacture of. W. H. Nutt. 2,114,399; Apr. 19.  
 Shoes, Manufacture of. E. P. Walker. 2,110,249; Mar. 8.  
 Shoes, Manufacture of moccasin type. F. Ashworth and L. S. Curtin. 2,139,713; Dec. 13.  
 Shoes, Method and apparatus for operating on. C. K. MacDonald. 2,105,427; Jan. 11.  
 Shoes, Method and means for use in lasting. J. S. Kamborian. 2,108,859; Feb. 22.  
 Shoes, Method of and machine for use in manufacturing. C. F. Pym. 2,140,546; Dec. 20.  
 Shoes, Operating on. C. F. Pym. 2,104,137; Jan. 4.  
 Shoes, Operating upon the heel-portions of. W. H. Nutt. 2,131,845; Oct. 4.  
 Shoes, Ornamenting. H. S. Lyness. 2,118,889; May 31.  
 Shoes, Shaping the bottoms of. E. E. Winkley. 2,104,143; Jan. 4.  
 Shook aligning device. A. I. Obermiller. 2,113,627; Apr. 12.  
 Shook feeding device. A. I. Obermiller. 2,117,906; May 17.  
 Shooting streamers. W. C. Clark. 2,118,166; May 24.  
 Short-circuiting device for electric motors. S. D. Hartog. 2,130,883; Sept. 20.  
 Short wave system, Ultra. R. W. George and B. Trevor. 2,141,242; Dec. 27.  
 Shortening and baking therewith. A. S. Richardson, H. S. Colth, and V. M. Votaw. 2,132,701; Oct. 11.  
 Shortening and making same. H. S. Colth, A. S. Richardson, and V. M. Votaw. 2,132,393-4; Oct. 11.  
 Shortening and making same. H. S. Colth, A. S. Richardson, and V. M. Votaw. 2,132,398; Oct. 11.  
 Shortening compound. C. E. Morris. 2,125,849; Aug. 2.  
 Shortening, Making. A. K. Epstein and B. R. Harris. 2,132,406; Oct. 11.  
 Shortening material and cake made therefrom. B. R. Harris. 2,132,416; Oct. 11.  
 Shortening material and cake made therefrom. B. R. Harris. 2,132,687; Oct. 11.  
 Shot. M. G. Corson. 2,119,876; June 7.  
 Shot, Apparatus for producing metallic. E. W. Boynton. 2,114,209; Apr. 12.  
 Shot-firing machine. Electric. K. Schaffler-Glössl. 2,129,835; Sept. 13.  
 Shot for athletic uses. H. W. Campbell. 2,117,938; May 17.  
 Shot, Manufacture of. J. M. Olin and P. A. Smith. 2,113,279; Apr. 5.  
 Shot, Manufacturing of. J. M. Olin and P. A. Smith. 2,113,280; Apr. 5.  
 Shoulder strap clip. R. Freedman. 2,110,549; Mar. 8.  
 Shoulder-strap holder. E. B. Young. 2,135,020; Nov. 1.  
 Shoulder strap, Ornamental adjustable. H. Silverman. 2,109,345; Feb. 22.  
 Shovel. A. J. Jonsson. 2,121,200; June 21.  
 Shovel. R. F. Meeh. 2,141,007; Dec. 20.  
 Shovel and like tool. W. A. Ready. 2,130,563; Sept. 20.  
 Shovel and the like, Portable power. L. O. McLean. 2,126,404; Aug. 9.  
 Shovel, Hollow back. G. C. Wharton. 2,126,692; Aug. 9.  
 Shovel or like tool. W. A. Ready. 2,105,007; Jan. 11.  
 Shovel, Power. A. Dukelow and L. M. Alger. 2,140,988; Dec. 20.  
 Shovel, Power. C. E. Stiehl. 2,140,460; Dec. 13.  
 Shovel tooth, Dipper. S. Seal. 2,134,344; Oct. 25.  
 Shoveling device, Mechanical. C. E. Stoltz. 2,132,660; Oct. 11.  
 Shoveling machine, Mechanical. C. E. Stoltz. 2,104,575; Jan. 4.  
 Shovels and the like, Manufacture of. W. A. Ready. 2,132,541; Oct. 11.  
 Showcase. R. J. Vezina. 2,104,214; Jan. 4.  
 Showcase bracket, Invisible screw. S. and A. Kron. 2,115,531; Apr. 26.  
 Shower bath. M. J. Belmont. 2,120,774; June 14.  
 Shower bath. H. D. Robertson. 2,121,985; June 28.  
 Shower-bath cabinet, Metallic. F. T. Winston. 2,133,497; Oct. 18.  
 Shower head. E. Price and W. A. Pfister. 2,118,943; May 31.  
 Shower hood. H. Schnaittacher. 2,105,956; Jan. 18.  
 Shower mixer. H. J. Young. 2,122,600; July 5.  
 Shower spray holder, Slip-on. A. Fehrenbach. 2,133,020; Oct. 11.  
 Shower temperature regulator, Water. N. Iacino. 2,106,568; Jan. 25.  
 Shredder and slicer, Vegetable. W. E. and J. R. Urschel. 2,126,361; Aug. 9.  
 Shredder, Sewage. S. F. Ossing. 2,141,663; Dec. 27.  
 Shrink fixture. O. O. Rieser. 2,104,673; Jan. 4.  
 Shut-down device for well pumping engines. A. B. Case. 2,121,316; June 21.  
 Shut-off for meters, Automatic. A. J. Granberg. 2,107,441; Feb. 8.  
 Shut-off mechanism for liquid meters, Automatic. W. F. Berck. 2,114,207; Apr. 12.  
 Shut off, Oil. J. E. Hurn. 2,104,519; Jan. 4.  
 Shut-off valve. R. O. Beggs. 2,107,975; Feb. 8.  
 Shut-off valve, Double manual and automatic. D. A. Gillen. 2,137,685; Nov. 22.  
 Shut-off valve, Gravity feed automatic. E. L. Barker. 2,130,335; Sept. 20.  
 Shutter actuating arrangements for folding cameras. C. W. Crumrine. 2,139,728; Dec. 13.  
 Shutter actuating means on the camera body of a folding camera. A. Nagel. 2,123,908; July 19.  
 Shutter actuating mechanism. A. Nagel. 2,126,340; Aug. 9.  
 Shutter actuator. H. H. Harmon. 2,129,210; Sept. 6.  
 Shutter assemblage for motion picture apparatus, Interchangeable. R. W. Wengel. 2,135,993; Nov. 8.  
 Shutter, Camera. R. H. Draeger. 2,105,475; Jan. 18.  
 Shutter construction. J. B. Nelson. 2,119,717; June 7.  
 Shutter construction. E. G. Petersen and P. E. Beach. 2,133,924; Oct. 18.  
 Shutter control, Photographic. D. A. Young, Jr. 2,126,302; Aug. 9.  
 Shutter, Focal plane. J. Mihalyi. 2,140,446; Dec. 13.  
 Shutter for enclosures. C. M. Pierson and H. W. McPherson. 2,113,240; Apr. 5.  
 Shutter mechanism for moving picture cameras. H. Becker. 2,117,694; May 17.  
 Shutter operating mechanism. T. M. Brucek. 2,129,561; Sept. 6.  
 Shutter, Photographic. F. Schieber and A. Wolf. 2,134,766; Nov. 1.  
 Shutter, Setting. W. A. Riddell. 2,119,831; June 7.  
 Shutter, Storm. E. W. Reber. 2,108,926; Feb. 22.  
 Shutter trigger latch. W. A. Riddell. 2,105,228; Jan. 11.  
 Shutter, Ventilated awning. S. A. Jones. 2,136,012; Nov. 8.  
 Shuttle. S. O. Dodge. 2,104,153; Jan. 4.  
 Shuttle. C. P. Park. 2,117,352; May 17.  
 Shuttle. C. P. Park. 2,117,354; May 17.  
 Shuttle. W. F. Staples. 2,110,744; Mar. 8.  
 Shuttle. W. A. Tebo. 2,125,405; Aug. 2.



- Shuttle bar actuating mechanism. N. S. Harter. 2,108,375; Feb. 15.
- Shuttle binder. E. Richter and H. Thissen. 2,127,939; Aug. 23.
- Shuttle box for looms. Multicell. C. J. Lindegren and J. B. Olch. 2,141,656; Dec. 27.
- Shuttle-box position selector or indicator. P. Bond. 2,123,561; July 12.
- Shuttle box tension releasing means. W. H. West. 2,123,819; July 12.
- Shuttle changer loom, Multishuttle. R. G. Turner. 2,126,061; Aug. 9.
- Shuttle changing loom. W. W. Robertson. 2,135,146; Nov. 1.
- Shuttle changing loom, Multicolor. L. S. Vose. 2,126,065; Aug. 9.
- Shuttle changing loom, Multishuttle. R. G. Turner. 2,126,060; Aug. 9.
- Shuttle check. C. D. Brown. 2,112,617; Mar. 29.
- Shuttle check. C. D. Brown. 2,112,806; Mar. 29.
- Shuttle check. P. Doerseln. 2,117,793; May 17.
- Shuttle checking means. C. D. Brown. 2,111,962; Mar. 22.
- Shuttlecock. R. L. Colson. 2,133,684; Oct. 18.
- Shuttlecock, Rubber. G. Crespin. 2,116,304; May 3.
- Shuttle for automatic loom. R. G. Turner. 2,138,221; Nov. 29.
- Shuttle for looms. A. A. Cohen. 2,122,338; June 28.
- Shuttle for looms, Automatic. H. A. Davis. 2,132,461; Oct. 11.
- Shuttle operating device. J. F. Rourke. 2,136,712; Nov. 15.
- Shuttle tension. W. A. Tebo. 2,107,917; Feb. 8.
- Silicate composition and making same, Alkali-resisting phenolic aldehyde. J. B. Rust. 2,142,077; Dec. 27.
- Siccative solutions, Stabilization of. J. T. Rutherford and G. C. Brock. 2,119,753; June 7.
- Sickle bar for reapers and mowers. W. H. Null. 2,133,305; Nov. 29.
- Sickle cushioner. G. E. Childstrom and A. Thompson. 2,109,085; Feb. 22.
- Sickle drive for harvesters. C. R. Raney. 2,123,547; July 12.
- Sickle header for harvesters and the like. J. H. Bane. 2,139,927; Dec. 13.
- Side bearing. A. B. Severn. 2,124,958; July 26.
- Side-lasting machine. W. F. Green. 2,120,781; June 14.
- Side trimming and scrap cutting apparatus. G. P. Thomas. 2,133,595; Oct. 18.
- Siding. L. Kirschbraun. 2,131,477; Sept. 27.
- Siding. F. S. Thomas. 2,126,676; Aug. 9.
- Sieve frame. L. E. Simpson. 2,114,406; Apr. 19.
- Sifter, Flour. C. Andrews and W. Hannon. 2,126,982; Aug. 16.
- Sifter, Gyrotory. E. G. Berry. 2,130,834; Sept. 20.
- Sifting and measuring container. E. Frank. 2,125,497; Aug. 2.
- Sifting device. R. Hinkle. 2,106,742; Feb. 1.
- Sight for firearms. H. F. Mossberg. 2,132,489-90; Oct. 11.
- Sight for firearms. O. H. Nelson. 2,116,250; May 3.
- Sight for firearms. C. G. Swebillus. 2,108,150; Feb. 15.
- Sight for furnaces, Peep. J. Blizard. 2,112,063; Mar. 22.
- Sight for guns, Finger. J. S. Furst. 2,109,993; Mar. 1.
- Sight mount, Telescopic. F. O. Peterson. 2,119,925; June 7.
- Sighting device and support for same. A. Langsner. 2,126,195; Aug. 9.
- Sighting device for following aerial targets. K. Papello. 2,105,985; Jan. 18.
- Sighting gear. C. E. P. Gourdou. 2,125,225; July 26.
- Sign: See—
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|-------------------------------|------------------------------|
| Advertising sign.             | Interchangeable sign.        |
| Animated sign.                | Interiorly illuminated sign. |
| Changeable letter sign.       | Luminous sign.               |
| Changeable sign.              | Luminous tube sign.          |
| Display sign.                 | Mirror sign.                 |
| Electric sign.                | Multi-image sign.            |
| Gaseous luminous sign.        | Portable sign.               |
| Glass letter sign.            | Pseudo neon sign.            |
| Illuminated advertising sign. | Reflecting sign.             |
| Illuminated display sign.     | Street and road sign.        |
| Illuminated street sign.      | Street sign.                 |
| Illuminated sign.             | Tube sign.                   |
- Sign. F. J. Baumeister. Re. 20,756; June 14.
- Sign. D. B. Card. 2,141,344; Dec. 27.
- Sign. C. C. Colle. 2,125,488; Aug. 2.
- Sign. B. Compton. 2,109,330; Feb. 22.
- Sign. G. D. Duntze. 2,117,710; May 17.
- Sign. G. D. Duntze. 2,141,207; Dec. 27.
- Sign. D. N. Estes. 2,126,678; Aug. 9.
- Sign. J. Fodor. 2,119,157; May 31.
- Sign. J. Fodor. 2,139,815; Dec. 13.
- Sign. W. B. Greenlee. 2,110,296; Mar. 8.
- Sign. O. W. Harms. 2,124,698; July 26.
- Sign. A. F. Hart. 2,132,899; Oct. 11.
- Sign letter. S. G. Lang. 3rd. 2,141,955; Dec. 27.
- Sign. R. L. Marten. 2,120,106; June 7.
- Sign. R. G. Regester. 2,140,301; Dec. 13.
- Sign. S. Slutsky. 2,116,416; May 3.
- Sign. C. A. Smith. 2,119,931; June 7.
- Sign. H. C. Spratley. 2,104,280; Jan. 4.
- Sign. E. M. Tallberg. 2,124,440; July 19.
- Sign. R. A. Young. 2,121,898; June 28.
- Sign and attaching same, Enameled. J. W. Van Dyke. 2,139,049; Dec. 6.
- Sign and electric circuits therefor, Mirror. N. En Holm. 2,132,473; Oct. 11.
- Sign and operating it, Animated. J. G. Best. 2,137,127; Nov. 15.
- Sign and sign character, Illuminated. E. Wagner. 2,130,752; Sept. 20.
- Sign and the like, Changeable letter. L. J. Wentzel. 2,123,758; July 12.
- Sign box, Illuminated. F. L. Kehl. 2,109,643; Mar. 1.
- Sign bracket. C. H. Klein. 2,113,180; Apr. 5.
- Sign character, Luminous tube. A. C. Deans. 2,139,884; Dec. 13.
- Sign construction, Tube. S. Sonkin. 2,120,581-2; June 14.
- Sign device. J. B. Hamilton. 2,126,008; Aug. 9.
- Sign display and making same, Electric. A. L. Smith. 2,106,331; Jan. 25.
- Sign display apparatus. I. Schewelov. 2,116,287; May 3.
- Sign elements, Making. J. Cooke. 2,136,180; Nov. 8.
- Sign for advertising or the like, Mirror. N. En Holm. 2,132,475; Oct. 11.
- Sign for highways. A. D. Ide. 2,132,478; Oct. 11.
- Sign for vehicles, Illuminated. R. H. Imhofs. 2,130,090; Sept. 13.
- Sign holding device. H. C. Pfaff, Jr. 2,110,555; Mar. 8.
- Sign, Luminous display or reflector. J. C. Stimson. Re. 20,640; Jan. 25.
- Sign mechanism. B. W. Wallace. 2,113,415; Apr. 5.
- Sign or license plate. C. Batcheller. 2,140,067; Dec. 13.
- Sign painter's table. G. R. Cole. 2,121,140; June 21.
- Sign structure. L. B. Cunningham. 2,129,651; Sept. 13.
- Sign support, Collapsible sidewalk. R. W. Lotz. 2,107,574; Feb. 8.
- Sign system, Electric. J. R. Andersen. 2,123,459; July 12.
- Sign unit, Illuminated. G. H. Peebles. 2,125,687; Aug. 2.
- Sign unit mounting. I. Slutsky. 2,125,403; Aug. 2.
- Sign with an electric clock, Mirror. N. En Holm. 2,132,474; Oct. 11.
- Sign with illumination, Multi-directional. N. J. Macomber. 2,111,455; Mar. 15.
- Signs, Making. T. L. Waldo, Jr. 2,109,000; Feb. 22.
- Signal: See—
- |   |                           |
|---|---------------------------|
| Aerial signal.  | Highway signal.           |
| Audible electric signal.  | Light signal.             |
| Automatic hand signal.  | Longload signal.          |
| Automobile or highway signal.   | Marine signal.            |
| Automobile signal.  | Sound signal.             |
| Chime signal.   | Speed warning signal.     |
| Crossing signal.  | Telephone signal.         |
| Direction signal.   | Tire deflation signal.    |
| Directional signal.   | Traffic control signal.   |
| Flashing light signal.  | Traffic signal.           |
| Flashing signal.  | Vehicle direction signal. |
| Gauge and telltale signal.  | Vehicle signal.           |
| Signal. C. Adler, Jr. 2,121,276; June 21.   | Vehicle traffic signal.   |
| Signal. C. Adler, Jr. 2,129,602; Sept. 6.   |                           |
| Signal. R. C. Anderson. 2,123,090; July 5.  |                           |
| Signal. P. H. Chase. 2,125,668; Aug. 2.   |                           |
| Signal. J. A. Chinskey. 2,128,800; Aug. 30.   |                           |
| Signal. L. G. Godchaux, R. H. Dietz, and R. H. McElroy. 2,141,243; Dec. 27.   |                           |
| Signal. O. H. Hershman. 2,113,759; Apr. 12.   |                           |
| Signal. F. J. La Londe. 2,115,271; Apr. 26.   |                           |
| Signal. S. L. Leiby. 2,118,709; May 24.   |                           |
| Signal. A. O. Olafson. 2,104,932; Jan. 11.  |                           |
| Signal and flashlight, Combination. A. T. Marshall. 2,114,635; Apr. 19.   |                           |
| Signal and lighting system, Traffic. L. J. Jennings. 2,136,191; Nov. 8.   |                           |
| Signal apparatus, Basketball. G. W. Small. 2,125,822; Aug. 2.   |                           |
| Signal, Apparatus for controlling a waving crossing. W. Dinnerville. 2,106,594; Jan. 25.                                    |                           |
| Signal, Apparatus for the control of highway crossing. A. E. Dodd and H. S. Young. 2,113,642; Apr. 12.                      |                           |
| Signal arm, Vehicle. H. J. Graham and H. Y. Mageoch. 2,112,526; Mar. 29.  |                           |
| Signal casing. C. H. Bissell. 2,107,777; Feb. 8.  |                           |
| Signal code sending system. J. H. Wheelock. 2,116,255; May 3.   |                           |
| Signal control system. E. J. Schulenburg. 2,141,046; Dec. 20.   |                           |
| Signal control system, Traffic. T. P. Preist. 2,117,981; May 17.  |                           |
| Signal controlling and duration varying system and mechanism therefor. H. I. Turner and C. L. Anderson. 2,133,157; Oct. 11. |                           |
| Signal converter circuit. D. E. Foster. 2,111,764; Mar. 22.   |                           |
| Signal device. W. R. Armstrong, Sr. 2,108,187; Feb. 15.   |                           |
| Signal device. W. R. Curtiss. Re. 20,935; Dec. 6.   |                           |
| Signal device. F. B. Little. 2,128,150; Aug. 23.  |                           |
| Signal device. G. Mellen and L. A. Hicks. 2,106,643; Jan. 25.   |                           |
| Signal device. A. E. and L. Rittenhouse. 2,120,153; June 7.   |                           |
| Signal device. J. T. Stubbins. 2,107,350; Feb. 8.   |                           |



- Signal device. A. R. Thompson. 2,120,380; June 14.  
Signal device, Audible. F. P. Scully and A. E. Mathey. 2,140,559; Dec. 20.  
Signal device, Autocollimating. E. T. Condon. 2,113,829; Apr. 12.  
Signal device, Automatic reversing. J. M. Rockett, B. J. Isherwood, and C. H. Read. 2,132,188; Oct. 4.  
Signal device, Automobile. A. Foulks. 2,141,210; Dec. 27.  
Signal device, Automobile. D. E. Wilson. 2,106,333; Jan. 25.  
Signal device for automobiles. F. Patria. 2,110,169; Mar. 8.  
Signal device, Sounding. R. M. Critchfield. 2,135,328; Nov. 1.  
Signaling device, Traffic. H. Paul. 2,136,804; Nov. 15.  
Signal device, Traffic. J. Turano. 2,123,320; July 12.  
Signal device, Vehicle. H. Korematsu. 2,113,919; Apr. 12.  
Signal distortion indicating and measuring device for printing telegraph systems. R. B. Hearn. 2,107,149; Feb. 1.  
Signal distortion measuring device. F. A. Cowan. 2,132,678; Oct. 11.  
Signal for automobiles. L. O. Fennell. 2,128,769; Aug. 30.  
Signal for automobiles, Direction. C. R. Clark. 2,113,192; Apr. 5.  
Signal for automobiles, Direction. T. H. Richards. 2,139,420; Dec. 6.  
Signal for automobiles, Direction. W. Ross. 2,106,660; Jan. 25.  
Signal for dissolving shutters, Warning. D. F. Lyman and J. Stoiber. 2,105,250; Jan. 11.  
Signal for hydrotherapeutic systems, Warning. F. C. Leonard. 2,115,027; Apr. 26.  
Signal for motor car, Direction. H. M. R. Barjot. 2,114,759; Apr. 19.  
Signal for motor vehicles, Direction. E. C. Akers. 2,138,533; Nov. 29.  
Signal for railroads, Light. O. S. Field. 2,125,257; July 26.  
Signal for railways, Highway crossing. H. A. Haines. 2,133,172; Oct. 11.  
Signal for typographical machines, Distributor. H. R. Freund. 2,138,785; Nov. 29.  
Signal for vehicles, Direction. F. Courtinande. 2,107,104; Feb. 1.  
Signal frequency inverter. G. M. Charrier. 2,110,698; Mar. 8.  
Signal lamp. S. M. Dover. 2,141,240; Dec. 27.  
Signal lamp. C. F. Husemoller. 2,139,587; Dec. 6.  
Signal light. E. R. Marsters and H. S. Bird. 2,122,008; June 28.  
Signal light, Teletale. A. G. Rayburn. 2,127,887; Aug. 23.  
Signal receiver circuit. G. F. Brett and G. M. Wright. 2,139,438; Dec. 6.  
Signal receiving apparatus. G. L. Beers. 2,135,557; Nov. 8.  
Signal repeater system. F. E. Weld. 2,114,324; Apr. 19.  
Signal responsive device. H. Belar. 2,125,879; Aug. 9.  
Signal switch. E. C. Akers. 2,141,075; Dec. 20.  
Signal switch, Automobile. W. G. Rowe. 2,133,572; Oct. 18.  
Signal switch, Directional. C. K. Antonopoulos. 2,119,979; June 7.  
Signal system. W. D. Lindsey. 2,121,357; June 21.  
Signal system, Automatic electric traffic. H. G. Hunter. 2,130,013; Sept. 13.  
Signal system for elevators. W. F. Eames. 2,105,073; Jan. 11.  
Signal system for excavators. C. I. Maust. 2,131,291; Sept. 27.  
Signal system for storage tanks. L. F. Phaneuf. 2,127,422; Aug. 16.  
Signal system, Highway crossing. C. H. Dorschel. 2,128,203; Aug. 23.  
Signal system, Protective. C. C. C. Eggers. 2,126,316; Aug. 9.  
Signal system, Selective. J. C. Field. 2,100,498; Jan. 25.  
Signal system, Traffic. A. C. Boettger. 2,134,023; Oct. 26.  
Signal system, Traffic. A. F. Martel. 2,119,503; June 7.  
Signal translating apparatus. F. Massa. 2,123,633; July 12.  
Signal transmission. M. Baesecke. 2,134,850; Nov. 1.  
Signal transmission control circuit, Automatic. D. Thierbach. 2,129,074; Sept. 6.  
Signal transmission system. C. C. Taylor. 2,109,557; Mar. 1.  
Signal transmitter. F. E. Weld. 2,116,372; May 3.  
Signaling. W. Kummerer and R. Gürtler. 2,131,443; Sept. 27.  
Signaling and lighting installation for motor vehicles. M. Röttinger. 2,129,070; Sept. 6.  
Signaling apparatus. P. H. Crago. 2,112,228; Mar. 29.  
Signaling apparatus. F. G. Troisi. 2,141,323; Dec. 27.  
Signaling apparatus, Automatic. J. R. Hansen. 2,141,980; Dec. 27.  
Signaling apparatus more particularly for railways. L. Girardin. 2,117,313; May 17.  
Signaling apparatus, Railway. G. W. Baughman. 2,113,641; Apr. 12.  
Signaling apparatus, Railway. L. O. Grondahl. 2,108,483; Feb. 15.  
Signaling apparatus, Railway. G. R. Pfisterer. 2,123,963; July 19.  
Signaling apparatus, Traffic or direction. B. C. and E. A. Robberson. 2,125,200; July 26.  
Signaling, Arrangement for wireless. E. Kramar and H. Brunswig. 2,141,247; Dec. 27.  
Signaling device. R. E. Beerman. 2,131,090; Sept. 27.  
Signaling device. J. Bell. 2,122,508; July 5.  
Signaling device. H. Hiram. 2,140,699; Dec. 20.  
Signaling device. J. R. McGee. 2,107,952; Feb. 8.  
Signaling device. G. F. Reznor. 2,141,844; Dec. 27.  
Signaling device. H. W. Seiger. 2,127,538; Aug. 23.  
Signaling device, Automatic motor vehicle. M. C. Cosner. 2,134,299; Oct. 25.  
Signaling device, Automobile. I. Florman. 2,109,381; Feb. 22.  
Signaling device employing polarized light. G. W. Wheelwright. 2,122,225; June 28.  
Signaling device for automobile, Turn. J. Kaupert. 2,115,555; Apr. 26.  
Signaling device for vehicles. L. E. Steinman. 2,108,454; Feb. 15.  
Signaling device, Position. D. H. Brandes. 2,130,260; Sept. 13.  
Signaling device, Pressure actuated. J. E. Brigg and J. N. Gibson. 2,133,129; Oct. 11.  
Signaling lamp. O. M. C. Marischal. 2,135,826; Nov. 8.  
Signaling lamp. W. Trautner and H. E. Metcalf. 2,137,319; Nov. 22.  
Signaling mechanism. W. J. D. Harjes. 2,136,794; Nov. 15.  
Signaling method and arrangement therefor. E. Kramar. 2,105,537; Jan. 18.  
Signaling, Method of and apparatus for facsimile. W. G. H. Finch. 2,141,973; Dec. 27.  
Signaling or controlling system, Electric. R. J. Wey. 2,134,901; Nov. 1.  
Signaling, Radio. J. W. Greig. 2,129,004; Sept. 6.  
Signaling, Railway. L. R. Allison. 2,123,922; July 19.  
Signaling, Railway. P. H. Crago. 2,107,680; Feb. 8.  
Signaling, Railway. R. R. Kemmerer. 2,107,679; Feb. 8.  
Signaling, Railway. C. H. Lay. 2,112,104; Mar. 22.  
Signaling, Railway. R. A. McCann. 2,128,590; Aug. 30.  
Signaling, Railway. G. R. Pfisterer. 2,105,260; Jan. 11.  
Signaling, Railway. G. R. Pfisterer. 2,123,962; July 19.  
Signaling, Railway. G. R. Pfisterer. 2,126,658-9; Aug. 9.  
Signaling, Railway. G. R. Pfisterer. 2,130,470; Sept. 20.  
Signaling, Railway. G. R. Pfisterer. 2,133,306; Oct. 18.  
Signaling, Railway. H. A. Thompson. 2,107,678; Feb. 8.  
Signaling, Railway. J. J. Vanhorn. 2,124,660; July 26.  
Signaling, Short wave. H. H. Beverage, P. S. Carter, and G. S. Wickizer. 2,138,134; Nov. 29.  
Signaling, Short wave. N. E. Lindenblad. 2,138,181; Nov. 29.  
Signaling system. S. F. Arbuckle, G. H. Coulter, and C. E. Godley. 2,141,188; Dec. 27.  
Signaling system. H. M. Bascom. 2,138,565; Nov. 29.  
Signaling system. S. J. Begun, I. F. Durst, and H. Barnett. 2,137,302; Nov. 22.  
Signaling system. J. I. Bellamy. 2,110,192; Mar. 8.  
Signaling system. H. S. Black and E. K. Van Tassel. 2,126,530; Aug. 9.  
Signaling system. F. R. Bridges. 2,128,578; Aug. 30.  
Signaling system. F. Calhoun. 2,124,027; July 19.  
Signaling system. W. W. Cramer. 2,111,615; Mar. 22.  
Signaling system. H. W. Dudley. 2,115,803; May 3.  
Signaling system. W. H. Edwards. 2,110,932; Mar. 15.  
Signaling system. H. Gards and A. P. Pages. 2,108,117; Feb. 15.  
Signaling system. C. W. Halligan. 2,131,589; Sept. 27.  
Signaling system. C. W. Hansell. 2,111,665; Mar. 22.  
Signaling system. H. P. Hubertz. 2,141,473; Dec. 27.  
Signaling system. W. R. Koch. 2,118,610; May 24.  
Signaling system. W. S. Lemmon. 2,104,543; Jan. 4.  
Signaling system. C. E. Lomax and J. H. Voss. 2,117,488; May 17.  
Signaling system. F. K. Low. 2,106,356; Jan. 25.  
Signaling system. W. H. Martin. 2,130,468; Sept. 20.  
Signaling system. R. L. Miller. 2,117,739; May 17.  
Signaling system. S. F. Nelson. 2,113,217; Apr. 5.  
Signaling system. H. M. Pruden. 2,138,613; Nov. 29.  
Signaling system. G. A. Pultis. 2,113,321; Apr. 5.  
Signaling system. E. O. Ressler. 2,106,810; Feb. 1.  
Signaling system. R. O. Soffel. 2,111,646; Mar. 22.  
Signaling system, Alternating current. F. E. Weld. 2,123,220; July 12.  
Signaling system and apparatus for same. W. A. Gray and L. T. Stover. 2,137,719; Nov. 22.  
Signaling system, Delayed. F. P. Gohorel. 2,139,117; Dec. 6.  
Signaling system, Direct current. E. J. McCarthy. 2,137,760; Nov. 22.  
Signaling system, Electric. T. A. Lundell. 2,122,102; June 28.  
Signaling system, Electric train. L. O. Grondahl. 2,112,364; Mar. 29.



- Signaling system, Electrical. W. H. Dean. 2,125,491; Aug. 2.
- Signaling system for automobiles and other vehicles. H. S. Davis. 2,118,775; May 24.
- Signaling system for motor vehicles. E. C. Horton. 2,126,638; Aug. 9.
- Signaling system for railroads. C. S. Bushnell. 2,122,231; June 28.
- Signaling system for railroads. O. S. Field. 2,135,496; Nov. 8.
- Signaling system for railroads. M. Hormats. 2,122,373; June 28.
- Signaling system for railroads. N. D. Preston. 2,122,379; June 28.
- Signaling system for railroads. W. H. Reichard. 2,105,930; Jan. 18.
- Signaling system for railroads. W. H. Reichard. 2,122,382; June 28.
- Signaling system for railroads. J. E. Willing. 2,107,171; Feb. 1.
- Signaling system for railroads, Automatic block. S. M. Day. 2,105,905; Jan. 18.
- Signaling system for railway and like installations. P. Nicolas. 2,110,166; Mar. 8.
- Signaling system, Highway crossing. O. S. Field and J. E. Willing. 2,106,682; Jan. 25.
- Signaling system, Highway crossing. S. J. Mackey. 2,106,681; Jan. 25.
- Signaling system, Highway crossing. W. H. Reichard. 2,106,680; Jan. 25.
- Signaling system, Highway crossing. J. E. Willing. 2,106,683; Jan. 25.
- Signaling system, Light-controlled. F. Michelssen. 2,131,328; Sept. 27.
- Signaling system, Noninterfering successive. M. W. Muether. 2,109,273; Feb. 22.
- Signaling system, Positive, non-interfering. R. M. Hopkins. 2,113,140; Apr. 5.
- Signaling system, Railway. T. J. Judge. 2,128,211; Aug. 23.
- Signaling system, Railway. T. J. Judge. 2,141,535; Dec. 27.
- Signaling system, Railway. G. R. Pfisterer. 2,132,125; Oct. 4.
- Signaling system, Railway. R. A. Sheets and S. E. Noble. 2,115,979; May 3.
- Signaling system, Remote. E. Fricke. 2,128,812; Aug. 30.
- Signaling system, Selective. A. S. Benjamin. 2,121,182; June 21.
- Signaling system, Two-way. L. G. Abraham. 2,108,186; Feb. 15.
- Signaling system, Two-way. B. G. Björnson and N. W. Bryant. 2,112,515; Mar. 29.
- Signaling system, Two-way. D. Mitchell. 2,132,180; Oct. 4.
- Signaling system, Two-way. L. Schott. 2,108,974; Feb. 22.
- Signaling system, Vehicle. E. C. Horton. 2,142,055; Dec. 27.
- Signaling system, Vehicle. W. Trautner and H. E. Metcalf. 2,133,000; Oct. 11.
- Signaling system, Wave. M. L. Levy. 2,122,653; July 5.
- Signaling system with manual override, Vehicle. H. E. Metcalf. 2,126,940; Aug. 18.
- Signaling, Ultrahigh frequency. G. C. Southworth. 2,106,771; Feb. 1.
- Signals, Apparatus for controlling highway crossing. W. H. Claus. 2,129,822; Sept. 13.
- Signals, Apparatus for the control of highway crossing. C. H. Lay. 2,114,904; Apr. 19.
- Signals, Apparatus for the control of highway crossing. B. Mishelevich. 2,124,626; July 26.
- Signals, Apparatus for the control of highway crossing. P. P. Stoker. 2,129,310; Sept. 6.
- Signals, Device for producing multiple flash. H. Abramson. 2,128,391; Aug. 30.
- Signals in single current telegraph circuits, Shaping. G. G. Light. 2,128,680; Aug. 30.
- Signals, Local correction of cable. H. F. Wilder. 2,109,982; Mar. 1.
- Signature keying device. W. Kimmich. 2,134,562; Oct. 25.
- Signboard mold frame. G. D. Overholtz. 2,116,844; May 10.
- Silencer construction. F. E. Deremer. 2,116,751; May 10.
- Silencer construction. F. E. Deremer. 2,139,151; Dec. 6.
- Silencer for internal combustion engine. A. A. Chase. 2,122,086; June 28.
- Silencer for internal combustion engines. J. Hawle. 2,109,995; Mar. 1.
- Silencer for internal combustion engines. W. A. E. Hurlock. 2,124,489; July 19.
- Silencing device for endless track vehicles. A. Kégresse. 2,120,753; June 14.
- Silica and preparation thereof, Amorphous precipitated. R. V. Hensen. 2,114,123; Apr. 12.
- Silica drilling fluid, Amorphous. O. Mayfield. 2,109,337; Feb. 22.
- Silica for glass batches, Preparation of. H. P. Hood. 2,106,745; Feb. 1.
- Silica, Purification of. R. Hutchinson and J. A. Newbold. 2,119,105; May 31.
- Silicate and making same, Stable hydrous. G. R. McDaniel. 2,131,718; Sept. 27.
- Silicates and preparing same, Anhydrous water soluble. L. T. Howells, A. W. Scheidt, and H. B. Williams. 2,110,363; Mar. 8.
- Silicates of zirconium and making same, Double. C. J. Kinzie. 2,127,844; Aug. 23.
- Siliceous materials, Treating. R. C. Folger. 2,141,132; Dec. 20.
- Silicon steel, Rolling and treating. H. Hiemenz. 2,113,537; Apr. 5.
- Silicon ware, Producing. M. Hauser. 2,112,777; Mar. 29.
- Silk and textile materials, Composition and process for soaking. D. S. Chamberlin. 2,127,904; Aug. 23.
- Silk and the like, Production of artificial. H. Bertsch. 2,104,722; Jan. 11.
- Silk and the manner of its production, Fibrous. A. H. Rosenberg. 2,141,253; Dec. 27.
- Silk, Bleaching artificial. H. E. McNutt. 2,105,839; Jan. 18.
- Silk, etc., of mat appearance, Forming artificial. J. J. Stoeckly and E. Witte. Re. 20,953; Dec. 20.
- Silk, Manufacture of artificial. R. F. Davis. 2,128,604; Aug. 30.
- Silk, Manufacture of artificial. T. Dokkum. 2,122,519; July 5.
- Silk, Manufacture of artificial. A. J. Engel. 2,122,092; June 28.
- Silk, Manufacture of artificial. H. D. Mudford. 2,132,491; Oct. 11.
- Silk, Manufacture of artificial. W. Ostermann. 2,127,984; Aug. 23.
- Silk, Manufacture of artificial. J. J. Polak and J. G. Weeldenburg. 2,125,031; July 26.
- Silk, Manufacture of artificial. P. Schlack. 2,142,007; Dec. 27.
- Silk, Manufacture of artificial. A. R. Zart and A. Maxton. 2,111,502; Mar. 15.
- Silk, Matting of artificial. K. Brodersen and M. Quaadvilleg. 2,123,986; July 19.
- Silk of viscose, Desulphurizing artificial. E. Hubert and H. Hecht. 2,128,612; Aug. 30.
- Silk, Producing artificial. W. L. Hyden and J. S. Fonda. 2,107,668; Feb. 8.
- Silk, Producing matting effects on artificial. K. Brodersen, M. Quaadvilleg, A. Schneider, and H. Gensel. 2,123,987; July 19.
- Silk reeling machine. G. S. Beckman. 2,128,903; Sept. 6.
- Silk sterilization. J. S. Reichert and R. W. McAllister. 2,125,398; Aug. 2.
- Silk, Throwing. M. A. Salembier, Jr. 2,123,970; July 19.
- Silk throwing and quill or cop forming apparatus. J. P. McHugh. 2,114,093; Apr. 12.
- Silver and mercury, Preparing colloidal compounds of. E. V. Voelker. 2,132,886; Oct. 11.
- Silver and products obtained therefrom, Electrodeposition of. B. Egeberg and N. Promisel. 2,110,792; Mar. 8.
- Silver, Electrodeposition of. A. R. Powell and E. C. Davies. 2,113,517; Apr. 5.
- Silver halide colloid layers without distortion on future printing forms, Applying. F. Leiber. 2,120,441; June 14.
- Silver-halide emulsions, Sensitizing of. W. Zeh. 2,104,064; Jan. 4.
- Silver recovery. K. C. D. Hickman, J. R. Turner, and W. J. Weyerts. 2,131,045; Sept. 27.
- Silver recovery. M. J. Reid. 2,131,072; Sept. 27.
- Silver tarnish inhibitor. W. C. Gangloff and R. H. Hleronymus. 2,117,657; May 17.
- Silverware, Method and material for preventing the tarnishing of. K. H. Barnard and A. F. McLean. 2,136,483; Nov. 15.
- Single cutter die. J. D. Tucker. 2,112,055; Mar. 22.
- Single-trigger device. F. T. Fahlen. 2,134,604; Oct. 25.
- Singletree, Safety. C. W. McVey. 2,128,835; Aug. 30.
- Sink. A. A. Boisvert. 2,130,943; Sept. 20.
- Sink. V. J. Graf. 2,127,559; Aug. 23.
- Sink drain trap. R. H. Vanerstrom. 2,140,436; Dec. 13.
- Sinker. J. A. Stefan. 2,140,724; Dec. 20.
- Sinker, Fishline. J. Rosenquist. 2,135,847; Nov. 8.
- Sinker, Retrievable. F. W. Gaines and W. H. Williams. 2,109,693; Mar. 1.
- Sinks, Apparatus for making. V. J. Graf. 2,120,094; June 7.
- Sinks, Making. V. J. Graf. 2,105,944; Jan. 18.
- Sinks, Making. J. Stanitz. 2,121,672; June 21.
- Sintering charge, Igniting a. J. E. Greenawalt. 2,112,887; Apr. 5.
- Siphon device. G. A. Nealon. 2,109,781; Mar. 1.
- Siphonic back flow, Apparatus for preventing. J. H. Cox. 2,111,614; Mar. 22.
- Siren. O. I. H. Ekman. 2,110,505; Mar. 8.
- Siren. O. I. H. Ekman. 2,110,522; Mar. 8.
- Siren. O. I. H. Ekman. 2,114,654; Apr. 19.
- Siren. O. I. H. Ekman. 2,130,716; Sept. 20.
- Siren oscillator circuit, Signal controlled. W. V. Roberts. 2,122,672; July 5.
- Sirup, Preparation of viscose. G. A. Richter. 2,138,014; Nov. 29.
- Sirup, Sweetpotato. H. S. Paine and E. Yanovsky. 2,126,133; Aug. 9.



- Sirups and like liquids, Device for dispensing. D. Mayne. 2,124,924; July 26.
- Size controlling mechanism for boring machines and the like. H. L. Blood. Re. 20,634; Jan. 25.
- Size determining mechanism for automatic machines. H. L. Blood. 2,116,232; May 3.
- Size, Making a. A. C. Dreshfield and H. A. Johnstone. 2,134,911; Nov. 1.
- Size on a paper strip, Coating. G. Corse. 2,123,354; July 12.
- Size, Preparing a. W. H. Harding. 2,128,482; Aug. 30.
- Size, Rosin. A. C. Dreshfield and H. A. Johnstone. 2,134,912; Nov. 1.
- Sizer and stretcher, Adjustable garment. M. Dickey. 2,108,308; Feb. 15.
- Sizer, Fruit. F. W. Cutler. 2,106,341; Jan. 25.
- Sizer, Hydraulic. C. E. Wood. 2,138,810; Nov. 29.
- Sizing and shearing method and device for flattened expanded metal. M. G. Vass. 2,121,469; June 21.
- Sizing apparatus for internal grinding machines. R. A. Cole. 2,121,729; June 21.
- Sizing device for winding machines. G. N. Taylor. 2,116,453; May 3.
- Sizing fabric. E. K. Bolton. 2,107,852; Feb. 8.
- Sizing method and machine. O. E. Gibson. 2,121,468; June 21.
- Sizing of paper, Starch. B. W. Rowland and J. V. Bauer. 2,113,034; Apr. 5.
- Skate. W. J. Grubb. 2,130,641; Sept. 20.
- Skate. H. R. Segal. 2,139,699; Dec. 13.
- Skate. S. Segal. 2,118,823; May 31.
- Skate attachment, Roller. M. Galgoczy. 2,140,224; Dec. 13.
- Skate blade holder. W. J. Grubb. 2,130,642; Sept. 20.
- Skate clamp. H. F. Whitcomb, Jr. 2,124,724; July 26.
- Skate, Ice. F. W. Kinney. 2,108,128; Feb. 15.
- Skate, Roller. J. E. Becker. 2,117,785; May 17.
- Skate, Roller. W. R. Campbell. 2,122,311; June 28.
- Skate, Roller. J. S. Coldwell. 2,104,536; Jan. 4.
- Skate, Roller. J. S. Coldwell and H. L. Zimmerman. 2,117,704; May 17.
- Skate, Roller. F. W. Brazel. 2,137,330; Nov. 22.
- Skate, Roller. A. F. Kaptuller. 2,122,066; June 28.
- Skate, Roller. D. Kees. 2,127,630; Aug. 23.
- Skate, Roller. D. A. McCloy. 2,136,306; Nov. 8.
- Skate, Roller. C. Siffert. 2,113,862; Apr. 12.
- Skate, Roller. C. Vogt. 2,126,359; Aug. 9.
- Skate, Roller. C. Vogt. 2,128,865; Aug. 30.
- Skate wheel, Ball bearing. W. F. Hoerle. 2,105,354; Jan. 11.
- Skates, Attachment for. J. P. Jorgensen. 2,137,637; Nov. 22.
- Skein. J. I. Taylor. 2,117,997; May 17.
- Skein dyeing apparatus. A. Soriano. 2,137,731; Nov. 22.
- Skein-forming device. J. P. Shorrock. 2,136,025; Nov. 8.
- Skeleton, Anatomical. M. M. Metz. 2,108,229; Feb. 15.
- Skew and bow in woven material, Apparatus for correcting. C. W. La Pierre. 2,106,611; Jan. 25.
- Skl. C. G. Suits. 2,126,152; Aug. 9.
- Skl. B. Ullevoldsaeter. 2,112,183; Mar. 22.
- Skl attaching device. A. Attenhofer. 2,106,110; Jan. 18.
- Skl binding. S. Holm. 2,137,048; Nov. 15.
- Skl bindings, Adjusting and fixing device on. W. Honnegger. 2,135,895; Nov. 8.
- Skl, Child's. C. S. Reitan. 2,131,569; Sept. 27.
- Skl clamp. H. Aubert. 2,133,883; Oct. 18.
- Skl clamping device. L. Aubert. 2,107,195; Feb. 1.
- Skl form protector. J. H. E. Carlstedt. 2,136,965; Nov. 15.
- Skl, heel. D. C. Hubbard. 2,131,283; Sept. 27.
- Skl holder. L. Windhelm. 2,118,875; May 31.
- Skl-pole. A. Müller-Roggli. 2,123,311; July 12.
- Skl poles and hiking sticks. H. B. Ring. 2,123,437; July 12.
- Skl press. G. P. Butler, Jr. 2,128,036; Aug. 23.
- Skl true. W. O. Davies. 2,137,666; Nov. 22.
- Skis, Traction device for. N. J. Jerns, Jr. 2,120,363; June 14.
- Skid, Car. C. A. Warden. 2,132,332; Oct. 4.
- Skid, Leveling. J. H. Kennedy. 2,117,026; May 10.
- Skid preventing device. H. T. Kraft. 2,117,766; May 17.
- Skid-preventing device for use with vehicle tires. H. T. Kraft. 2,121,740; June 21.
- Skidding plate. W. E. McCraw. 2,132,744; Oct. 11.
- Skimming device for glass tanks or furnaces. T. F. Pearson. 2,134,838; Nov. 1.
- Skimming device for settling tanks. M. B. Tark. 2,137,421; Nov. 22.
- Skin, hide and leather working machine. F. Wayland. 2,109,739; Mar. 1.
- Skin, hide and leather working machine. F. Wayland. 2,137,866; Nov. 22.
- Skin protectant composition. O. F. Oliver. 2,120,569; June 14.
- Skin treatment. M. Pulgar. 2,138,428; Nov. 29.
- Skinning device. R. K. Schmid and W. P. Wezel. 2,132,087; Oct. 4.
- Skinning machine. W. H. O'Connor. 2,123,312; July 12.
- Skins and hides, Tanning. G. F. Lloyd. 2,109,572; Mar. 1.
- Skins and hides, Treating animal. R. Müller. 2,113,790; Apr. 12.
- Skins in leather manufacture, Bating. J. A. Wilson. 2,132,366; Oct. 4.
- Skins, Tanning. A. C. Orthmann. 2,115,562; Apr. 26.
- Skirt and making the same. I. A. Winter. 2,141,632; Dec. 27.
- Skirt blocker. J. D. Hogan. 2,110,666; Mar. 8.
- Skirt hanger. H. D. and D. L. Wischart. 2,129,455; Sept. 6.
- Skirts, Machine knitting seamless fashioned. H. H. Newberger. 2,120,035; June 7.
- Skiving machine. C. C. Bell. 2,134,809; Nov. 1.
- Skiving machine. E. J. Ray. 2,128,320; Aug. 30.
- Skylight. M. Feldman. 2,132,848; Oct. 11.
- Skylight. I. Williams. 2,120,060; June 7.
- Skylight, Double glazed. G. H. Lenke. 2,116,838; May 10.
- Skylight, Ventilating. L. W. Mulford. 2,138,189; Nov. 29.
- Skyrocket. L. F. Holcomb. 2,107,734; Feb. 8.
- Slab. H. H. Bunker. 2,112,949; Apr. 5.
- Slab and coloring same, Limestone. F. and K. Bluem. 2,129,460; Sept. 6.
- Slab, Artificial. R. Lattorf. 2,105,152; Jan. 11.
- Slab, Composite paving. C. W. Leguillon. 2,126,965; Aug. 16.
- Slab concrete construction system, Precast hollow. J. E. Marston. 2,139,623; Dec. 6.
- Slab construction, Doweled. C. F. Davis, J. G. Brush, and R. H. Peck. 2,107,145; Feb. 1.
- Slab construction, Flat. S. Madsen. 2,117,489; May 17.
- Slab construction, Two-plane. C. F. Davis. 2,120,200; June 7.
- Slab, Doweled. C. F. Davis, J. G. Brush, and R. H. Peck. 2,107,144; Feb. 1.
- Slab for continuous furnaces, Cleaning. J. W. Weisen. 2,132,591; Oct. 11.
- Slab molding frame. E. D. Coddington. 2,131,655; Sept. 27.
- Slab piler. T. A. Zsomboky. 2,130,171; Sept. 13.
- Slab turning apparatus. J. F. Spellacy and T. L. Burrell. 2,120,314-5; June 14.
- Slab with insulating insert, Precast. C. F. Davis. 2,114,048; Apr. 12.
- Slack adjuster. B. S. Aikman. 2,118,389; May 24.
- Slack adjuster. A. G. Brackenbury. 2,132,934; Oct. 11.
- Slack adjuster. T. James, Jr. 2,117,250; May 10.
- Slack adjuster. T. James, Jr. 2,127,920; Aug. 23.
- Slack adjuster. E. G. Mueller. 2,126,652; Aug. 9.
- Slack adjuster. O. Rasmussen and R. C. Rike. 2,138,206; Nov. 29.
- Slack adjuster, Automatic. H. Gutkaiss. 2,109,637; Mar. 1.
- Slack adjuster, Automatic. F. E. Schwentler. 2,109,036-7; Feb. 22.
- Slack adjuster, Automatic. F. E. Schwentler. 2,112,817; Mar. 29.
- Slack adjuster for brakes. E. Christianson. 2,122,975; July 5.
- Slack adjuster for motor vehicle brakes. E. J. M. Brinck and R. V. A. Olsson. 2,109,284; Feb. 22.
- Slack-adjusting device, Automatic heat-compensated. L. C. Brisson. 2,133,533; Oct. 18.
- Slack eliminator for shoe patching machines. N. Peters. 2,138,981; Dec. 6.
- Slack limiting device. E. H. Piron. 2,136,563; Nov. 15.
- Slack take-up for thrust ropes of power shovels. W. Lehman. 2,123,904; July 19.
- Slag, Apparatus for handling molten. J. W. Forsythe and W. Stewart. 2,139,949; Dec. 13.
- Slag pocket construction. I. C. Johnston. 2,130,925; Sept. 20.
- Slagging furnace. G. P. Jackson. 2,126,557; Aug. 9.
- Slagging furnace. G. P. Jackson. 2,133,703; Oct. 18.
- Slagging furnace. W. R. Wood. 2,126,524; Aug. 9.
- Slat assembling device. W. D. Lawshe. 2,135,755; Nov. 8.
- Slat feed. G. C. Paxton. 2,119,054; May 31.
- Slat, Venetian blind. C. Ellis. 2,121,217; Aug. 21.
- Slat, Venetian blind. S. Hammer. 2,130,319; Sept. 13.
- Sled. W. G. Findley. 2,115,489; Apr. 26.
- Sled. C. O. Lyons. 2,104,263; Jan. 4.
- Sled. L. F. McCleary. 2,109,826; Mar. 1.
- Sled brake. H. F. Heffner and L. L. De Turk. 2,107,893; Feb. 8.
- Sled brake, Momentum actuated. R. N. Brickner. 2,105,308; Jan. 11.
- Sled, Coasting. H. White. 2,140,976; Dec. 20.
- Sled, Cycle. G. H. Johnson. 2,129,935; Sept. 13.
- Sled knee. T. Mungen. 2,123,486; July 12.
- Sled, Sport. W. J. Nelson and E. A. Lellding. 2,139,513; Dec. 6.
- Sled, Steering. J. M. Bowen. 2,105,633; Jan. 18.
- Sleeping bag, Garment like. G. C. Dalber. 2,121,788; June 28.
- Sleeping cabinet, Air conditioned. J. A. Conbole. 2,104,024; Jan. 4.
- Sleeping car. D. F. Zook. 2,112,005; Mar. 22.
- Sleeve and expansion insert therefor. L. Kohn. 2,130,444; Nov. 15.
- Sleeve for garments, Detachable. D. Stramello. 2,104,826; Jan. 11.
- Sleeve length comparison device. L. Shulman and H. C. Jarvis. 2,112,930; Apr. 5.



- Sleeve packer construction. W. F. Bettis. 2,125,665; Aug. 2.
- Sleeve, Safety swimming. V. V. Crockett. 2,111,358; Mar. 15.
- Sleeves with inserted extensible gussets, Construction of coat. G. W. Sawyer. 2,119,293; May 31.
- Slide mechanism, End. A. Van Veen. 2,118,531; May 24.
- Sliced bread holder. T. A. Mudd. 2,117,566; May 17.
- Slicer. E. G. Streckfuss and G. A. Lensky. 2,137,364; Nov. 22.
- Slicer, Bread. R. J. Beutel. 2,141,947; Dec. 27.
- Slicer, Butter. C. A. Winslow. 2,111,035; Mar. 15.
- Slicer, Potato. S. Bloomfield. 2,131,092; Sept. 27.
- Slicer, Sandwich bun. B. F. and W. E. Smith and W. C. Broyles. 2,126,226; Aug. 9.
- Slicer, Vegetable. H. P. Arnt. 2,110,836; Mar. 8.
- Slicer, Vegetable. A. E. Orner. 2,108,972; Feb. 22.
- Slicing and dispensing device. D. C. Lopez. 2,122,947; July 5.
- Slicing apparatus. F. J. Englen. 2,126,458; Aug. 9.
- Slicing apparatus. P. G. Peddicord. 2,121,349; June 21.
- Slicing machine. H. W. Barnes. 2,123,396; July 12.
- Slicing machine. F. H. Cooper. 2,108,306; Feb. 15.
- Slicing machine. J. Folk. 2,126,380; Aug. 9.
- Slicing machine. J. Folk. 2,128,407; Aug. 30.
- Slicing machine. J. Folk. 2,136,792; Nov. 15.
- Slicing machine. H. H. McKee and N. J. Dziedzic. 2,113,851; Apr. 12.
- Slicing machine. W. J. Purck. 2,132,699; Oct. 11.
- Slicing machine. G. A. Schmitt. 2,136,319; Nov. 8.
- Slicing machine. G. W. Shaver and C. E. Sibert. 2,120,375; June 14.
- Slicing machine. E. G. Streckfuss. 2,120,164; June 7.
- Slicing machine. H. Stukart. 2,126,421; Aug. 9.
- Slicing machine. A. N. Szwargulski. 2,126,057; Aug. 9.
- Slicing machine. C. F. M. van Berkel. 2,121,351; June 21.
- Slicing machine. E. V. Varley. 2,119,660; June 7.
- Slicing machine. H. Weiner and E. I. Friedman. 2,119,760; June 7.
- Slicing machine for bakery products. L. Ferenci. 2,141,904; Dec. 27.
- Slicker tool. J. H. Connor. 2,118,070; May 24.
- Slidable fastener. A. M. Brown. 2,141,900; Dec. 27.
- Slidable seat. E. Richter and E. L. Schofield. 2,141,093; Dec. 20.
- Slide carrier. B. J. Kleerup. 2,113,844; Apr. 12.
- Slide carrier. B. J. Kleerup. 2,136,746; Nov. 15.
- Slide changing device for a projector. O. Wittel. 2,132,716; Oct. 11.
- Slide fastener. M. V. Clark. 2,105,213; Jan. 11.
- Slide fastener. F. P. Miller and L. Skeel. 2,108,009; Feb. 8.
- Slide fastener. S. Quisling. 2,111,729; Mar. 22.
- Slide fastener, Removable. H. G. Kates. 2,114,683; Apr. 19.
- Slide loop. C. E. Anderson. 2,105,516; Jan. 18.
- Slide mechanism, Dispensing. J. C. Wahl. 2,119,897; June 7.
- Slide or buckle for bands, webbing, or the like, Adjusting. G. T. Walker and H. H. Wood. 2,119,961; June 7.
- Slide, Playground. E. M. Burke. 2,129,909; Sept. 13.
- Slide rule fastener. A. W. Keuffel. 2,136,169; Nov. 8.
- Slide valve, Rotatable. W. H. Martin. 2,127,265; Aug. 16.
- Slide vehicle. H. W. Hanna. 2,120,747; June 14.
- Slide wire resistance. T. R. Harrison, E. H. Grauel, and J. E. Kessler. 2,122,370; June 28.
- Slider for fasteners. G. Wintritz. 2,108,185; Feb. 15.
- Slider for separable fasteners. V. Puc. 2,119,352; May 31.
- Slider retaining device. A. E. Carlile. 2,112,725; Mar. 29.
- Sliders for sliding-clasp fasteners, Method of and blank for making. B. Reiter. 2,140,764; Dec. 20.
- Sliding door. R. F. Lohman. 2,114,743; Apr. 19.
- Sliding door fastener. J. E. Hogan. 2,118,729; May 24.
- Sliding element and making the same. L. Kirschbraun. 2,139,620; Dec. 6.
- Slip, Arm. H. E. Coombs. 2,111,963; Mar. 22.
- Slip. G. D. Johnson and C. H. Hardies. 2,131,400; Sept. 27.
- Slip. S. F. Bashara. 2,134,468; Oct. 25.
- Slip. M. C. Schrank. 2,104,596; Jan. 4.
- Slip. M. C. Schrank. 2,118,047; May 3.
- Slip, Adjustable strapless. R. M. Marshall. 2,113,795; Apr. 12.
- Slip and drive mechanism, Combination safety. W. W. Criley. 2,108,165; Feb. 15.
- Slip construction. F. Kopp and L. Morris. 2,108,894; Feb. 22.
- Slip coupling, Electrodynamic. N. Ericson. 2,120,352; June 14.
- Slip cover. P. Trubitz. 2,123,667; July 12.
- Slip cover, Furniture. L. Mednick. 2,129,225; Sept. 6.
- Slip mounting. C. S. Crickmer. 2,131,275; Sept. 27.
- Slip sheeting device. F. Nigra. 2,139,132; Dec. 6.
- Slipper. G. D. Judkins. 2,119,233; May 31.
- Slipper bearing. J. P. Ruth. 2,126,668; Aug. 9.
- Slip-proof fabric. O. Röhm, K. Schottenhammer, and E. Gröner. 2,134,579; Oct. 25.
- Slips for oil tools, Making cast iron. C. E. Burt. 2,134,749; Nov. 1.
- Slivers in combing machines, gill boxes or other machines for preparing textile fibers for spinning, Drawing-off. P. J. Gillespie. 2,112,337; Mar. 29.
- Slivers, Method of and apparatus for preparing. H. Gies. 2,137,908; Nov. 22.
- Slop, Method of and apparatus for filtering distillery. C. W. Kalkhoff. 2,126,018; Aug. 9.
- Slot closer. L. C. Luke. 2,108,720; Feb. 15.
- Slots in concrete road surfaces, Producing dilation. A. Holter. 2,129,325; Sept. 6.
- Slotter head. T. S. Fitchett. 2,105,033; Jan. 11.
- Slotting machine. L. G. Larsen. 2,109,356; Feb. 22.
- Slotting machine. L. G. Larsen. 2,118,515; May 24.
- Slubbing on drawing frames, Method of and device for producing. B. Pross. 2,136,923; Nov. 15.
- Sludge and other waste materials, Incineration of sewage. H. J. Hartley and D. Baird. 2,121,662; June 21.
- Sludge process and apparatus therefor, Activated. J. D. Walker. 2,120,658; June 14.
- Sludge purification of sewage and other liquids, Activated. P. B. Streaender. 2,126,228; Aug. 9.
- Sludge separation. A. A. Wells. 2,111,920; Mar. 22.
- Slug adjuster. R. J. Lloyd. 2,128,369; Aug. 30.
- Slug casting machine. F. C. Frolander. 2,104,859; Jan. 11.
- Slug casting machine. G. P. Kingsbury. 2,118,927; May 31.
- Slug casting machine. R. R. Mead. 2,116,035; May 3.
- Slug casting machine. R. R. Mead. 2,121,975; June 28.
- Slug casting machine. R. R. Mead. 2,123,822; July 12.
- Slug casting machine. W. L. Petersen. 2,112,177; Mar. 22.
- Slug casting machine. A. J. Stouges. 2,125,695; Aug. 2.
- Slug casting machine, Typographical. C. A. Albrecht. 2,124,664-5; July 26.
- Slug eliminator for vending machines. A. C. Smith. 2,138,055; Nov. 29.
- Slug, Making a play ball. G. D. Grau, Jr. 2,138,004; Nov. 29.
- Slugs, Apparatus for forming metal. A. H. Gaess. 2,138,488; Nov. 29.
- Sluice bearing structure, Roller. P. Cicin. 2,139,488; Dec. 6.
- Sluice gate. F. W. Pellert. 2,139,458; Dec. 6.
- Slur preventer for printing presses. D. L. Ervin. 2,114,374; Apr. 19.
- Slurry and other materials, Apparatus for drying. L. D. Parker. 2,126,029; Aug. 9.
- Slurry drier. A. G. Carlson. 2,122,857; July 5.
- Slurry drier for cement plants. A. A. Chaney. 2,132,984; Oct. 11.
- Slush casting machine. O. Rieg. 2,137,217; Nov. 15.
- Small synchronous motor. B. E. Lenehan. 2,140,365; Dec. 13.
- Smash preventer for shuttle changing looms. W. M. Wattie. 2,123,266; July 12.
- Smelting, Aluminothermic. O. H. Lorange. 2,142,031; Dec. 27.
- Smelting furnace. C. C. Berg. 2,121,465; June 21.
- Smelting furnace cover, Electric. P. Honegger. 2,116,202; May 3.
- Smelting, Process of. F. E. Wing. 2,105,574; Jan. 18.
- Smoke baffling device. M. Kornblatt. 2,105,151; Jan. 11.
- Smoke box structure. Le R. Thompson. 2,104,958; Jan. 11.
- Smoke condensing and fuel saving device. C. D. Waldon. 2,113,070; Apr. 5.
- Smoke inspection device. R. H. Wager. 2,118,716; May 24.
- Smoke, Producing colored. E. Neukirch. 2,108,019; Feb. 8.
- Smoker and steam vapor cooker for hams and other meats and meat products. B. B. Hanak. 2,123,040; July 5.
- Smoker's accessory. B. R. McCready. 2,118,564; May 24.
- Smoker's pipe. J. F., T. J., and C. H. Daly. 2,119,099; May 31.
- Smoker's pipe. F. F. Field. 2,126,545; Aug. 9.
- Smoker's pipe. J. H. Flatley. 2,134,781; Nov. 1.
- Smoker's stand. C. Fox. 2,114,527; Apr. 19.
- Smoking appliance. R. G. Thomas. 2,132,909; Oct. 11.
- Smoking apparatus. A. F. Meyer. 2,117,492; May 17.
- Smoking device. H. C. Stultz. 2,108,218; Feb. 15.
- Smoking implement. A. G. Van Devanter. 2,124,130; July 19.
- Smoking pipe. P. E. Cahow. 2,116,382; May 3.
- Smoking pipe. F. L. De Vita. 2,132,289; Oct. 4.
- Smoking pipe. H. A. Douglas. 2,138,322; Nov. 29.
- Smoking pipe. N. K. Jellinghaus. 2,106,747; Feb. 1.
- Smoking pipe. N. K. Jellinghaus. 2,136,745; Nov. 15.
- Smoking pipe. W. Kreutz. 2,118,612; May 24.
- Smoking pipe. H. C. McClune. 2,116,951; May 10.
- Smoking pipe. N. F. Miller. 2,134,197; Oct. 25.
- Smoking pipe. F. H. Silverthorne. 2,104,777; Jan. 11.
- Smoking pipe. J. P. Tarbox. 2,106,774; Feb. 1.
- Smoking pipe, Cool. M. La Barbera. 2,122,255; June 28.
- Smoking stand. W. Hoffmann. 2,130,844; Sept. 20.
- Smoking stand. E. Schultz. 2,116,646; May 10.
- Smoking tube. E. Bruder. 2,119,198; May 31.
- Snap action. E. C. Horton. 2,118,792; May 24.
- Snap action mechanism. H. Kelly. 2,116,605; May 10.
- Snap action mechanism. T. G. Richmond. 2,113,494; Apr. 5.
- Snap fastener. J. M. Oldham. 2,130,597; Sept. 20.



- Snap hook. F. L. Roof. 2,135,771; Nov. 8.  
 Snap switch. C. Aalborg. 2,134,541; Oct. 25.  
 Snap switch. R. H. Bentley. 2,109,378; Feb. 22.  
 Snap switch. C. J. Hathorn. 2,127,686; Aug. 23.  
 Snap switch. C. J. Hathorn. 2,131,590; Sept. 27.  
 Snap switch. C. J. Hathorn. 2,133,858; Oct. 18.  
 Snap switch. G. A. Johnson. 2,117,172; May 10.  
 Snapper for knitting machines. E. L. Ball. 2,115,610; Apr. 26.  
 Snare, Moth. E. Karfol. 2,138,926; Dec. 6.  
 Snipper, Bean. J. R. Urschel. 2,114,730; Apr. 19.  
 Snowbank cutter. S. C. Sleeper and L. Du Pras. 2,115,790; May 3.  
 Snow diverting means for automobile windshields and the like. P. S. Riel. 2,133,927; Oct. 18.  
 Snow from roadways, Removing. J. S. McCallum. 2,118,851; May 31.  
 Snow moving device. E. W. Austin. 2,123,925; July 19.  
 Snow moving device. E. W. Austin. 2,137,321; Nov. 22.  
 Snow plow. H. G. Clark and W. C. Sell. 2,138,783; Nov. 29.  
 Snow plow attachment. J. Collins and S. M. Wright. 2,139,328; Dec. 6.  
 Snow plow attachment for motor vehicles. A. F. Richter. 2,141,558; Dec. 27.  
 Snow removal, Apparatus for. A. M. Jeswine. 2,132,790; Oct. 11.  
 Snow removal device. J. E. Devlin. 2,104,363; Jan. 4.  
 Snow removal machine. J. J. Marino. 2,125,797; Aug. 2.  
 Snow remover. C. O. Rogers. 2,119,443; May 31.  
 Snowshoe. A. Berry. 2,125,883; Aug. 9.  
 Snow slide preventer. H. H. Royall. 2,134,624; Oct. 25.  
 Snubber, Freight car truck. A. H. Oelkers and F. E. Bachman. 2,130,674; Sept. 20.  
 Snubber spring. R. C. Pierce and W. C. Hedgcock. 2,136,908; Nov. 15.  
 Snubbing device for three-position relays. O. S. Field. 2,128,205; Aug. 23.  
 Snuffer, Oil or gas well. C. E. Wheeler. 2,125,762; Aug. 2.  
 Soaking pit and like heating furnace. W. T. Dean. 2,126,095; Aug. 9.  
 Soaking pit furnace, Recuperative. W. A. Morton and H. F. Spencer. 2,124,888; July 26.  
 Soap and glycerin, Manufacture of. R. A. Duncan. 2,126,099; Aug. 9.  
 Soap and making same, Wax acid. C. Ellis. 2,128,083; Aug. 23.  
 Soap, Apparatus for finishing. R. V. Burt, R. A. Duncan, and R. J. Short. 2,135,325; Nov. 1.  
 Soap covered with a soft sheath. C. I. Meyer. 2,132,746; Oct. 11.  
 Soap dispensing apparatus. G. B. Kaplan. 2,112,812; Mar. 29.  
 Soap dispensing device. F. J. Cantrell. 2,122,636; July 5.  
 Soap having a definite water content, Apparatus for producing. B. Clayton. 2,123,647; July 12.  
 Soap having a definite water content, Producing. B. Clayton. Re. 20,772; June 28.  
 Soap, Making. H. R. Dickinson and H. H. Moreton. 2,136,283; Nov. 8.  
 Soap, Making milled toilet. V. Mills. 2,133,666; Oct. 18.  
 Soap of low moisture content, Apparatus for producing. B. Clayton, W. B. Kerrick, and H. M. Stadt. 2,137,213; Nov. 15.  
 Soaps, Preparation of metallic. W. W. Plechner. 2,132,997; Oct. 11.  
 Soap tablet covered with a soft sheath. C. I. Meyer. 2,138,873; Dec. 6.  
 Soaps, Manufacture of nondeposition liquid. L. F. W. Pape and H. Umbach. 2,105,366; Jan. 11.  
 Soapy solutions, Apparatus for producing and dispensing. J. G. Donaldson. 2,135,969; Nov. 8.  
 Socket. H. M. Dressel. 2,109,106; Feb. 22.  
 Socket. H. H. Eby. 2,127,556; Aug. 23.  
 Socket. L. T. Frederick. 2,128,132; Aug. 23.  
 Socket. J. A. C. Galvao. 2,118,503; May 24.  
 Socket, Adjustable extension. C. Birdseye, H. D. Wilson, and W. N. Heath. 2,118,785; May 24.  
 Socket and lamp, Three way. S. Sammut. 2,127,370; Aug. 16.  
 Socket and making same, Electrical. J. B. Seever. 2,120,630; June 14.  
 Socket and support, Radio tube. A. W. Franklin. 2,109,771; Mar. 1.  
 Socket and switch, Electric light. C. A. Adams. 2,119,146; May 31.  
 Socket, Automatic switch lamp. J. W. Hobbs. 2,107,570; Feb. 8.  
 Socket construction, Electric plug. N. Chirelstein. 2,134,074; Oct. 25.  
 Socket construction, Plug. W. P. Herman. 2,138,919; Dec. 6.  
 Socket, Double ended. F. H. Weston. 2,108,632; Feb. 15.  
 Socket, Electric. A. W. Franklin. 2,109,770; Mar. 1.  
 Socket, Electric. J. M. Roper. 2,135,534; Nov. 8.  
 Socket, Electric. F. H. Weston. 2,115,000; Apr. 26.  
 Socket, Electric bulb. W. J. Clements. 2,127,675; Aug. 23.  
 Socket, Electric lamp. R. N. Wright. 2,141,587; Dec. 27.  
 Socket, Electrical. J. M. Willhammer. 2,112,510; Mar. 29.  
 Socket, Flexible resilient electric current. E. Challet. 2,124,461; July 19.  
 Socket for casters or the like, Drive-on. W. H. Noelting. 2,130,245; Sept. 13.  
 Socket for cigar lighters, etc. C. H. Cuno and C. B. Perkins. 2,113,535; Apr. 5.  
 Socket for double filament lamps, Electric lamp. B. C. Webster. 2,129,597; Sept. 6.  
 Socket for fixed focus lamps, Attachable. C. W. Anklam. 2,110,131; Mar. 8.  
 Socket for printing machines, Ink roller. T. S. Hannaford. 2,115,579; Apr. 26.  
 Socket for vacuum tubes, etc. M. Alden. 2,119,517; June 7.  
 Socket for vacuum tubes, etc. M. Alden. 2,129,725; Sept. 13.  
 Socket installation and socket for the same, Snap fastener attached lamp. C. L. Hall. 2,125,843; Aug. 2.  
 Socket joint. K. K. Larsen. 2,121,322; June 21.  
 Socket, Lamp. G. A. Johnson. 2,132,852; Oct. 11.  
 Socket, Lamp. C. McL. Moss. 2,125,082; July 26.  
 Socket, Lamp. F. Wear and A. K. Whyte. 2,120,879; June 14.  
 Socket, Lamp. F. H. Weston. 2,133,159; Oct. 11.  
 Socket, Laundryproof resilient. J. W. Dews. 2,129,825; Sept. 13.  
 Socket or capel, Rope. W. L. Hamilton. 2,127,115; Aug. 16.  
 Socket plug, Electric. M. S. Gagle. 2,128,813; Aug. 30.  
 Socket, Radio. C. L. Knutson. 2,109,217; Feb. 22.  
 Socket, Rotary automatic latch trip. J. S. Beck. 2,122,602; July 5.  
 Socket, Screw. A. E. Grant. 2,124,616; July 26.  
 Socket, Sheet metal screw. A. B. Rypinski. 2,130,399; Sept. 20.  
 Socket, Slip. J. Anthony. 2,114,988; Apr. 19.  
 Socket, Slip type releasing. S. Siracusa. 2,119,797; June 7.  
 Socket, Snap fastener. D. I. Reiter. 2,125,125; July 26.  
 Socket, Snap-in. R. W. Stearns. 2,122,848; July 5.  
 Socket strip and wire housing, Electric lamp. J. L. McConnell. 2,137,536; Nov. 22.  
 Socket, Studding. G. F. Barnett. 2,110,863; Mar. 15.  
 Socket wrench. S. Mandl. 2,108,866; Feb. 22.  
 Sod cutting tool. E. H. Picha. 2,127,751; Aug. 23.  
 Soda ash, Production of dense. P. A. Keene and A. P. Julien. 2,133,455; Oct. 18.  
 Soda, Purifying caustic. W. F. Waldeck. 2,127,496; Aug. 23.  
 Sodium acid sulphate, Noncaking. F. D. Smith. 2,119,970; June 7.  
 Sodium carbonate monohydrate, Production of. R. B. MacMullin. 2,120,287; June 14.  
 Sodium carbonate, Separation of. J. S. Stevenson. 2,135,605; Nov. 8.  
 Sodium chloride and sodium chloride from aqueous solutions, Recovery of. G. L. Cunningham. 2,129,464; Sept. 6.  
 Sodium cyanide, Manufacture of high grade. L. J. Christmann. 2,121,020; June 21.  
 Sodium lamp. D. S. Gustin. 2,119,675; June 7.  
 Sodium naphthenates from petroleum hydrocarbons, Recovering. W. B. Hendrey. 2,133,094; Oct. 11.  
 Sodium sulphate, Production of anhydrous. R. R. Bottoms. 2,129,813; Sept. 13.  
 Sofa bed. M. Fox. 2,107,993; Feb. 8.  
 Sofa bed. R. W. Schwab, Jr., and W. P. Rucker. 2,136,320; Nov. 8.  
 Soil cleaner. C. S. Mayfield. 2,110,997; Mar. 15.  
 Soil conditioner. W. L., K. L., and G. E. Morris. 2,126,909; Aug. 16.  
 Soil conditioning, Apparatus for and process of. N. Imbertson and C. F. Duerling. 2,127,175; Aug. 16.  
 Soil disrupter. C. S. Van Stekle. 2,129,453; Sept. 6.  
 Soil erosion control device. R. O. Rily. 2,129,560; Sept. 6.  
 Soil-plasticity testing apparatus. R. O. Ridenour. 2,117,985; May 17.  
 Soil, Solidifying. F. D. Sullivan. 2,138,713; Nov. 29.  
 Soil working implement. G. W. Hull. 2,131,324; Sept. 27.  
 Solar distilling apparatus. C. G. Abbot. 2,141,330; Dec. 27.  
 Solar heater. C. G. Abbot. 2,133,649; Oct. 18.  
 Solar heater. O. H. Mohr. 2,122,821; July 5.  
 Solder feed for soldering irons. B. V. Harris. 2,125,781; Aug. 2.  
 Solder pellets in cans, Process of and apparatus for detecting. R. D. Henszey, H. Buchler, and P. Smart. 2,112,621; Mar. 29.  
 Soldered joint. F. L. Chase. 2,105,405; Jan. 11.  
 Soldering and welding tool. J. W. Howle. 2,130,499; Dec. 6.  
 Soldering apparatus. W. F. Winterling. 2,116,458; May 3.  
 Soldering device. M. Kohosoff. 2,124,399; Aug. 9.  
 Soldering iron. V. I. Cruser. 2,116,602; May 10.  
 Soldering iron. F. M. Kirkpatrick. 2,126,559; Aug. 9.  
 Soldering iron. F. F. Kull and P. L. Mosser. 2,119,462; May 31.  
 Soldering iron. M. R. Oleson. 2,135,764; Nov. 8.  
 Soldering iron heater. R. J. Springall. 2,140,817; Dec. 20.



- Soldering iron tip. F. R. Hensel and E. I. Larsen. 2,140,910; Dec. 20.
- Soldering machine, Electric. P. J. Greulich. 2,130,544; Sept. 20.
- Soldering mechanism for can bodies. J. H. O'Neil. 2,109,800; Mar. 1.
- Soldering or welding machine. A. A. A. Rossignol, A. E. Quatremains, and A. L. Rossignol. 2,110,529; Mar. 8.
- Soldering solution. C. L. Boyle. 2,117,649; May 17.
- Solderless connector. E. G. Johansson. 2,114,188; Apr. 12.
- Solderless connector. C. L. Peirce, Jr. 2,135,623; Nov. 8.
- Solders, Cadmium alloy. R. R. Kennedy. 2,140,531; Dec. 20.
- Sole and arch construction for shoes, Combined. J. R. Rigandi. 2,107,620; Feb. 8.
- Sole and heel element for footwear, Cushioning. N. Giusto. 2,128,134; Aug. 23.
- Sole and heel, Rubber. W. L. Pipes. 2,124,986; July 26.
- Sole attaching press. G. Strobel. 2,137,788; Nov. 22.
- Sole, Cushion. W. H. Bain. 2,126,601; Aug. 9.
- Sole fitting machine. F. E. Bertrand. 2,106,712; Feb. 1.
- Sole, Flexible. F. R. Merritt. 2,135,725; Nov. 8.
- Sole, Flexible arch supporting. D. C. Hubbard. 2,111,666; Mar. 22.
- Sole, Flexible inner. A. L. Sanchioni. 2,113,183; Apr. 5.
- Sole machine. W. N. Bray. 2,134,100; Oct. 25.
- Sole, Medicated filler. J. A. Perault. 2,109,657; Mar. 1.
- Sole members and the shaping of shoe counters, Facilitating placing of. F. I. Ayers. 2,129,112; Sept. 6.
- Sole, Metatarsal nonslip. W. C. Burns. 2,134,598; Oct. 25.
- Sole press. W. C. Card, Jr. 2,116,967; May 10.
- Sole press. E. J. Le Gault. 2,130,590; Sept. 20.
- Sole press. G. A. Mussells. 2,139,030; Dec. 6.
- Sole roughing machine. E. J. Le Gault. 2,130,553; Sept. 20.
- Sole rounding machine. F. E. Bertrand. 2,123,272; July 12.
- Sole, Rubber. C. L. Daly. 2,104,583; Jan. 4.
- Solenoid. F. V. Clancy. 2,134,777; Nov. 1.
- Solenoid. T. A. Wetzel. 2,111,232; Mar. 15.
- Solenoid mechanism. C. G. Kronmiller. 2,121,321; June 21.
- Sole blank, Tap. C. G. Shaw. 2,140,211; Dec. 13.
- Soles for shoes, Apparatus for blacking the edges of. A. V. Shortell. 2,138,515; Nov. 29.
- Soles, Making. F. Sbicca. 2,140,118; Dec. 13.
- Soles, Making cushion. J. C. Givren. 2,125,238; July 26.
- Soles to shoes, Apparatus for applying. S. J. Finn. 2,138,960; Dec. 6.
- Soles to shoes, Attaching. J. Amico. 2,105,341; Jan. 11.
- Solids, Apparatus for cooling liquefied. T. B. Downey. 2,136,969; Nov. 15.
- Solids contained in sewage, Apparatus for disintegrating large. E. W. Svenson. 2,122,965; July 5.
- Solids from fluids, Apparatus for removing. F. W. Kerns and W. Egbert. 2,119,013; May 31.
- Solids from liquids, Separation of. R. E. Greenfield. 2,138,274; Nov. 29.
- Solids from oil, Removal of suspended. D. B. Nutt. 2,124,148; July 19.
- Solids to ice cream, Apparatus for delivering edible. H. B. Adams. 2,130,113; Sept. 13.
- Solids, Treatment of. H. I. Waterman and C. Van Vlodrop. 2,129,596; Sept. 6.
- Solitaire board. H. W. Morse. 2,115,276; Apr. 26.
- Solution for the deposition of metallic films, Reducing. D. J. Hood and J. H. Winterburg. 2,120,203; June 7.
- Solution or suspension in a water current a determined and regulatable amount of materials in a mobile, fine, or powdery condition, Apparatus for getting into. R. A. Henry. 2,110,298; Mar. 8.
- Solutions of ascorbic acid salts of histidine and manufacture of same, Stable. F. Elger. 2,134,246; Oct. 25.
- Solutions of a polymerized vinyl compound, Manufacture of. H. Rein. 2,140,921; Dec. 20.
- Solutions of cellulose in sulphuric acid, Preparing. H. Fink and R. Hofstadt. 2,141,383; Dec. 27.
- Solutions of chlorinated rubber, Treatment of. J. P. Baxter, T. N. Montgomery, and J. G. Moore. 2,104,069; Jan. 4.
- Solutions of colloidal and crystalloidal nature, and in particular of sweet juices and residual waters, Treatment of. E. J. Hugel. 2,126,555; Aug. 9.
- Solutions of rubber and substances similar to rubber, Production of. J. Treboux. 2,104,358; Jan. 4.
- Solutions of soluble heavy metal salts of sulphonated aliphatic compounds, Aqueous. W. H. McAllister, R. A. Duncan, and O. T. Quimby. 2,121,485; June 21.
- Solutions of substances having an anesthetic effect, Stable aqueous. E. Dörzbach and V. Bross. 2,132,351; Oct. 4.
- Solutions of vulcanized rubber in organic solvents of fine colloidal up to molecular dispersions and making those solutions. N. Lebedenko, M. Naphtali, N. Kroll, and H. Meyer. 2,128,654; Aug. 30.
- Solutions, Process and apparatus for the preparation of. H. N. Gilbert. 2,125,274; Aug. 2.
- Solvent, Apparatus for reclaiming. R. A. Hetzer. 2,140,623; Dec. 20.
- Solvent composition. Hydroformed. R. T. Haslam. 2,129,735; Sept. 13.
- Solvent, Degreasing. A. A. Levine. 2,116,438; May 3.
- Solvent dewaxing and extracting of petroleum oils. E. B. Hjerpe and W. A. Gruse. 2,110,627; Mar. 8.
- Solvent dispensing apparatus. M. J. Bean. 2,141,638; Dec. 27.
- Solvent extraction of olefines and diolefines from petroleum. C. A. Cohen. 2,139,000; Dec. 6.
- Solvent extraction process. S. Tijmstra. 2,109,157; Feb. 22.
- Solvent for use in treatment of ores. M. W. MacAfee. 2,129,700; Sept. 13.
- Solvent fractionation. G. L. Parkhurst. 2,120,810; June 14.
- Solvent in solvent treating processes, Recovery of. G. A. Beiswenger. 2,115,003; Apr. 26.
- Solvent, Producing a. J. E. Harvey, Jr. 2,128,609; Aug. 30.
- Solvent recovery. A. B. Ray. 2,114,810; Apr. 19.
- Solvent refining. L. A. Clarke. 2,131,999; Oct. 4.
- Solvent refining of hydrocarbon. B. Y. McCarty. 2,132,359; Oct. 4.
- Solvent refining of mineral oil. E. G. McFarland. 2,139,240; Dec. 6.
- Solvent refining of petroleum oils. A. W. Hixson and R. Miller. 2,138,166; Nov. 29.
- Solvent refining process. R. E. Manley, B. Y. McCarty, and H. H. Gross. 2,121,323; June 21.
- Solvent refining with nitroalcohols. G. H. Morey. 2,135,468; Nov. 1.
- Solvent thinner and preparing the same. D. I. Ousheff. 2,117,990; May 17.
- Solvents by fermentation, Production of neutral. J. Müller. 2,132,039; Oct. 4.
- Solvents for dewaxing oils, Using hydrogenated. J. V. Starr. 2,126,055; Aug. 9.
- Solvents from gases, Recovery of. F. R. Bishowsky. 2,129,299; Sept. 6.
- Solvents, Halogenated hydrocarbon. P. J. Wiezevich and H. G. Vesterdal. 2,119,873; June 7.
- Solvents, Production of organic deodorized. F. N. Pickett. 2,126,277; Aug. 9.
- Solvents, Recovery of. F. W. Sullivan, Jr. 2,111,822; Mar. 22.
- Sonic depth and height indicator. B. A. Wittkuhns and F. M. Watkins. 2,131,993; Oct. 4.
- Soot blowing and cleaning apparatus for boilers, economizers, or the like. J. W. L. Simpson. 2,115,885; May 3.
- Soot blowing apparatus for air preheaters. F. C. Arey and D. E. Hibner, Jr. 2,109,855; Mar. 1.
- Soot remover. E. W. Adams, F. K. Ovitz, and E. G. Wiley. 2,141,848; Dec. 27.
- Soot trap. T. B. Smith. 2,140,973; Dec. 20.
- Sorting machine. E. A. Ford. 2,123,237; July 12.
- Sorting machine. E. J. F. Rey. 2,138,645; Nov. 29.
- Sorting machine, Perforated record. L. H. Fronefield. 2,120,355; June 14.
- \*Sorting machine, Rotary. L. H. Strayer. 2,133,061; Oct. 11.
- SO<sub>2</sub> from gases, Removal of. R. W. Millar and H. P. A. Groll. 2,139,375; Dec. 6.
- SO<sub>2</sub> from waste gases, Recovering. H. F. Johnstone. 2,134,482; Oct. 25.
- Sound absorbing construction. L. H. MacDonald. 2,112,631; Mar. 29.
- Sound absorbing construction. K. Slidell. 2,124,086; July 19.
- Sound absorbing unit. R. V. Parsons. 2,132,642; Oct. 11.
- Sound adsorbing structure. H. F. Schmidt. 2,112,608; Mar. 29.
- Sound and other wave motions, Electromagnetic reproduction of. F. M. Best. 2,110,193; Mar. 8.
- Sound and picture aperture unit and film feeding mechanism. A. J. Holman. 2,120,249; June 14.
- Sound and picture reproducing apparatus. R. Platt-Hepworth. 2,130,010; Sept. 13.
- Sound and picture reproducing apparatus, Combined. F. Freimann. 2,139,152; Dec. 6.
- Sound and picture system. R. Harding, Jr. 2,112,527; Mar. 29.
- Sound and projection apparatus. J. Erwood. 2,127,590; Aug. 23.
- Sound, Apparatus for reproducing. F. Crudo and K. A. Svanholm. 2,137,157; Nov. 15.
- Sound, Apparatus for reproducing. G. Veal. 2,107,920; Feb. 8.
- Sound attenuating device. R. B. Bourne. 2,127,672; Aug. 23.
- Soundboard for pianos. P. H. Bilhuber. 2,107,659; Feb. 8.
- Sound changer, Frequency and wave length. H. McCurdy. 2,113,055; Apr. 5.
- Sound device. J. M. Kuhlik. 2,105,741; Jan. 18.
- Sound device for fluid boilers. M. Mueller. 2,137,805; Nov. 22.
- Sound distortion, Neutralizing. W. Wilson. 2,107,135; Feb. 1.
- Sound, Electro-photographically recording. E. H. Hansen. 2,105,769; Jan. 18.
- Soundhead. F. J. Loomis and E. W. Reynolds. 2,109,451; Mar. 1.
- Sound insulation. G. R. Cunningham. 2,113,128; Apr. 5.
- Sound insulation. G. R. Cunningham. 2,124,463; July 19.
- Sound, Method and apparatus for recording. O. A. Ross. 2,124,473; July 19.



- Sound, Method and device for recording. P. C. Ricchiardi. 2,124,150; July 19.
- Sound-on-film, Method and apparatus for recording and reproducing. L. Dewan. 2,108,801; Feb. 22.
- Sound-on-film optical system. K. Ross. 2,120,263; June 14.
- Sound on film, Recording and reproducing. G. Sperti. 2,113,184; Apr. 5.
- Sound, Optically reproducing. A. A. Radtke. 2,114,939; Apr. 19.
- Sound, Photographically recording. J. Engel, J. Massolle, and H. Vogt. 2,140,003; Dec. 13.
- Sound producer. R. Roosen. 2,119,649; June 7.
- Sound producing attachment for roller skates. C. E. Karst. 2,125,504; Aug. 2.
- Sound producing device. G. I. Lewis. 2,120,028; June 7.
- Sound producing device. A. J. Muchow. 2,117,903; May 17.
- Sound producing device for footwear. S. Capezio. 2,105,642; Jan. 18.
- Sound producing device or rattle. M. H. Larrabee. 2,137,651; Nov. 22.
- Sound production. J. R. Balsley. 2,115,001; Apr. 26.
- Sound propagating device. A. Pfister. 2,135,840; Nov. 8.
- Sound record. D. von Mihály. 2,123,323; July 12.
- Sound record and its production. J. O. Kleber. 2,112,699; Mar. 29.
- Sound record and recording, Photographic. A. Poulsen, O. K. Kolb, A. S. Pratt, and D. W. Boston. 2,140,300; Dec. 13.
- Sound record process. A. J. Cawley. 2,137,267; Nov. 22.
- Sound recorder and reproducer. M. Bender. 2,107,050; Feb. 1.
- Sound recording. E. D. Cook. 2,125,890-1; Aug. 9.
- Sound recording. G. R. Groves. 2,113,834; Apr. 12.
- Sound, Recording. C. G. Ligh and A. G. Previn. 2,110,090; Mar. 1.
- Sound recording. B. F. Miller. 2,131,293; Sept. 27.
- Sound recording. B. F. Miller. 2,136,724; Nov. 15.
- Sound recording. W. A. Mueller. 2,125,390; Aug. 2.
- Sound recording. W. A. Mueller. 2,131,294; Sept. 27.
- Sound recording and reproducing apparatus. G. L. Dimmick. 2,113,400; Apr. 5.
- Sound recording and reproducing apparatus. C. M. Sinnett and E. C. Guedon. 2,105,167; Jan. 11.
- Sound recording and reproducing device. A. Rysick. 2,130,158; Sept. 13.
- Sound recording and reproducing mechanism. B. A. Proctor. 2,133,333; Oct. 18.
- Sound recording and reproducing system. A. C. Keller and I. S. Rafuse. 2,114,471; Apr. 19.
- Sound recording and reproducing system. S. W. Seeley. 2,139,916; Dec. 13.
- Sound recording and reproducing system. C. J. Young. 2,113,226; Apr. 5.
- Sound recording and reproduction. B. F. Miller. 2,136,723; Nov. 15.
- Sound, Recording and reproduction of. A. V. Bedford. 2,122,193; June 28.
- Sound, Recording and reproduction of. E. W. Kellogg. 2,122,207; June 28.
- Sound recording and sound reproducing and locating apparatus. F. M. Doolittle. 2,126,370; Aug. 9.
- Sound recording apparatus, Mechanical. J. J. Hardenberg. 2,118,347; May 24.
- Sound recording device. K. Schwartz. 2,104,170; Jan. 4.
- Sound recording mechanism. E. R. Harris. 2,110,223; Mar. 8.
- Sound recording, Method and apparatus for. N. H. Brock. 2,116,747; May 10.
- Sound, Recording of. G. L. Dimmick. 2,109,452; Mar. 1.
- Sound, Recording of. E. W. Kellogg. 2,139,235; Dec. 6.
- Sound recording system. W. G. H. Finch. 2,109,627; Mar. 1.
- Sound recording system. E. S. and B. D. Gille. 2,108,815; Feb. 22.
- Sound recording system. H. J. Round, F. P. Swann, and F. A. Round. 2,117,214; May 10.
- Sound reducing apparatus. R. S. Morse. 2,129,227; Sept. 6.
- Sound reproducer. W. Y. Cannon. 2,128,398; Aug. 30.
- Sound reproducer, Pneumatic. W. C. Eaves. 2,141,208; Dec. 27.
- Sound reproducing and recording apparatus. S. Wittander. 2,141,584; Dec. 27.
- Sound reproducing and recording mechanism for the films of motion picture projectors. A. A. Shoup. 2,107,743; Feb. 8.
- Sound reproducing apparatus. B. R. Carson and A. G. Zimmerman. 2,106,718; Feb. 1.
- Sound reproducing apparatus. G. L. Dimmick. 2,109,453; Mar. 1.
- Sound reproducing apparatus. V. C. Macnabb. 2,113,623; Apr. 12.
- Sound reproducing apparatus. R. S. Morse and W. K. Greenwood. 2,113,332; Apr. 5.
- Sound reproducing apparatus. A. Pollakoff. 2,131,660; Sept. 27.
- Sound reproducing apparatus. R. M. Tolerton. 2,112,473; Mar. 29.
- Sound reproducing apparatus, System for. R. H. Dreisbach. 2,110,358; Mar. 8.
- Sound reproducing device of the pneumatic relay type. O. K. Kolb and W. J. Rickets. 2,140,293; Dec. 13.
- Sound reproducing mechanism. J. Puma. 2,124,673; July 26.
- Sound reproducing system. R. T. Friebus. 2,114,019; Apr. 12.
- Sound reproducing system. H. C. Harrison. 2,105,916; Jan. 18.
- Sound reproducing system. C. E. Pollard. 2,115,148; Apr. 26.
- Sound reproducing system. S. G. Sears. 2,140,032; Dec. 13.
- Sound reproducing system. W. B. Snow. 2,137,032; Nov. 15.
- Sound reproducing system. W. B. Snow and J. C. Steinberg. 2,126,929; Aug. 16.
- Sound reproducing system, Coin controlled. S. F. Adrian. 2,122,550; July 5.
- Sound reproduction. J. R. Balsley. 2,136,357; Nov. 15.
- Sound reproduction. J. R. Balsley. 2,136,873; Nov. 15.
- Sound signal. R. M. Critchfield. 2,141,641; Dec. 27.
- Sound, System for the reception and reproduction of. L. F. Savage and C. J. Francis. 2,122,010; June 23.
- Sound, System for the reproduction of. A. N. Goldsmith. 2,114,680; Apr. 19.
- Sound translating apparatus. S. Ballantine. 2,121,778-9; June 28.
- Sound translating device. S. Ballantine. 2,121,781; June 28.
- Sound translating device. H. R. Warnke. 2,123,640; July 12.
- Sound translating system. S. Ballantine. 2,121,780; June 28.
- Sound translation apparatus. S. Ballantine. 2,122,191; June 28.
- Sound transmission and reproduction, Method and apparatus for. J. Kalsey. 2,134,047; Oct. 25.
- Sound transmitter, Electrical. H. C. Tittle. 2,130,206; Sept. 13.
- Sound transmitting and distributing apparatus, Electrical. W. H. Huth. 2,107,416; Feb. 8.
- Sound transmitting apparatus. G. Wurdel. 2,121,941; June 28.
- Sound waves, Method of and apparatus for photographically recording. J. Underhill. 2,104,716; Jan. 4.
- Sounding apparatus. H. L. Bredouw. 2,134,025; Oct. 25.
- Sounds electrically, Producing musical. G. Smiley. Re. 20,825; Aug. 9.
- Sounds, System for the artificial production of vocal or other. H. W. Dudley. 2,121,142; June 21.
- Souvenir pocketpiece, Producing. C. A. Bickel. 2,130,058; Sept. 13.
- Spacebands, Polishing. A. A. Rock. 2,131,639; Sept. 27.
- Space-current device. N. C. Percy. 2,106,855; Feb. 1.
- Space discharge amplifier circuit. L. C. Peterson. 2,126,917; Aug. 16.
- Space discharge device. L. L. de Kramolin. 2,129,730; Sept. 13.
- Space discharge tube circuit. F. B. Llewellyn. 2,118,931; May 31.
- Space heater. J. Upton. 2,113,607; Apr. 12.
- Spacer for automobile hood and its seat. W. B. Bauer. 2,128,577; Aug. 30.
- Spacer for hair curlers. M. W. Pitner. 2,136,196; Nov. 8.
- Spacer for valve mechanism, Flexible. G. M. Fitts. 2,130,001; Sept. 13.
- Spacing member. G. A. Seeley. 2,128,434; Aug. 30.
- Spade for a gun trail. O. L. Beardsley. 2,104,015; Jan. 4.
- Spade-handle massaging device. D. Clarke. 2,127,674; Aug. 23.
- Spangle, Decorative. H. A. Levey. 2,137,170; Nov. 15.
- Spark plug. T. Dukelow. 2,136,206; Nov. 8.
- Spark arrester. H. Giese. 2,133,506; Oct. 18.
- Spark control mechanism. J. S. Jennings, Jr. 2,128,363; Aug. 30.
- Spark controlling mechanism. J. R. Rippe. 2,113,903; Apr. 12.
- Spark plug. C. R. Benton. 2,139,793; Dec. 13.
- Spark plug. E. E. Bidwell. 2,122,242; June 28.
- Spark plug. C. R. Boyd. 2,106,449; Jan. 25.
- Spark plug. K. C. De Walt. 2,105,411; Jan. 11.
- Spark plug. A. M. Fairchild. 2,128,457; Aug. 30.
- Spark plug. P. Figard. 2,120,890; June 14.
- Spark plug. M. J. Finnegan and H. Baer. 2,136,497; Nov. 15.
- Spark plug. F. A. Gorny and A. J. Paters. 2,129,576; Sept. 6.
- Spark plug. J. Grant. 2,129,003; Sept. 6.
- Spark plug. B. Guillon and J. Perrault. 2,108,332; Feb. 15.
- Spark plug. W. Harper, Jr. 2,127,512-3; Aug. 23.
- Spark plug. A. C. Hastings, Jr. 2,122,571; July 5.
- Spark plug. E. F. Koehler and G. W. Goerner. 2,118,251; May 24.
- Spark plug. S. A. Kostyk and F. H. Schofield. 2,111,188; Mar. 16.
- Spark plug. L. H. Middleton. 2,111,016; Mar. 22.
- Spark plug. E. B. Nowoselski. 2,110,652; Mar. 8.
- Spark plug. G. M. Paulson. 2,135,240; Nov. 1.
- Spark plug. H. Rubezzana. 2,129,962; Sept. 13.
- Spark plug. H. Rubezzana. 2,135,624; Nov. 8.
- Spark plug. A. St. John. 2,122,015; June 28.



- Spark plug. G. R. Smith. 2,138,558; Nov. 29.  
 Spark plug. M. Sousa. 2,121,178; June 21.  
 Spark plug. H. A. Vila. 2,135,297; Nov. 1.  
 Spark plug, insulating material therefor, and making the same. O. C. Rohde. 2,136,467; Nov. 15.  
 Spark plug, Radio shielded. H. Rabezzana. 2,129,961; Sept. 13.  
 Spark plug testing device. C. Ferrel and J. G. Colling. 2,119,634; June 7.  
 Spark plugs, Apparatus for assembling. A. M. Brown. 2,106,451; Jan. 25.  
 Sparking plug. C. M. Carington and A. E. Postlethwaite. 2,108,525; Feb. 15.  
 Sparking plug. W. Dorn. 2,115,666; Apr. 26.  
 Sparking plug. L. Graf. 2,120,492; June 14.  
 Sparking plug. A. Possenti. 2,113,516; Apr. 5.  
 Sparking plug. G. Ruthardt. 2,117,216; May 10.  
 Sparking plug. W. J. Vincent. 2,130,208; Sept. 13.  
 Spatula. S. C. Winger. 2,134,807; Nov. 1.  
 Spatula for dental work, Wax modeling. J. Ellis. 2,119,908; June 7.  
 Spatula with interchangeable dental attachments, Electrothermic fountain. W. and R. W. Slutzky. 2,111,645; Mar. 22.  
 Speaker. W. J. Paredes. 2,137,780; Nov. 22.  
 Speaker, Magnetic. W. J. Paredes. 2,141,820; Dec. 27.  
 Speaking device for jails, Visitors. G. E. Oliver. 2,113,800; Apr. 12.  
 Spear. G. A. Humason. 2,121,634; June 21.  
 Spear, Casing. F. P. Jones. 2,141,987; Dec. 27.  
 Spear, Fish. R. L. Shores. 2,135,414; Nov. 1.  
 Spear or arrow shaped box. W. L. Krumm. 2,124,142; July 19.  
 Spear, Releasing. O. A. Brown. 2,106,235; Jan. 25.  
 Spear, Shock dissipating. J. W. Culbertson. 2,126,741; Aug. 16.  
 Special receptacle. R. M. Koch. 2,115,308; Apr. 26.  
 Specific gravity, Apparatus for determining. J. J. Jennings. 2,137,843; Nov. 22.  
 Specific gravity measuring device. H. H. Decker. 2,115,520; Apr. 26.  
 Spectacle and eyeglass frame or mounting. A. E. Euler. 2,136,679; Nov. 15.  
 Spectacle bridge, Bifocal. F. Whitney. 2,104,063; Jan. 4.  
 Spectacle case. A. F. Reilly. 2,122,724; July 5.  
 Spectacle frame. M. H. Harris. 2,108,667; Feb. 15.  
 Spectacle frame joint. R. E. Polden and W. C. Hawkins. 2,121,572; June 21.  
 Spectacle temple mounting. F. W. Lindblom. 2,117,436; May 17.  
 Spectacles. F. M. Ashley. 2,129,458; Sept. 6.  
 Spectacles. G. P. Bodes. 2,110,459; Mar. 8.  
 Spectacles. E. F. McMahon. 2,108,074; Feb. 15.  
 Spectacles and the like. J. B. Oliver. 2,109,949; Mar. 1.  
 Spectrophotometer. O. W. Pineo. 2,107,836; Feb. 8.  
 Spectrophotometer. O. W. Pineo. 2,126,410; Aug. 9.  
 Speech into visible indicia, Converting. W. W. J. Fuller. 2,137,888; Nov. 22.  
 Speed adjusting device for multiple drive conveyer system, Automatic. L. J. Bishop. 2,128,795; Aug. 30.  
 Speed and cut-off indicator for locomotives. W. B. Wait. 2,110,456; Mar. 8.  
 Speed and distance by radiant energy, Measuring. R. Gunn. 2,134,716; Nov. 1.  
 Speed and vacuum controlling device, Automatic. A. O. Tadewald. 2,122,331; June 28.  
 Speed change device. J. D. Christian. 2,108,367-8; Feb. 15.  
 Speed change device. J. D. Christian. 2,116,166; May 3.  
 Speed-change mechanism. K. F. Gallimore. 2,106,731; Feb. 1.  
 Speed change mechanism. F. M. Klema. 2,129,138-9; Sept. 6.  
 Speed changer, Magnetic. J. T. Beechlyn. 2,131,035; Sept. 27.  
 Speed changing device for phonograph turntables. E. E. Collison and E. Nyman. 2,106,722; Feb. 1.  
 Speed changing gear. J. Cotal. 2,123,769; July 12.  
 Speed changing mechanism. T. R. Goldsborough. 2,106,733; Feb. 1.  
 Speed changing mechanism. J. E. Torbert, Jr. 2,132,088; Oct. 4.  
 Speed comparator. F. F. Hillix. 2,109,482; Mar. 1.  
 Speed comparing device. R. B. Lewis. 2,125,117; July 26.  
 Speed control. R. J. Kalbreier. 2,117,963; May 17.  
 Speed control. R. J. Kalbreier. 2,118,730; May 24.  
 Speed control, Adjustable. A. M. Rossman. 2,137,989; Nov. 22.  
 Speed control and braking system. M. H. Loughridge. 2,119,550; June 7.  
 Speed control device. T. A. Byers. 2,106,493; Jan. 25.  
 Speed control device. C. G. G. and S. H. Caldwell and W. E. Dunston. 2,111,234; Mar. 15.  
 Speed control device, Adjustable. S. F. Baker. 2,130,578; Sept. 20.  
 Speed control for phonographs. A. V. Bedford. 2,124,281; July 19.  
 Speed control for vehicles, Automatic. G. F. Wolfe and J. I. Spencer. 2,127,454; Aug. 10.  
 Speed control for welding machines. A. F. Brunkow. 2,139,931; Dec. 13.  
 Speed control mechanism. W. R. Perry. 2,108,410; Feb. 15.  
 Speed control, Revolving door. T. M. Hagenbook. 2,123,531; Aug. 30.  
 Speed control system. E. Gerlach. 2,105,529; Jan. 18.  
 Speed control system. W. C. Scott. 2,119,247; May 31.  
 Speed control system for vehicles. D. L. Winters. 2,110,350; Mar. 8.  
 Speed controlled brake. R. E. Miller. 2,140,625; Dec. 20.  
 Speed controlled brake. E. E. Newitt. 2,140,624; Dec. 20.  
 Speed controller for automotive vehicles. J. C. Abele. 2,124,683; July 26.  
 Speed controller, Motor. E. Nielsen. 2,109,732; Mar. 1.  
 Speed controlling mechanism for vehicles. W. Arkley. 2,113,974; Apr. 12.  
 Speed determination. N. R. Kondolf. 2,114,024; Apr. 12.  
 Speed device, Thermostatically controlled variable. D. H. McGogy. 2,129,066; Sept. 6.  
 Speed device, Variable. D. E. and E. F. Lewellen. 2,117,483; May 17.  
 Speed device, Variable. D. E. and E. F. Lewellen. 2,117,485; May 17.  
 Speed driving apparatus, Uniform. B. J. Palmer and O. A. Schienbeck. 2,131,234; Sept. 27.  
 Speed driving mechanism, Change. A. F. Kaptuller. 2,107,417; Feb. 8.  
 Speed governing apparatus for injection internal combustion engines. A. Schweizer. 2,132,446; Oct. 11.  
 Speed governing mechanism. S. N. Hedman. 2,124,418; July 19.  
 Speed indicating device for vehicles. D. E. Marshall. 2,117,440; May 17.  
 Speed indicator. C. Oyen. 2,111,403; Mar. 15.  
 Speed indicator apparatus for motor vehicles. S. H. Caldwell. 2,130,296; Sept. 13.  
 Speed mechanism, Variable. G. Fleischel. 2,136,971; Nov. 15.  
 Speed mechanism, Variable. H. E. Twomley. 2,108,356; Feb. 15.  
 Speed mechanism, Variable. H. E. Twomley. 2,139,048; Dec. 6.  
 Speed ratio indicator. O. G. Wellton. 2,132,911; Oct. 11.  
 Speed-recording mechanism. M. Niemi. 2,133,632; Oct. 18.  
 Speed reducer. W. P. Schmitter. 2,126,691; Aug. 9.  
 Speed regulating system. D. A. Young. 2,137,071; Nov. 15.  
 Speed regulation. R. D. Given. 2,111,423; Mar. 15.  
 Speed regulation. F. W. Merrill. 2,112,741; Mar. 29.  
 Speed regulation, System of. E. D. McKinney. 2,108,970; Feb. 22.  
 Speed regulator. G. E. Howard. 2,130,088; Sept. 13.  
 Speed regulator. G. E. Howard. 2,138,100; Nov. 29.  
 Speed regulator for vehicles, Steering gear control. D. J. Alvarado, Jr. 2,139,569; Dec. 6.  
 Speed regulator, Selected. O. J. Gilman. 2,129,575; Sept. 6.  
 Speed responsive apparatus. H. L. Bone. 2,130,452-3; Sept. 20.  
 Speed responsive device. H. L. Bone. 2,113,645; Apr. 12.  
 Speed responsive means. G. S. Lunge. 2,140,390; Dec. 13.  
 Speed stabilizing device for aircraft, Automatic. E. Fischel. 2,110,622; Mar. 8.  
 Speed synchronizing device. D. E. and E. F. Lewellen. 2,117,484; May 17.  
 Speed transmission. Automatic variable. W. Hartz. 2,139,892; Dec. 13.  
 Speed transmission mechanism, Variable. A. B. Bear. 2,120,953; June 14.  
 Speed transmission system, Change. J. C. Cox and G. H. Thomas. 2,104,608; Jan. 4.  
 Speed transmission, Variable. A. G. Bade. 2,114,245; Apr. 12.  
 Speed transmission, Variable. W. C. Braden. 2,135,274; Nov. 1.  
 Speed transmission, Variable. R. W. Brown. 2,130,314; Sept. 13.  
 Speed transmission, Variable. L. A. Graham. 2,109,695; Mar. 1.  
 Speed transmission, Variable. J. H. Hollestelle. 2,136,437; Nov. 15.  
 Speed transmission, Variable. S. Kalko. 2,109,174; Feb. 22.  
 Speed transmission, Variable. D. E. and E. F. Lewellen. 2,117,486; May 17.  
 Speed unit, Multiple-belt variable. P. B. Reeves. 2,111,077; Mar. 15.  
 Speed unit, Variable. C. E. Johnson and E. Mendenhall. 2,127,031; Aug. 16.  
 Speed warning signal. R. E. Brewer. 2,112,880; Apr. 5.  
 Speedometer. E. S. Pearce and E. C. Karibo. 2,105,158; Jan. 11.  
 Speedometer drive for bicycles. E. H. Schulze. 2,120,578; June 14.  
 Speedometer, Illuminated. H. C. Stuerzl. 2,124,089; July 19.  
 Speedometer, Magnetic. A. W. Le Fevre and T. Paul. 2,114,191; Apr. 12.  
 Speedometer, Magnetic. T. Paul. 2,141,445; Dec. 27.  
 Spelling board. A. Funk. 2,129,834; Sept. 13.  
 Spelling game. O. L. Koch, J. D. Cromley, and D. Elder. 2,128,749; Aug. 30.  
 Spice rack. C. P. Berry. 2,122,336; June 28.



- Spider. R. D. Fisher. 2,135,070; Nov. 1.  
 Spigot, Refrigerated. T. G. McClanahan. 2,120,460; June 14.  
 Spike puller. P. G. and J. D. Nichols. 2,122,212; June 28.  
 Spike, Railroad. J. Hojnowski. 2,114,879; Apr. 19.  
 Spike, Railway. J. Hojnowski. 2,137,688; Nov. 22.  
 Spillway, Constant flow. J. S. Thompson. 2,130,936; Sept. 20.  
 Spin recovery device. C. G. Halpine. 2,121,795; June 28.  
 Spinal adjustment apparatus. L. A. Politis. 2,109,577; Mar. 1.  
 Spindle. F. E. Banfield, Jr. 2,137,232; Nov. 22.  
 Spindle. R. Leclerc. 2,125,168; July 26.  
 Spindle. C. W. Moore. 2,110,451; Mar. 8.  
 Spindle, Angle grinding. A. W. Mall. 2,110,491; May 3.  
 Spindle attachment for a spinning frame. J. P. McHugh. 2,114,035; Apr. 12.  
 Spindle attachment for a spinning frame, Swing. J. P. McHugh. 2,114,094; Apr. 12.  
 Spindle bearing, Self-adjusting. S. W. Bath and H. M. Allison. 2,127,854; Aug. 23.  
 Spindle cutter. A. C. Schmitt. 2,119,929; June 7.  
 Spindle, Double twist twisting. O. Bochmann. 2,110,320; Mar. 8.  
 Spindle driving transmission. C. E. Linden and R. H. McClellan. 2,105,288; Jan. 11.  
 Spindle for automatic lathes. C. E. Miller. 2,137,850; Nov. 22.  
 Spindle for film magazines, Spool. R. C. Stevens. 2,116,735; May 10.  
 Spindle head. C. A. Koza. 2,130,094; Sept. 13.  
 Spindle head. J. Verderber and E. F. Batterman. 2,113,751; Apr. 12.  
 Spindle head. J. Verderber and E. F. Batterman. 2,114,039; Apr. 12.  
 Spindle, High speed. L. J. Jordan and C. C. Walters. 2,135,519; Nov. 8.  
 Spindle milling machine, Vertical. N. M. Marsilius. 2,118,259; May 24.  
 Spindle, Motion picture camera supply reel. R. W. Wengel. 2,139,784; Dec. 13.  
 Spindle mounting. D. H. Montgomery. 2,111,869; Mar. 22.  
 Spindle mounting for shuttles. R. G. Turner. 2,139,427; Dec. 6.  
 Spindle, Mule. C. E. Williams and A. F. Anderson. 2,117,387; May 17.  
 Spindle oiling device. K. W. Meklenburg. 2,132,745; Oct. 11.  
 Spindle, Reel mount. A. S. Howell. 2,128,776; Aug. 30.  
 Spindle resetting mechanism, Automatic. M. Richter and J. Bareiss. 2,109,140; Feb. 22.  
 Spindle, Terrazzo grinding angle. A. W. Mall. 2,106,035; Jan. 18.  
 Spinel, Synthetic. E. Lederle and R. Brill. 2,122,180; June 28.  
 Spinner. K. R. Larson and M. Ireland. 2,123,150; July 5.  
 Spinner-cowling. G. F. Myers. 2,133,253; Oct. 11.  
 Spinner motor. A. G. Wise, C. W. Mapes, W. A. Chryast, and H. O. Fuchs. 2,138,531; Nov. 29.  
 Spinneret. R. V. Williams and E. R. McKee. 2,135,611; Nov. 8.  
 Spinneret and producing the same. G. M. Allen and G. C. Barton. 2,139,568; Dec. 6.  
 Spinneret polishing machine. G. Spaanbroek. 2,115,404; Apr. 26.  
 Spinnerets, Reconditioning. G. Spaanbroek. 2,115,402; Apr. 26.  
 Spinnerets, Repairing. H. P. Verschragen. 2,115,403; Apr. 26.  
 Spinning and like textile frame. O. Lambert. 2,131,896; Oct. 4.  
 Spinning and like textile frame. O. Lambert. 2,133,866; Oct. 18.  
 Spinning and twisting. P. R. Roadley. 2,141,724; Dec. 27.  
 Spinning cradle, Long draft. J. L. Truslow and R. J. McConnell. 2,107,433; Feb. 8.  
 Spinning machine. C. Stansfield. 2,132,055; Oct. 4.  
 Spinning machine, High speed. E. Negishi. 2,117,675; May 17.  
 Spinning machine, Turbine blade tenon. J. G. Morgan and J. C. Bohan. 2,135,040; Nov. 1.  
 Spinning machines for artificial silk, Device for laying the threads over rotating stretching devices in spool. H. Marzari. 2,141,544; Dec. 27.  
 Spinning ring and traveler therefor. C. Millinger. 2,132,260-1; Oct. 4.  
 Spinning solution. R. S. Bley. 2,132,929; Oct. 11.  
 Spinning solutions and the production of elastic yarns therefrom. R. and J. Pickles. 2,118,897; May 31.  
 Spinning unit. F. Kent. 2,127,921; Aug. 23.  
 Spinning unit. F. Klein. 2,115,268; Apr. 26.  
 Spinning wheel. W. M. Miller. 2,123,285; July 12.  
 Spiral covering machine. C. T. Pastor. 2,129,956; Sept. 13.  
 Spiral curl heater. W. A. V. Thomsen, C. G. Gross, and W. S. Luci. 2,108,240; Feb. 15.  
 Spirits, Accelerated maturing of distilled. K. R. Brown. 2,114,331; Apr. 19.  
 Split, Roasting. G. C. Bonaguidi. 2,130,259; Sept. 13.  
 Splice for high voltage cables, Duct. H. Halperin. 2,108,889; Feb. 22.  
 Splice for steel bearing piles. G. G. Greulich. 2,141,107; Dec. 20.  
 Splicing device. E. G. Olsson. 2,112,176; Mar. 22.  
 Splicing machine. J. W. Channell. 2,110,287; Mar. 8.  
 Splicing unit. J. Upton. 2,130,047; Sept. 13.  
 Spine and connector. G. Slayter and H. W. Collins. 2,140,772; Dec. 20.  
 Spine panel joint. E. A. Horn. 2,129,497; Sept. 6.  
 Splined clutch, Oil cushion. R. E. Wissman. 2,140,216; Dec. 13.  
 Splint, Fracture-reducing. R. Anderson. 2,129,635; Sept. 13.  
 Splint stretcher board. C. A. Warden. 2,141,100; Dec. 20.  
 Splint, Surgical. J. A. Goodhart. 2,119,325; May 31.  
 Splint, Surgical. J. Malik. 2,138,975; Dec. 6.  
 Splint, Surgical leg. E. E. Longfellow. 2,106,151; Jan. 18.  
 Split cathode multiplier tube. P. T. Farnsworth. 2,141,838; Dec. 27.  
 Split phase motor. W. J. Morrill and K. A. Killam. 2,124,427; July 19.  
 Splitting machine. L. J. Bazzoni. 2,107,281; Feb. 8.  
 Splitting machine. L. J. Bazzoni. 2,137,326; Nov. 22.  
 Splitting machine. E. L. Butler. 2,138,022; Nov. 29.  
 Splitting machine. T. H. Seely. 2,118,825; May 31.  
 Sponge articles, Manufacture of. P. Saffert. 2,138,712; Nov. 29.  
 Sponge, Bath. W. J. Gould. 2,124,061; July 19.  
 Sponge, Composite. H. Z. Gray. 2,121,384; June 21.  
 Sponges, Manufacture of artificial. J. Speijer. 2,105,380; Jan. 11.  
 Spool. R. Atwood. 2,140,729; Dec. 20.  
 Spool. H. C. Howsam. 2,121,234; June 21.  
 Spool. H. C. Howsam. 2,126,993; Aug. 18.  
 Spool. A. Moretti. 2,139,557; Dec. 6.  
 Spool. D. A. Spriggs. 2,126,053; Aug. 9.  
 Spool. D. A. Spriggs. 2,138,074; Nov. 29.  
 Spool and container, Film. R. H. Draeger. 2,106,726; Feb. 1.  
 Spool carrier. R. Hirschfeld. 2,137,087; Nov. 15.  
 Spool cover. A. G. Hopkins. 2,134,128; Oct. 25.  
 Spool, Film development. E. Pless. 2,112,606; Mar. 29.  
 Spool for adhesive tape or the like, Dispensing. L. M. Mobley. 2,138,979; Dec. 6.  
 Spool for ribbons and other narrow fabrics. B. J. Goldsmith. 2,112,209; Mar. 22.  
 Spool for photographic cameras, Film. H. Nerwin. 2,137,502; Nov. 22.  
 Spool holder. F. D. Chura. 2,110,588; Mar. 8.  
 Spool packing installation. W. I. Jones. 2,123,849; July 12.  
 Spool, Photographic roll film. P. Schwarz. 2,110,028; Mar. 1.  
 Spool, Twister. H. D. Clinton. 2,130,265; Sept. 13.  
 Spooling machine. O. I. Judelson. 2,135,668; Nov. 8.  
 Spools, Winding of twine. H. and E. H. Kinnear, Jr. 2,115,636; Apr. 26.  
 Spoon, Trolling. A. Reekers. 2,132,760; Oct. 11.  
 Spoon with whistle in handle, Child's. A. Zadek. 2,126,858; Aug. 16.  
 Sportswear. S. Alexander. 2,112,874; Apr. 5.  
 Spot crowns, Making center. J. B. Eisen. 2,129,349; Sept. 6.  
 Spot lamp. H. W. Sisson. 2,135,263; Nov. 1.  
 Spotlight, Changeable color. R. E. Snyder. 2,104,911; Jan. 11.  
 Spot weld recorder. C. E. Heltman, Jr. 2,138,790; Nov. 29.  
 Spotting board. R. F. Haggerty. 2,141,183; Dec. 27.  
 Spout and bottle cap, Sanitary drinking. R. E. Simons. 2,139,627; Dec. 6.  
 Spout and closure, Pouring. C. McQuinn. 2,126,651; Aug. 9.  
 Spout and metering unit, Can. J. R. Kent. 2,124,980; July 26.  
 Spout, Collapsible pouring. P. W. Gauss. 2,124,385; July 19.  
 Spout, Detachable pouring. R. N. Dickey. 2,117,408; May 17.  
 Spout, Double pouring. H. G. Kuck and T. J. Abele. 2,110,769; Mar. 8.  
 Spout for cans, Pouring. F. E. Rice. 2,129,784; Sept. 13.  
 Spout for cans, Pouring. H. Sebell. 2,130,861; Sept. 20.  
 Spout for receptacles, Measuring. W. H. Baum. 2,122,906; July 5.  
 Spout for sealed cans, Detachable. H. Ward and R. E. Strom. 2,110,250; Mar. 8.  
 Spout for sealed metal containers. J. B. Peddicord. 2,125,805; Aug. 2.  
 Spout, Pouring. I. L. Arb. 2,124,241; July 19.  
 Spout, Pouring. A. S. Rough. 2,106,381; Jan. 25.  
 Spout, Punch. R. J. Spelkegel. 2,118,366; May 24.  
 Spout section. O. J. Hattberg. 2,138,948; Dec. 6.  
 Spout support for railway water columns. J. T. McGarry. 2,134,412; Oct. 25.  
 Spring clutch. C. F. Rauen. 2,123,202; July 12.  
 Spray booth construction. C. W. Ulrich. 2,137,038; Nov. 15.  
 Spray coating apparatus. W. E. Naugler. 2,106,187; Jan. 25.  
 Spray device. N. P. Green. 2,123,697; July 12.



- Spray device and nozzle therefor. W. B. Kerrick. 2,130,628; Sept. 20.
- Spray device for household and laundry purposes. H. P. Jenks. 2,116,833; May 10.
- Spray drying apparatus. R. T. Northcutt and A. L. Johnston, Jr. 2,110,167; Mar. 8.
- Spray eliminator. S. C. Coey. 2,136,003; Nov. 8.
- Spray, Fly. E. W. Bousquet and P. L. Salzberg. 2,112,688; Mar. 29.
- Spray head. A. C. Arbogast. 2,125,863; Aug. 9.
- Spray head. A. C. Arbogast. 2,125,978; Aug. 9.
- Spray head. E. N. Bonner. 2,127,715; Aug. 23.
- Spray head. O. W. Holden. 2,136,050; Nov. 8.
- Spray head. E. G. Munz. 2,130,810; Sept. 20.
- Spray, Household. G. H. Coleman and J. W. Zemba. 2,133,972; Oct. 25.
- Spray, Insecticidal oil. E. W. Adams. 2,115,380; Apr. 26.
- Spray, Orchard. T. L. Cairns. 2,125,602; Aug. 2.
- Spray, Process and apparatus for heat generation of. F. W. Ofeldt. 2,128,263; Aug. 30.
- Spray pump. R. Bernhardt. 2,123,351; July 12.
- Spray pump. A. R. Thompson and R. M. Magnuson. 2,136,599; Nov. 15.
- Spray reaction. H. A. Winkelmann, E. W. Moffett, and W. C. Calvert. 2,110,375; Mar. 8.
- Spray residue, Removal of. H. C. McLean and A. L. Weber. 2,105,606; Jan. 18.
- Spray treating apparatus. J. A. Paasche. 2,110,052; Mar. 1.
- Spray, Vegetable cooling. J. V. C. T. Christensen, Jr. 2,132,720; Oct. 11.
- Sprayer. A. Goulard. 2,134,553; Oct. 25.
- Sprayer. J. W. Patterson. 2,127,006; Aug. 16.
- Sprayer employed in watering areas of land. W. Kind, G. Schenk, and H. R. Busch. Re. 20,826; Aug. 16.
- Sprayer, Liquid. F. W. Lohse. 2,119,884; June 7.
- Sprayer, Liquid. J. W. Patterson. 2,109,548; Mar. 1.
- Sprayer, Vegetable. T. L. Kelley. 2,123,425; July 12.
- Sprayer, Windshield. C. E. Stow. 2,105,676; Jan. 18.
- Spraying apparatus. H. E. Brandt. 2,111,961; Mar. 22.
- Spraying apparatus. S. A. Hayes. 2,127,731; Aug. 23.
- Spraying apparatus. H. J. Newlin. 2,121,924; June 28.
- Spraying attachment for tractors. C. A. Gallupe. 2,109,384; Feb. 22.
- Spraying device. J. H. Brennan. 2,106,627; Jan. 25.
- Spraying device. W. Clayton. 2,130,629; Sept. 20.
- Spraying device. F. O. Clizbe and V. Kelly. 2,105,903; Jan. 18.
- Spraying device. E. F. Delfoe. 2,125,428; Aug. 2.
- Spraying device. W. M. Vogel. 2,123,029; July 5.
- Spraying device. W. M. Vogel. 2,134,899; Nov. 1.
- Spraying device. G. E. West. 2,114,661; Apr. 19.
- Spraying device and refill for same. W. A. Roehm. 2,104,763; Jan. 11.
- Spraying device for evacuation. P. Parisini. 2,104,271; Jan. 4.
- Spraying extensive areas, Apparatus for. G. S. Rippey. 2,110,112; Mar. 1.
- Spraying machine. A. E. Squyars. 2,111,439; Mar. 15.
- Spreader for sprays. J. F. Littooy. 2,114,307; Apr. 19.
- Spring: See—
- |                          |                          |
|--------------------------|--------------------------|
| Contact spring.          | Rubber spring.           |
| Door spring.             | Screen door spring.      |
| Friction bolster spring. | Seat spring.             |
| Laminated spring.        | Upholsterer's spring.    |
| Leaf spring.             | Vehicle spring.          |
| Multiple leaf spring.    | Vehicular spring.        |
| Piano-action spring.     | Vibrating screen spring. |
| Rubber and metal spring. |                          |
- Spring. E. F. Engstrom. 2,114,918; Apr. 19.
- Spring. C. F. Hirschfield. 2,127,219; Aug. 16.
- Spring action friction block structure. A. E. Westburgh. 2,131,414; Sept. 27.
- Spring and mattress, Combination sectional box. J. Drexler and A. Bencsik. 2,119,706; June 7.
- Spring and spring structure for cushioned seats and backs, Wire. M. Freund. 2,124,655; July 26.
- Spring and steering mechanism, Combined. A. C. Viguerie, Jr. 2,123,388; July 12.
- Spring and transverse equalizing beam arrangement for trucks, Auxiliary. H. O. Letzerich. 2,112,851; Apr. 5.
- Spring assembling mechanism. E. M. Gardner. 2,111,363; Mar. 15.
- Spring assembly. W. W. Gleason. 2,124,695; July 26.
- Spring assembly. H. Kraekemier. 2,134,720; Nov. 1.
- Spring assembly. H. H. Lanning. 2,106,219; Jan. 25.
- Spring assembly. D. I. Levine. 2,116,796; May 10.
- Spring assembly. J. E. Purweet. 2,120,528; June 14.
- Spring assembly. L. J. Zerbe. 2,126,439; Aug. 9.
- Spring assembly for cushions and mattresses. H. F. Hager. 2,110,065; Mar. 1.
- Spring assembly for mattresses and upholstery. L. S. Wallis. 2,128,566; Aug. 30.
- Spring assembly for seatings and the like. S. W. Millward. 2,122,531; July 5.
- Spring assembly for upholstery. W. W. Gleason. 2,122,970; July 5.
- Spring assembly for upholstery. W. W. Gleason. 2,134,363; Oct. 25.
- Spring assembly for upholstery. F. A. Nachman, Jr. 2,134,371; Oct. 25.
- Spring assembly means. G. F. Miller and R. W. Nilsson. 2,116,907; May 10.
- Spring assembly, Upholstery. W. W. Gleason. 2,105,115; Jan. 11.
- Spring band construction. W. Kastner. 2,115,022; Apr. 26.
- Spring bottom, Nonsagging upholstery. L. Goodman. 2,113,135; Apr. 5.
- Spring clip. W. F. Eisenhauer. 2,123,772; July 12.
- Spring clip, Securing. J. H. Van Uum. 2,133,366; Oct. 18.
- Spring coil handling apparatus. F. N. Schindler. 2,128,057; Aug. 23.
- Spring coiling machine. C. R. Bergevin and A. C. Nigro. 2,119,002; May 31.
- Spring construction. J. W. Leighton. 2,140,803; Dec. 20.
- Spring construction. N. H. F. Olsen. 2,141,220; Dec. 27.
- Spring construction, Upholstered. G. R. Beatty. 2,109,764; Mar. 1.
- Spring cover. W. R. Chesley. 2,118,879; May 31.
- Spring cushion unit and making. G. A. Stackhouse. 2,124,640; July 26.
- Spring device for drilling machines. A. Hossfeld. 2,123,048; July 5.
- Spring fastener. B. C. Place. 2,104,239; Jan. 4.
- Spring filling construction for mattresses and cushions. W. B. Foster. 2,120,093; June 7.
- Spring for cars. F. K. Clar. 2,129,118; Sept. 6.
- Spring for cushioned seats and backs, Wire. M. Freund. 2,123,888; July 19.
- Spring for cushioned seats of vehicles, Wire. M. Freund. 2,127,558; Aug. 23.
- Spring for cushioned seats of vehicles, Wire. M. Freund. 2,133,611; Oct. 18.
- Spring for scraper tail-gates, Pull-back. R. G. Le Tourneau. 2,119,335; May 31.
- Spring forming device. C. R. Bergevin. 2,134,469; Oct. 25.
- Spring heating machine. F. R. Zimmerman. 2,124,329; July 19.
- Spring knotting machine. F. R. Zimmerman. 2,141,588; Dec. 27.
- Spring latch. L. Ruegg. 2,132,806; Oct. 11.
- Spring lock. M. Kaplan and G. Rosenberg. 2,134,828; Nov. 1.
- Spring making apparatus. D. G. Morgan. 2,105,951; Jan. 18.
- Spring measuring apparatus, Helical ribbon. A. Hoyt. 2,131,739; Oct. 4.
- Spring-packing machine. W. E. Wunderlich. 2,114,008; Apr. 12.
- Spring rigging for locomotives and other vehicles. H. A. Hoke. 2,112,622-3; Mar. 29.
- Spring ring or circlet. E. B. Graham. 2,131,948; Oct. 4.
- Spring seat. M. Fitos. 2,132,291; Oct. 4.
- Spring shank for shoes. G. A. Reily and J. G. Novak. 2,121,261; June 21.
- Spring snubber, Tilted. E. G. Goodwin. 2,125,275; Aug. 2.
- Spring structure. E. W. Schlappritzel, E. Olsen, and E. S. Tallmadge. 2,115,400; Apr. 26.
- Spring structure. G. A. Stackhouse. 2,124,641; July 26.
- Spring structure, Flexible mattress. J. A. Douglas. 2,118,297; May 24.
- Spring structure for furniture and the like. S. S. Bernstein. 2,109,282; Feb. 22.
- Spring structure, Proportional resistance. C. F. McCoy. 2,137,298; Nov. 22.
- Spring suspension. J. L. Gonard. 2,136,294; Nov. 8.
- Spring suspension for automobiles. F. M. White. Re. 20,833; Aug. 16.
- Spring suspension, Individual wheel. V. O. Kromm, H. L. Kohl, and C. H. C. de Guere. 2,112,293; Mar. 29.
- Spring suspension system for cars. F. K. Clar and C. Geissen. 2,141,592; Dec. 27.
- Spring suspension, Vehicle. V. L. Cobb. 2,117,401; May 17.
- Spring suspension, Vehicle. D. H. Heuman. 2,116,026; May 3.
- Spring suspension, Vehicle. S. A. Romeo. 2,104,245; Jan. 4.
- Spring treatment, Leaf. T. H. Thompson. 2,107,455; Feb. 8.
- Spring unit. S. A. Walker. 2,133,408; Oct. 18.
- Spring unit, Bolster. D. F. Sproul. 2,121,835; June 23.
- Spring unit, Bolster. D. F. Sproul. 2,128,504; Aug. 30.
- Spring unit, Bolster supporting. D. F. Sproul. 2,128,505; Aug. 30.
- Spring unit for vehicles, Leaf. D. M. Davis. 2,127,351; Aug. 16.
- Spring washer. R. T. Woodings. 2,116,690; May 10.
- Spring wheel. D. E. Morpew. 2,140,431; Dec. 13.
- Spring winding machine. E. W. Halvorsen and A. C. Nigro. 2,120,146; June 7.
- Springing arrangement for the wheels of power driven vehicles. M. Balz. 2,126,084; Aug. 9.
- Springing means for vehicles. F. Porsche. 2,112,112; Mar. 22.
- Springing of vehicles. F. Nallinger. 2,126,130; Aug. 9.
- Springs, Apparatus for forming and treating sinuous. E. J. Podany. 2,123,798; July 12.
- Springs, Calibrating. E. H. Nieman. 2,113,550; Apr. 5.



- Springs, Lubricating. W. F. Eisenhauer. 2,139,738; Dec. 13.
- Springs, Manufacture of resilient. R. C. Pierce. 2,137,698; Nov. 22.
- Springless self-closing door. J. A. Janson. 2,116,832; May 10.
- Sprinkler. J. S. Donnellan. 2,122,055; June 28.
- Sprinkler. W. V. E. Thompson. 2,104,281; Jan. 4.
- Sprinkler. C. E. Turner. 2,122,596; July 5.
- Sprinkler. C. O. Wilson. 2,122,079; June 28.
- Sprinkler and deflector therefor, Automatic. H. C. Kendall. 2,135,138; Nov. 1.
- Sprinkler, Automatic. L. M. Lewis. 2,125,510; Aug. 2.
- Sprinkler, Automatic. L. M. Lewis. 2,129,012; Sept. 6.
- Sprinkler, Automatic fire extinguisher. H. D. Cooper. 2,110,659; Mar. 8.
- Sprinkler, Fertilizing. R. L. Day. 2,131,796; Oct. 4.
- Sprinkler head. J. N. Mowery. 2,120,620; June 14.
- Sprinkler head. H. K. Rader and J. E. Gray. 2,128,552; Aug. 30.
- Sprinkler, Lawn. S. D. Baker. 2,141,077; Dec. 20.
- Sprinkler, Lawn. M. Needler. 2,132,314; Oct. 4.
- Sprinkler, Lawn. H. B. Parker. 2,108,207; Feb. 15.
- Sprinkler, Rotating. K. L. Lanninger. 2,138,282; Nov. 29.
- Sprinkler, Variable speed rotary. W. A. Buckner. 2,119,312; May 31.
- Sprocket, Film. L. A. Elmer. 2,122,458; July 5.
- Sprocket for motion picture films. E. Ross. 2,118,016; May 17.
- Sprocket teeth, Grinding and polishing. E. Ross. 2,129,031; Sept. 6.
- Spun goods, fabrics, and other textiles, Manufacture of. R. Freudenberg and G. Lange. 2,105,036; Jan. 11.
- Spun goods, fabrics, and the like, Manufacture of. R. Freudenberg, H. Freudenberg, R. Runkel, and G. Lange. 2,105,035; Jan. 11.
- Square. K. Uyeda and I. Wooga. 2,122,732; July 5.
- Squash-racket court and the like. G. H. Colt. 2,107,141; Feb. 1.
- Squeegee. B. F. Brown. 2,116,877; May 10.
- Squeegee. E. Steccone. 2,123,638; July 12.
- Squeegee, Window. N. Hawrylasz. 2,112,462; Mar. 29.
- Squeeze tube cap. S. R. Weston. 2,107,226; Feb. 1.
- Squeezer and cutter. F. H. Stanton. 2,117,687; May 17.
- Stabilized compositions comprising aliphatic ethers. T. Evans. 2,130,078; Sept. 13.
- Stabilized compositions comprising aliphatic ethers. T. Evans. 2,132,017; Oct. 4.
- Stabilizer. A. J. Lippold. 2,122,150; June 28.
- Stabilizer. E. F. Rossman, W. A. Chryst, and R. I. Bates. 2,133,773; Oct. 18.
- Stabilizer for automobile steering gears. H. W. Bogart. 2,139,666; Dec. 13.
- Stabilizer for track type tractors. E. A. Johnston. 2,135,619; Nov. 8.
- Stabilizer for vehicles. B. J. Allen. 2,113,071; Apr. 5.
- Stabilizer structure for automobiles. H. L. Chisholm, Jr. 2,106,886; Feb. 1.
- Stabilizing device. H. Wolf. 2,111,716; Mar. 22.
- Stabilizing device for aeroplanes. E. J. H. Billloque. 2,112,757; Mar. 29.
- Stabilizing equipment for vehicles, particularly ships. Y. A. Rocard. 2,130,929; Sept. 20.
- Stabilizing means for motor vehicles. C. B. Huntman. 2,107,183; Feb. 1.
- Stabilizing treatment. J. A. Nock, Jr. and F. Keller. 2,137,624; Nov. 22.
- Stable preparations of aromatic compounds containing active halogen. F. A. Steingrover and O. J. Boser. 2,136,173; Nov. 8.
- Stack dumper. H. Paxton. 2,127,007; Aug. 16.
- Stacking device. E. N. Neckel. 2,110,453; Mar. 8.
- Stacking mechanism. J. E. Blosser and P. Burke. 2,130,796; Dec. 13.
- Stadium seat. L. J. Thompson. 2,137,312; Nov. 22.
- Stage construction for theatres and the like. G. E. Young. 2,136,833; Nov. 15.
- Stage, Refrigerated motion picture. N. H. Rosberg. 2,136,758; Nov. 15.
- Stage structure, Demountable. J. Gorance. 2,115,631; Apr. 26.
- Staging. A. Kaklides. 2,134,975; Nov. 1.
- Staging bracket. I. W. Hoy. 2,116,831; May 10.
- Stain, Wood. E. J. Schuessele. 2,122,805; July 5.
- Stair construction, Metal. G. S. von Schantz. 2,105,565; Jan. 18.
- Stair tread. W. S. Pattison. 2,135,837; Nov. 8.
- Stairway, Moving. J. Dunlop. 2,109,210; Feb. 22.
- Stairway, Moving. W. F. Eames. 2,106,833; Feb. 1.
- Stairway, Moving. D. L. Lindquist. 2,135,188; Nov. 1.
- Stairway, Moving. S. G. Margles. 2,128,310; Aug. 30.
- Stairway, Moving. S. G. Margles and A. Fabula. 2,111,433; Mar. 15.
- Stairway, Moving. S. G. Margles and A. Fabula. 2,114,805; Apr. 19.
- Stairway protective device, Moving. H. I. Eckerson, M. F. Flinn, and S. G. Margles. 2,110,547; Mar. 8.
- Stake and pulling and driving means therefor. L. A. Shrewsbury. 2,125,204; July 26.
- Stake, Garden line. H. G. M. Kuhn. 2,107,989; Feb. 8.
- Stake or stanchion for vehicles. A. L. Karlge. 2,107,612; Feb. 8.
- Stake pocket, Road rail. E. L. Harrington. 2,138,634; Nov. 29.
- Stake, Vehicle. H. C. Swertfeger. 2,131,337; Sept. 27.
- Staking and ironing machine. W. F. Ayles. 2,131,833; Oct. 4.
- Stalk lifter. A. W. Swenson. 2,126,153; Aug. 9.
- Stall. H. H. Grubb. 2,107,477; Feb. 8.
- Stall and equipment therefor, Dairy. B. W. Henderson. 2,110,909; Mar. 15.
- Stall indicator. R. P. Holland, Jr. 2,110,730; Mar. 8.
- Stall for race tracks, Portable starting. F. O. Guth. 2,127,213; Aug. 16.
- Stamp. H. J. Melind. 2,123,952; July 19.
- Stamp affixing mechanism. A. Gay. 2,129,053; Sept. 6.
- Stamp and label box. J. Yacker and W. S. Kirsch. 2,107,194; Feb. 1.
- Stamp, Control. F. Gruttmann. 2,115,767; May 3.
- Stamp, Time. A. C. Johnson and T. M. Wroble. 2,137,493; Nov. 22.
- Stamping press. A. M. Wickwire, Jr. 2,122,669; July 5.
- Stamping tool. W. J. Kolstad. 2,109,253; Feb. 22.
- Stamps, Producing steel. L. D. Donbeck. 2,140,670; Dec. 20.
- Stanchion. J. B. Clay and W. O. Wille. 2,127,021; Aug. 16.
- Stand: See—
- Adjustable stand.
  - Conveyer stand.
  - Counter display stand.
  - Desk stand.
  - Display box stand.
  - Display stand.
  - Fan stand.
  - Fountain pen desk stand.
  - Hat stand.
  - Iron stand.
  - Island display stand.
  - Merchandising display stand.
  - Motor-block stand.
  - Photographic copying stand.
  - Picture stand.
  - Reference stand.
  - Reservoir desk stand.
  - Revolving display stand.
  - Roll lift stand.
  - Scope stand.
  - Smoker's stand.
  - Smoking stand.
  - Switch stand.
  - Typewriter stand.
  - X-ray tube stand.
- Stand. W. A. Anderson. 2,126,303; Aug. 9.
- Stand and accessories therefor, Smoking. E. F. McDonald. 2,107,010; Feb. 1.
- Stand and dressing table, Folding bath. C. T. De Puy. 2,113,682; Apr. 12.
- Stand for collars, Display. M. Gladstone. 2,129,927; Sept. 13.
- Stand for cordless electric irons. J. P. Walpole. 2,108,834; Feb. 22.
- Stand for tanks. W. R. Kepler. 2,136,443; Nov. 15.
- Stand for toy soldiers or other merchandise, Display. W. A. Coventry. 2,112,070; Mar. 22.
- Stand, more particularly for Röntgen apparatus. E. Pohl. 2,125,586; Aug. 2.
- Standard, Theater aisle. H. J. McKinney. 2,135,311; Nov. 1.
- Staple. W. G. Pankonin. 2,111,404; Mar. 15.
- Staple. W. G. Pankonin. 2,140,593; Dec. 20.
- Staple clincher for steel fences. G. Simons. 2,126,225; Aug. 9.
- Staple driving machine. F. Polzer. 2,117,741; May 17.
- Staple driving machine. L. L. Wheeler. 2,139,342; Dec. 6.
- Staple strip. R. Vogel. 2,137,467; Nov. 22.
- Stapler. E. L. Sibley. 2,141,366; Dec. 27.
- Staples, Producing wire. M. Vogel. 2,128,443; Aug. 30.
- Stapling and ring forming machine. E. J. and V. R. Smith. 2,130,779; Sept. 20.
- Stapling apparatus. H. S. Heller. 2,130,129; Sept. 13.
- Stapling apparatus. A. Rambold. 2,139,316; Dec. 6.
- Stapling device. E. Hawkins. 2,132,295; Oct. 4.
- Stapling device. W. G. Pankonin. 2,140,592; Dec. 20.
- Stapling implement, Convertible. F. Polzer. 2,132,127; Oct. 4.
- Stapling machine. B. B. Blanchard. 2,111,608; Mar. 22.
- Stapling machine. S. A. Crosby. 2,136,374; Nov. 15.
- Stapling machine. W. Drypolcher. 2,130,734; Sept. 20.
- Stapling machine. W. Drypolcher. 2,131,473; Sept. 27.
- Stapling machine. A. L. Hansen. 2,122,815; July 5.
- Stapling machine. E. Krantz. 2,140,588; Dec. 20.
- Stapling machine. W. F. Weber, G. C. Bea, and W. G. Pankonin. 2,112,041; Apr. 5.
- Stapling machine attachment. J. L. Walsh. 2,107,555; Feb. 8.
- Stapling machine, Automatic. J. R. Miller. 2,115,175; Apr. 26.
- Stapling machine core. W. F. Weber. 2,107,169; Feb. 1.
- Stapling mechanism. W. D. Lipps. 2,123,731; Aug. 2.
- Stapling mechanism. A. H. Schmidtke. 2,128,478; Aug. 30.
- Stapling mechanism. H. J. Spencer. 2,109,203; Feb. 22.
- Stapling or wire stitching machine. A. H. Maynard. 2,141,612; Dec. 27.
- Starch. C. C. Kessler. 2,121,502; June 21.
- Starch. C. C. Kessler. 2,124,372; July 19.
- Starch and preparing the same, Solid. H. Fille. 2,129,919; Sept. 13.
- Starch conversion. R. O. McCoy. 2,105,221; Jan. 11.
- Starch from gluten, Separation of. H. Role. 2,124,284; July 19.
- Starch from Indian corn, Manufacture of. T. B. Wagner. 2,132,251; Oct. 4.



- Starch, Halogenated thick boiling. R. W. Kerr. 2,108,862; Feb. 22.
- Starch making process. A. E. Staley, Jr. 2,116,610; May 10.
- Starch, Manufacture of. A. H. Kelling. 2,105,217; Jan. 11.
- Starch, Manufacture of. A. H. Kelling. 2,114,497; Apr. 19.
- Starch, Manufacture of. A. H. Kelling. 2,115,170-1; Apr. 26.
- Starch, Manufacture of. A. H. Kelling. 2,124,779; July 26.
- Starch, Manufacture of. A. H. Kelling. 2,133,543; Oct. 18.
- Starch, Manufacture of. S. Shurback. 2,141,562; Dec. 27.
- Starch, Nitration of. J. Helle and A. Kunz. 2,112,989; Apr. 5.
- Starch product and making same. A. J. Bulfer and A. C. Horesl. 2,115,157; Apr. 26.
- Starch, Purification and separation of. K. P. Link, C. G. Niemann, and R. H. Roberts. 2,121,919; June 28.
- Starch tabling process. F. L. Jefferies. 2,122,647; July 5.
- Starching machine. G. J. Reinitz. 2,126,663; Aug. 9.
- Starter control. F. E. Liverance, Jr. 2,122,038; June 28.
- Starter control for internal combustion engines, Automatic. C. S. Janes. 2,111,971; Mar. 22.
- Starter control system. J. B. Dyer and W. E. Brown. 2,105,723; Jan. 18.
- Starter drive member, Engine. Y. Sekella. 2,109,155; Feb. 22.
- Starter, Engine. A. S. Bosma. 2,109,281; Feb. 22.
- Starter, Engine. R. Chilton. 2,124,812; July 26.
- Starter, Engine. F. J. De Niro. 2,129,653; Sept. 13.
- Starter, Engine. J. B. Dyer. 2,141,178; Dec. 27.
- Starter, Engine. J. W. Fitz Gerald. Re. 20,686; Apr. 5.
- Starter, Engine. J. W. Fitz Gerald. 2,136,046; Nov. 8.
- Starter, Engine. H. L. Meeder. 2,141,217; Dec. 27.
- Starter, Engine. R. M. Nardone. 2,119,138; May 31.
- Starter for engines, Safety hand crank. S. Riddell. 2,140,030; Dec. 13.
- Starter for pool-type discharge devices, Immersion. E. Rupp. 2,107,908; Feb. 8.
- Starter for well strings, Insertable circulation. J. E. Hall. 2,132,161; Oct. 4.
- Starter system, Electric. B. M. Leece. 2,114,055; Apr. 12.
- Starters for motor-driven vehicles, Engine. J. F. Kissane. 2,122,816; July 5.
- Starting apparatus for internal combustion engines. A. Callsen. 2,127,026; Aug. 23.
- Starting apparatus for internal combustion engines. R. Hammer. 2,128,939; Sept. 6.
- Starting apparatus for internal combustion engines. W. Pfister. 2,115,671; Apr. 26.
- Starting device for internal combustion engines. H. Klein. 2,128,947; Sept. 6.
- Starting device for race tracks. S. J. Kelley. 2,127,221; Aug. 16.
- Starting gate. E. F. Weishaupt. 2,124,325; July 19.
- Starting mechanism. A. G. McNicoll. 2,108,776; Feb. 15.
- Starting mechanism, Automatic. D. P. Kearney. 2,125,379; Aug. 2.
- Starting mechanism, Automatic. L. K. Loehr and W. E. Burdick. 2,131,403; Sept. 27.
- Starting mechanism, Automatic. L. K. Loehr and W. E. Burdick. 2,135,620; Nov. 8.
- Starting mechanism, Automatic. P. H. Maurer. 2,105,947; Jan. 18.
- Starting, synchronizing, and shifting system, Combined. H. J. Murray. 2,124,076; July 19.
- Starting system for engines, Automatic. L. K. Loehr and W. E. Burdick. 2,121,974; June 28.
- Start-stop regenerative repeater. L. M. Potts. 2,104,273; Jan. 4.
- Start-stop regenerative repeater. W. J. Zenner. 2,104,251; Jan. 4.
- Start-stop regenerative repeater. W. J. Zenner and S. Janiszewski. 2,105,173; Jan. 11.
- State values, Regulation of. W. Dallenbach. 2,119,153; May 31.
- Static balancing machine. J. L. Taylor. 2,110,343; Mar. 8.
- Static elimination circuit. E. M. Sargent. 2,138,123; Nov. 29.
- Static, Increasing the effect of. P. M. Haffcke. 2,140,528; Dec. 20.
- Station, Automatic selection. P. Abeloos. 2,139,324; Dec. 6.
- Station, Floating. F. G. Creed. 2,107,886; Feb. 8.
- Station indicator. J. W. Lee. 2,108,718; Feb. 15.
- Stationery. C. Brate. 2,114,430; Apr. 12.
- Stationery. V. M. West. 2,137,516; Nov. 22.
- Stationery, Multiform. A. H. Phillips and W. Allan, Jr. 2,108,595; Feb. 15.
- Statistical card machine. J. W. Galyon. 2,110,858; Mar. 15.
- Statistical data, Apparatus for collaborating. C. Borel. 2,131,497; Sept. 27.
- Statistical machine. J. W. Bryce. 2,124,906; July 26.
- Stave. R. A. Lawrence. 2,120,838; June 14.
- Stay and combination package, Hat packing. J. G. Huye. 2,136,744; Nov. 15.
- Staybolt. R. W. Friday. 2,107,604; Feb. 8.
- Staybolt and manufacturing the same. W. B. Peirce and N. J. Kouche. 2,121,979; June 28.
- Stay-bolt of clad metal and manufacturing same. H. von Forster. 2,115,200; Apr. 26.
- Staybolts, Testing boiler. G. R. Greenslade. 2,104,645; Jan. 4.
- Stay for pan sets. J. G. Jackson. 2,135,340; Nov. 1.
- Stay, Pan set. J. G. Jackson. 2,135,341; Nov. 1.
- Stay-planting mechanism for blank-making machines. R. M. Dallas. 2,106,271; Jan. 25.
- Stay, Shirt. L. L. Holben. 2,114,222; Apr. 12.
- Stays, Attaching seam. K. Engel. 2,136,495; Nov. 15.
- Steak slicing and dicing machine. A. J. Gurney. 2,131,397; Sept. 27.
- Steam and water separator. W. R. Wood. 2,112,321; Mar. 29.
- Steam, Apparatus for generating. O. Engler. 2,104,613; Jan. 4.
- Steam boiler. E. G. Bailey and H. J. Kerr. 2,126,862; Aug. 16.
- Steam boiler. A. C. Church. 2,126,619; Aug. 9.
- Steam boiler. J. Eklund. 2,122,390; June 28.
- Steam boiler. I. Goldberg. 2,132,732; Oct. 11.
- Steam boiler. D. S. Jacobus. 2,114,223-4; Apr. 12.
- Steam boiler. C. E. Lucke. 2,112,202; Mar. 22.
- Steam boiler. K. C. Schmidt. 2,109,277-8; Feb. 22.
- Steam collecting device especially for high pressure steam. O. Metzner. 2,110,468; Mar. 8.
- Steam control for paper machines, Automatic. F. A. Stickle. 2,120,079; June 7.
- Steam cooling system, Vacuum. F. B. Yingling. 2,115,660; Apr. 26.
- Steam dome. J. C. Maris. 2,131,537; Sept. 27.
- Steam drier. H. L. Taft. 2,139,985; Dec. 13.
- Steam engine. R. H. Blocker. 2,140,571; Dec. 20.
- Steam engine. E. L. Fickett, W. O. Forman, and P. E. Arthur. 2,113,936; Apr. 12.
- Steam engine, Rotary. R. L. Bailey. 2,127,968; Aug. 23.
- Steam engine valve. W. F. Kiesel, Jr. 2,138,740; Nov. 29.
- Steam gauge. M. Klein. 2,113,482; Apr. 5.
- Steam generating and superheating apparatus. C. S. Turner. 2,131,080; Sept. 27.
- Steam generating plant. H. C. Egloff. 2,119,100; May 31.
- Steam generating system. A. Clarkson. 2,123,166; July 12.
- Steam generation, High pressure. M. Ledinegg. 2,124,254; July 19.
- Steam generator. W. Abendroth. 2,113,559; Apr. 12.
- Steam generator. J. P. Badenhausen. 2,107,022; Feb. 1.
- Steam generator. J. P. Badenhausen. 2,139,348; Dec. 6.
- Steam generator. J. Blizard. 2,123,860; July 12.
- Steam generator. C. E. Lucke. 2,108,072; Feb. 15.
- Steam generator. J. J. Nelis. 2,108,135; Feb. 15.
- Steam generator. W. H. Watson. 2,110,432; Mar. 8.
- Steam generator, Water tube. M. Schmidt. 2,127,787; Aug. 23.
- Steam generator with forced passage of the operating medium. M. Eule. 2,113,833; Apr. 12.
- Steam generator with forced passage of the operating medium. M. Eule. 2,126,248; Aug. 9.
- Steam heating. R. W. Leutwiler and W. Eichholz. 2,108,601; Feb. 15.
- Steam heating systems, Apparatus for treating. O. J. Bublitz. 2,115,971; May 3.
- Steam, Indirect generating of superheated. W. Bredtschneider. 2,107,101; Feb. 1.
- Steam jet. R. G. Lundy. 2,136,304; Nov. 8.
- Steam jet pump. F. W. Walch. 2,123,346; July 12.
- Steam separator. A. Williams. 2,122,630; July 5.
- Steam superheater. L. C. Southcott. 2,132,658; Oct. 11.
- Steam table. L. B. Roach. 2,128,852; Aug. 30.
- Steam table. B. P. Skjervén. 2,107,346; Feb. 8.
- Steam trap. V. A. Berghoefer. 2,129,986; Sept. 13.
- Steam trap. F. R. Dunn. 2,117,056; May 10.
- Steam trap. J. F. McKee. 2,127,649; Aug. 23.
- Steam, Utilizing exhaust. J. E. Johansson. 2,132,212; Oct. 4.
- Steam, vapor, and hot water boiler, Cast iron. T. F. Maguire. 2,125,795; Aug. 2.
- Steamer, Ear corn. F. W. Douthitt. 2,138,908; Dec. 6.
- Steaming and drying machine. A. Rieffel. 2,104,402; Jan. 4.
- Steel alloy. W. F. Finkl. 2,104,980; Jan. 11.
- Steel, Alloy. W. H. Hatfield. 2,141,389; Dec. 27.
- Steel, Alloy. P. Payson. 2,141,016; Dec. 20.
- Steel and making such steel, Hard magnetic. W. E. Remmers. 2,111,005; Mar. 15.
- Steel and product thereof, Rolling stainless. W. B. Arness. 2,118,693; May 24.
- Steel and products thereof, Coating strip. M. Rubin and R. E. Alexander. 2,115,750; May 3.
- Steel article, Nitride hardened. A. B. Kinzel. 2,114,802; Apr. 19.
- Steel, Chromium. R. Franks. 2,120,554; June 14.
- Steel, Chromium-manganese-nickel. F. M. Becket and R. Franks. 2,138,289; Nov. 29.
- Steel, Control of hardening of. C. W. Hansell. 2,123,776; July 12.



- Steel, Corrosion-resistant and cold workable molybdenum. H. Reitz, E. Hengler, and A. Büttinghaus. 2,110,891; Mar. 15.
- Steel, Corrosion resisting. F. C. Elder. 2,136,736; Nov. 15.
- Steel for permanent magnets. K. Honda. 2,105,652-3; Jan. 18.
- Steel, Forgeable high speed. E. B. Welch. 2,130,822; Sept. 20.
- Steel from low-grade phosphorus-containing acid iron ores, Manufacture of. H. Röchling and O. Johannsen. 2,133,571; Oct. 18.
- Steel having a high resistance to creep. L. L. Wyman. 2,114,868; Apr. 19.
- Steel, Making. C. D. King. 2,111,893; Mar. 22.
- Steel, Making. W. Rohn. 2,139,853; Dec. 13.
- Steel, Manufacturing alloy. W. M. Burden, R. Geners, and R. Harrison. 2,128,601; Aug. 30.
- Steel or other metal billets, bars, or the like, Manufacture of. W. C. Bell. 2,121,280; June 21.
- Steel, Plating. J. S. Nachtman. Re. 20,788; July 12.
- Steel, Process of heat treating. E. L. Robinson. 2,125,128; July 26.
- Steel, Producing. M. J. Devaney. 2,108,254; Feb. 15.
- Steel, Producing free cutting. J. Haag. 2,120,894; June 14.
- Steel, Producing titanium. W. Mathesius. 2,137,945; Nov. 22.
- Steel retainer, Drill. J. C. Curtis. 2,114,047; Apr. 12.
- Steel strapping, Method of and apparatus for straightening. C. M. MacChesney. 2,140,533; Dec. 20.
- Steel strip and producing the same, Nonaging flat silicon. C. A. Scharschu. 2,104,169; Jan. 4.
- Steel, Treating. H. M. Garsson. 2,131,505; Sept. 27.
- Steel, Treating. V. T. Malcolm. 2,131,710; Sept. 27.
- Steel, Treatment of. M. G. Fowler and L. M. Barker. 2,107,328; Feb. 8.
- Steel tube, Chromium alloy. F. M. Becket and R. Franks. 2,139,538; Dec. 6.
- Steel wool holder. I. J. Spiewak. 2,124,476; July 19.
- Steel wool package. E. R. Martin. 2,132,958; Oct. 11.
- Steel wool pad. E. R. Martin. 2,123,338; July 12.
- Steeping and degerminating process. C. R. Brown and A. T. Scott. 2,122,084; June 28.
- Steepwater, Evaporation of. R. O. McCoy. 2,126,568; Aug. 9.
- Steerable tail wheel. A. G. Butler. 2,114,522; Apr. 19.
- Steering and control means for water craft. L. E. Norquist. 2,114,112; Apr. 12.
- Steering apparatus. G. E. Mirfield. 2,112,504; Mar. 29.
- Steering column lock. F. Bullis. 2,118,394; May 24.
- Steering controller. A. A. Friestedt. 2,114,444; Apr. 19.
- Steering device. G. Z. von Manteuffel. 2,104,627; Jan. 4.
- Steering device for automobiles. W. H. Furness. 2,116,307; May 3.
- Steering device for power propelled vehicles. I. F. Davidson. 2,112,559; Mar. 29.
- Steering device, for ships, Automatic. F. S. Hodgman. 2,131,951; Oct. 4.
- Steering device for trailers. H. W. Drake. 2,127,057; Aug. 16.
- Steering device for vehicles. H. Möller. 2,125,644; Aug. 2.
- Steering device, Pneumatic. C. J. Hug. 2,112,962; Apr. 5.
- Steering for ships, Automatic. F. S. Hodgman. 2,120,950; June 14.
- Steering gear. A. J. Dawson. 2,134,399; Oct. 25.
- Steering gear. B. W. Twyman. 2,129,389; Sept. 6.
- Steering gear for motor vehicles. J. G. Douglas. Re. 20,895; Oct. 25.
- Steering knob for automobile steering wheels. H. P. Hansen. 2,139,546; Dec. 6.
- Steering means, Automatic. B. Chance. 2,132,676-7; Oct. 11.
- Steering mechanism. E. W. Baxter. 2,134,748; Nov. 1.
- Steering mechanism. G. J. Heppner and E. F. Chase. 2,140,319; Dec. 13.
- Steering mechanism. H. Kraekemier. 2,134,721; Nov. 1.
- Steering mechanism. R. C. Russell. 2,141,697; Dec. 27.
- Steering mechanism, Automatic. C. L. Hill. 2,116,629; May 10.
- Steering mechanism for vehicles. G. M. Coulter. 2,113,267; Apr. 5.
- Steering mechanism, Hydraulically controlled. J. Latzen. 2,111,668; Mar. 22.
- Steering moving craft. E. E. Idelman. 2,137,847; Nov. 22.
- Steering system, Automatic. F. W. Dunmore. 2,137,241; Nov. 22.
- Steering wheel. F. C. Ashby. 2,128,069; Aug. 23.
- Steering wheel. M. Zaiger. 2,112,057; Mar. 22.
- Steering wheel attachment. I. A. Anson. 2,134,020; Oct. 25.
- Steering wheel attachment. W. Champlin. 2,137,332; Nov. 22.
- Steering wheel, Automobile. P. B. Erickson. 2,106,169; Jan. 25.
- Steering wheel supporting device for testing apparatus. C. H. Phelps. 2,137,949; Nov. 22.
- Steering wheel switch. H. E. Pulleyblank. 2,119,752; June 7.
- Steering wheel table. H. A. D. Baer. 2,141,849; Dec. 27.
- Stem assembly for electron discharge devices. P. Weigt. 2,108,519; Feb. 15.
- Stemming machine. T. R. Priddy. 2,114,457; Apr. 19.
- Stems for sealed electrical devices, Making. A. J. White. 2,128,173; Aug. 23.
- Stencil. H. P. Elliott. 2,131,503; Sept. 27.
- Stencil. A. E. Schutte. 2,140,483; Dec. 13.
- Stencil and making the same, Screen. W. D. Bell. 2,110,319; Mar. 8.
- Stencil duplicating machine. A. F. Kaptuller. 2,112,338; Mar. 29.
- Stencil for use in sandblasting. R. H. Kavanaugh. 2,106,981; Feb. 1.
- Stencil, Lip. M. L. Helehan. 2,117,061; May 10.
- Stencil, Manufacturing a photographic. T. E. Kirch and D. R. Mead. 2,131,225; Sept. 27.
- Stencil, Matched veneer. B. G. Robertson. 2,141,020; Dec. 20.
- Stencil scope. A. P. Lee. 2,109,729; Mar. 1.
- Stencil sheet. C. V. Canning. 2,140,506; Dec. 20.
- Stencil sheet. S. Horii. 2,122,774; July 5.
- Stenciling apparatus. R. G. Martin. 2,127,128; Aug. 16.
- Stenciling apparatus. H. R. Schutz. 2,113,605; Apr. 12.
- Stenciling apparatus. H. R. Schutz. 2,114,321; Apr. 19.
- Stenciling apparatus. W. R. Simonton. 2,114,323; Apr. 19.
- Stenciling apparatus. T. H. Sloan. 2,113,413; Apr. 5.
- Stenciling apparatus. W. S. Williams. 2,105,572; Jan. 18.
- Stenciling, Apparatus for. J. C. Smith. 2,124,011; July 19.
- Stenciling apparatus, Multicolor. H. W. Schneider. 2,129,163; Sept. 6.
- Stenciling machine. D. J. Ajouelo. 2,132,282; Oct. 4.
- Step. F. J. Machovec. 2,122,040; June 28.
- Step and extension ladder, Combination. W. M. Webster. 2,133,003; Oct. 11.
- Step attachment, Closet bowl. G. B. Bentz. 2,122,832; July 5.
- Step construction. C. F. Hirshfeld. 2,130,131; Sept. 13.
- Step for vehicles, Retractable. G. W. Hamilton. 2,118,557; May 24.
- Step, Pilot. B. H. Brenner. 2,130,837; Sept. 20.
- Step regulator. S. Minneel and L. F. Blume. 2,116,403; May 3.
- Step, Safety folding. A. R. Pool. 2,125,085; July 26.
- Stepladder. M. J. Lewis. 2,109,886; Mar. 1.
- Stepladder. R. R. Parkinson and S. E. Weaver. 2,126,805; Aug. 16.
- Stepless change gear. A. Maurer. 2,117,340; May 17.
- Stereophonographic apparatus and method. W. L. Douden. 2,124,030; July 19.
- Stereophotogrammetric plotting apparatus. W. Kern. 2,136,081; Nov. 8.
- Stereopticon slide and carrier therefor. W. J. Ellinson. 2,114,417; Apr. 19.
- Stereopticon slide and projection apparatus therefor. F. C. Brady. 2,108,844; Feb. 22.
- Stereopticon slide. P. M. Meadows. 2,120,673; June 14.
- Stereoscope. H. Latelitin and H. E. Bernhard. 2,131,444; Sept. 27.
- Stereoscope, Collapsible. J. J. Zwald. 2,133,222; Oct. 11.
- Stereoscopic range finder having stationary measuring marks. O. Eppenstern. 2,106,631; Jan. 25.
- Stereoscopic viewer. M. Kahn. 2,122,649; July 5.
- Stereoscopic viewer and photographic film for same. E. Rossman. 2,117,910; May 17.
- Stereoscopy, Anaglyph. J. A. Norling. 2,135,197; Nov. 1.
- Stereotopographical plotting apparatus with stereoscopic visual system. H. Wild. 2,113,970; Apr. 12.
- Stereotype, Apparatus for casting. P. E. White. 2,120,451; June 14.
- Stereotype metal furnace. M. M. Farley. 2,128,129; Aug. 23.
- Stereotype plate casting mold. W. F. Huck. 2,110,154; Mar. 8.
- Stereotype plates, Apparatus for casting. G. W. Bungay. 2,109,206; Feb. 22.
- Stereotype plates, Casting. G. W. Bungay. 2,109,207; Feb. 22.
- Stereotypes, Producing. R. D. Gould. 2,110,623; Mar. 8.
- Sterilization, Achieving absolute. A. Moon. 2,134,924; Nov. 1.
- Sterilization, Electric. L. B. Haddad. 2,122,741; July 5.
- Sterilizing agent. A. A. Levine. 2,130,805; Sept. 20.
- Sterilizing and disinfecting. W. Kruse and M. J. Fischer. 2,121,875; June 28.
- Sterilizing and warming device for containers. W. P. Clements. 2,141,516; Dec. 27.
- Sterilizing apparatus. W. B. Underwood. 2,112,630; Mar. 29.
- Sterilizing apparatus and method. H. J. Babcock. 2,134,098; Oct. 25.
- Sterilizing apparatus for surgical and dental appliances and the like. J. Polkofer. 2,127,932; Aug. 23.
- Sterilizing indicator and ink. P. Berman and A. L. Chaney. 2,118,144; May 24.
- Sterine derivatives and preparing them. M. Ruckmuhl, G. Ehrhart, and H. Ruschig. 2,108,646; Feb. 15.
- Sterling calculating machine. E. C. McClure. 2,113,332; Apr. 5.
- Stethoscope. H. von Bülissen. 2,115,478; Apr. 20.
- Stick, Dental. A. N. Russell. 2,122,920; July 5.



- Stick handling mechanism. A. Taylor. 2,110,923; Mar. 15.
- Stick hanger. J. Bitzer. 2,117,285; May 17.
- Stick holder and dipping rack. E. L. Elwell. 2,109,473; Mar. 1.
- Stick, Lap. J. R. Wilson. 2,105,064; Jan. 11.
- Stick, Last measuring. C. H. Johnson. 2,114,385; Apr. 19.
- Sticks, Method of and mechanism for shaping manicure. E. G. Schlager and G. F. Kullack. 2,109,450; Mar. 1.
- Stiffener and securing it to a sole member, Shoe shank. R. B. Bartels. 2,129,556; Sept. 6.
- Stiffener with clincher prongs, Hardened shank. S. M. Nickerson. 2,120,588; Sept. 6.
- Stiffening rib for supporting garments. J. V. Moore. 2,105,257; Jan. 11.
- Still residue, Treatment of. W. H. Carmody. 2,128,984; Sept. 6.
- Still residue, Treatment of. F. W. Corkery. 2,135,426-7; Nov. 1.
- Still residue, Treatment of. F. W. Corkery. 2,135,430; Nov. 1.
- Still, Tube. R. M. Parsons. 2,105,820; Jan. 18.
- Stirring means. P. J. Rommel. 2,111,407; Mar. 15.
- Stirrup for concrete construction work, Continuous. C. A. Lord. 2,122,985; July 5.
- Stitch transfer mechanism for knitting machines. H. McAdams. 2,111,476; Mar. 15.
- Stitching and trimming machine. J. D. Karle. 2,114,962; Apr. 19.
- Stitching facilitating apparatus. A. G. Koenig. 2,111,451; Mar. 15.
- Stitching guide gauge. C. T. Stackpole. 2,116,936; May 10.
- Stock and die for use in screwing metals. J. D. Walker. 2,120,689; June 14.
- Stock feeder. F. Rebehn and M. R. Iversen. 2,126,926; Aug. 16.
- Stock feeder. W. B. Thiemann. 2,111,950; Mar. 22.
- Stock feeding and handling apparatus for rolling mills. J. R. George. 2,133,090; Oct. 11.
- Stock feeding apparatus for screw-machines. H. E. Tautz and M. Heinrich. 2,108,274; Feb. 15.
- Stock feeding means for multiple spindle machine tools, Supplemental. S. Baxendale. 2,115,938; May 3.
- Stock feeding mechanism. S. Baxendale. 2,111,308; Mar. 15.
- Stock for automatic pistols, Combined magazine and extension. L. N. Nomar. 2,114,311; Apr. 19.
- Stock handling apparatus. G. F. Yager. 2,132,140; Oct. 4.
- Stock holder, Rolled. C. E. Bartram. 2,109,097; Feb. 22.
- Stock preparation method. J. E. Beyer and E. J. Leesman. 2,123,839; July 12.
- Stock process and apparatus for making paper, Thin. C. H. Allen. 2,122,394; July 5.
- Stock quotation board system. A. A. Clokey and G. S. Vernam. 2,137,603; Nov. 22.
- Stock quotation monitoring and automatic shelf selection system. C. T. Foss. 2,134,118; Oct. 25.
- Stock quotation projecting machine. A. D. Eitzen. 2,119,532; June 7.
- Stock selecting and indicating system. E. R. Wheeler and E. J. Sortore. 2,122,387; June 28.
- Stock weaver. C. E. Boldt. 2,134,596; Oct. 25.
- Stock, Whip. W. E. Williams. 2,111,881; Mar. 22.
- Stocking. R. A. Folkman. 2,136,426; Nov. 15.
- Stocking. J. Kugelman. 2,125,114; July 26.
- Stocking. O. W. Marden. 2,104,901; Jan. 11.
- Stocking. L. H. Mendelsohn. 2,108,923; Feb. 22.
- Stocking. E. O'Connor. 2,118,102; May 24.
- Stocking and making the same. E. C. Lochhead. 2,108,540; Feb. 15.
- Stocking and making the same. O. F. Smetana. 2,109,156; Feb. 22.
- Stocking boarding machine. F. G. Kommrusch. 2,140,321; Dec. 13.
- Stocking display device and the like. H. Janssen. 2,122,144; June 28.
- Stocking form and support. P. J. Murray. 2,120,219; June 7.
- Stocking or blank therefor, Runproof or run-resistant full-fashioned or flat-knit. E. E. Carlson. 2,114,956; Apr. 19.
- Stocking or blanks, Method and mechanism for making runproof or run-resistant full-fashioned or flat-knit. E. E. Carlson. 2,114,955; Apr. 19.
- Stocking welt, Flat knitted. E. Ruckel. 2,108,615; Feb. 15.
- Stockings, Knitting. E. S. Sachsenmaier. 2,113,200; Apr. 5.
- Stockings, Making. L. H. Mendelsohn. 2,107,078; Feb. 1.
- Stoker. A. R. Chalker. 2,119,941; June 7.
- Stoker. J. F. Fisher. 2,109,332; Feb. 22.
- Stoker. J. Goetz. 2,127,726; Aug. 23.
- Stoker. W. T. Hanna. 2,116,115; May 3.
- Stoker. C. E. Harrison. 2,140,317; Dec. 13.
- Stoker. A. Hutton. 2,116,744; May 10.
- Stoker. P. A. Ketchpel. 2,116,578; May 10.
- Stoker. C. C. Kirby. 2,115,464; Apr. 26.
- Stoker. F. T. Nicholson. 2,136,591; Nov. 15.
- Stoker. W. V. Sauter. 2,141,620; Dec. 27.
- Stoker. W. M. Schweickart. 2,124,317; July 19.
- Stoker. G. A. Stephens. 2,135,682; Nov. 8.
- Stoker. R. E. Stevenson. 2,125,054; July 26.
- Stoker. F. C. Tretheway. 2,120,046; June 7.
- Stoker and ash remover, Underfeed. T. H. Banfield. 2,122,708; July 5.
- Stoker and firedoor, Combined. H. P. Anderson. 2,129,111; Sept. 6.
- Stoker and method of burning fuel. E. O. Marty. 2,119,554; June 7.
- Stoker, Automatic. W. M. Fulton. 2,126,104; Aug. 9.
- Stoker, Automatic gravity. J. K. Dukas. 2,128,125; Aug. 23.
- Stoker, Blast feed. P. A. Ketchpel. 2,137,844; Nov. 22.
- Stoker, Coal. V. C. Norquist. 2,110,111; Mar. 1.
- Stoker construction. T. R. Woolley and F. Hammis. 2,132,980; Oct. 11.
- Stoker control. C. G. Kronmiller. 2,120,937; June 14.
- Stoker conveyor. W. T. Capps. 2,119,071; May 31.
- Stoker conveyor. P. A. Ketchpel. 2,127,922; Aug. 23.
- Stoker conveyor. W. C. Peyton and H. P. Anderson. 2,119,086; May 31.
- Stoker conveyor. C. J. Surdy. 2,113,258; Apr. 5.
- Stoker conveying mechanism. W. N. Wright. 2,113,247; Apr. 5.
- Stoker equipment, Underfeed. M. E. Yeager. 2,139,144; Dec. 6.
- Stoker for locomotives. W. T. Hanna. 2,104,035; Jan. 4.
- Stoker for solid fuel. G. M. Peltz. 2,127,933; Aug. 23.
- Stoker, Fuel. C. Scholl. 2,118,625; May 24.
- Stoker fuel distributor. G. M. Broker. 2,131,995; Oct. 4.
- Stoker, Furnace. J. S. Bennett. 2,135,697-8; Nov. 8.
- Stoker furnace. J. H. Lawrence. 2,113,891; Apr. 12.
- Stoker grate block. H. E. Preston. 2,133,114; Oct. 11.
- Stoker hopper switch. B. E. Shaw. 2,131,305; Sept. 27.
- Stoker, Locomotive. A. R. Chalker. 2,132,392; Oct. 11.
- Stoker, Locomotive. J. B. MacKenzie. 2,127,338; Aug. 16.
- Stoker, Locomotive. C. J. Surdy. 2,109,980; Mar. 1.
- Stoker, Locomotive. C. J. Surdy. 2,129,365; Sept. 6.
- Stoker, Locomotive. E. A. Turner. 2,131,996; Oct. 4.
- Stoker, Locomotive. E. A. Turner. 2,138,363; Nov. 29.
- Stoker lubrication. W. T. Hanna. 2,125,917; Aug. 9.
- Stoker, Mechanical. F. H. Ream. 2,123,802; July 12.
- Stoker, Mechanical. J. H. Walter. 2,116,774; May 10.
- Stoker mechanism. W. T. Hanna. 2,128,940; Sept. 6.
- Stoker mechanism. J. B. MacKenzie. 2,127,923; Aug. 23.
- Stoker mechanism. O. Moeller. 2,119,750; June 7.
- Stoker mechanism. E. A. Turner. 2,115,565; Apr. 26.
- Stoker mechanism. G. Von Haase. 2,109,914; Mar. 1.
- Stoker, Overfeed. E. C. Sammons. 2,130,329; Sept. 13.
- Stoker, Side retort. J. S. Skelly. 2,136,807; Nov. 15.
- Stoker structure. H. E. Lippert. 2,115,510; Apr. 26.
- Stoker timing and actuating mechanism. J. F. Turner and C. P. Breidenbaugh. 2,133,156; Oct. 11.
- Stoker, Traveling belt. H. L. White. 2,124,661; July 26.
- Stoker, Underfeed. E. B. Birkenbeuel. 2,122,711; July 5.
- Stoker, Underfeed. E. B. Birkenbeuel. 2,123,163; July 12.
- Stoking installation. J. N. van Rijswijk. 2,122,733; July 5.
- Stone and making same, Artificial pulp grinding. H. P. Scheel, Jr. 2,134,738; Nov. 1.
- Stone breaker. C. V. Hallenbeck. 2,127,027; Aug. 16.
- Stone-cutting apparatus. G. A. Swenson. 2,141,566; Dec. 27.
- Stone-picking machine. O. F. Reiter. 2,141,557; Dec. 27.
- Stone, Processing of ornamental. J. O. Colonna. 2,120,486; June 14.
- Stone setting device for jewelry or other applications. V. Maynier. 2,132,905; Oct. 11.
- Stone slabs, Producing translucent. R. C. Briant and G. W. Bain. 2,126,725; Aug. 16.
- Stone-working tool. G. A. Swenson. 2,141,567; Dec. 27.
- Stoner, Vacuum peanut. H. E. Suggs. 2,125,207; July 26.
- Stones, Method and apparatus for setting cutting. R. H. Taylor. 2,126,058; Aug. 9.
- Stooker, Grain. D. MacLean. 2,116,032; May 3.
- Stool, Foldable. A. P. Welsh. 2,136,354; Nov. 8.
- Stool, Folding. A. J. Sheldon. 2,133,047; Oct. 11.
- Stool, Folding hospital. M. T. Dowdy. 2,127,442; Aug. 16.
- Stool, Foot. L. Wallace. 2,108,241; Feb. 15.
- Stool, Ingot mold. C. R. Fon Dersmith and W. W. Bergmann. 2,125,496; Aug. 2.
- Stool, Milking. P. L. Newbold. 2,120,312; June 14.
- Stop action for organs, Combination. J. H. Wick. 2,104,338; Jan. 4.
- Stop and drain valve, Compression. J. R. Guildford. 2,116,626; May 10.
- Stop and holder, Door. A. W. Carlson. 2,109,228; Feb. 22.
- Stop and tail lamp. S. M. Dover. 2,113,553; Apr. 5.
- Stop and waste valve. W. H. McDougal and G. H. Burden. 2,123,655; July 12.
- Stop and waste valve. J. M. Summers. 2,123,814; July 12.
- Stop, Car. P. J. McCullough. 2,121,775; June 28.
- Stop cock. C. W. Stevens. 2,109,654; Mar. 1.
- Stopcock. E. C. R. Weisgerber. 2,124,359; July 19.
- Stopcock, Lubricated split ring. F. J. Schweitzer. 2,104,056; Jan. 4.



- Stop, Conduit door. L. L. Hansen. 2,115,811; May 3.  
 Stop control means for core wrapping machines. J. J. Keyes. 2,140,361; Dec. 13.  
 Stop, Die rolling bar. H. G. R. Bennett. 2,110,257; Mar. 8.  
 Stop, Door. O. E. Carlson. 2,109,127; Feb. 22.  
 Stop, Door. A. Evulich. 2,105,216; Jan. 11.  
 Stop, Door. H. Hansen. 2,133,351; Oct. 18.  
 Stop, Door. B. M. Hurlbut. 2,123,188; July 12.  
 Stop, Door. I. Kreitzer. 2,131,630; Sept. 27.  
 Stop, Door. M. J. and A. M. Sasgen. 2,121,490; June 21.  
 Stop equipment for pipe organs, Combination. A. Moorhouse and S. G. Bowman. 2,127,266; Aug. 16.  
 Stop for a threading die head, Automatic. H. T. and D. O. Kimlin. 2,119,014; May 31.  
 Stop for brake heads, Adjustable. H. S. Whitford. 2,118,960; May 31.  
 Stop for door type elevators, Balance. H. E. Grau. 2,105,076; Jan. 11.  
 Stop for duplicators, Sheet margin. F. W. Storck. 2,138,682; Nov. 29.  
 Stop for faucets, Fusible. W. Siegert. 2,128,059; Aug. 23.  
 Stop for internal combustion engines, Safety. R. E. Kittredge. 2,131,811; Oct. 4.  
 Stop for take-up blocks, Automatic. E. F. Schuman. 2,135,916; Nov. 8.  
 Stop joint for fluid filled cables. L. Emanuelli. 2,120,889; June 14.  
 Stop light switch. R. S. Adams. 2,127,669; Aug. 23.  
 Stop, Margin-regulating. H. C. Fox. 2,135,177; Nov. 1.  
 Stop, Mechanical positioning. F. W. Storck. 2,128,507; Aug. 30.  
 Stop mechanism. W. I. Holmes. 2,122,096; June 28.  
 Stop mechanism for circular looms, Electrical. F. C. Hale and J. R. Yorke. 2,129,736; Sept. 13.  
 Stop mechanism for knitting machines. M. Wachsman. 2,109,605; Mar. 1.  
 Stop mechanism for knitting machines. M. Wachsman. 2,121,375; June 21.  
 Stop mechanism for knitting machines. J. and M. Wachsman. 2,121,376; June 21.  
 Stop mechanism for machine tools, Combined delayed trip and spindle. H. Horiacher. 2,142,029; Dec. 27.  
 Stop mechanism for presses. D. Smith. 2,134,933; Nov. 1.  
 Stop mechanism for reeling machine. D. Slikker. 2,122,115; June 28.  
 Stop motion for knitting machines. J. W. Hamilton. 2,121,964; June 28.  
 Stop motion for knitting machines. E. H. Newell. 2,140,087; Dec. 13.  
 Stop motion for roving frames. S. J. Adams and W. A. Smith. 2,129,639; Sept. 13.  
 Stop motion, Knot actuated. M. H. Rosenfeld. 2,126,348; Aug. 9.  
 Stop motion system for knitting machines, Electric. J. Steinhart. 2,131,600; Sept. 27.  
 Stop, Phonograph. E. C. Guedon. 2,132,615; Oct. 11.  
 Stop, Stick. D. H. Montgomery and A. H. Jobert. 2,118,014; May 17.  
 Stop, Tubing. C. F. Moseley. 2,108,605; Feb. 15.  
 Stop valve. H. J. Waddell. 2,122,667; July 5.  
 Stopper. C. V. Morgan. 2,115,035; Apr. 26.  
 Stopper and brush, Adhesive container. A. A. Bilbrey. 2,138,319; Nov. 29.  
 Stopper and liquid measuring device, Combined bottle. L. Koukal. 2,141,870; Dec. 27.  
 Stopper and making the same. A. R. Mottur. 2,125,123; July 26.  
 Stopper and measuring device, Combined bottle. L. Koukal. 2,141,871; Dec. 27.  
 Stopper, Bottle. G. A. Klmber. 2,111,069; Mar. 15.  
 Stopper, Cork. J. W. Fay. 2,130,081; Sept. 13.  
 Stopper for bottles, jars, glasses, and the like, Capsule. G. F. M. Pedersen. 2,133,565; Oct. 18.  
 Stopper for use in the conventional manner with lavatories, bathtubs, and the like. E. A. Fredrickson. 2,130,361; Dec. 6.  
 Stopper, Hollow rubber water. H. Rosenthal. 2,117,629; May 17.  
 Stopper, Nonrefillable. C. W. Johnson. 2,125,791; Aug. 2.  
 Stopper, Nonrefillable bottle. E. Greene. 2,126,005; Aug. 9.  
 Stopper, Protective bottle. E. Greene. 2,126,003; Aug. 9.  
 Stopper, Vented. L. J. Barton. 2,132,598; Oct. 11.  
 Stopping device for yarn winding machines. J. S. McAlister and E. C. Sherman. 2,133,711; Oct. 18.  
 Storage and delivery apparatus. W. E. Gilmore. 2,137,822; Nov. 22.  
 Storage and dispensing apparatus for liquefied gases. L. J. White. Re. 20,624; Jan. 11.  
 Storage battery. L. E. Lawrence. 2,110,993; Mar. 15.  
 Storage battery. G. Wheat. 2,111,347; Mar. 15.  
 Storage battery separator. L. E. Wells. 2,117,382; May 17.  
 Storage cabinet, Cold. W. Kern. 2,119,332; May 31.  
 Storage cabinet, Control equipment. W. L. Hauck. 2,129,495; Sept. 6.  
 Storage for granular materials, Bulk. J. H. Menau and J. J. Neuman. 2,184,948; Nov. 1.  
 Storage for motor cars. M. A. Kend. 2,113,986; Apr. 12.  
 Storage for sweet potatoes and other vegetable crops for industrial utilization, Form of. F. H. Thurber. 2,119,612; June 7.  
 Storage plant and storing cotton and the like. O. F. Bledsoe. 2,139,182; Dec. 6.  
 Storage tank. J. M. Chittim. 2,131,270; Sept. 27.  
 Storage tank. A. A. Kramer. 2,126,996; Aug. 16.  
 Storage tank. B. P. McDaniel and H. E. Gingrich. 2,135,724; Nov. 8.  
 Storage tank. T. E. Stockdale. 2,108,784; Feb. 15.  
 Store equipment. C. R. Wagener and A. J. Faulhaber. 2,112,185; Mar. 22.  
 Store front construction. J. J. Bosshard. 2,107,323; Feb. 8.  
 Store front construction. C. J. Bristow. 2,106,885; Feb. 1.  
 Store front construction. W. Owen. 2,114,722; Apr. 19.  
 Store front construction. F. J. Plym. 2,124,353-5; July 19.  
 Store front construction. F. J. Plym. 2,138,586; Nov. 29.  
 Store front construction. W. Stahl. 2,141,564; Dec. 27.  
 Store front construction. E. F. Toney. Re. 20,681; Mar. 29.  
 Storm center locator. B. T. Rodd and G. E. Judd. 2,141,696; Dec. 27.  
 Stove. J. H. Albrecht and C. G. Yarn. 2,113,012; Apr. 5.  
 Stove. C. Ehret. 2,141,741-2; Dec. 27.  
 Stove. C. F. Gatons and L. J. Hausser. 2,127,970; Aug. 23.  
 Stove. F. E. Hughes. 2,104,994; Jan. 11.  
 Stove. B. B. Kahn. 2,119,012; May 31.  
 Stove. B. B. Kahn. 2,132,737; Oct. 11.  
 Stove. B. B. Kahn. 2,138,925; Dec. 6.  
 Stove. B. B. Kahn and C. J. Hake. 2,123,699; July 12.  
 Stove. J. D. Robinson. 2,129,371; Sept. 6.  
 Stove. A. G. Sherman and H. E. Mills. 2,133,835; Oct. 18.  
 Stove. B. W. Tullis. 2,123,293; July 12.  
 Stove. R. S. Weston. 2,117,779; May 17.  
 Stove. H. R. Willson. 2,137,469; Nov. 22.  
 Stove and appliances, Gas. P. F. Cabrera. 2,115,007; Apr. 26.  
 Stove and method of constructing and assembling, Cabinet. A. G. Sherman. 2,140,408; Dec. 13.  
 Stove, Camp. D. H. Bitney. 2,122,275; June 28.  
 Stove, Camp. C. E. Brown. 2,133,421; Oct. 18.  
 Stove, Camp. G. A. Halter. 2,113,082; Apr. 5.  
 Stove, Collapsible. W. F. Sivey. 2,119,799; June 7.  
 Stove, Combination heating and cooking. L. A. Althoff. 2,110,641; Mar. 8.  
 Stove, Combination heating and cooking. L. A. Althoff. 2,114,772; Apr. 19.  
 Stove construction. A. K. Weiskittel. 2,130,167; Sept. 13.  
 Stove construction, Electric. W. E. Gundelinger. 2,133,508; Oct. 18.  
 Stove, Cooking. W. D. Antrim and A. W. Schlemmer. 2,107,972; Feb. 8.  
 Stove, Cooking. M. G. Klemme. 2,110,708; Mar. 8.  
 Stove door. W. F. Rogers. 2,110,176; Mar. 8.  
 Stove, Electric. A. O. Samuels. 2,127,425; Aug. 16.  
 Stove, Folding camp. P. Sather, Jr. 2,140,924; Dec. 20.  
 Stove, Folding electric. C. P. Lent. 2,105,814; Jan. 18.  
 Stove, Heating. W. F. Pogue. 2,124,120; July 19.  
 Stove, Heating. G. M. Taylor. 2,104,212; Jan. 4.  
 Stove, Heating cook. L. Gilbert. 2,104,617; Jan. 4.  
 Stove operating mechanism. J. F. Koca. 2,111,862; Mar. 22.  
 Stove or range, Cooking. J. Teller and A. P. Schulz. 2,116,854; May 10.  
 Stove plate with reinforced expandable sectors. A. O. Samuels. 2,127,426; Aug. 16.  
 Stove, Portable. A. J. Yeager. 2,105,340; Jan. 11.  
 Stove top. H. H. Turner. 2,109,039; Feb. 22.  
 Stove top. H. H. Turner. 2,111,824; Mar. 22.  
 Stovepipe coupling. E. S. Cornell, Jr. 2,120,211; June 7.  
 Stoves, Cleanout device for. E. F. Fales, Sr. 2,141,812; Dec. 27.  
 Stowing and presenting for access of such articles as typewriters, sewing machines, or other apparatus, Ready. A. M. Coleman, C. C. Biter and G. A. Lee. 2,136,275; Nov. 8.  
 Straightedge. A. J. Hope. 2,110,877; Mar. 15.  
 Straightedge tool. W. B. Petree. 2,127,617; Aug. 23.  
 Straight lift pumping jack. A. N. Porter. 2,115,872; May 3.  
 Straight line connector. W. D. Kyle. 2,120,469; June 14.  
 Straightener for woven material. C. W. La Pierre and F. B. Menger. 2,106,612; Jan. 25.  
 Straightening machine. B. H. Urschel. 2,115,474; Apr. 24.  
 Strain or suspension clamp. A. McLachlan. 2,139,415; Dec. 6.  
 Strain relief for electrical appliance cords. C. H. Willmot. 2,110,867; Dec. 20.  
 Strainer. M. G. Biberthaler and W. R. Becher. 2,123,327; July 12.  
 Strainer. A. L. Freedlander. 2,127,397; Aug. 16.  
 Strainer. J. H. Goldman. 2,115,577; Apr. 26.  
 Strainer, Air. C. C. Farmer. 2,114,341; Apr. 19.  
 Strainer, Air. C. C. Farmer. 2,132,940; Oct. 11.



- Strainer, Antifreeze air. E. E. Hewitt. 2,140,626; Dec. 20.
- Strainer, Automatic fluid. T. E. Haught. 2,119,433; May 31.
- Strainer, Continuous flow. H. J. C. Wells. 2,125,532; Aug. 2.
- Strainer, Convertible sink. A. N. Pasman. 2,107,126; Feb. 1.
- Strainer for cooling systems of internal combustion engines. J. Hromadka. 2,118,510; May 24.
- Strainer for insertion in the mouths of liquid containers, Portable. E. B. Ekdahl. 2,106,453; Jan. 25.
- Strainer for wells. L. A. Layne. 2,120,983; June 21.
- Strainer lid for milk pails. E. G. Frushour. 2,120,893; June 14.
- Strainer, pump, and pressure regulating unit. W. Czarnecki. 2,108,432; Feb. 15.
- Strainer support. A. M. Hunter. 2,112,990; Apr. 5.
- Strainer, Well. D. L. McDonald. 2,109,731; Mar. 1.
- Straining and comminuting apparatus, Combined. C. H. Nordell. 2,106,851; Feb. 1.
- Strand feeding mechanism for knitting machines. R. H. Coleman. 2,128,453; Aug. 30.
- Strand former for parallel wire cables. D. S. Fine. 2,118,187; May 24.
- Strand forming device. T. H. Clack. 2,112,395; Mar. 29.
- Strand handling apparatus. S. E. Brillhart. 2,119,570; June 7.
- Strand handling apparatus. V. L. Johannessen. 2,105,920; Jan. 18.
- Strand handling apparatus. F. V. Johnson and E. U. Rice. 2,111,630; Mar. 22.
- Strand handling apparatus. R. Pash. 2,123,254; July 12.
- Strand, Making a coiled metallic. J. W. Gottschalk and S. W. Grater. 2,104,713; Jan. 4.
- Strand material, Orienting. J. L. Blackshaw. 2,132,457; Oct. 11.
- Strand winding apparatus. H. H. Merwin. 2,134,369; Oct. 25.
- Strand wrapping machine. E. G. Parvin. 2,114,400; Apr. 19.
- Stranded elements, Manufacture of. A. E. Brickman and G. A. Gleason. 2,113,674; Apr. 12.
- Stranded member formed of wire or metal strip, particularly applicable to electric conductors. P. V. Hunter, and H. Hill. 2,122,911; July 5.
- Stranded structures with fittings, Providing. O. J. Bratz. 2,137,712; Nov. 22.
- Stranding, cabling, and rope making machines, Automatically stopping. J. H. Larmuth. 2,113,698; Apr. 12.
- Strands and cables on poles, Shifting. M. H. L. Jacobsen. 2,130,464; Sept. 20.
- Strands, Apparatus for handling. B. K. Ford. 2,126,250; Aug. 9.
- Strands, Apparatus for handling. F. V. Johnson and R. R. Nydegger. 2,106,803; Feb. 1.
- Strands, Method of and apparatus for combining. H. S. Keating. 2,114,496; Apr. 19.
- Strands with flock, Method and apparatus for coating. S. C. Lilley and M. S. Fowler. 2,115,079; Apr. 26.
- Strap: See—  
Shoulder strap.
- Strap adjusting device, Accordion. J. M. Bolster. 2,134,854; Nov. 1.
- Strap and end connector therefor, Wrist watch and bracelet. J. Kreisler and A. Szeglin. 2,133,546; Oct. 18.
- Strap end connecting device. H. F. Shindel. 2,112,742; Mar. 29.
- Strap for antiskid devices and the like, Stop on. A. F. Roth. 2,120,264; June 14.
- Strap for leggings, gaiters and the like, Adjustable. L. Horowitz. 2,104,369; Jan. 4.
- Strap, Hand. G. R. Munro and W. C. Dilg. 2,137,622; Nov. 22.
- Strap, Lug. W. I. Bullard. 2,123,132; July 5.
- Strap, Lug. F. E. Douglas. 2,139,446; Dec. 6.
- Strap, Lug. H. E. Wilson. 2,115,476; Apr. 26.
- Strap stretching tool. H. C. Bristol, R. V. Sanford, and H. C. Doolittle. 2,117,015; May 10.
- Strap, Supporting. A. Rydquist. 2,114,542; Apr. 19.
- Strap, Suspension. C. Graham. 2,118,378; May 24.
- Strapping machine. H. J. Taplin. 2,135,920; Nov. 8.
- Strata in wells, Plugging porous. C. Irons. 2,121,036; June 21.
- Strata traversed by a bore hole, Method and arrangement for the electrical survey of the. C. Schlumberger. 2,141,826; Dec. 27.
- Straw, Drinking. L. Wright. 2,128,448; Aug. 30.
- Straw fibers and other elongated members, Method of and apparatus for paralleling. G. A. Lowry. 2,130,353; Sept. 20.
- Straw manufacturing apparatus, Drinking. H. Schoen and T. Pletcher. 2,128,564; Aug. 30.
- Straw spreader attachment. L. Luellen. 2,126,121; Aug. 9.
- Stray compensation in tuned antennae. W. Kautter. 2,109,536; Mar. 1.
- Stray grass cutter. F. W. and L. C. Barker. 2,139,349; Dec. 6.
- Streamer adapted for towing by aircraft. C. D. Young. 2,112,204; Mar. 22.
- Streamlined vehicle. J. A. Andreau. 2,128,687; Aug. 30.
- Streamlines of a fluid, Materializing the. H. Redon. 2,134,890; Nov. 1.
- Street and road sign. J. W. Weigele and M. Caminetz. 2,125,475; Aug. 2.
- Street light. P. A. Cullman. 2,133,377; Oct. 18.
- Strength tester, Bending. L. Howe. 2,131,805; Oct. 4.
- Strength testing machine. W. Rabkin. 2,140,331-2; Dec. 13.
- Stretchers and splicer, Wire. W. J. Alexander. 2,130,477; Sept. 20.
- Stretcher, bed, cot, and the like. T. Robinson. 2,118,780; May 24.
- Stretcher, Cap cover. D. A. Seiler. 2,107,961; Feb. 8.
- Stretcher, Carpet. J. C. Owens. 2,108,506; Feb. 15.
- Stretcher, Curtain. W. Beight. 2,126,606; Aug. 9.
- Stretcher for footwear. P. L. Lazarus. 2,111,669; Mar. 22.
- Stretcher for uniform cap covers. R. H. Lake. 2,105,047; Jan. 11.
- Stretcher, Garment. H. E. Mueller. 2,113,032; Apr. 5.
- Stretcher, Glove. C. R. Clyde. 2,123,523; July 12.
- Stretcher, Hospital. J. S. Rickard. 2,127,309; Aug. 16.
- Stretcher, Shoe. F. Cirelli. 2,107,140; Feb. 1.
- Stretcher, Shoe. A. Panos. 2,104,839; Jan. 11.
- Stretcher topping and take-off bar for elastic hosiery welts and the like. E. A. Mohr. 2,139,130; Dec. 6.
- Stretcher, Wire fence. C. L. De Lay. 2,129,569; Sept. 6.
- Stretching and fitting device. J. Petty. 2,121,822; June 28.
- Stretching and fitting device. J. Petty. 2,123,199; July 12.
- Stretching apparatus for screen cloths. G. A. Overstrom. 2,136,950; Nov. 15.
- Street sign. W. M. Taylor. 2,114,943; Apr. 19.
- String, Racket. F. D. Chittenden and H. Manchester. 2,118,164; May 24.
- String releasing means for bows. I. H. Baker. 2,133,650; Oct. 18.
- Stringed instrument. A. G. Rorg. 2,141,735; Dec. 27.
- Stringed instrument, Amplifying. R. W. Robertson. 2,139,099; Dec. 6.
- Strip and using it, Saddle staple. G. F. Leslie. 2,127,665; Aug. 23.
- Strip, Coiled pin tag. F. Kohnle. 2,112,627; Mar. 29.
- Strip cutting and applying machine. N. Fries. 2,105,726; Jan. 18.
- Strip feed mechanism for record machines. J. F. Shepard, C. J. Manuel, and W. A. Pringle. 2,127,704; Aug. 23.
- Strip feeding and fabricating movements, Method and apparatus for synchronizing. E. H. Hall. 2,136,210; Nov. 8.
- Strip feeding mechanism. G. R. Anderson. 2,123,350; July 12.
- Strip feeding mechanism. H. M. Stoller. 2,116,586; May 10.
- Strip for concrete roadways and pavements, Parting. E. W. Burgess. 2,118,340; May 24.
- Strip for harvesters, Endless conveying. S. V. Hansson. 2,108,486; Feb. 15.
- Strip for pants and other garments, Grip. N. A. Gladstone. 2,137,396; Nov. 22.
- Strip forming apparatus. J. S. Reid. 2,107,585; Feb. 8.
- Strip, Group test. F. G. Pratt. 2,105,226; Jan. 11.
- Strip guiding attachment for sewing machines. D. Shpater. 2,120,911; June 14.
- Strip, Manufacture of beveled edge. J. W. Sheperdson. 2,120,473; June 14.
- Strip material, Method and apparatus for coating. C. W. Leguillon. 2,127,413; Aug. 16.
- Strip, Molded core. E. R. Creamer. 2,108,981; Feb. 22.
- Strip, Molding. E. K. Pilcher. 2,116,846; May 10.
- Strip mounting device for windows. J. Rentler. 2,126,043; Aug. 9.
- Strip, Permanent joint. C. A. Johnson. 2,123,468; July 12.
- Strip, Photographic. A. S. Howell. 2,114,187; Apr. 12.
- Strip, Producing a staple. M. Vogel. 2,125,211; July 26.
- Strip reel. J. N. Whalen. 2,125,660; Aug. 2.
- Strip rolling, Hot. R. L. Leffler. 2,108,379; Feb. 15.
- Strip, Roofing. W. B. Robinson. 2,110,579; Mar. 8.
- Strip, Sealing. J. F. Johnston. 2,113,152; Apr. 5.
- Strip, Tacking. L. Daly and F. X. Meiners. 2,131,704; Sept. 27.
- Strip, Tacking. J. S. Reid. 2,137,460; Nov. 22.
- Strip, Terminal. H. W. Goff. 2,107,751; Feb. 8.
- Strip uncoiler. H. H. Talbot and M. P. Sieger. 2,140,928; Dec. 20.
- Strip uncoiler cradle. A. J. Wardle. 2,122,674; July 5.
- Strip, Weather and carpet. L. E. Voorhees. 2,108,459; Feb. 15.
- Strip, Window finish. C. H. Widman and A. H. Haberstump. 2,127,499; Aug. 23.
- Strip wrapping machine, Tear. J. A. Neumair. 2,130,775; Sept. 20.
- Striper, Paint. L. W. Coombs. 2,122,858; July 5.
- Stripes, Mechanism for and method of knitting wrap. R. H. Lawson and I. H. C. Green. 2,111,492; Mar. 16.
- Stripping tool. J. Urban. 2,108,952; Feb. 22.
- Stripper for drum driers. H. T. Hershey. 2,117,958; May 17.
- Stripper for wells, Tubing and casing. C. R. Phillips. 2,128,593; Aug. 30.



- Stripping. D. Roberts. 2,121,827; June 28.  
 Stripping process. C. H. Hempel. 2,127,469; Aug. 16.  
 Strips, Apparatus for making composition. A. C. Fischer. 2,132,152; Oct. 4.  
 Strips, Apparatus for making composition. A. C. Fischer. 2,133,441; Oct. 18.  
 Strips from ceilings and the like, Device for suspending. D. W. Mealey. 2,123,589; July 12.  
 Strips, Joining metal. W. J. Fiegel. 2,123,626; July 12.  
 Strips, Method and apparatus for annealing. L. Wilson. 2,109,204; Feb. 22.  
 Strips, Method and apparatus for extruding metal. S. W. Sparks. 2,133,874; Oct. 18.  
 Strips of material, Fastening. C. A. Woodward. 2,126,161; Aug. 9.  
 Strips of workable material and apparatus therefor, Ornamenting. B. Spitz. 2,114,435; Apr. 19.  
 Strips or sheets to presses or other machines, Automatic apparatus for feeding. I. Patrick. 2,138,306; Nov. 29.  
 Strips to sheet material, Apparatus for applying decorative. A. E. Collins. 2,135,385; Nov. 1.  
 Stroboscope. F. Hamacher. 2,133,138; Oct. 11.  
 Stroboscopic apparatus. A. A. Kucher and F. E. Gray. 2,127,605; Aug. 23.  
 Stroboscopic device for checking and adjusting meters. G. E. Maillat. 2,123,115; July 5.  
 Strongbox. D. Passalacqua. 2,109,928; Mar. 1.  
 Strontium carbonate, Producing. H. G. Elledge and A. Hirsch. 2,106,131; Jan. 18.  
 Stopper, Safety razor blade. C. L. James. 2,109,747; Mar. 1.  
 Structural assembly. V. Jacobson. 2,121,432; June 21.  
 Structural assembly. E. J. W. Ragsdale. Re. 20,689; Apr. 5.  
 Structural assembly and making the same. G. E. Shipway. 2,116,452; May 3.  
 Structural element. C. H. Miller. 2,123,853; July 12.  
 Structural elements to concrete supporting bodies, Anchoring. R. J. De Wees. 2,108,107; Feb. 15.  
 Structural member. B. S. Ferguson. 2,129,466; Sept. 6.  
 Structural member. G. G. Greulich. 2,119,708; June 7.  
 Structural member and manufacture thereof. L. W. Cross. 2,141,642; Dec. 27.  
 Structural member, Composite. J. D. Sherman, C. S. Reed, and O. C. Currie. 2,134,674; Oct. 25.  
 Structural member, Welded. G. G. Greulich. 2,108,373; Feb. 15.  
 Structural members, Apparatus for fabrication of composite. E. D. Coddington. 2,110,080; Mar. 1.  
 Structural steel system. A. Henderson. 2,114,901; Apr. 19.  
 Structural support. G. H. Kehr and F. J. Ertel. 2,123,366; July 12.  
 Structural unit. H. A. Faber. 2,129,369; Sept. 6.  
 Structural unit. J. McDonough. 2,108,635; Feb. 15.  
 Structural unit and making the same, Composite. H. N. Atwood. 2,126,711; Aug. 16.  
 Structural units, Making. F. F. Becker. 2,131,883; Oct. 4.  
 Structure and assembly of converters. R. C. Lassiat. 2,108,069; Feb. 15.  
 Structure and blank therefor, Miniature. H. P. Luhn. 2,141,399; Dec. 27.  
 Structure and making the same, Layered. A. E. Meade. 2,118,565; May 24.  
 Structure and preparing same, Laminated. W. H. Charch and D. B. Maney. 2,128,635; Aug. 30.  
 Structure for driving spinning blades, Simplified. T. Sato. 2,141,319; Dec. 27.  
 Structures and apparatus therefor, Making and assembling laminated. E. L. Barrett. 2,121,851; June 28.  
 Structures by direct casting, Formation of encased. E. B. Hudson. 2,128,943; Sept. 6.  
 Strut, Collapsible. J. F. Wallace. 2,106,289; Jan. 25.  
 Strut for aircraft, Shock absorbent. J. H. Onions and P. W. Thornhill. 2,107,494; Feb. 8.  
 Strut, Shock. C. V. Johnson. 2,130,885; Sept. 20.  
 Strut, Shock. F. M. Smith. 2,124,087; July 19.  
 Strut, Shock. K. W. Warren. 2,130,914; Sept. 20.  
 Stud. E. D. Coddington. 2,104,506; Jan. 4.  
 Stud and joist, Metal. C. E. Dellenbarger and M. Manist. 2,140,313; Dec. 13.  
 Stud and rafter. A. Taftter. 2,129,624-5; Sept. 6.  
 Stud setter. C. I. Hessa. 2,105,788; Jan. 18.  
 Stud to be sewn, Collar. H. Lewy. 2,105,287; Jan. 11.  
 Studding construction for prefabricated houses and buildings. R. W. McLaughlin, Jr. 2,113,067; Apr. 5.  
 Studding, Fireproof. W. G. Hurlbert, Jr. 2,126,962; Aug. 16.  
 Studio couch. E. E. Woller. 2,139,923; Dec. 13.  
 Studio lamp. C. Bardwell, C. R. Erickson, and J. C. Rose. 2,109,056; Feb. 22.  
 Stuff treatment apparatus. J. T. Coghill. 2,114,101; Apr. 12.  
 Stuffing and sealing machine. W. E. Rosebush. 2,114,814; Apr. 19.  
 Stuffing box. V. L. Andrew. 2,119,033; May 31.  
 Stuffing box. J. J. Betzold. 2,113,289; Apr. 5.  
 Stuffing box. J. B. McJain. 2,130,741; Sept. 20.  
 Stuffing box. J. D. Nixon and C. H. Lee. 2,132,162; Oct. 4.  
 Stuffing box. K. T. and A. J. Penick. 2,141,401; Dec. 27.  
 Stuffing box. A. Pranger. 2,110,244; May 31.  
 Stuffing box. W. B. Rhees. 2,111,733; Mar. 22.  
 Stuffing box, Self-lubricating. H. L. Mitchell. 2,136,860; Nov. 15.  
 Stuffs, Enhancing the elasticity and softness of albuminous artificial. S. Morgenstern and J. Eggert. 2,112,728; Mar. 29.  
 Stuffs soft and elastic, Procedure to render albuminous artificial. W. Schrauth. 2,137,006; Nov. 15.  
 Stylograph. J. Donner and F. Jancsó. 2,136,967; Nov. 15.  
 Stylus facing sheet assembly. G. A. Giles. 2,106,481; Jan. 25.  
 Styrene and related compounds, Production of. R. R. Dreisbach. 2,110,829; Mar. 8.  
 Styrene, Polymerizing. G. L. Dorrough and G. D. Graves. 2,137,393; Nov. 22.  
 Styrenes, Production of. H. Mark and C. Wulff. 2,110,833; Mar. 8.  
 Sub and grand total mechanism. W. W. Lasker. 2,124,176; July 19.  
 Sub-compartment and closure for receptacles, Removable. I. L. Wilcox. 2,110,616; Mar. 8.  
 Subdrainage pipe, Lock-joint. D. B. Dimick. 2,135,103; Nov. 1.  
 Subgrader, Canal and road. V. Bressi and N. F. Jahn. 2,119,664; June 7.  
 Subirrigation device. W. E. Watkins. 2,105,800; Jan. 18.  
 Submarine. E. H. Jennings. 2,118,466; May 24.  
 Submarine cable. E. Studt. 2,122,118; June 28.  
 Submarine deposits, Recovering. H. A. Payton. 2,132,800; Oct. 11.  
 Submerged centrifugal pump. J. J. Bradley. 2,138,997; Dec. 6.  
 Submerged combustion burner. T. S. See, J. E. Tegarden, and A. Williams. 2,118,479; May 24.  
 Submerged motor. L. L. Schauer and J. H. McKewen. 2,108,780; Feb. 15.  
 Submersible motor. W. Dolgoff. 2,124,610; July 26.  
 Substance promoting lactation, Preparing a. C. L. Lautenschläger and W. Ludwig. 2,125,508; Aug. 2.  
 Substance, Fusing hydrated. L. G. Black. 2,122,634; July 5.  
 Substances, Apparatus for compressing finely divided. A. D. Whipple. 2,122,874; July 5.  
 Substances containing tantalum and/or niobium, Treatment of. J. P. Leemans. 2,131,350; Sept. 27.  
 Substances containing tantalum and/or niobium, Treatment of. J. P. Leemans. 2,140,800; Dec. 20.  
 Substances in the condition of sludge and for evaporating solutions, Drying. H. Wendeborn. 2,119,615; June 7.  
 Substances producing fluorescence. H. Rabe. 2,111,126; Mar. 15.  
 Substances which contain liquids, Method of and apparatus for drying. J. G. V. Gentile. 2,132,897; Oct. 11.  
 Substation protector. R. G. Sands. 2,106,902; Feb. 1.  
 Substation protector. R. G. Sands. 2,111,490; Dec. 27.  
 Subsurface, Apparatus for electrical exploration of. J. J. Jakosky. 2,137,650; Nov. 22.  
 Subsurface prospecting device. J. C. Bender. 2,133,776; Oct. 18.  
 Subtracting device. H. H. Keen. 2,116,661; May 10.  
 Subways and like underground structures, Constructing. R. H. Burke. 2,128,284; Aug. 30.  
 Sucrose octanitate, Purification of. J. A. Wyler. 2,105,390; Jan. 11.  
 Suction apparatus. W. Roy. 2,135,148; Nov. 1.  
 Suction cleaner. B. C. Becker. 2,114,099; Apr. 12.  
 Suction cleaner. B. C. Becker. 2,139,146; Dec. 6.  
 Suction cleaner. S. R. Cummings. 2,130,484; Sept. 20.  
 Suction cleaner. D. L. Glass. 2,112,285; Mar. 29.  
 Suction cleaner. F. A. Grothe. 2,126,383; Aug. 9.  
 Suction cleaner. A. Juelson. 2,114,780; Apr. 19.  
 Suction cleaner. J. B. Kirby. 2,107,571; Feb. 8.  
 Suction cleaner. J. B. Kirby. 2,109,621; Mar. 1.  
 Suction cleaner. W. H. Kitto. 2,126,396; Aug. 9.  
 Suction cleaner. E. F. Martinet. 2,120,011; June 7.  
 Suction cleaner. W. D. Sellers. 2,117,368; May 17.  
 Suction cleaner. W. D. Sellers and B. Babcock. 2,140,143; Dec. 13.  
 Suction cleaner. D. G. Smellie. 2,112,311; Mar. 29.  
 Suction cleaner. D. G. Smellie. 2,114,116; Apr. 12.  
 Suction cleaner. D. G. Smellie. 2,130,513; Sept. 20.  
 Suction cleaner. E. L. Snyder. 2,107,016; Feb. 1.  
 Suction cleaner. U. A. Whitaker, H. B. White and C. H. Taylor. 2,126,362; Aug. 9.  
 Suction cleaner bag. H. S. Demaree and D. G. Smellie. 2,110,013; Mar. 1.  
 Suction cleaner switch. E. F. Martinet. 2,113,700; Apr. 12.  
 Suction gatherer. T. E. Pearson. 2,134,733-4; Nov. 1.  
 Suction handle. S. Kaplan. 2,131,687; Sept. 27.  
 Suction motor. E. V. Hennecke. 2,125,262; July 26.  
 Suction motor. D. Kuskin. 2,140,458; Dec. 13.  
 Suction operated clutch. R. J. Curry. 2,130,877; Sept. 20.  
 Suction pump. A. Fontenot. 2,139,415; Sept. 6.  
 Suction pump. E. C. Horton. 2,116,804; May 10.  
 Suction tip. H. B. Allen. 2,132,283; Oct. 4.  
 Sugar, Affination of. G. T. Reeb. 2,130,028; Sept. 13.  
 Sugar, Controlled grain. R. W. Robinson and A. Olsen, Jr. 2,106,762; Feb. 1.  
 Sugar dispenser. E. B. Foster. 2,128,933; Sept. 6.  
 Sugar juices, Purification of. G. E. G. von Stietz. 2,104,959; Jan. 11.



- Sugar, Manufacturing raw. E. Luque. 2,115,029; Apr. 26.
- Sugar, Process and apparatus for testing for. A. Wright. 2,123,690; July 12.
- Suit, Bathing. J. Cohen. 2,120,173; June 7.
- Suit, Bathing. S. d'Achon. 2,104,943; Jan. 11.
- Suit, Bathing. A. L. Flesh. 2,115,443; Apr. 26.
- Suit, Bathing. D. Watinsky. 2,115,833; May 3.
- Suit, Bathing. D. Watinsky. 2,118,958; May 31.
- Suitcase. E. E. Wilt. 2,138,202; Nov. 29.
- Suit hanger. I. Klein. 2,117,178; May 10.
- Sulphanamides. Preparing. P. Osswald. 2,117,626; May 17.
- Sulphanilamide, Manufacture of. J. Kamlet. 2,111,913; Mar. 22.
- Sulphates and sulphonates, Producing halogenated. W. Schrauth. 2,125,656; Aug. 2.
- Sulphates of polybasic acid esters. J. H. Werntz. 2,121,616; June 21.
- Sulphide ores, Treatment of. C. R. Kuzell. 2,111,789; Mar. 22.
- Sulphides to recover sulphur and metallic oxides therefrom, Treatment of metallic. I. R. McHaffie and D. Tyrer. 2,115,780; May 3.
- Sulphite into an oxide and sulphur dioxide, Converting a. A. D. Singh. 2,141,228; Dec. 27.
- Sulphonamide compounds. W. H. Moss. 2,138,934; Dec. 6.
- Sulphonamides, Aryl mercury. C. B. Andersen. 2,135,553; Nov. 8.
- Sulphonated compound, Spray oil miscible. F. F. Lindstaedt. 2,110,398; Mar. 8.
- Sulphonates, Aryloxy polyalkylene ether. H. A. Bruson. 2,115,192; Apr. 26.
- Sulphonates, Hydroxyaralkylamino organic. H. A. Bruson. 2,112,434; Mar. 29.
- Sulphonates, Purification of petroleum mahogany. G. A. Kessler and M. Blumer. 2,140,263; Dec. 13.
- Sulphonation products of mineral oil, Producing clear light-colored, water-soluble. E. A. Wernicke. 2,121,845; June 28.
- Sulphonation products, Purification of. W. H. McAllister. 2,108,755; Feb. 15.
- Sulphone-ethylamines, Production of. H. Ufer. 2,140,609; Dec. 20.
- Sulphones and tanning agents, Aromatic. J. Schäfer. 2,122,958; July 5.
- Sulphonium bases. F. Münz, K. Keller, and O. Tröskén. 2,110,712; Mar. 8.
- Sulphonium compounds, Manufacture of. H. A. Piggott. 2,121,823; June 28.
- Sulphoxides and sulphones and preparing them, Organic. H. Ufer. 2,140,608; Dec. 20.
- Sulphur colors by thiazination. A. J. Johnson, and G. C. Strouse. 2,125,924; Aug. 9.
- Sulphur compounds from gases, Removing. O. Roelen. 2,110,241; Mar. 8.
- Sulphur compounds from petroleum oil, Removing corrosive. F. M. Archibald. 2,110,283; Mar. 8.
- Sulphur compounds, Producing. W. H. Shiffier and M. M. Holm. 2,138,215; Nov. 29.
- Sulphur compounds, Production of organic. W. Reppe and F. Nicolai. 2,105,845; Jan. 18.
- Sulphur compounds, Production of organic. H. Ufer and O. Hecht. 2,140,569; Dec. 20.
- Sulphur-containing compounds and systems, Stabilization of. M. S. Kharasch. 2,130,321; Sept. 13.
- Sulphur containing protein compounds, Manufacture of. O. Huppert. 2,112,210; Mar. 22.
- Sulphur content of industrial gases, Recovery and conversion of the. L. Rosenstein. 2,107,907; Feb. 8.
- Sulphur dioxide from gas mixtures, Recovery of. A. M. Clark. 2,128,027; Aug. 23.
- Sulphur dioxide from sulphite liquors, Process and apparatus for the recovery of. K. L. Springer. 2,137,311; Nov. 22.
- Sulphur dioxide from waste gases, Removing. H. F. Johnstone. 2,134,481; Oct. 25.
- Sulphur dioxide obtained from acid sludge, Purification and concentration of. H. F. Merriam. 2,111,389; Mar. 15.
- Sulphur dioxide, Production of. F. W. Wiedner. 2,118,333; May 24.
- Sulphur dioxide, Recovery of. Conway, Baron von Girssewald, H. Weidmann, and G. Roegner. 2,122,544; July 5.
- Sulphur, Extraction of. R. W. Beattie. 2,118,140; May 24.
- Sulphur halides, Manufacture of alkyl. W. A. Schulze. 2,123,082; July 5.
- Sulphur in mixtures containing the same, Determining the amount of. R. G. Mewborne and J. F. Les Veaux. 2,124,307; July 19.
- Sulphur monochloride-nitrile reaction products and preparing them. A. W. Ralston. 2,125,853; Aug. 2.
- Sulphur, Preparation of dispersible. A. D. Chambers and J. H. Sachs. 2,111,552; Mar. 22.
- Sulphur, Process and apparatus for mining. C. O. Lee. 2,137,619; Nov. 22.
- Sulphur, Production of. H. Baehr and W. Gross. 2,123,224; July 12.
- Sulphur, Production of precipitated. W. H. Shiffier and P. S. Danner. 2,138,214; Nov. 29.
- Sulphur purification. J. B. Ceccon. 2,113,230; Apr. 5.
- Sulphur, Recovery of. E. Klepetko and L. G. Wright. 2,121,544; June 21.
- Sulphuric derivatives of higher alcohols. H. Bertsch. 2,114,042; Apr. 12.
- Sundae package. F. T. Krein. 2,104,805; Jan. 11.
- Sunglass. J. Verre. 2,139,213; Dec. 6.
- Sunshade. L. G. Brown. 2,119,803; June 7.
- Sunshade. W. B. Cast. 2,113,827; Apr. 12.
- Sunshade for automobiles. J. B. Buell. 2,116,961; May 10.
- Supercharged engine, Two-cycle solid-fuel injection. E. Moore. 2,126,270; Aug. 9.
- Supercharged furnace. R. Anxionnaz. 2,112,391; Mar. 29.
- Super-charger. J. H. Kowitt. 2,114,783; Apr. 19.
- Supercharger arrangement. C. H. Auger. 2,117,131; May 10.
- Supercharger for gas engines. W. F. Stanton. 2,134,742; Nov. 1.
- Supercharger, Gas turbine driven. B. Hoffmann. 2,109,997; Mar. 1.
- Supercharger, Two-speed. D. G. MacCulloch. 2,110,711; Mar. 8.
- Superheat by gas mass flow, Method and apparatus for control of. C. E. Lucke. 2,131,058; Sept. 27.
- Superheater. F. I. Epley. 2,104,155; Jan. 4.
- Superheater. H. J. Kerr. 2,133,991; Oct. 25.
- Superheater. W. G. Knight. 2,110,334; Mar. 8.
- Superheater boiler. G. P. Jackson. 2,126,260; Aug. 9.
- Superheater boiler. T. B. Stillman. 2,124,215; July 19.
- Superheating apparatus. C. S. Turner. 2,119,451; May 31.
- Superheterodyne converter network. W. van B. Roberts. 2,104,100; Jan. 4.
- Superheterodyne receiver. J. K. Johnson. 2,115,463; Apr. 26.
- Superheterodyne receiver. K. Schlesinger. 2,114,615; Apr. 19.
- Superheterodyne receiver. K. Schlesinger. 2,131,194; Sept. 27.
- Superheterodyne receiver circuit. M. G. Clay. 2,128,556; Aug. 30.
- Superheterodyne receiving system. J. Plebanski. 2,135,051; Nov. 1.
- Superphosphate, Making double or treble calcium and magnesium. W. H. MacIntire. 2,137,674; Nov. 22.
- Superphosphate, Manufacture of. S. G. Nordengren. 2,106,223; Jan. 25.
- Superphosphate, Treatment of. W. H. Gabeler, A. C. Wilson, T. O. Tongue, and M. Shoeld. 2,136,793; Nov. 15.
- Supervision device for variations of temperature. R. J. Jordi. 2,126,115; Aug. 9.
- Supervisory control system. H. P. Boswau. 2,139,352; Dec. 6.
- Supervisory control system. C. E. Stewart and L. D. White. 2,135,295; Nov. 1.
- Supervisory control system. L. D. White. 2,125,093; July 26.
- Supplementary device for binocular range finders. O. Freund. 2,106,632; Jan. 25.
- Supply circuit. A. M. Curtis. 2,131,585; Sept. 27.
- Support: See—
- Adjustable back support.
  - Aerial cable support.
  - Anode support.
  - Antenna support.
  - Arch support.
  - Bar support.
  - Bathtub support.
  - Belt support.
  - Blind headrail support.
  - Bobbin support.
  - Book support.
  - Brake beam safety support.
  - Brake beam support.
  - Breast support.
  - Bust support.
  - Camera support.
  - Casket overlay support.
  - Casket support.
  - Cleaner support.
  - Clothesline support.
  - Coat hanger and pants support.
  - Concrete key strip support.
  - Conductor support.
  - Current conductor support.
  - Curtain support.
  - Deck lid support.
  - Display support.
  - Drapery and shade support.
  - Easel display support.
  - Electrode support.
  - Fire extinguisher support.
  - Fixture support.
  - Flatiron support.
  - Flexible engine support.
  - Funnel support.
  - Furniture support.
  - Garment support.
  - Golf bag support.
  - Heading support.
  - Heel support.
  - Hemorrhoidal and rectal support.
  - Hose support.
  - Insole arch support.
  - Interconnecting support.
  - Iron support.
  - Leg support.
  - Lid support.
  - Loom filling carrier tip support.
  - Lug strap support.
  - Manifolding ribbon support.
  - Mudguard support.
  - Neon tube support.
  - Outboard swivel support.
  - Os calsis support.
  - Packing support.
  - Paper roll support.
  - Paper web support.
  - Pipe-line support.
  - Pipe support.
  - Plant support.
  - Portable work support.
  - Pull rod support.
  - Razor blade support.
  - Resilient support.
  - Screed support.
  - Seat support.
  - Self-righting support.
  - Shade and curtain support.
  - Shade support.
  - Shaft support.
  - Shelf support.
  - Shell support.
  - Shoe display support.
  - Sign support.
  - Strainer support.



Support: See—

Structural support. Trousers support.  
 Tank support. Tube support.  
 Tool support. Work support.  
 Trolley wire support.

Support. L. J. Burke. 2,122,999; July 5.  
 Support. W. J. Combs and O. O. Mann. 2,123,329; July 12.  
 Support. P. Galt. 2,113,882; Apr. 12.  
 Support. C. H. Maiben. 2,139,837; Dec. 13.  
 Support. J. J. Taylor. 2,135,361; Nov. 1.  
 Support. J. Zagora. 2,115,898; May 3.  
 Support and gauge for curtain rods. N. Terzo. 2,109,346; Feb. 22.  
 Support and hair covering for earphones. E. P. Donohoe. Re. 20,871; Oct. 4.  
 Support and holder for flower pots, Combined drainage. H. W. Brown. 2,120,599; June 14.  
 Support and installation thereof, Shelf. C. C. Wilson. 2,141,892; Dec. 27.  
 Support and protector, Combined garment. E. H. Binns. 2,112,009; Mar. 22.  
 Support clip attachment for miniature electric lamps. E. I. Clemance. 2,123,231; July 12.  
 Support for accordions. M. B. Luttbeg. 2,133,356; Oct. 18.  
 Support for ashtrays. A. W. Zeman. 2,140,612; Dec. 20.  
 Support for base plates. G. R. Lum. 2,137,021; Nov. 15.  
 Support for books and the like. J. R. Isberg. 2,104,864; Jan. 11.  
 Support for clotheslines and the like, Adjustable. A. Zetts. 2,131,416; Sept. 27.  
 Support for copying and enlarging cameras. A. Murray. 2,113,309; Ar. 5.  
 Support for curtains, Collapsible. R. R. De Ment. 2,104,416; Jan. 4.  
 Support for dredging conduits. D. W. Oswalt. 2,117,008; May 10.  
 Support for drills, Telescopic. J. P. Schnebly. 2,140,854; Dec. 20.  
 Support for elastic fluid turbines. J. H. Doran. 2,128,805; Aug. 30.  
 Support for electric lamps, Adjustable. H. A. Stock and A. J. Wilmot. 2,116,050; May 3.  
 Support for electrical fixtures and the like. P. Steketee. 2,140,861; Dec. 20.  
 Support for hairpins. R. Sievers. 2,126,051; Aug. 9.  
 Support for lawn sprinklers. H. P. Troendly. 2,105,276; Jan. 11.  
 Support for liquid treating vessels. R. M. Parsons. 2,119,215; May 31.  
 Support for milking machines. H. B. Babson and J. J. Stampen. 2,136,228; Nov. 8.  
 Support for mirrors and like articles. T. C. Keefe. 2,110,229; Mar. 8.  
 Support for mirrors or the like. V. C. Luppert. 2,139,596; Dec. 6.  
 Support for mud guards. E. F. Pawsat. 2,135,218; Nov. 1.  
 Support for paint brushes. J. Akers and K. H. Pearsen. 2,138,812; Dec. 6.  
 Support for paint buckets and the like. O. W. F. Bergstrom. 2,140,045; Dec. 13.  
 Support for projectors, Lamp. S. C. Rogers. 2,107,906; Feb. 8.  
 Support for radiators and the like. J. Kacena. 2,119,256; May 31.  
 Support for receptacles. W. Linden. 2,139,309; Dec. 6.  
 Support for reinforcing steel. F. D. Reiland. 2,106,576; Jan. 25.  
 Support for routing machines, Head. A. B. Eckersall. 2,109,263; Feb. 22.  
 Support for shoes, Making and applying an arch. S. Shain. 2,121,176; June 21.  
 Support for the elastic in ball games with attached ball. R. Helmers. 2,128,610; Aug. 30.  
 Support for the graphic arts. M. Dunkle. 2,115,972; May 3.  
 Support for the shaft of power-delivery belt-pulleys, Supplementary. J. Reid. 2,134,263; Oct. 25.  
 Support for toilet bowls, Sanitary. P. J. Sperzel. Re. 20,696; Apr. 12.  
 Support for tubular tungsten filament lamps. M. Dezhenghi. 2,117,655; May 17.  
 Support for upholstered furniture, Resilient sagless. A. C. Hunter. 2,133,747; Oct. 18.  
 Support for window shade rollers. E. A. Clavey. 2,112,206; Mar. 22.  
 Support for windows, Screen. P. Busico and E. Carosella. 2,114,100; Apr. 12.  
 Support for wooden building constructions, Metal. F. R. Walker. 2,130,019; Sept. 13.  
 Support, Lamp. H. G. Hammar. Re. 20,671; Mar. 15.  
 Support, Leg. G. L. Reck. Re. 20,925; Nov. 22.  
 Support mechanism, Axminster tube frame. W. B. Cooper. 2,129,449; Aug. 9.  
 Support or cradle, Adjustable cover. J. T. Ryan. 2,114,575; Apr. 19.  
 Support or the like, Brake beam. C. R. Busch. 2,140,982; Dec. 20.  
 Supporter, Arch. F. Huttleston. 2,123,730; July 12.  
 Supporter, Bust. J. Thibaut. 2,131,337; Sept. 27.  
 Supporter, Garment. D. M. Goodrich. 2,128,583; Aug. 30.

Supporter, Garment. L. Sametz. 2,122,494; July 5.  
 Supporter, Hose. E. K. Bliesath. 2,126,166; Aug. 9.  
 Supporter, Hose. E. H. Reed. 2,115,235; Apr. 26.  
 Supporter, Hose. D. P. Williams. 2,108,461; Feb. 15.  
 Supporter, Milk pail. G. E. Wiese and D. Culwell. 2,104,842; Jan. 11.  
 Supporter, Shoulder strap. W. E. Smith. 2,121,513; June 21.  
 Supporting and display rack. C. W. McAnally, Sr. 2,107,576; Feb. 8.  
 Supporting and elevating means for overhead units. P. A. Scanlon. 2,136,255; Nov. 8.  
 Supporting apparatus. W. E. Schmidt. 2,120,077; June 7.  
 Supporting apparatus for welding operation. G. A. Hughes. 2,104,561; Jan. 4.  
 Supporting bracket. C. A. Doench. 2,137,645; Nov. 22.  
 Supporting clip, Hammer-driven. H. G. Lombard. 2,128,004; Aug. 23.  
 Supporting device. P. H. Meyer. 2,141,009; Dec. 20.  
 Supporting device for the front part of a semitrailer. B. J. van Doorne. 2,112,334; Mar. 29.  
 Supporting device, Hammer-driven. H. G. Lombard. 2,128,005; Aug. 23.  
 Supporting means, Adjustable. W. S. Saunders and T. A. McGregor. 2,126,143; Aug. 9.  
 Supporting means for concrete forms, Reinforcement. S. S. Colt. 2,114,590; Apr. 19.  
 Supporting means for economizers. J. H. Sengstaken. 2,119,113; May 31.  
 Supporting means for floors, Sound deafening. L. C. Schwensen and E. Johnson. 2,131,485; Sept. 27.  
 Supporting means for gyratory sifters. E. G. Berry and C. L. Reimuller. 2,123,876; July 19.  
 Supporting mechanism for locomotives. F. B. Barclay. 2,121,782; June 28.  
 Supporting mechanism for the crown sheave of a drilling machine. J. A. Elmes. 2,121,078; June 21.  
 Supporting member. F. A. Niemann. 2,127,980-1; Aug. 23.  
 Supporting rack. E. E. Fay. 2,130,000; Sept. 13.  
 Supporting rack. R. S. Risdon. 2,120,511; June 14.  
 Supporting structure. D. A. Allee. 2,119,376; May 31.  
 Supporting structure for porcelain enameled pans. J. H. Miner. 2,139,322; Dec. 6.  
 Supporting surface of airplanes and the like aircraft. H. Lumiere. 2,120,760; June 14.  
 Supporting unit. C. F. Engert. 2,133,915; Oct. 18.  
 Surface broaching machine. F. J. Lapointe. 2,129,850; Sept. 13.  
 Surface broaching machine, Rotary. W. A. Hart. 2,123,777; July 12.  
 Surface characterization of workpieces, Determining the. H. V. Törnebohm. 2,138,411; Nov. 29.  
 Surface condenser. J. F. Grace. 2,111,240; Mar. 15.  
 Surface condenser. V. A. Miller and C. S. Olson. 2,111,867; Mar. 22.  
 Surface decorating mechanism. H. F. Gundlach. 2,114,299; Apr. 19.  
 Surface finish and making the same. C. W. Hoffman and J. C. Schmidt. 2,113,449; Apr. 5.  
 Surface for flying machines, Supporting. J. Ksoll. 2,137,879; Nov. 22.  
 Surface grinding machine, Portable. E. G. Moffett. 2,109,827; Mar. 1.  
 Surface of copper and copper alloy castings, Improving the. C. S. Smith. 2,131,719; Sept. 27.  
 Surface of solid metal, Cleaning the. C. H. Lorig. 2,105,439; Jan. 11.  
 Surface, Metallic inlaid friction. C. Bockius, C. S. Batchelor, and J. A. Cook. 2,122,405; July 5.  
 Surface, Preparing a. D. A. Bosley, Jr. 2,117,289; May 17.  
 Surface rod line jack. C. L. Lamb. 2,134,615; Oct. 25.  
 Surface treating apparatus. A. O. Engberg. 2,126,761; Aug. 16.  
 Surface tester. F. H. Benjamin. 2,113,290; Apr. 5.  
 Surface treating apparatus. J. A. Paasche. 2,114,723; Apr. 19.  
 Surface treating glass containers, Apparatus for. A. G. Lauck and J. M. Johnson. 2,109,391; Feb. 22.  
 Surfaces, Apparatus for coating. M. S. North. 2,109,647; Mar. 1.  
 Surfaces, Apparatus for pigmenting. C. A. Wulf. 2,114,973; Apr. 19.  
 Surfaces, Defrosting heat exchanger. W. B. Rorison. 2,117,104; May 10.  
 Surfaces, Metalizing. E. Mall and W. Dorn. 2,139,640; Dec. 6.  
 Surfaces, Method of and apparatus for finishing helical. C. H. Schurr. 2,122,803; July 5.  
 Surfaces of metal articles, Process and compound for coloring the. L. C. Fenwick. 2,138,295; Nov. 29.  
 Surfaces of zinc base, Coating. W. P. Hall. 2,112,024; Dec. 27.  
 Surfaces of zinc base, Coating. W. P. Hall. 2,112,026; Dec. 27.  
 Surfaces on printed work and products thereof, Producing glossy. H. Schaefer. 2,110,682; Mar. 8.  
 Surfaces on wood, Apparatus for producing plastic. W. Clift. 2,113,679; Apr. 12.  
 Surfaces on pipe and the like, Applying noncorrosive. F. L. Carson. 2,120,309; June 14.



- Surfaces, Treating. C. Gaffney. 2,139,306; Dec. 6.  
 Surfacing. T. Robinson. 2,118,526; May 24.  
 Surfacing for wooden buildings, Outside. H. E. Leash. 2,115,270; Apr. 26.  
 Surfacing machine. W. O. Locklin. 2,124,705; July 26.  
 Surfacing machine. H. L. Myers. 2,114,966-7; Apr. 19.  
 Surfacing machine. J. C. Temple. 2,104,062; Jan. 4.  
 Surfacing machine. J. C. Temple. 2,118,276; May 24.  
 Surfacing machine. J. C. Temple. 2,132,661; Oct. 11.  
 Surfacing machine. H. L. Trimble. 2,136,529; Nov. 15.  
 Surfacing material, Composite. A. E. H. Dussek. 2,138,734; Nov. 29.  
 Surfacing plate. V. G. Hecht. 2,135,815; Nov. 8.  
 Surfacing structure and making same. W. G. Farr. 2,118,076; May 24.  
 Surfacing tool. F. G. Bauer. 2,125,709; Aug. 2.  
 Surfboard and propelling means therefor. J. Negri. 2,110,812; Mar. 8.  
 Surge arrester. A. O. Austin. 2,108,465; Feb. 15.  
 Surge suppressor apparatus and system. S. L. Kerr. 2,124,619; July 26.  
 Surgeon's towel clip. F. L. Wilson. 2,111,161; Mar. 15.  
 Surgical apparatus. J. G. H. Liebel and E. S. Flarsheim. 2,107,057; Feb. 1.  
 Surgical apparatus. E. W. Cleary. 2,115,096; Apr. 26.  
 Surgical appliance. J. H. Bacon. 2,129,983; Sept. 13.  
 Surgical appliance. A. B. Kendrick. 2,109,134; Feb. 22.  
 Surgical appliance. L. R. O'Dell. 2,104,699; Jan. 4.  
 Surgical aspirated drainage cup. J. E. Tillotson. 2,122,121; June 28.  
 Surgical chair. J. C. Cornell. 2,130,754; Sept. 20.  
 Surgical decompression apparatus. C. J. Pilling and B. L. Gordon, Jr. 2,140,113; Dec. 13.  
 Surgical device. S. I. Copen. 2,138,626; Nov. 29.  
 Surgical drainage tube. H. M. Dodge. 2,112,737; Mar. 29.  
 Surgical dressing. W. Dahmen. 2,127,552; Aug. 23.  
 Surgical hyperextension frame. E. E. Longfellow. 2,106,150; Jan. 18.  
 Surgical instrument. E. Gauly. 2,117,312; May 17.  
 Surgical instrument. I. Greenwald. 2,137,121; Nov. 15.  
 Surgical instrument. J. O. Peterson. 2,112,447; Mar. 29.  
 Surgical instrument, Adjustable angle. P. P. Grosso. 2,109,147; Feb. 22.  
 Surgical instrument, Combined. D. I. Solomon. 2,127,190; Aug. 16.  
 Surgical pump. H. G. Phelps. 2,105,200; Jan. 11.  
 Surprinting. W. J. Wilkinson. 2,124,680; July 26.  
 Surveying and leveling instrument. D. H. Loosli. 2,113,893; Apr. 12.  
 Surveying instrument. A. Langsner. 2,132,171; Oct. 4.  
 Suspender clip. N. O. Jönsson. 2,132,073; Oct. 4.  
 Suspender connection. J. W. Dick. 2,105,909; Jan. 18.  
 Suspender, Garment. J. W. Dick. 2,105,908; Jan. 18.  
 Suspender holder. S. Apostoluk and F. R. Prina. 2,139,481; Dec. 6.  
 Suspender, Invisible. H. C. Lyons. 2,121,251; June 21.  
 Suspender, Sock. J. Hausmann. 2,114,561; Apr. 19.  
 Suspenders. L. E. Baer. 2,123,984; July 19.  
 Suspenders. F. R. Prina. 2,139,517; Dec. 6.  
 Suspenders. H. Reiter. 2,109,343; Feb. 22.  
 Suspension and driving system for motor vehicles. F. Contardi. 2,109,191; Feb. 22.  
 Suspension arrangement for road vehicles. F. G. G. Armstrong. 2,117,588-90; Mar. 17.  
 Suspension device, Pneumatic. R. W. Brown. 2,133,279; Oct. 18.  
 Suspension device, Pneumatic. J. H. Hunt and H. D. Seelinger. 2,115,072; Apr. 26.  
 Suspension for motor vehicles, Hydraulic. J. A. Alvarez. 2,137,602; Nov. 22.  
 Suspension for vehicles. P. Dupuy and J. Mercier. 2,115,158-9; Apr. 26.  
 Suspension for vehicles. O. Mylius. 2,110,527; Mar. 8.  
 Suspension for vehicles. E. P. Renaux. 2,114,571; Apr. 19.  
 Suspension for vehicles. S. B. Winn. 2,131,083; Sept. 27.  
 Suspension gutter hanger. S. Steckler. 2,109,556; Mar. 1.  
 Suspension, Individual. J. W. Leighton. 2,122,476; July 5.  
 Suspension means for motor vehicles, Resilient. J. and L. Svoboda, and K. Bilek. 2,104,499; Jan. 4.  
 Suspension mounting. R. U. Clark. 2,140,443; Dec. 13.  
 Suspension system for vehicles, Elastic. A. Dubonnet. 2,128,694; Aug. 30.  
 Suspensions, Apparatus for producing. S. J. Wynn. 2,115,056; Apr. 26.  
 Suspensory. J. J. Cartledge. 2,137,130; Nov. 15.  
 Swab. P. A. Thaheld. 2,109,913; Mar. 1.  
 Swab device for wells. W. J. Campbell. 2,135,167; Nov. 1.  
 Swab, Well. F. A. Thaheld. 2,119,252; May 31.  
 Swaging machine. B. L. Benbow. 2,114,171; Apr. 12.  
 Swaging machine. E. Romanelli. 2,126,923; Aug. 16.  
 Swash mechanism. C. B. Redrup. 2,104,391; Jan. 4.  
 Swash plate drive system and the like. H. H. Stinnes and N. Lebedenko. 2,112,934; Apr. 5.  
 Sweater blade, Fly. M. W. Gatch. 2,131,534; Sept. 27.  
 Swatter, Door fly. N. F. Miller. 2,113,057; Apr. 5.  
 Swatter, Extension handle fly. W. Cowen. 2,126,311; Aug. 9.  
 Swatter, Fly. C. L. Bell. 2,104,149; Jan. 4.  
 Swatter, Fly. P. J. Brownson. 2,136,233; Nov. 8.  
 Swatter, Fly. F. H. Klie. 2,134,193; Oct. 25.  
 Sweatband for hats. J. Margulies and D. H. Young. 2,105,980; Jan. 18.  
 Sweater. N. Neuman. 2,135,727; Nov. 8.  
 Sweater set, Twin. W. Berger. 2,119,378; May 31.  
 Swedger. F. A. Ward. 2,130,051; Sept. 13.  
 Sweep circuits. E. Busse, J. van der Mark, and A. Venis. 2,126,243; Aug. 9.  
 Sweep, Hay. F. C. Rohwer. 2,138,711; Nov. 29.  
 Sweeper. F. S. Davis. 2,136,676; Nov. 15.  
 Sweeper, Carpet. S. Miller. 2,121,880; June 28.  
 Sweeper, Carpet. C. C. Parrish. 2,112,814; Mar. 29.  
 Sweeper, Carpet. T. H. Stough. 2,108,003; Feb. 8.  
 Sweeper, Suction. L. W. Pardee. 2,130,325; Sept. 13.  
 Swimming. Apparatus for teaching. J. B. Hudson. 2,109,775; Mar. 1.  
 Swimming device. A. S. Malm. 2,109,429; Feb. 22.  
 Swing. S. M. Crawford. 2,123,233; July 12.  
 Swing, Amusement. S. W. Zippler. 2,129,723; Sept. 13.  
 Swing, Glider. L. Knight. 2,129,140; Sept. 6.  
 Swing line. C. F. Tears. 2,113,009; Apr. 5.  
 Swing or roundabout, Rotary. H. J. Gundry. 2,119,988; June 7.  
 Swing suspending clamp. G. B. Bentz. 2,122,603; July 5.  
 Switch. *See—*  
 Automatic control switch. Lock switch.  
 Automatic switch. Maximum current switch.  
 Automobile safety switch. Mercury switch.  
 Automobile signal switch. Meter and time switch.  
 Burglar alarm switch. Motor driven switch.  
 Centrifugal switch. Multiple control switch.  
 Circuit switch. Multiple switch.  
 Coin time switch. Piston actuated switch.  
 Compass controlled switch. Plug-in switch.  
 Control switch. Pole switch.  
 Cross-bar switch. Pressure operated switch.  
 Diaphragm switch. Pressure switch.  
 Disconnect switch. Push button switch.  
 Disconnecting fuse switch. Railway switch.  
 Disturbance responsive switch. Refrigerator control switch.  
 Door lamp switch. Resettable switch.  
 Door lock switch. Reversing switch.  
 Electric alarm switch. Rotary switch.  
 Electric snap switch. Safety switch.  
 Electric switch. Selective switch.  
 Electric tumbler switch. Selector switch.  
 Electrical road switch. Signal switch.  
 Electrical signal switch. Snap switch.  
 Electromagnetic switch. Steering wheel switch.  
 Enclosed electric switch. Stoker hopper switch.  
 Flashlight switch. Stop light switch.  
 Float switch. Suction cleaner switch.  
 Foot switch. Telephone switch.  
 Fuse switch. Telltale electric switch.  
 Fused switch. Theft alarm switch.  
 Gauge and light switch. Thermostatic control switch.  
 Hand lamp switch. Thermostatic switch.  
 High tension switch. Time delay switch.  
 Holding and releasing switch. Time switch.  
 Holding switch. Tire deflation indicator switch.  
 Illuminated switch. Traffic signal switch.  
 Inertia switch. Treadle switch.  
 Interval timer switch. Unit type tumbler switch.  
 Switch. K. C. Allison. 2,128,279; Aug. 30.  
 Switch. A. Arutunoff. 2,140,149; Dec. 13.  
 Switch. P. S. Bear. 2,132,921-2; Oct. 11.  
 Switch. P. S. Bear and H. E. Bucklen. 2,132,920; Oct. 11.  
 Switch. P. S. Bear and H. E. Bucklen. 2,137,711; Nov. 22.  
 Switch. H. C. Boothroyd. 2,111,385; Mar. 15.  
 Switch. E. M. Clayton. 2,121,651; June 21.  
 Switch. M. Faulkner. 2,121,124; June 21.  
 Switch. L. E. Fisher and W. H. Frank. 2,108,812; Feb. 22.  
 Switch. L. E. Fisher and W. H. Frank. 2,116,673; May 10.  
 Switch. J. B. Forker, Jr. 2,138,962; Dec. 6.  
 Switch. W. H. Frank and L. E. Fisher. 2,128,999; Sept. 6.  
 Switch. W. H. Frank and J. A. Messing. 2,116,675; May 10.  
 Switch. C. F. Husemoller. 2,139,586; Dec. 6.  
 Switch. E. J. Mastney. 2,109,319; Feb. 22.  
 Switch. W. Murad. 2,119,022; May 31.  
 Switch. K. K. Nielsen. 2,113,218; Apr. 5.  
 Switch. R. H. Polk. 2,119,286; May 31.  
 Switch. R. Popp. 2,124,337; July 19.  
 Switch. R. W. Scott. 2,118,528; May 24.  
 Switch. E. M. Soreng and C. Will. 2,109,054; Feb. 22.  
 Switch. F. H. Wells. 2,118,125; May 24.  
 Switch. C. Weschcke. 2,114,512; Apr. 19.  
 Switch and contact therefor, Electric. A. Hall. 2,115,069; Apr. 26.



- Switch and electromagnetic actuating means therefor, High frequency electrical. J. F. Frese. 2,125,436; Aug. 2.
- Switch and timing mechanism. P. J. McCullough and J. Pavelka, Jr. 2,112,422; Mar. 29.
- Switch apparatus, Coin controlled. M. A. Hall. 2,122,357; June 28.
- Switch arrangement, Earth. A. W. Whistlecroft. 2,122,902; July 5.
- Switch assemblage. W. C. Furnas and S. R. Thompson. 2,108,883; Feb. 22.
- Switch assemblage. W. C. Furnas and S. R. Thompson. 2,137,481; Nov. 22.
- Switch assembly, Rotary. W. Trautner. 2,135,958; Nov. 8.
- Switch assembly, Signal. H. R. Stuart. 2,112,935; Apr. 5.
- Switchboard instruments, System for operating alternating current. H. Milliken. 2,132,179; Oct. 4.
- Switch box cover fastener. E. B. Workman. 2,121,620; June 21.
- Switch box, Fused. E. G. Johansson. 2,128,648; Aug. 30.
- Switch box securing device. B. R. Jett. 2,126,114; Aug. 9.
- Switch cabinet. H. J. L. Frank. 2,116,658; May 10.
- Switch cabinet, Electric. J. J. Bogaerts. 2,137,872; Nov. 22.
- Switch construction. H. E. Adams. 2,116,495; May 10.
- Switch construction. P. L. Miller. 2,119,020; May 31.
- Switch construction. A. B. Rypinski. 2,130,398; Sept. 20.
- Switch construction. W. O. Schultz. 2,116,983; May 10.
- Switch construction, Electric. M. Guett and R. H. Bentley. 2,105,415; Jan. 11.
- Switch control apparatus, Railway. G. R. Pfasterer. 2,117,677; May 17.
- Switch control, Starter. W. Hemingway, Jr. 2,104,159; Jan. 4.
- Switch controlling apparatus, Railway. N. F. Agnew and C. M. Hines. 2,124,601; July 26.
- Switch controlling apparatus, Railway. C. M. Hines. 2,117,323; May 17.
- Switch device. R. R. Erbe. 2,138,629; Nov. 29.
- Switch device, Electric. F. G. Faile. 2,111,421; Mar. 15.
- Switch device for automobile direction signals. H. J. Sauer. 2,134,289; Oct. 25.
- Switch, Electric. J. F. Tritle. Re. 20,770; June 21.
- Switch, Electric. G. O. Wilms and H. Petersen. Re. 20,676; Mar. 22.
- Switch for automatic couplers, Control. R. R. Stevens. 2,132,977; Oct. 11.
- Switch for ball rolling games, Contact. N. A. Nelson. 2,109,678; Mar. 1.
- Switch for double tracks for toy vehicles. E. Horn. 2,128,821; Aug. 30.
- Switch for dynamo-electric machines, Reversing. J. H. Blankenbuehler. 2,121,581; June 21.
- Switch for electric lamps, Column. K. Schneider. 2,124,009; July 19.
- Switch for electric service lines, Automatic. J. E. Farrell. 2,107,821; Feb. 8.
- Switch for electrically operated devices, Control. L. Scruggs. 2,119,220; May 31.
- Switch for fire prevention devices for motion picture machines. E. Saelens and C. Moreau. 2,104,952; Jan. 11.
- Switch for toy railroads, Track. R. V. Phillips. 2,113,768; Apr. 12.
- Switch for toy vehicle tracks. E. Horn. 2,121,696; June 21.
- Switch for traffic signals. J. N. Klema and T. S. Thompson. 2,141,355; Dec. 27.
- Switch for use in telephone or like systems, Automatic. H. J. Edwards. 2,108,110; Feb. 15.
- Switch for use in telephone or like systems, Automatic. R. N. Saxby. 2,124,750; July 26.
- Switch for vehicles, Automatic safety. E. D. Lawson. 2,130,500; Sept. 20.
- Switch mechanism. J. W. Owens. 2,141,278; Dec. 27.
- Switchgear, Electric. W. V. Jeffs. 2,107,947; Feb. 8.
- Switchgear, Electric. L. J. Linde. 2,128,149; Aug. 23.
- Switch gear, Electric. G. M. Reed. 2,130,250; Sept. 13.
- Switch gear, Electric. C. Thumim and H. E. Strang. 2,123,069; July 5.
- Switchgear structure, Metal-clad. F. H. Cole. 2,135,250; Nov. 1.
- Switch lock. C. B. Lowe. 2,118,012; May 17.
- Switch mechanism. T. R. Harrison. 2,112,092; Mar. 22.
- Switch mechanism. A. C. Magrath. 2,118,935; May 31.
- Switch mechanism. C. M. Petersen. 2,139,561; Dec. 6.
- Switch mechanism, Circuit changing. E. Michel. 2,136,858; Nov. 15.
- Switch mechanism, Combination. E. Michel. 2,136,307; Nov. 8.
- Switch mechanism, Electric. L. Ludwig. 2,115,272; Apr. 26.
- Switch mechanism, Time. G. Stokes. 2,119,933; June 7.
- Switch of the fluid flow type, Electrical. M. Nippold. 2,116,709; May 10.
- Switch operating apparatus, Electric. C. H. Hill and A. B. Anderson. 2,116,396; May 3.
- Switch operating apparatus, Railway. E. M. Allen and E. G. Little. 2,130,444; Sept. 20.
- Switch operating apparatus, Railway. H. L. Bone. 2,115,901-2; May 3.
- Switch operating apparatus, Railway. W. L. Stout. 2,126,675; Aug. 9.
- Switch-operating device for steering wheels. H. J. Rapuano. 2,109,550; Mar. 1.
- Switch, particularly for use in control of railway vehicles, Electric. A. Brown, R. H. Dunn, and D. G. McKie. 2,108,428; Feb. 15.
- Switch relay, Mercury. C. H. Larson and D. J. McCarthy. 2,113,595; Apr. 12.
- Switch stand. S. L. Eastburn. 2,124,190; July 19.
- Switch structure. F. C. Byram. 2,131,269; Sept. 27.
- Switch structure, Multiple. B. Arthurs, Jr. 2,114,989; Apr. 26.
- Switch unit, Control. B. E. Shaw. 2,111,816; Mar. 22.
- Switch with defrost and quick freeze adjustments, Automatic. M. E. Henning. 2,114,740; Apr. 19.
- Switch with handle, Spring. S. R. Du Brie. 2,125,432; Aug. 2.
- Switch with manometric control, Electric. C. H. H. Rodanet. 2,117,213; May 10.
- Switch with positive defrost and quick freeze adjustments, Automatic. M. E. Henning. 2,131,282; Sept. 27.
- Switch with thermal releases. E. E. Forstrom. 2,137,134; Nov. 15.
- Switching apparatus. H. F. Oberfell. 2,137,503; Nov. 22.
- Switching apparatus. R. H. Sullivan, W. H. Hutchins, and C. T. Wallis. 2,131,789; Oct. 4.
- Switching apparatus. J. H. Voss. 2,137,514; Nov. 22.
- Switching apparatus, Automatic. J. E. Ostline. 2,137,507; Nov. 22.
- Switching arrangement in coin collectors for telephone systems. H. V. Alexandersson and K. H. Blomberg. 2,133,523; Oct. 18.
- Switching device. L. Cheli. 2,137,131; Nov. 15.
- Switching device. V. I. Crusier. 2,131,584; Sept. 27.
- Switching device. W. Giger and C. Peter. 2,105,455; Jan. 11.
- Switching device. W. O. Hampton. 2,132,686; Oct. 11.
- Switching device. A. C. Stocker. 2,122,499; July 5.
- Switching device. C. H. Walsh. 2,114,064; Apr. 12.
- Switching device, Electric. E. J. Gachet and H. E. Humphries. 2,124,694; July 26.
- Switching device, Electrical. H. M. Salmond. 2,130,706; Sept. 20.
- Switching device, Electromagnetic. F. A. Zupa. 2,115,836; May 3.
- Switching, Electric. J. Biermanns. 2,138,652; Nov. 29.
- Switching mechanism. J. A. Burwell. 2,114,046; Apr. 12.
- Switching mechanism. J. A. Burwell. 2,117,702; May 17.
- Switching mechanism. D. G. Taylor. 2,137,550; Nov. 22.
- Switching mechanism for fuel burning systems. E. M. Miller. 2,114,965; Apr. 19.
- Switching mechanism, Thermostatic. S. C. Shipley. 2,117,514; May 17.
- Switching system, Telegraph switchboard. A. R. Bonorden, F. J. Carter, and F. H. Hanley. 2,139,798; Dec. 13.
- Swivel. H. Hermann. 2,141,865; Dec. 27.
- Swivel connector. W. A. H. Wells. 2,132,887; Oct. 11.
- Swivel for preventing the twisting of fishing lines of spinning tackles and the like. H. Franzén. 2,137,016; Nov. 15.
- Swivel, Harp. K. Berger. 2,133,913; Oct. 18.
- Swivel heads, Lubrication of. G. T. Moo. 2,129,307; Sept. 6.
- Swivel, Rotary. W. D. Davidson and G. Tremolada. 2,113,647; Apr. 12.
- Swivel, Sucker rod. E. Hollyfield. 2,132,477; Oct. 11.
- Swivel, Three-way. A. Weigant. 2,139,294; Dec. 6.
- Synchro-cross-expansion engine. F. C. Wagner. 2,110,248; Mar. 8.
- Synchrometer, Stroboscopic. J. Kalsey. 2,114,714; Apr. 19.
- Synchronization indicating device. P. L. Tollison. 2,109,362; Feb. 22.
- Synchronizing apparatus. P. B. Agnew. 2,120,140; June 7.
- Synchronizing apparatus. S. Tanlal. 2,115,595; Apr. 26.
- Synchronizing apparatus. E. H. Vedder. 2,111,014; Mar. 15.
- Synchronizing clutch. C. D. Peterson. 2,113,709; Apr. 12.
- Synchronizing device, Mechanical. E. Martin. 2,105,089; Jan. 11.
- Synchronizing means. D. C. Espley. 2,140,107; Dec. 13.
- Synchronizing system. H. J. J. M. de R. de Bellesize. Re. 20,821; Aug. 9.
- Synchronizing system. M. K. Taylor and S. A. Hollinwood. 2,113,470; Apr. 5.
- Synchronous control device. C. T. Foss. 2,138,912; Dec. 6.
- Synchronous converter. J. Kalsey. 2,116,899; May 10.
- Synchronous electric motor, Self starting. W. Kohlhaagen. 2,122,374; June 28.
- Synchronous motor. W. L. Hansen and I. N. Huest. 2,128,141; Aug. 23.



- Synchrobus motor. E. D. Lila. 2,105,666; Jan. 18.  
Synchronous motor. J. I. Limer. 2,111,934; Mar. 22.  
Synchronous motor, Self-starting single-phase alternating current. O. Janzen. 2,121,699; June 21.  
Synchronous receiving system. W. A. Knoop. 2,135,581; Nov. 8.  
Synchronous timing device. A. B. Poole. 2,111,193; Mar. 15.  
Synchro-tie for ship propulsion. W. Schaelchlin. 2,114,859; Apr. 19.  
Synthetic compound and its production. P. Nowak and H. Hofmeier. 2,105,363; Jan. 11.  
Syphon system. E. A. Widmann. 2,118,532; May 24.  
Syphon. Venturi. M. H. Loughbridge. 2,131,743; Oct. 4.  
Syringe. F. R. Belfrage. 2,139,653; Dec. 13.  
Syringe. S. F. Cole. 2,129,675; Sept. 13.  
Syringe. H. H. Schulz. 2,134,291; Oct. 25.  
Syringe. G. E. Tacey. 2,112,581; Mar. 29.  
Syringe, Blood transfusion. R. P. Landis. 2,138,605; Nov. 29.  
Syringe, Dental. A. F. Pieper. Re. 20,704; Apr. 19.  
Syringe, Dental. A. F. Pieper. 2,104,670; Jan. 4.  
Syringe, Hypodermic. F. C. Montuori. 2,118,221; May 24.  
Syringe, Hypodermic. D. F. Pincock. 2,134,144; Oct. 25.  
Syringe, Hypodermic. A. E. Smith. 2,132,763; Oct. 11.  
Syringe, Infant's. M. E. Burke. 2,109,059; Feb. 22.  
Syringe, Multiple compartment ampule and hypodermic. M. Lozier and C. H. Frost. 2,115,731; May 3.  
Syringe, Sheath. A. E. Whitetree. 2,128,977; Sept. 6.  
Syringe, Vaginal. F. Schmalz. 2,125,400; Aug. 2.  
Syringe, Vaginal. C. F. Wiegand. 2,122,995; July 5.  
Syrup concentrate, Coffee-chocolate. E. C. Forbes. 2,139,304; Dec. 6.  
T-lock joint. L. Shelby. 2,116,584; May 10.  
Tab for file wrappers, Movable. H. M. von Dollen. 2,122,223; June 28.  
Tab for web rolls, Binder. A. J. Horton. 2,108,200; Feb. 15.  
Tab, Page turning. G. L. de Give. 2,122,004; June 28.  
Table. See—  
Adjustable table. Ironing table.  
Arm grip table. Magnetic zinc table.  
Bathtub and dressing table. Refectory table.  
Burling table. Set-up table.  
Card table. Sewing machine table.  
Cocktail table. Shirt finishing table.  
Collapsible table. Sign painter's table.  
Cutting table. Steam table.  
Extensible drop leaf table. Steering wheel table.  
Extensible table. Typewriter table.  
Extension leaf table. United folding leg table.  
Foldable table. Universal easel table.  
Folding table. Vehicle seat table.  
Game table. Work table.  
Glass surfacing table.  
Table. A. P. Cox. 2,114,912; Apr. 19.  
Table. J. P. Heil. 2,128,046; Aug. 23.  
Table. C. J. Miller. 2,131,594; Sept. 27.  
Table. E. Oppenheimer. 2,132,515; Oct. 11.  
Table. M. B. Pyle. 2,106,436; Jan. 25.  
Table accessory. P. G. De Martini. Jr. 2,104,342; Jan. 4.  
Table and aquarium, Combined. S. E. Donohoue. 2,133,740; Oct. 18.  
Table and book holder, Combined bed. W. J. Boyle. 2,134,810; Nov. 1.  
Table and ironing board, Combined. F. Dahl. 2,106,422; Jan. 25.  
Table and tourist case, Portable combination. R. L. Hestes. 2,117,166; May 10.  
Table, attachment. Paperhanger's. C. W. Huber. 2,128,147; Aug. 23.  
Table construction, Billiard. J. O. Matteson and P. M. Hansen. 2,115,115; Apr. 26.  
Table decorating unit. W. L. Orme. 2,115,962; May 3.  
Table device. J. C. Allred. 2,129,041; Sept. 6.  
Table for boring mills and the like, Work. A. Trosch. Re. 20,906; Nov. 1.  
Table for grinding mills, Feed. C. F. Schutte. 2,133,211; Oct. 11.  
Table for wrapping and pinch-type bending rolls, Feed. W. E. Kane. 2,130,404; Dec. 13.  
Table implements, Device for dispensing. W. A. Zeldler, Sr. 2,110,189; Mar. 8.  
Table leg, Folding. G. Buechler. 2,117,239; May 10.  
Table pad, Plate warming. L. K. Frolich. 2,139,153; Dec. 6.  
Table reciprocating mechanism, Grinding machine. H. S. Indge. 2,132,953; Oct. 11.  
Table roll structure for paper machines. E. E. Berry. 2,111,833; Mar. 22.  
Table roll structure, Paper machine. E. E. Berry. 2,111,835; Mar. 22.  
Table saw, Sucker's. M. T. Klein. 2,109,727; Mar. 1.  
Table section, Convertible. I. W. Heath. 2,113,346; Apr. 5.  
Table structure. R. E. Schieber. 2,131,675; Sept. 27.  
Table surfacer. R. C. Muzzo. 2,111,052; Mar. 15.  
Table top. W. N. Thurn and G. W. Shults. 2,115,130; Apr. 26.  
Table top, Folding. J. B. O'Connor. Re. 20,949; Dec. 13.  
Tablet, Effervescent. C. J. Greenblatt. 2,105,690; Jan. 18.  
Tablet packaging machine. C. J. Westin. 2,109,407; Feb. 22.  
Tablet, Writing. H. J. Waechter. 2,137,970; Nov. 22.  
Tabulating and accounting machine. J. W. Armbruster. 2,116,653; May 10.  
Tabulating and punching mechanism, Combined. E. H. Dreher. 2,107,030; Feb. 1.  
Tabulating board. O. Blitz. 2,131,266; Sept. 27.  
Tabulating board. C. S. Meyer. 2,117,812; May 17.  
Tabulating machine. G. F. Daly. 2,107,143; Feb. 1.  
Tabulating machine. G. F. Daly. 2,110,853; Mar. 15.  
Tabulating machine. G. F. Daly. 2,126,621; Aug. 9.  
Tabulating machine. J. W. Galyon. 2,138,630; Nov. 29.  
Tabulating machine. H. F. Garman and H. H. Woodruff. 2,110,857; Mar. 15.  
Tabulating machine. U. M. W. Kölm. 2,131,226; Sept. 27.  
Tabulating machine. C. D. Lake. 2,129,775; Sept. 13.  
Tabulating machine. W. W. Lasker. 2,140,136; Dec. 13.  
Tabulating machine. W. W. Lasker and C. Ruiz. 2,124,177; July 19.  
Tabulating machine. W. W. McDowell and G. S. Wells. 2,111,119; Mar. 15.  
Tabulating machine. A. W. Mills. 2,111,120; Mar. 15.  
Tabulating machine. G. Tauschek. 2,113,634; Apr. 12.  
Tabulating machine. G. J. Zaengle. 2,124,223; July 19.  
Tabulator type, Record controlled. H. Weinlich and U. Kölm. 2,126,595; Aug. 9.  
Tachometer. H. A. L. Jones. 2,108,014; Feb. 8.  
Tachometer, Centrifugal electric. W. A. Reichel and M. F. Ketay. 2,127,831; Aug. 23.  
Tachymetric corrective device, more particularly for use in connection with sighting apparatus for artillery. 2,106,993; Feb. 1.  
Tack container. R. Peppiatt. 2,134,927; Nov. 1.  
Tack holder. A. Hudiaff. 2,134,367; Oct. 25.  
Tack machine. E. C. Baker and D. W. Manson. 2,113,458; Apr. 5.  
Tack, Thumb. A. G. O. Anderson. 2,108,739; Feb. 15.  
Tackless display holder. T. R. Thomas. 2,125,208; July 26.  
Tag. J. Levine. 2,129,500; Sept. 6.  
Tag and affixing the same, Bale identification. G. E. Gaus. 2,107,071; Feb. 1.  
Tag, Battery identification. O. N. Olson. 2,123,956; July 19.  
Tag device. H. M. Sears and S. Rothenberg. 2,126,980; Aug. 16.  
Tag fastener. S. Weiss. 2,122,598; July 5.  
Tag fastening device. C. A. Flood. 2,131,372; Sept. 27.  
Tag for floor coverings or the like. S. Rosenthal. 2,131,543; Sept. 27.  
Tag holder. L. R. Corson. 2,124,054; July 19.  
Tag, Identification. H. L. Moat. 2,134,002; Oct. 25.  
Tag, Price. E. J. Geary. 2,125,437; Aug. 2.  
Tag, Price. F. Kohnle. 2,104,698; Jan. 4.  
Tag, Price. F. Kohnle. 2,116,476-7; May 3.  
Tag remarker. C. A. Flood. 2,122,412; July 5.  
Tailboard mounting, Elevating. F. Richter. 2,110,239; Mar. 8.  
Tail clamp. F. R. Higley. 2,119,275; May 31.  
Tail device for airplanes. R. Saulnier. 2,105,374; Jan. 11.  
Taillight and illuminated sign, Combined. J. J. Coyne. 2,109,565; Mar. 1.  
Taillight, illuminated license plate. A. and F. Czarny. 2,122,027; June 28.  
Tailpiece for stringed musical instruments. H. S. Sunshine. 2,124,459; July 19.  
Tailstock. F. A. Fritsch. 2,124,164; July 19.  
Tailstock for lathes. F. P. Bucklein. 2,115,094; Apr. 26.  
Tailor's measuring device. J. J. Fichtol. 2,106,729; Feb. 1.  
Take-down joint. H. Wollner. 2,114,199; Apr. 12.  
Take-up and rewind assembly for motion picture projectors. O. Wittel. 2,124,938; July 26.  
Take-off apparatus for electric welders. A. A. Bernard. 2,117,077; May 10.  
Take-up device. C. M. Burnett. 2,117,701; May 17.  
Take-up device. S. A. Wardell. 2,117,928; May 17.  
Take-up device for flexible conductors. A. McKesson. 2,113,702; Apr. 12.  
Take-up device for telephone switchboard cords. L. A. Yost. 2,110,433; Mar. 8.  
Take-up mechanism. C. H. Ramsey. 2,123,744; July 12.  
Take-up mechanism for hand brakes, Quick. H. Fuchs. 2,123,584; July 12.  
Take-up mechanism for hand brakes, Quick. H. J. Lounsbury. 2,117,338; May 17.  
Take-up mechanism, Quick. R. J. Olander. 2,127,570; Aug. 23.  
Take-up rod. R. H. Lawson. 2,108,773; Feb. 15.  
Tallykeeper. H. C. Catherwood. 2,108,103; Feb. 15.  
Tamale machine. M. W. Dunnam. 2,134,862; Nov. 1.  
Tampers, Sheep foot. G. M. Gilmore. 2,131,947; Oct. 4.  
Tampers, Sheep foot. G. M. Gilmore. 2,131,947; Oct. 4.  
Tamp



Pickling tank.  
Portable tank.  
Pressure tank.  
Sedimentation tank.  
Storage tank.  
Wooden tank.

Tanning. J. A. Wilson. 2,140,041-2; Dec. 13.  
Tanning agent. W. Asch, H. Janz, W. Pense, and A. Voss. 2,136,997; Nov. 15.  
Tanning agent, Synthetic. P. Müller. 2,119,173; May 31.  
Tanning agents and producing the same. H. Muench and H. Loewe. 2,141,276; Dec. 27.  
Tanning agents, Manufacture of. P. Müller. 2,127,068; Aug. 16.  
Tanning apparatus. C. Kannel. 2,133,989; Oct. 25.  
Tanning material. A. Russell and J. W. Copenhaver. 2,129,553-4; Sept. 6.  
Tanning matter. E. Koch, K. Dachlauer, and C. Thomsen. 2,130,550; Sept. 20.  
Tanning process. O. Röhm. 2,115,880; May 3.  
Tanning with aldehydes. H. G. Turley and L. C. Somerville. 2,129,748; Sept. 13.  
Tans and producing the same, Synthetic. H. Fischer. 2,112,361; Mar. 29.  
Tantalum recovery. M. M. Austin. 2,107,277; Feb. 8.  
Tantalus set. A. Cravaritis. 2,113,461; Apr. 5.  
Tap. J. J. Hebr. 2,137,340; Nov. 22.  
Tap. O. B. Koehler and E. R. Koonz. 2,114,448; Apr. 19.  
Tap. F. E. Rice. 2,128,474; Aug. 30.  
Tap and tap assembly for dancers, Side. S. Capezio. 2,124,908; July 26.  
Tap, Bottoming. R. F. Bath. 2,121,380; June 21.  
Tap bushing valve. S. H. Gibson. 2,112,208; Mar. 22.  
Tap changing under load, Method and apparatus for transformer. L. F. Blume. 2,112,064; Mar. 22.  
Tap clamp, Conductor protecting. R. R. Pittman and C. H. Walsh. 2,107,061; Feb. 1.  
Tap construction. F. E. Rice. 2,107,164-5; Feb. 1.  
Tap construction. F. E. Rice. 2,128,473; Aug. 30.  
Tap dancing device. M. C. Gilman. 2,113,477; Apr. 15.  
Tap, Double taper. W. J. Hogg. 2,130,182; Sept. 13.  
Tap for pipe couplings, Collapsible. W. J. Hogg. 2,115,365; Apr. 26.  
Tap for tap-dancing shoes. C. Agosta and F. Notarangelo. 2,104,179; Jan. 4.  
Tap for tap dancing shoes. C. Agosta and F. Notarangelo. 2,114,461; Apr. 19.  
Tap, Mold resisting remoistening. F. W. Humphner. 2,133,028; Oct. 11.  
Tap, Toe. S. Capezio. 2,118,835; May 31.  
Taps and dies, Making. L. D. Baird. 2,110,618; Mar. 8.  
Tape actuating device. W. J. Zenner. Re. 20,626; Jan. 18.  
Tape, Adhesive. L. W. Geller. 2,105,728; Jan. 18.  
Tape, Apparatus for pulling. J. S. Cavalcante. 2,134,998; Nov. 1.  
Tape applying device. C. S. Munro. 2,107,900; Feb. 8.  
Tape binding and package closing machine. J. W. Capstick. 2,109,328; Feb. 22.  
Tape controlled apparatus. M. T. Goets. 2,104,030; Jan. 4.  
Tape cutting device. T. L. Murray. 2,125,736; Apr. 25.  
Tape dispenser. F. Machate and F. Mason. 2,107,487; Feb. 8.  
Tape dispensing machine, Gummed. L. Link. 2,108,496; Feb. 15.  
Tape for Venetian blinds. H. Warren. 2,123,817; July 12.  
Tape for Venetian blinds, Facing. R. H. White and D. J. McNevin. 2,105,937; Jan. 18.  
Tape, Gummed. A. Bennett. 2,109,583; Mar. 1.  
Tape, Heat insulating. J. M. Weaver. 2,129,110; Sept. 6.  
Tape machine. W. Morton. 2,133,868; Oct. 18.  
Tape marking machine, Signal storage. K. Höper. 2,134,303; Oct. 25.  
Tape measure. E. J. Witteger. 2,136,769; Nov. 15.  
Tape, Measuring. E. A. I. Johansson. 2,129,582; Sept. 6.  
Tape, Measuring. A. W. Keuffel. 2,105,119; Jan. 11.  
Tape printer. E. B. Kleinschmidt. 2,115,991; May 3.  
Tape printing and projecting apparatus. A. D. Eltzen. 2,109,472; Mar. 1.  
Tape projector, Broad. A. D. Eltzen. 2,108,053; Feb. 15.  
Tape puller, Fluid controlled. A. D. Eltzen. 2,111,290; Apr. 19.  
Tape punching device. A. J. Levering. 2,110,447; Mar. 8.  
Tape record repeater. W. L. Andrus. 2,140,084; Dec. 20.  
Tape serving machine. T. H. Krueger. Re. 20,925; Dec. 27.  
Tape serving machine. T. H. Krueger. 2,110,913; Mar. 15.  
Tape, Stitched snap fastener. L. Reardon. 2,113,741; Apr. 12.  
Tape, Transmitter, Automatic. E. F. Kleinschmidt. 2,120,397; Aug. 9.  
Tape, Vacuum feed. S. H. Hogg. 2,109,328; Feb. 22.  
Tape wrapping. E. H. D. W. Fisher. 2,105,881; Jan. 18.  
Tape boring machine. R. A. Ames, L. D. Farmer, and C. F. Nelson. 2,131,063; Sept. 21.  
Tapes from different rolls, Bulk measurement of. M. C. McEntach. 2,111,348; Dec. 27.  
Taping head for winding apparatus. H. Saito. 2,134,994; Nov. 1.  
Taping instrument. D. L. Goodenough. 2,124,113; July 12.  
Taping machine. G. Allen and W. J. Hogg. 2,115,365; Apr. 26.  
Tapes, Self. T. H. Awlg. 2,115,452; Apr. 26.



- Tapper, Portable electrically controlled. F. Cordes. 2,121,286; June 21.
- Tappet. E. J. Fisk. 2,116,109; May 3.
- Tappet construction, Steel. F. Marande. 2,113,895; Apr. 12.
- Tappet mechanism. A. B. Buckley. 2,119,096; May 31.
- Tappets, Making. G. Schneider. 2,118,446; May 24.
- Tapping and refill-controlling device. C. Karageorgieff. 2,104,080; Jan. 4.
- Tapping apparatus. H. W. Ribble. 2,120,001; June 7.
- Tapping apparatus. H. W. Ribble. 2,134,205; Oct. 25.
- Tapping attachment. G. W. Emrick. 2,141,209; Dec. 27.
- Tapping machine. L. T. Koppl. 2,115,992; May 3.
- Tar acids, Recovery of. J. G. Hatman. 2,119,132; May 31.
- Tar and asphalt, Handling. G. F. Chase. 2,110,905; Mar. 15.
- Tar extractor and the like. C. G. Hawley. 2,117,718; May 17.
- Tars for use in road construction. A. Sirot. 2,113,144; Apr. 5.
- Target. J. P. Clark. 2,134,226; Oct. 25.
- Target. J. A. Pollard. 2,106,655; Jan. 25.
- Target. A. J. Verbridge. 2,112,001; Mar. 22.
- Target. F. R. B. Whitehouse. 2,121,377; June 21.
- Target. W. E. Yocum. 2,135,549; Nov. 8.
- Target apparatus. W. L. Dysart and R. J. Newlin. 2,140,671; Dec. 20.
- Target apparatus. W. A. Hibberd. 2,125,565; Aug. 2.
- Target apparatus. W. A. Tratsch. 2,127,276; Aug. 16.
- Target, Baseball pitching. R. A. Fowler. 2,126,102; Aug. 9.
- Target device. E. C. Johnson. 2,135,667; Nov. 8.
- Target, Duel. S. L. Long. 2,133,552; Oct. 18.
- Target indicator. C. Grigoriu. 2,108,919; Feb. 22.
- Target, Memoraph. R. E. Reardon. 2,133,308; Oct. 18.
- Target, Moving. B. C. Mattson. 2,125,353; Aug. 2.
- Target, Range. F. H. Schwerin. 2,104,171; Jan. 4.
- Target rifle range, Electric. A. J. Carter. 2,131,791; Oct. 4.
- Target trap. A. M. McCrea. 2,121,763; June 21.
- Tartrates and making them, Alkanol-ammonium. H. A. Shonle. 2,118,769; May 24.
- Tassel. C. C. King. 2,107,948; Feb. 8.
- Tassel. C. G. King. 2,112,100; Mar. 22.
- Tassel. E. E. Weller. 2,107,459; Feb. 8.
- Tattoo marker. G. A. Holt. 2,126,777; Aug. 16.
- Tea bag machine, Square. W. M. Ingram. 2,114,304; Apr. 19.
- Teapot. L. Nolte. 2,135,313; Nov. 1.
- Teapot. O. Ottoson. 2,135,410; Nov. 1.
- Tea, Treatment of. L. M. Wright. 2,137,374; Nov. 22.
- Tearing means for wrappers of cellophane and the like. B. Olsson. 2,121,443; June 21.
- Teasing machines, Controlling the worker of. A. C. Scholart. 2,120,576; June 14.
- Teeter totter. F. Braunschweig. 2,109,897; Mar. 1.
- Teeth, Artificial. A. Gysl. 2,104,459; Jan. 4.
- Teeth, Artificial. R. Madzar. 2,118,934; May 31.
- Teeth, Artificial. V. H. Sears. 2,129,040; Sept. 6.
- Teeth, Attachment for artificial. J. Taguchi. 2,107,966; Feb. 8.
- Teeth, Attachment for artificial. J. Taguchi. 2,130,656; Sept. 20.
- Teeth for earth working machine, Removable. R. S. Weimer. 2,118,872; May 31.
- Teeth generating machine. E. Reinecker. 2,136,266; Nov. 8.
- Teeth, Producing cutting. J. A. Zublin. 2,137,470; Nov. 22.
- Teething device. P. E. Allen. 2,115,405; Apr. 26.
- Telegraph apparatus, Arrangement for synchronizing of. R. Hell. 2,113,429; Apr. 5.
- Telegraph apparatus, Printing. C. W. Burcky. 2,104,071; Jan. 4.
- Telegraph apparatus, Printing. C. W. Burcky. 2,111,387; Mar. 15.
- Telegraph apparatus, Printing. R. D. Salmon. 2,127,145; Aug. 16.
- Telegraph automatic exchange system, Printing. L. A. Gardner. 2,132,684; Oct. 11.
- Telegraph broadcasting system. C. R. Walker. 2,111,685; Mar. 22.
- Telegraph control mechanism, Printing. W. S. Lemmon. 2,129,948; Sept. 13.
- Telegraph exchange system. F. S. Kinkead. 2,114,023; Apr. 12.
- Telegraph exchange system. W. V. K. Large and G. A. Locke. 2,114,253; Apr. 12.
- Telegraph installation. M. Amann, L. Günther, and A. Lahl. 2,128,788; Aug. 30.
- Telegraph, Picture. A. Eulenhöfer. 2,137,606; Nov. 22.
- Telegraph printer. L. Cammen. 2,136,411; Nov. 15.
- Telegraph printer. R. F. Dirkes, E. R. Wheeler, and V. R. Kimball. 2,117,241; May 10.
- Telegraph printer. M. Hebel and K. Gundfinger. 2,121,873; June 28.
- Telegraph printer. V. R. Kimball and R. F. Dirkes. 2,135,376; Nov. 1.
- Telegraph printer. V. R. Kimball, R. F. Dirkes, and E. R. Wheeler. 2,135,375; Nov. 1.
- Telegraph printer. J. W. Long and E. R. Wheeler. 2,134,722; Nov. 1.
- Telegraph receiver, Printing. M. Amann, A. Lahl, and H. Hatzinger. 2,120,850; June 14.
- Telegraph receiver, Printing. F. Kreuzer. 2,139,452; Dec. 6.
- Telegraph receiving machine, Automatic. Y. Watanabe. 2,119,064; May 31.
- Telegraph receiving system, Automatic. Y. Watanabe. 2,130,166; Sept. 13.
- Telegraph regenerating system. M. H. Woodward. 2,141,326; Dec. 27.
- Telegraph repeater. F. H. Hanley. 2,134,820; Nov. 1.
- Telegraph repeater. J. L. Hysko. 2,117,723; May 17.
- Telegraph repeater, Regenerative. F. S. Kinkead. 2,133,456; Oct. 18.
- Telegraph repeating system. T. A. McCann. 2,109,028; Feb. 22.
- Telegraph signal regenerating apparatus. A. F. Connery. 2,118,069; May 24.
- Telegraph signal repeater. W. W. Cramer. 2,123,232; July 12.
- Telegraph signaling apparatus. H. V. Higgitt and K. L. Wood. 2,131,322; Sept. 27.
- Telegraph, Start-stop. R. G. Griffith. 2,110,506; Mar. 8.
- Telegraph switchboard switching system. A. R. Bonorden. 2,139,799; Dec. 13.
- Telegraph switching system. R. F. Dirkes and V. R. Kimball. 2,122,367; June 28.
- Telegraph switching system. O. C. Levy. 2,129,741; Sept. 13.
- Telegraph system. M. Amann. 2,116,134; May 3.
- Telegraph system. M. S. Burgess and A. B. Clark. 2,110,260; Mar. 8.
- Telegraph system. J. O. Carr and A. H. Reiber. 2,116,506; May 10.
- Telegraph system. W. W. Cramer. 2,131,870; Oct. 4.
- Telegraph system. M. L. Greene and W. L. Rhoads, Sr. 2,140,673; Dec. 20.
- Telegraph system. C. E. Lomax. 2,106,011; Jan. 18.
- Telegraph system. T. A. Marshall. 2,106,357; Jan. 25.
- Telegraph system. W. J. Zenner. 2,116,549; May 10.
- Telegraph system, Convertible duplex simplex printing. J. N. Loop. 2,120,254; June 14.
- Telegraph system, Facsimile. H. C. Harrison and T. J. Pope. 2,141,388; Dec. 27.
- Telegraph system, Printing. G. A. Graham and H. W. Parmer. 2,128,242; Aug. 30.
- Telegraph system, Printing. H. J. Nichols. 2,111,154; Mar. 15.
- Telegraph system, Start-stop printing. H. C. Williams. 2,134,068; Oct. 25.
- Telegraph system with means for eliminating interference. Type printing. A. Bakker and H. C. A. Van Duuren. 2,119,196; May 31.
- Telegraph tape comparator. A. Bailey and T. A. McCann. 2,117,052; May 10.
- Telegraph testing set. H. A. Rhodes. 2,140,680; Dec. 20.
- Telegraph transmitter. R. F. Dirkes and G. I. Roberts. 2,135,377; Nov. 1.
- Telegraph transmitter. A. Lahl. 2,133,056; Oct. 11.
- Telegraph transmitter, Printing. K. Weber. 2,115,185; Apr. 26.
- Telegraph transmitting system. R. F. Dirkes and J. N. Anderson, Jr. 2,109,989; Mar. 1.
- Telegraphic keying circuit. J. D. Wallace. 2,108,833; Feb. 22.
- Telegraphic receiver. F. Laudano. 2,125,616; Aug. 2.
- Telegraphophone. W. C. Ellis and E. S. Greiner. 2,118,179; May 24.
- Telegraphs, Method and arrangement for synchronizing of printing. H. Rassow. 2,140,596; Dec. 20.
- Telegraphy, Electric. A. F. Connery. 2,141,237; Dec. 27.
- Telegraphy, Printing. E. Rossberg and H. Wüsteney. 2,112,306; Mar. 29.
- Telegraphy system, Automatic printing. W. G. H. Finch. 2,133,811; Oct. 18.
- Telegraphy system, Dual tone. W. G. H. Finch. 2,118,917; May 31.
- Telemetering apparatus. B. E. Lenehan. 2,137,090; Nov. 15.
- Telemetering device. H. E. Allen. 2,134,467; Oct. 25.
- Telemetering system. W. A. Tolson. 2,110,746; Mar. 8.
- Telemetering system and apparatus. C. E. Stewart. 2,138,668; Nov. 29.
- Telemetering system, Navigating. F. West, Jr. 2,111,442; Mar. 15.
- Telephone. A. G. Zimmerman. 2,119,124; May 31.
- Telephone and fire alarm system, Combined. R. C. Bradford. 2,121,282; June 21.
- Telephone apparatus. F. G. Troisi. 2,128,385; Aug. 30.
- Telephone circuit, Substation. T. G. Martin and C. E. Lomax. 2,137,409; Nov. 22.
- Telephone control circuit. R. E. Hersey. 2,112,366; Mar. 29.
- Telephone, Desk. H. F. Obergfell. 2,127,569; Aug. 23.
- Telephone exchange system. W. Whitney. 2,105,898; Jan. 18.
- Telephone instrument. D. S. S. Steuart. 2,131,529; Sept. 27.
- Telephone instrument circuit. G. W. Sutton and W. H. Grinstead. 2,136,345; Nov. 8.
- Telephone mechanism. T. Dietrich and O. Borel. 2,141,785; Dec. 27.



- Telephone metering system. H. Döhle. 2,141,463; Dec. 27.
- Telephone pay station. A. and J. Weiss. 2,128,337; Aug. 30.
- Telephone pay station apparatus. D. G. Anderson. 2,136,601; Nov. 15.
- Telephone receiver. N. A. Kurman. 2,125,348; Aug. 2.
- Telephone repeater, Two-way. L. W. Branch. 2,118,697; May 24.
- Telephone rest. J. J. Spissell. 2,131,648; Sept. 27.
- Telephone set, Wall. H. F. Obergfell. 2,133,468; Oct. 18.
- Telephone signal. C. E. J. Modjeski. 2,132,488; Oct. 11.
- Telephone signaling system. H. S. Black. 2,117,835; May 17.
- Telephone signaling system. R. E. King. 2,107,154; Feb. 1.
- Telephone switch. G. Fourness. 2,106,299; Jan. 25.
- Telephone switchboard switching system. A. R. Bonorden. 2,139,800; Dec. 13.
- Telephone system. S. W. Allison. 2,115,133; Apr. 26.
- Telephone system. E. N. Anderson, E. L. Getz, and H. W. Ulrich. 2,137,793; Nov. 22.
- Telephone system. G. T. Baker and J. W. McClew. 2,133,415; Oct. 18.
- Telephone system. P. Bakker. 2,133,682; Oct. 18.
- Telephone system. J. Baumfalk. 2,141,372; Dec. 27.
- Telephone system. L. J. Bowne. 2,130,482; Sept. 20.
- Telephone system. L. J. Bowne, F. R. Lamberty, and R. L. Stokely. 2,104,449; Jan. 4.
- Telephone system. E. A. Brofos. 2,138,594; Nov. 29.
- Telephone system. O. I. Carpenter and B. F. Moss. 2,104,971; Jan. 11.
- Telephone system. W. W. Carpenter. 2,112,951; Apr. 5.
- Telephone system. R. G. Dixon. 2,104,975; Jan. 11.
- Telephone system. H. Engel. 2,124,913; July 26.
- Telephone system. O. C. Hall and J. F. Toomey. 2,119,209; May 31.
- Telephone system. C. W. Halligan. 2,128,411; Aug. 30.
- Telephone system. C. W. Halligan. 2,133,814; Oct. 18.
- Telephone system. M. Hebel. 2,133,055; Oct. 11.
- Telephone system. B. A. Hensler and C. L. Peters. 2,110,910; Mar. 15.
- Telephone system. W. H. T. Holden. 2,119,211; May 31.
- Telephone system. R. Hornickel. 2,117,721; May 17.
- Telephone system. H. Hovland. 2,132,241; Oct. 4.
- Telephone system. D. F. Johnston. 2,107,754; Feb. 8.
- Telephone system. G. V. King. 2,136,620; Nov. 15.
- Telephone system. F. R. Lamberty. 2,129,011; Sept. 6.
- Telephone system. A. G. Lang and T. H. Neely. 2,132,857; Oct. 11.
- Telephone system. H. A. Lewis. 2,107,158; Feb. 1.
- Telephone system. F. Lill. 2,137,408; Nov. 22.
- Telephone system. C. E. Lomax. 2,135,822; Nov. 8.
- Telephone system. C. E. Lomax. 2,141,476; Dec. 27.
- Telephone system. C. E. Lomax and J. H. Voss. 2,121,159; June 21.
- Telephone system. C. E. Lomax and J. H. Voss. 2,137,497; Nov. 22.
- Telephone system. R. F. Massonneau. 2,136,630; Nov. 15.
- Telephone system. D. Mastini. 2,129,332; Sept. 6.
- Telephone system. M. B. McDavitt. 2,138,186; Nov. 29.
- Telephone system. J. Meszar and F. M. Wiese. 2,119,239; May 31.
- Telephone system. W. Michaelis. 2,105,001; Jan. 11.
- Telephone system. G. Oglietti. 2,111,103; Mar. 15.
- Telephone system. W. G. Patterson and R. G. Dixon. 2,108,140; Feb. 15.
- Telephone system. S. E. Peterson. 2,131,568; Sept. 27.
- Telephone system. W. Pfaff. 2,137,412; Nov. 22.
- Telephone system. W. C. Phebus. 2,124,709; July 26.
- Telephone system. W. Pinell. 2,122,490; July 5.
- Telephone system. H. Qüang. 2,137,626; Nov. 22.
- Telephone system. R. Raymond. 2,106,360; Jan. 25.
- Telephone system. G. Rother. 2,139,135; Dec. 6.
- Telephone system. N. H. Saunders. 2,105,012; Jan. 11.
- Telephone system. N. H. Saunders. 2,131,572; Sept. 27.
- Telephone system. R. L. Stokely. 2,120,419; June 14.
- Telephone system. R. L. Stokely. 2,139,247; Dec. 6.
- Telephone system. A. Szillard and G. Keleti. 2,110,312; Mar. 8.
- Telephone system. R. Taylor and G. T. Baker. 2,113,119; Apr. 5.
- Telephone system. R. Taylor and J. A. Mason. Re. 2,078,000; July 5.
- Telephone system. W. J. Vincent. 2,108,909; Feb. 22.
- Telephone system. J. H. Voss. 2,135,862; Nov. 8.
- Telephone system. P. V. Welch. 2,139,249; Dec. 6.
- Telephone system. P. V. Welch. 2,140,930; Dec. 20.
- Telephone system. J. Wicks. 2,137,517-8; Nov. 22.
- Telephone system. E. Wolf. 2,108,881; Feb. 1.
- Telephone system. E. P. G. Wright and G. C. Hartley. 2,112,549; Mar. 29.
- Telephone system. E. P. G. Wright, G. C. Hartley, and P. I. Wyndham. 2,140,931; Dec. 20.
- Telephone system, Automatic. A. Heyduck. 2,108,437; Feb. 15.
- Telephone system, Automatic. N. H. Saunders. 2,115,320; Apr. 26.
- Telephone system, Automatic. N. H. Saunders and R. R. Fowler. 2,135,921; Nov. 8.
- Telephone system, Automatic. B. D. Willis. 2,137,431; Nov. 22.
- Telephone system, Automatic or semi-automatic. R. Mercer. 2,106,897; Feb. 1.
- Telephone system, Call distributing. F. B. Blake. 2,121,419; June 21.
- Telephone system, Call distributing. S. F. Dunning. 2,121,498; June 21.
- Telephone system for simultaneous communications, Train. A. G. Shaver. 2,124,450; July 19.
- Telephone system, Measured service. T. F. Crocker, N. H. Saunders, and C. E. Lomax. 2,113,080; Apr. 5.
- Telephone system, Prepayment. H. W. Ulrich. 2,128,442; Aug. 30.
- Telephone transmission system. H. H. Smith. 2,105,016; Jan. 11.
- Telephone transmitter. O. Soldan, H. Panzerbieter, and B. Jørgensen. 2,140,859; Dec. 20.
- Telephone voice silencer. L. S. Scher. 2,131,820; Oct. 4.
- Telephonic apparatus. J. C. White. 2,136,720; Nov. 15.
- Telephonic device. H. R. Warnke. 2,109,761; Mar. 1.
- Telephonic transmitter. L. Pungs. Re. 2,06,91; Apr. 5.
- Telephony. F. de Fremery. 2,129,990; Sept. 13.
- Telephotographic apparatus and the like. H. Knudsen. 2,140,233; Dec. 13.
- Teletype electro-optical system. W. G. H. Finch. 2,136,789; Nov. 15.
- Teletype synchronizing system. W. G. H. Finch. 2,108,983; Feb. 22.
- Teletypewriter. R. D. Salmon. 2,127,144; Aug. 16.
- Teletypewriter and system, Simplified. S. Van Mierlo, C. A. J. Pulles, F. E. A. Smets, and L. Devaux. 2,131,202; Sept. 27.
- Telescope. A. Langsner. 2,126,335; Aug. 9.
- Telescope. A. Langsner. 2,130,095; Sept. 13.
- Telescope for photographic purposes, Image erecting prism. L. Leitz, M. Engelmann, and H. Schneider. 2,113,407; Apr. 5.
- Telescope mounting for guns. D. E. Tilden. 2,135,774; Nov. 8.
- Telescope sight. H. F. Mossberg. 2,138,067; Nov. 29.
- Telescope sun visor. M. J. Francis. 2,120,892; June 14.
- Telescopic sight mounting. R. J. Lennon. 2,125,932; Aug. 9.
- Telescreen. A. F. Avey. 2,120,596; June 14.
- Ticket system. E. Hopkins. 2,126,635; Aug. 9.
- Teletypewriter. W. Y. Lang and E. F. Watson. 2,106,805; Feb. 1.
- Teletypewriter equipment. A. A. Burgess. 2,110,286; Mar. 8.
- Teletypewriter equipment. F. J. Singer. 2,111,644; Mar. 22.
- Teletypewriter station. F. S. Kinkad. 2,106,352; Jan. 25.
- Teletypewriter system. J. F. Beattie, H. J. Cunningham, and W. R. Roycroft. 2,120,235; June 14.
- Teletypewriter system. J. F. Beattie and W. R. Roycroft. 2,112,234; Mar. 29.
- Teletypewriter system. T. L. Corwin, B. S. Swezey, and E. F. Watson. 2,126,535; Aug. 9.
- Teletypewriter system. W. W. Cramer and G. C. Cummings. 2,117,705; May 17.
- Teletypewriter system. J. A. Duncan. 2,134,076; Oct. 25.
- Television. F. Schröter. 2,109,321; Feb. 22.
- Television. F. Schröter and A. Schleede. 2,121,990; June 28.
- Television and the like apparatus. G. W. Walton. 2,110,945; Mar. 15.
- Television and the like system. C. O. Browne. 2,133,422; Oct. 18.
- Television and the like systems. A. D. Blumlein. 2,134,851; Nov. 1.
- Television and the like transmission system. M. Bowman-Manifold and W. S. Percival. 2,137,793; Nov. 22.
- Television apparatus. A. J. Cawley. 2,116,425; May 3.
- Television apparatus. J. Gettinger. 2,108,852; Feb. 22.
- Television apparatus. A. Karolus. 2,109,198; Feb. 22.
- Television apparatus. A. Karolus. 2,110,576; Mar. 8.
- Television apparatus. H. M. Lewis and M. Cawein. 2,118,977; May 31.
- Television apparatus. J. K. Ross. 2,128,967; Sept. 6.
- Television apparatus. O. Schreyer. 2,111,688; Apr. 19.
- Television apparatus. F. Schröter. 2,118,115; May 24.
- Television apparatus. K. Tihanyi. 2,133,123; Oct. 11.
- Television apparatus. A. W. Vance. 2,105,870; Jan. 18.
- Television arrangement. K. Schlesinger. 2,107,392; Feb. 8.
- Television arrangement. K. Schlesinger. 2,118,867; May 31.
- Television, Cinematographie. D. von Mihály. 2,113,487; Apr. 5.
- Television communicator. A. McL. Nielson. 2,125,000; July 26.
- Television device. L. A. Lora. 2,108,132; Feb. 15.
- Television distribution. P. J. Herbst. 2,135,577; Nov. 8.
- Television, Line. A. M. Nielson. 2,122,750; July 6.
- Television method. M. von Ardenne. 2,131,203; Sept. 27.
- Television method and apparatus. F. C. P. Henroteau. 2,104,802; Jan. 11.
- Television or the like transmission system. M. Bowman-Manifold and E. C. Cork. 2,140,102; Dec. 13.
- Television process. M. von Ardenne. 2,112,084; Mar. 29.
- Television process and apparatus. A. J. Cawley. 2,118,160; May 24.



- Television receiver. M. Flaherty. 2,119,102; May 31.  
Television receiver. R. Harding, Jr. 2,112,528; Mar. 29.  
Television receiver. W. J. Poch. 2,122,990; July 5.  
Television receiver for talking television pictures, Wireless. K. Schlesinger. 2,129,034; Sept. 6.  
Television receiver tube. M. Knoll. 2,106,250; Jan. 25.  
Television scanning system. A. M. Nicolson. 2,108,827; Feb. 22.  
Television scanning system. F. Schröter. 2,124,404; July 19.  
Television synchronizing apparatus, Automatic. A. J. Cawley. 2,125,991; Aug. 9.  
Television system. A. V. Bedford. 2,137,010; Nov. 15.  
Television system. M. Bowman-Manifold. 2,137,262; Nov. 22.  
Television system. R. L. Campbell. 2,110,982; Mar. 15.  
Television system. W. L. Carlson. Re. 20,700; Apr. 19.  
Television system. A. J. Cawley. 2,122,337; June 28.  
Television system. R. L. Davis. 2,128,078; Aug. 23.  
Television system. O. T. Francis. 2,131,886; Oct. 4.  
Television system. F. Gray. 2,113,254; Apr. 5.  
Television system. R. S. Holmes. 2,109,618; Mar. 1.  
Television system. A. Karolus. 2,136,441-2; Nov. 15.  
Television system. H. M. Lewis and M. Cawein. 2,137,123; Nov. 15.  
Television system. W. A. Tolson. 2,124,478; July 19.  
Television system. A. W. Vance. 2,136,810; Nov. 15.  
Television system. V. K. Zworykin. 2,104,066; Jan. 4.  
Television system. V. K. Zworykin. 2,107,464; Feb. 8.  
Television system. V. K. Zworykin. 2,133,882; Oct. 18.  
Television system. V. K. Zworykin. 2,141,059; Dec. 20.  
Television system and method. L. de Forest. 2,122,456; July 5.  
Television system, Multichannel. H. E. Ives. 2,139,233; Dec.  
Television time system. A. M. Nicolson. 2,114,500; Apr. 19.  
Television transmitter. A. V. Bedford and R. D. Kell. 2,108,097; Feb. 15.  
Television transmitter. C. O. Browne. 2,122,974; July 5.  
Television transmitter. K. Schlesinger. 2,129,035; Sept. 6.  
Television tube. K. Schlesinger. 2,114,610; Apr. 19.  
Television tube. K. Schlesinger. 2,123,161; July 5.  
Television tube. K. Schlesinger. 2,126,287; Aug. 9.  
Television tube. K. Schlesinger. 2,137,353; Nov. 22.  
Television tube, High vacuum. K. Schlesinger. 2,131,192; Sept. 27.  
Television, Variable speed. A. M. Nicolson. 2,109,339; Feb. 22.  
Telltale device. B. Radtke. 2,127,753; Aug. 23.  
Telltale electric switch. H. W. Batcheller. 2,109,790; Mar. 1.  
Tellurien. J. B. Mast. 2,114,082; Apr. 12.  
Temperature, Apparatus for ascertaining and appraising effective. J. Parsons. 2,120,952; June 14.  
Temperature changing system. D. G. Taylor. 2,127,472; Aug. 16.  
Temperature compensation. O. E. Dow. 2,109,880; Mar. 1.  
Temperature compensator for pressure responsive devices. P. Kollman. 2,140,704; Dec. 20.  
Temperature conditioning plate. K. F. Grempler. 2,110,860; Mar. 15.  
Temperature control apparatus. F. F. Uehling. 2,109,872; Mar. 1.  
Temperature control apparatus. D. D. Wile and R. L. Campbell. 2,117,529; May 17.  
Temperature control, Apparatus for. I. de Florez, J. W. Gray, and E. Bach. 2,115,665; Apr. 26.  
Temperature control device. W. J. Ettinger. 2,128,807; Aug. 30.  
Temperature control device. N. Miller. 2,130,889; Sept. 20.  
Temperature control device. N. Miller and R. A. Winborne. 2,110,674; Mar. 8.  
Temperature control device. R. L. Uhl. 2,115,598; Apr. 26.  
Temperature control device. R. A. Winborne. 2,128,869; Aug. 30.  
Temperature control device. L. L. Young. 2,122,768; July 5.  
Temperature control device. L. L. Young. 2,129,484; Sept. 6.  
Temperature control device, Automatic. H. J. Long. 2,114,699; Apr. 19.  
Temperature control for hydraulic cushions. F. J. Rode. 2,113,311; Apr. 5.  
Temperature control for internal combustion engines. J. E. Brennan. 2,115,484; May 24.  
Temperature control for motion pictures. H. K. Richardson and F. A. Newcombe. 2,116,450; May 3.  
Temperature control for paper mills and the like. H. J. Smith. 2,135,627; Nov. 8.  
Temperature control for refrigerators. R. H. Money. 2,130,474; Sept. 6.  
Temperature control in a flotation process. A. J. Weinig. 2,105,294; Jan. 11.  
Temperature control means for extrusion apparatus. W. W. Kagi and R. Gillis. 2,105,083; Jan. 11.  
Temperature control means for machine lubricating systems. E. A. Ryder and W. A. Parkins. 2,107,188; Feb. 1.  
Temperature control mechanism. W. H. Edmondson. 2,127,680; Aug. 23.  
Temperature control mechanism. R. H. J. Starsmeare. 2,135,858; Nov. 8.  
Temperature control of contact masses and apparatus therefor. H. A. Shabaker and R. C. Lassiat. 2,108,081; Feb. 15.  
Temperature control process and apparatus. J. G. Bejarano. 2,139,351; Dec. 6.  
Temperature control, Summer and winter. M. O. Snediker. 2,135,294; Nov. 1.  
Temperature control system. H. R. Crago. 2,136,235; Nov. 8.  
Temperature control system. G. H. Fisher. 2,109,062; Feb. 22.  
Temperature control system. J. P. Kriechbaum. 2,109,862; Mar. 1.  
Temperature control system. M. R. Miller. 2,136,559; Nov. 15.  
Temperature control system. R. E. Newell. 2,121,977; June 28.  
Temperature control system. P. B. Parks. 2,138,505; Nov. 29.  
Temperature control system, Automatic. R. E. Hellmund. 2,134,513; Oct. 25.  
Temperature control system, Correlative. P. B. Parks and W. M. Smith. 2,108,507; Feb. 15.  
Temperature control system for ovens heated by hydrocarbon burners. E. Hillebrand. 2,117,556; May 17.  
Temperature controller for electric flatirons, etc., Automatic. F. W. Carpenter. 2,104,970; Jan. 11.  
Temperature controlling means for railway cars. J. F. Frese. 2,117,243; May 10.  
Temperature controlling system, Room. L. M. Persons. 2,131,295; Sept. 27.  
Temperature indicating means for culinary vessel closure. F. A. Nodine. 2,137,094; Nov. 15.  
Temperature indicator. E. F. Bacon. 2,113,610; Apr. 12.  
Temperature indicator. H. Chase. 2,139,805; Dec. 13.  
Temperature indicator. G. E. Ford. 2,127,592; Aug. 23.  
Temperature limiting device for hot water systems. L. D. Lovelkin. 2,107,673; Feb. 8.  
Temperature measuring device. I. L. Canuteson. 2,107,468; Feb. 8.  
Temperature of flowing media, Regulating the. C. F. Rosenblad. 2,104,333; Jan. 4.  
Temperature of nitration reactions, Controlling. P. G. Wrightsman. 2,140,345; Dec. 13.  
Temperature or pressure control by flow regulation. L. C. Irwin. 2,140,747; Dec. 20.  
Temperature regulating system. F. W. Hottenroth, Jr. 2,118,647; May 24.  
Temperature regulation. G. Kurlbaum. 2,104,563; Jan. 4.  
Temperature regulation. C. A. Otto. 2,120,507; June 14.  
Temperature regulation, Automatic. R. C. Muir. 2,130,894; Sept. 20.  
Temperature regulator. J. E. Dube. 2,132,290; Oct. 4.  
Temperature regulator. J. V. Giesler and J. E. Dube. 2,127,059; Aug. 16.  
Temperature regulator and distributor, Fuel. O. C. Betry. 2,125,216; July 26.  
Temperature responsive device. E. Gruber. 2,123,568; July 12.  
Temperatures, Creating high. R. H. Russell. 2,104,311; Jan. 4.  
Temperatures, Electromagnetic system for the automatic regulation of. H. Moreau. 2,137,059; Nov. 15.  
Temperatures, Measuring. J. Miller. 2,136,055; Nov. 8.  
Tempering machine. B. H. Urschel. 2,120,584; June 14.  
Template follower. J. L. Anderson. 2,130,373-4; Sept. 20.  
Temple roll. C. D. Brown. 2,123,824; July 12.  
Temple roll. T. Henderson. 2,123,726; July 12.  
Temple roller. H. W. Fehr. 2,108,013; Feb. 8.  
Templet for marking trouser cuffs. R. C. Blach. 2,133,417; Oct. 18.  
Tenaculum. S. Meeker. 2,108,206; Feb. 15.  
Tendon puller. E. A. Corbin, Jr. 2,115,008; Apr. 26.  
Tennis ball receptacle. W. Marx. 2,134,411; Oct. 25.  
Tennis racket. H. G. Ranger. 2,141,824; Dec. 27.  
Tennis racket and the like. W. B. F. Hall. 2,120,280; June 14.  
Tennis set. J. L. Kleinman. 2,128,948; Sept. 6.  
Tens carry mechanism. P. Brüning. 2,114,650; Apr. 19.  
Tens transmitting device for adding machines. T. O. R. Dahlberg. 2,128,403; Aug. 30.  
Tensile testing apparatus. H. J. Wock. 2,141,284; Dec. 27.  
Tension adjusting device for sewing machine belts. A. Gordon. 2,110,439; Mar. 8.  
Tension compensator. R. S. Begg. 2,130,916; Sept. 20.  
Tension device. W. B. Freeman. 2,117,412; May 17.  
Tension device. R. H. Lawson and W. L. Smith, Jr. 2,124,001; July 19.  
Tension device. W. F. Simonson. 2,122,896; July 5.  
Tension device for bobbins, Automatic. J. V. Mann. 2,109,543; Mar. 1.  
Tension for loom shuttles. R. G. Turner. 2,141,675; Dec. 27.  
Tension of embalming fluids, Adjusting the surface. H. I. Jones. 2,113,842; Apr. 12.



- Tension or pressure on the medulla oblongata and adjacent tissues, Apparatus for locating. H. Robinson. 2,111,677; Mar. 22.
- Tension testing machine. M. L. Kochheiser and S. A. Steere. 2,136,344; Nov. 8.
- Tensioning apparatus for material rolls. W. E. Crist, Jr. 2,121,902; June 28.
- Tensioning assembly. A. Osolin. 2,139,642; Dec. 6.
- Tensioning device. C. H. Ramsey. 2,139,913; Dec. 13.
- Tensioning device for chains. J. Weller. 2,141,118; Dec. 20.
- Tensioning device for transmission chains and the like. J. Weller. 2,130,571; Sept. 20.
- Tent. D. W. Norvell. 2,137,625; Nov. 22.
- Tent. F. M. Powers. 2,118,572; May 24.
- Tent. J. C. Pyatt. 2,113,118; Apr. 5.
- Tent base. E. Hungrige. 2,120,180; June 7.
- Tent, Beach. R. L. Morgan. 2,125,801; Aug. 2.
- Tent, Collapsible. G. Erickson and T. Berglund. 2,130,919; Sept. 20.
- Tent construction. T. C. Powers. 2,139,035; Dec. 6.
- Tent frame. E. P. Chenoweth. 2,135,961; Nov. 8.
- Tent or awning, Contractible. W. F. Hewlett. 2,107,608; Feb. 8.
- Tenter drier. F. B. Morrill. 2,109,704; Mar. 1.
- Tentering machine. R. E. Rusden. 2,121,101; June 21.
- Terminal assembly. H. Catron, R. L. Dashner, and M. W. Morris. 2,131,581; Sept. 27.
- Terminal assembly. F. A. Dotterer. 2,128,513; Aug. 30.
- Terminal box. A. Hewitt. 2,106,003; Jan. 18.
- Terminal, Cord. A. S. Howell. 2,130,585; Sept. 20.
- Terminal, Electric cord. R. F. Sambleson. 2,112,680; Mar. 29.
- Terminal, Flexible control. R. Chilton. 2,128,986; Sept. 6.
- Terminal for batteries, Cap. E. H. Richter. 2,110,055; Mar. 1.
- Terminal for electric cables. C. L. Marks. 2,125,121; July 26.
- Terminal for electrolytic cells, Closure and connection. J. W. Baer. 2,113,126; Apr. 5.
- Terminal for meters, Blade. T. D. Barnes and W. G. Mylius. 2,125,060; July 26.
- Terminal for neon tubes, Insulating. R. C. Baker. 2,120,480; June 14.
- Terminal, Hollow strand. E. O. Wahlstrom. 2,141,098; Dec. 20.
- Terminal lug, Wire. M. B. Nieman. 2,109,073; Feb. 22.
- Terminal post support and heel cover. N. D. Vea. 2,133,600; Oct. 18.
- Terminal prong with integral lug, Electrical. A. M. Draving. 2,125,713; Aug. 2.
- Terminal protector. P. E. Anderson. 2,141,503; Dec. 27.
- Terminal receptacle for gas range oven lights. J. Becvar. 2,137,641; Nov. 22.
- Terminal strip. W. W. Brown. 2,140,894; Dec. 20.
- Terminal structure. C. C. Abbott. 2,131,577; Sept. 27.
- Terminal structure for electrical devices, Contacting. M. Lazarus. 2,129,947; Sept. 13.
- Termite control. E. L. Fellman. 2,135,391; Nov. 1.
- Termite repellent. N. P. Easling. 2,139,225; Dec. 6.
- Terne coating. H. A. Roemer and R. F. Renkin. 2,126,578; Aug. 9.
- Terpene, abietyl compounds, etc., Sulphurizing. J. N. Borglin. 2,111,882; Mar. 22.
- Terpene ethers, Preparation of. I. H. Humphrey. 2,136,011; Nov. 8.
- Terra cotta grinding machine. F. Y. Pearne and G. P. Fack. 2,120,570; June 14.
- Terracing and ditching machine. H. M. Murphy. 2,141,693; Dec. 27.
- Terracing device. R. C. Thompson. 2,125,134; July 26.
- Terrazzo grinding apparatus. A. W. Mall. 2,106,033; Jan. 18.
- Test for syphilis and preparing the reagent used in performing the test. G. F. Laughlen. 2,111,976; Mar. 22.
- Test terminal. O. H. Eichblatt. 2,116,388; May 3.
- Tester. C. W. Vogt and G. A. Humason. 2,107,655; Feb. 8.
- Testing. C. E. Betz and F. B. Doane. 2,128,228; Aug. 30.
- Testing. G. R. Greenslade. 2,104,646; Jan. 4.
- Testing and apparatus therefor, Method of. G. R. Greenslade. 2,104,643; Jan. 4.
- Testing and apparatus therefor, Methods of. G. R. Greenslade. 2,104,644; Jan. 4.
- Testing and calibrating machine. F. G. Schwellsthal and W. S. Hansen. 2,127,272; Aug. 16.
- Testing and classifying bonded granular bodies. R. L. Melton. 2,107,186; Feb. 1.
- Testing apparatus. C. P. Bartgis. 2,108,637; Feb. 15.
- Testing apparatus. W. J. Bartlett. 2,118,137; May 21.
- Testing apparatus. A. V. de Forest. 2,110,759; Mar. 8.
- Testing apparatus. B. B. Martensson. 2,105,542; Jan. 18.
- Testing apparatus. F. F. Stratford. 2,104,441; Jan. 4.
- Testing apparatus for internal combustion engines. G. M. Spacher. 2,112,570; Mar. 29.
- Testing arrangement for circuit interrupting devices. R. Wilhelm and G. Frilhaft. 2,104,629; Jan. 4.
- Testing arrangement for electron discharge devices and operating same. D. K. Gannett. 2,118,919; May 31.
- Testing device. B. Glaimo. 2,118,703; May 24.
- Testing device. R. W. Robins. 2,130,632; Sept. 13.
- Testing device. A. B. Spyut. 2,126,932; Aug. 16.
- Testing device. A. Travis. 2,112,638; Mar. 29.
- Testing device. K. S. Vosbury. 2,126,434; Aug. 9.
- Testing device. W. L. Wettlauffer. 2,108,877; Feb. 22.
- Testing device for multiple cylinder internal combustion engines. W. E. Haupt. 2,113,137; Apr. 5.
- Testing device for multiple cylinder internal combustion engines. W. E. Haupt. 2,125,277; Aug. 2.
- Testing device for search units of flaw detectors. L. J. De Lanty. 2,113,783; Apr. 12.
- Testing device for shock absorbers. R. G. Berry. 2,133,843; Oct. 18.
- Testing device for wetting agents. I. M. Colbeth. 2,121,423; June 21.
- Testing machine. B. T. Perry. 2,114,029; Apr. 12.
- Testing machine and measuring device therefor. J. T. Dalcher. 2,126,175; Aug. 9.
- Testing machine, Universal. B. L. Lewis. 2,125,116; July 26.
- Testing means for fire protection systems. S. E. Allen. 2,132,918; Oct. 11.
- Testing system. C. N. Hickman and B. A. Kingsbury. 2,106,350; Jan. 25.
- Tetrachlorethylene, Producing. G. Basel and E. Schaeffer. 2,139,219; Dec. 6.
- Tetrachloride monosulphate, Producing diferric. E. A. Slagle. 2,137,361; Nov. 22.
- Tetrachloroethylene, Purifying. A. W. Hanson. 2,120,668; June 14.
- Textile. K. E. Prindle. 2,129,504; Sept. 6.
- Textile, Absorbent. C. P. Coulter, Jr. 2,122,175; June 28.
- Textile and method of finishing. B. Wolf, W. Kling, and M. Rau. 2,108,520; Feb. 15.
- Textile and other materials, Treatment of. H. Dreyfus. 2,107,526; Feb. 8.
- Textile apparatus. W. A. Dickle and R. W. Moncrieff. 2,105,474; Jan. 18.
- Textile article. A. J. Steinberger. 2,126,835; Aug. 16.
- Textile cleaning tool. M. M. Silverman. 2,116,645; May 10.
- Textile drafting apparatus. J. Elzer. 2,107,818; Feb. 8.
- Textile fabric, Porous. E. V. Asten. 2,110,388; Mar. 8.
- Textile fiber. M. E. Cuperly. 2,123,502; July 12.
- Textile fibers, Opening and cleaning of. J. Monforts and J. Coussement. 2,137,093; Nov. 15.
- Textile fibers, Treatment of. H. A. Stafford. 2,122,593; July 5.
- Textile frame. W. T. Bakely. 2,108,424; Feb. 15.
- Textile machine. N. Stoddard. 2,125,823; Aug. 2.
- Textile machine. W. S. Tandler and G. Fisher. 2,136,064; Nov. 8.
- Textile machine. W. S. Tandler and G. Fisher. 2,136,090; Nov. 8.
- Textile machine attachment. J. V. Polcha. 2,108,509; Feb. 15.
- Textile machinery. N. Redman. 2,130,599; Sept. 20.
- Textile machinery, Cleaning. E. J. Eaddy. Re. 20,917; Nov. 15.
- Textile machinery cleaning apparatus. W. B. Hodge. 2,128,207; Aug. 23.
- Textile manufacture. P. H. Walsh. 2,107,458; Feb. 8.
- Textile material. G. Slayter. 2,133,237; Oct. 11.
- Textile material. A. J. Steinberger. 2,126,834; Aug. 16.
- Textile material, Reinforced. A. J. Steinberger. 2,126,833; Aug. 16.
- Textile materials comprising organic derivatives of cellulose, Treatment of. H. Platt and A. W. Bergeron. 2,111,225; Mar. 15.
- Textile materials of mixed types of fibers, Finishing of. D. H. Jones. 2,125,925; Aug. 9.
- Textile materials, Treatment of. J. Brandwood. 2,127,638; Aug. 23.
- Textile materials, Treatment of. D. Finlayson and R. G. Perry. 2,139,542; Dec. 6.
- Textile materials, Treatment of. H. A. Schwartz. 2,105,509; Jan. 18.
- Textile operation. K. M. Uphill and T. Jackson. 2,130,016; Sept. 13.
- Textile or the like postproofing medium and use. H. Martin. 2,127,879; Aug. 23.
- Textile packages for subsequent treatment, Method and apparatus for preparing batches of. R. Little. 2,139,553; Dec. 6.
- Textile printing. R. E. Goldstein, S. T. McQueen, and D. A. W. Fairweather. 2,110,081; Mar. 1.
- Textile printing machine. J. J. Dolphi and H. Hiltze. 2,104,417; Jan. 4.
- Textile products and making same. C. Dreyfus. 2,115,329; Apr. 26.
- Textile products, Manufacture of. H. Dreyfus. 2,120,551; June 14.
- Textile sliver, roving or yarn, Process and mechanism for drafting. O. S. Carless. 2,111,139; Mar. 15.
- Textile treatment. A. C. Fischer. 2,127,252; Aug. 16.
- Textile webs, Apparatus for operating upon. A. Kilmale. 2,114,716; Apr. 19.
- Textiles and the apparatus therefor, Dyeing, extracting, and drying various. E. A. Stienen. 2,137,632; Nov. 22.
- Textiles, Dyeing of. K. Ott and O. Storb. 2,116,317; Apr. 26.
- Textiles, Dyeing of. B. Schirm. 2,123,154; July 5.
- Textiles, Finishing. W. J. Thackston. 2,137,465; Nov. 22.



- Textiles resistive against shrinking and product thereof, Rendering. C. Bener. 2,121,006; June 21.
- Textiles, Treatment of. A. Nathansohn. 2,130,150; Sept. 13.
- Textiles with calender finish permanent to washing and product thereof, Producing. C. Bener. 2,121,005; June 21.
- Thawing attachment for the hose connections and radiator of an internal combustion engine. O. E. Asper. 2,137,231; Nov. 22.
- Theater and cinematograph exhibitions, Harmonious melting of combined. G. Guidorossi. 2,116,114; May 3.
- Theater and the like, Antipanic. A. B. Christensen. 2,136,841; Nov. 15.
- Theft alarm switch. J. F. Huss. 2,130,303; Sept. 13.
- Theft prevention device, Electricity. E. A. Mitchell. 2,117,565; May 17.
- Theme finder. W. O. Miessner. 2,138,875; Dec. 6.
- Theodolite. C. H. Veeder. 2,109,186; Feb. 22.
- Theophylline-piperazine preparations. K. Rimböck. 2,128,851; Aug. 30.
- Therapeutic agent for use in the treatment of infection. B. Gruskin. 2,120,667; June 14.
- Therapeutic apparatus. J. E. Crewe. 2,115,482; Apr. 26.
- Therapeutic apparatus. A. N. Gray. 2,113,253; Apr. 5.
- Therapeutic appliance. F. G. McGaw. 2,110,069; Mar. 1.
- Therapeutic composition. J. H. Wright. 2,125,212; July 26.
- Therapeutic compounds, Making. O. B. Wanshenk. 2,123,218; July 12.
- Therapeutic derivative of the genus *lactuca* and preparing same. G. Schenck. 2,107,839; Feb. 8.
- Therapeutic light ray apparatus. L. J. Bristow and F. F. Strong. 2,123,709; July 12.
- Therapeutic organic compound, Manufacture of a. H. E. Brown. 2,134,031; Nov. 1.
- Therapeutic preparation of colloidal sulphur. R. L. High. 2,138,546; Nov. 29.
- Therapeutic pump. N. L. Mercur. 2,114,567; Apr. 19.
- Therapeutic rays, Method of and apparatus for producing. E. W. Boerstler. 2,114,173; Apr. 12.
- Therapeutic treatment. H. L. Warwick. 2,123,980; July 19.
- Therapeutical appliance and making the same. R. W. Albright. 2,108,934; Feb. 22.
- Thermal controlling device. V. W. Breitenstein. 2,138,593; Nov. 29.
- Thermal cut-out. H. A. Triplett and S. I. Lindell. 2,134,011; Oct. 25.
- Thermal decomposition of oxy-compounds. H. S. Booth. 2,112,904; Apr. 5.
- Thermal motor protective device. V. G. Vaughan and E. K. Clark. 2,134,540; Oct. 25.
- Thermal relay. R. T. Kintzing. 2,140,362; Dec. 13.
- Thermal responding indicator. R. R. Sprole. 2,118,742; May 24.
- Thermal system. E. S. Cornell, Jr. 2,115,706; May 3.
- Thermal system, Conditioned air supplying and air withdrawing. E. S. Cornell, Jr. 2,140,787; Dec. 20.
- Thermionic measuring device. S. A. Scherbatsky and J. Neufeld. 2,120,880; Sept. 13.
- Thermionic oscillation generator. E. B. Moullin. 2,118,414; May 24.
- Thermionic relay circuits. A. H. Lamb. 2,127,977; Aug. 23.
- Thermocouple. R. C. Mason. 2,137,057; Nov. 15.
- Thermocouple, High temperature. F. Hartmann. 2,137,280; Nov. 22.
- Thermocouple system. W. K. McCoy. 2,109,396; Feb. 22.
- Thermocouple, Vacuum. L. S. Nergaard. 2,122,262; June 28.
- Thermocouple well. A. Krieg. 2,135,720; Nov. 8.
- Thermoelectric converter. H. G. Pack. 2,126,656; Aug. 9.
- Thermopneumatic dash unit, Electric. B. H. Schwarze and R. H. Bigler. 2,139,385; Dec. 6.
- Thermometer. M. F. Betzold, C. Rascher, and C. A. Torp. 2,104,218; Jan. 4.
- Thermometer. J. A. M. Bising. 2,119,126; May 31.
- Thermometer. F. G. Bloch. 2,112,555; Mar. 29.
- Thermometer. H. B. Brown. 2,112,648; Mar. 29.
- Thermometer. J. L. Chaney. 2,117,942; May 17.
- Thermometer. C. Nurnberg. 2,119,344; May 31.
- Thermometer. C. C. Schwieso. 2,106,507; Jan. 25.
- Thermometer and the like. L. F. and J. L. Chaney. 2,111,071; Apr. 12.
- Thermometer case. R. Romolgo. 2,116,283; May 3.
- Thermometer, Clinical. K. Kashiwagi. 2,109,825; Mar. 1.
- Thermometer, Recording. M. O. Snediker. 2,131,573; Sept. 27.
- Thermometer, Resistance. J. A. Obermaier. 2,131,065; Sept. 27.
- Thermometer well. F. J. Harlow. 2,139,582; Dec. 6.
- Thermometers in hospitals, Device for treating. R. W. Nelson. 2,110,308; Mar. 8.
- Thermopneumatic valve. J. A. Gabriel. 2,132,262; Oct. 4.
- Thermopneumatic composition. J. A. C. Bowles and R. L. McFarlan. 2,118,586; May 24.
- Thermoplastic adhesive and laminated fabric comprising same. R. M. Friedberg. 2,120,054; June 7.
- Thermoplastic polymerization products, Production of. C. Wulff and E. Borrer. 2,122,805; July 5.
- Thermoplastic sheets, Apparatus for shaping. E. L. Helwig. 2,123,552; July 12.
- Thermoplastics, Molding. F. W. Cotterman. 2,104,189; Jan. 4.
- Thermos carrier. J. L. Weiner. 2,123,031; July 5.
- Thermosensitive instrument. R. E. Olson and K. L. Tate. 2,123,019; July 5.
- Thermostat. E. Bletz. 2,121,582; June 21.
- Thermostat. E. Juchheim. 2,108,338; Feb. 15.
- Thermostat. C. G. Kronmiller. 2,120,938; June 14.
- Thermostat. W. W. Robinson. 2,124,633; July 26.
- Thermostat. A. A. Strand. 2,118,240; May 24.
- Thermostat. S. Vernet. 2,115,501-2; Apr. 26.
- Thermostat, Adjustable metallic. P. B. Parks. 2,129,477; Sept. 6.
- Thermostat assemblies, Evacuating. L. M. Persons. 2,135,839; Nov. 8.
- Thermostat assembly. H. A. Smith. 2,117,578; May 17.
- Thermostat, Clock. A. G. McNicoll. 2,117,768; May 17.
- Thermostat, Electric. S. G. Eskin. 2,121,079; June 21.
- Thermostat, Electrical. A. J. Kercher. 2,116,836; May 10.
- Thermostat for electric circuits. E. Collins, 3d. 2,127,159; Aug. 16.
- Thermostat for electric ranges. E. L. Fonseca. 2,125,627; Aug. 2.
- Thermostat, Snap acting. R. A. Weinhardt. 2,139,921; Dec. 13.
- Thermostat switch. G. A. F. Winckler. 2,116,858; May 10.
- Thermostatic control. J. S. Bokeeno. 2,113,227; Apr. 5.
- Thermostatic control. K. W. Du Bois. 2,123,672; July 12.
- Thermostatic control device. O. J. Gross and J. H. Woolhiser. 2,106,001; Jan. 18.
- Thermostatic control device. C. E. O. Kriegstedt. 2,116,436; May 3.
- Thermostatic control for temperature regulating systems. P. B. Parks and W. M. Smith. 2,110,168; Mar. 8.
- Thermostatic control switch. A. Christensen. 2,124,999; July 26.
- Thermostatic control system. E. Bletz. 2,137,073; Nov. 13.
- Thermostatic control valve. S. W. E. Andersson and I. Tornkvist. 2,140,947; Dec. 20.
- Thermostatic device. F. C. Leonard and G. Ross. 2,110,884; Mar. 15.
- Thermostatic device. R. Varley. 2,141,775; Dec. 27.
- Thermostatic device, Induction. J. W. Thompson and V. E. Metcalfe. 2,127,575; Aug. 23.
- Thermostatic devices, Method and apparatus for charging. P. E. Cate. 2,126,532; Aug. 9.
- Thermostatic elements. F. A. Parsons. 2,121,259; June 21.
- Thermostatic fitting. P. H. Thompson, II. 2,106,668; Jan. 25.
- Thermostatic mechanism. C. M. Hathaway. 2,114,184; Apr. 12.
- Thermostatic mixing valve. L. Gitzendanner. 2,138,852-3; Dec. 6.
- Thermostatic overload switch. H. J. Hammerly. Re. 20,649; Feb. 8.
- Thermostatic switch. M. Guett. 2,116,394; May 3.
- Thermostatic switch. T. G. Richmond. 2,113,495; Apr. 5.
- Thermostatic switch, Oven. E. H. Lockwood and E. Bletz. 2,112,035; Mar. 22.
- Thermostatic system, Reversible. E. A. Bailey. 2,134,498; Oct. 25.
- Thermostatic unit. W. B. Clifford. 2,120,929; June 14.
- Thermostatic valve. C. F. Alban and S. R. Hood. 2,109,628; Mar. 1.
- Thermostatically controlled apparatus. H. J. H. Wassell. 2,129,803; Sept. 13.
- Thermostatically controlled device. J. A. Spencer. Re. 20,835; Aug. 23.
- Thiazole compounds. R. R. Williams. 2,134,015; Oct. 25.
- Thiazole compounds and making them. E. R. Buchman. 2,133,969; Oct. 25.
- Thiazole compounds and manufacture thereof. H. Andersag and K. Westphal. 2,139,570; Dec. 6.
- Thiazoles, Making mercapto aryl. A. M. Clifford. 2,123,841; July 12.
- Thiazoles, Purification of mercapto aryl. I. Williams and B. M. Sturgis. 2,137,820; Nov. 22.
- Thiazyl mercaptide derivatives. J. G. Lichty. 2,129,621; Sept. 6.
- Thickening, stirring, or agitating apparatus. H. Kepper. 2,122,287; June 28.
- Thickness, Apparatus for measuring. H. C. Hayes. 2,105,479; Jan. 18.
- Thickness gauge. J. P. Brunt and E. E. Maston. 2,138,290; Nov. 29.
- Thickness indicator for papermaking machines. P. J. Fitzgerald. 2,117,841; May 17.
- Thief tube. J. F. Blake. 2,137,128; Nov. 15.
- Thimble, Sewing. W. M. Odom. 2,113,994; Apr. 12.
- Thin metal container. J. H. Fridén. 2,112,085; Mar. 22.
- Thinning and weeding machine. A. M. Feters. 2,134,816; Nov. 1.
- Thiocarbanilid derivative. F. A. Brinker. 2,118,293; May 24.



- Thiocarbanilide derivatives. R. L. Jenkins and M. M. Levine. 2,106,552; Jan. 25.
- Thiocyanic dithiocarbamic anhydrides and making the same. J. Claudin. 2,139,935; Dec. 13.
- Thioethers of alpha anthraquinone. Manufacture of. T. L. Cantrell and J. O. Turner. 2,109,464; Mar. 1.
- Thiolindoxyl-anil and making the same. E. Havas. 2,127,483; Aug. 16.
- Thiolindoxyl derivative and making the same. E. Havas. 2,127,484; Aug. 16.
- Thiourea derivatives. P. L. Salzberg. 2,139,697; Dec. 13.
- Thrashing and separating device, Centrifugal. W. J. Leach. 2,115,639; Apr. 26.
- Thread and fabric, Textile. W. A. Dickie and R. W. Moncrieff. 2,133,435; Oct. 18.
- Thread and making same, Artificial. H. H. Parker and G. P. Standley. 2,130,247; Sept. 13.
- Thread and preparing same, Artificial. E. V. Lewis and S. W. Brainard. 2,122,290; June 28.
- Thread and producing same, Treated artificial. L. Lilienfeld. 2,112,499; Mar. 29.
- Thread, Apparatus for after-treatment of fresh made rayon. K. Nakane. 2,109,301; Feb. 22.
- Thread, Apparatus for forming rubber. T. L. Shepherd. 2,125,034; July 26.
- Thread, Artificial. R. Picard and A.-M. Oriol. 2,120,990; June 21.
- Thread carrier device. E. F. Richter and J. E. Garrett. 2,104,815; Jan. 11.
- Thread catcher, Double action. L. Drolet. 2,141,062; Dec. 20.
- Thread cleaner. S. Hyslop. 2,126,779; Aug. 16.
- Thread cleaner. H. R. Schmadeke. 2,131,859; Oct. 4.
- Thread cleaner bracket. H. Sarfert and A. A. Arnold. 2,118,623; May 24.
- Thread cleaning device. S. Hyslop. 2,126,780; Aug. 16.
- Thread clipping machine. F. Y. Kitzmiller. 2,113,112; Apr. 5.
- Thread-cutter drill. F. L. Scott. 2,104,820; Jan. 11.
- Thread cutting machine. C. G. Dauber. 2,124,105; July 19.
- Thread cutting machine for finish rings. H. J. Thomas. 2,118,989; May 31.
- Thread cutting temple. C. D. Brown. 2,133,729; Oct. 18.
- Thread-cutting tool, Automatic-releasing. A. F. Breitenstein. 2,135,067; Nov. 1.
- Thread forming chaser supporting and adjusting means. J. S. Bartek. 2,119,036; May 31.
- Thread forming fastener. C. G. Olson. 2,122,915; July 5.
- Thread forming mechanism. F. Nell. 2,131,965; Oct. 4.
- Thread guide brake. W. Heinitz. 2,127,771; Aug. 23.
- Threadlike articles, Method and apparatus for transferring. A. H. Burkholder. 2,131,723; Oct. 4.
- Thread, Manufacture of artificial. H. H. Parker. 2,133,714; Oct. 18.
- Thread, Manufacture of rubber. U. Pestalozza. 2,127,070; Aug. 16.
- Thread, Manufacturing metal coated. K. Fujii and S. Iwamoto. 2,109,839; Mar. 1.
- Thread, Method and apparatus for producing artificial. G. M. Karns. 2,139,449; Dec. 6.
- Thread, Method of and new and improved mechanism for producing. G. D. Kratz. 2,133,821; Oct. 18.
- Thread or fabric treatment. J. I. Taylor and K. T. Schaefer. 2,139,389; Dec. 6.
- Thread or the like, Apparatus for determining and indicating variations in thickness of. H. P. Luhn. 2,122,152; June 28.
- Thread or the like, Manufacture of. H. B. Kline. 2,136,386; Nov. 15.
- Thread or the like, Manufacture of. H. B. Kline, W. F. Knebusch, and A. H. Burkholder. 2,115,025; Apr. 26.
- Thread or yarn, and machine for making same, Making rubber. W. M. Spencer. 2,116,222; May 3.
- Thread or yarn and manufacturing the same, Elastic or rubber. T. L. Shepherd. 2,131,981; Oct. 4.
- Thread, Producing artificial. H. H. Parker. 2,133,715; Oct. 18.
- Thread protector. L. H. Lytle. 2,121,436; June 21.
- Thread protector. J. M. Shimer. 2,133,049; Oct. 11.
- Thread, Rubber. J. R. Gammeter. 2,107,032; Feb. 1.
- Thread, Semirigid elastic. S. W. Alderfer. 2,112,616; Mar. 29.
- Thread spool cabinet. A. Lister and A. B. Frenning. 2,128,781; Aug. 30.
- Thread store device. L. E. Lovett. 2,136,556; Nov. 15.
- Thread tensioning device for braiding machines and the like. H. Janssen. 2,121,736; June 21.
- Thread-tensioning device for circular loom shuttles. W. A. Dickie and F. C. Hale. 2,132,462; Oct. 11.
- Thread winding apparatus. E. M. Wilson. 2,131,130; Sept. 27.
- Threaded fastener. C. G. Olson. 2,113,600; Apr. 12.
- Threaded joint. C. Cargile. 2,140,467; Dec. 13.
- Threader, Spring curtain. P. Petri. 2,121,712; June 21.
- Threading die. W. O. Thewes. 2,110,099; Mar. 1.
- Threads and fabrics, Production of textile. H. Dreyfus. 2,118,840; May 31.
- Threads and fabrics, Production of textile. H. Dreyfus. 2,127,554; Aug. 23.
- Threads, Apparatus for equalizing the tension on a plurality of. T. M. Moran. 2,126,271; Aug. 9.
- Threads, Apparatus for washing artificial. E. M. Wilson. 2,123,689; July 12.
- Threads, bands, films, and the like, Manufacture of. W. Harz and W. Schieber. 2,129,213; Sept. 6.
- Threads, Dressing textile. H. H. Freund. 2,126,000; Aug. 9.
- Threads, filaments, and the like, Manufacture of artificial. H. J. Hegan. 2,128,818; Aug. 30.
- Threads from solutions of materials, Manufacture of. M. E. Cupery. 2,133,322; Oct. 18.
- Threads from viscose, Manufacture of. W. Zetzsche and E. Graumann. 2,105,852; Jan. 18.
- Threads, Making tubular artificial textile. R. Picard and R. Fays. 2,136,462; Nov. 15.
- Threads, Manufacture of artificial. W. Maier. 2,122,801; July 5.
- Threads, Method of and apparatus for manufacturing rubber. H. Schüller, E. Matzner and A. Kailich. 2,124,636; July 26.
- Threads of rubber or the like, Making or producing elastic. T. L. Shepherd. 2,122,726; July 5.
- Threads or filaments of artificial silk and the like, Production or manufacture of. T. L. Shepherd. 2,125,032; July 26.
- Threads, Preparation and use of textile. W. Whitehead. 2,127,624; Aug. 23.
- Threads, Preparing tubular artificial textile. R. Picard and R. Fays. 2,136,463-4; Nov. 15.
- Threads, Process and apparatus for twisting. C. C. Jessen. 2,131,893; Oct. 4.
- Threads, Production of caoutchouc. H. Schüller, E. Matzner and A. Kailich. 2,124,637; July 26.
- Threads, Production of extensible bundles of artificial. H. van Beek and T. Clapham. 2,127,283; Aug. 16.
- Threads, Production of folded textile. J. Brandwood. 2,137,264; Nov. 22.
- 3,5-diiodo-5-hydroxy acylophenone compounds and producing the same. M. Dohrn and P. Diedrich. 2,116,104; May 3.
- Three-high mill. W. Stringham. 2,118,715; May 24.
- 3-nitro-4-alkyl phenols. Mercimated. W. G. Christiansen and E. Moness. 2,140,509; Dec. 20.
- Three-phase apparatus, Protecting. L. J. Meller and K. H. Miner. 2,122,107; June 28.
- 3,3'-dichlorobenzidine mineral acid salts, Purification of. H. G. Bowls. 2,123,710; July 12.
- Thresher screen. S. F. D. Petersen. 2,105,986; Jan. 18.
- Threshing machine frame. H. Raussendorf. 2,106,123; Jan. 18.
- Threshold. W. C. Hoffman. 2,132,471; Oct. 11.
- Threshold. P. R. Oftedal and D. G. Kingsley. 2,108,137; Feb. 15.
- Threshold construction. M. S. Oftedal and W. S. Dykeman. 2,129,381; Sept. 6.
- Throttle and transmission interlock. O. K. Kelley. 2,106,607; Jan. 25.
- Throttle valve. A. Rosch. 2,114,858; Apr. 19.
- Thrust bearing. A. Kingsbury. 2,110,464; Mar. 8.
- Thrust collar. A. Kurti. 2,108,679; Feb. 15.
- Thyroxin, Preparing. C. L. Lautenschläger, W. Ludwig, and P. von Mutzenbecher. 2,130,985; Sept. 20.
- Ticket canceling machine. W. P. Harris. 2,110,797; Mar. 8.
- Ticket distributing system, Pneumatic. L. N. Hampton and A. K. Smith. 2,126,549; Aug. 9.
- Ticket issuing machine. H. D. Black and A. A. C. Degen. 2,115,760; May 3.
- Ticket issuing machine. R. H. Helsel. 2,120,976; June 21.
- Ticket issuing machine. R. H. Helsel. 2,125,443; Aug. 2.
- Ticket printer, Merchandise. A. C. Kirshner. 2,105,660; Jan. 18.
- Ticket printing and issuing machine. D. H. Kinnard and H. F. Ford. 2,137,915; Nov. 22.
- Ticket printing and issuing machine for totalizers. J. Handley. 2,111,927; Mar. 22.
- Ticket printing and issuing machine for totalizers. J. Handley. 2,135,574; Nov. 8.
- Ticket printing machine. G. W. Henry, Jr. 2,104,647; Jan. 4.
- Ticket, Protection. H. P. Knoble. 2,121,203; June 21.
- Ticket punching device. P. Demetrikopoulos. 2,114,410; Apr. 19.
- Ticket registering and checking machine, Automatic. A. Bolognino and J. Jackson. 2,131,681; Nov. 1.
- Ticket strip. C. A. Flood. 2,121,865; June 28.
- Tickets and the like, Apparatus for stamping of. H. Reinholdtsen. 2,104,573; Jan. 4.
- Tide motor. R. G. Kissel. 2,111,099; Mar. 15.
- Tie and clamp means for concrete forms. J. J. Hills. 2,135,509; Nov. 8.
- Tie and collar holder. W. J. Grubb. 2,130,040; Sept. 20.
- Tieback for curtains, Novelty appliqué. A. Jansochian. 2,139,562; Dec. 6.
- Tieback, Window curtain. W. Egger. 2,108,198; Feb. 15.
- Tie plate and rail retaining clip. G. T. Willard. 2,141,891; Dec. 27.
- Tie base, Producing a. F. W. Corkery. 2,135,429; Nov. 1.
- Tie, Bonding rail joint. D. R. Richardson. 2,117,450; May 17.
- Tie clamp. J. Vartz. 2,124,502; July 19.
- Tie, Concrete form. A. V. Roemisch. 2,133,574; Oct. 18.



- Tie cutting machine, Railway. R. S. Kniffen. 2,114,053; Apr. 12.
- Tie for railways, Cross. W. E. Davis. 2,120,887; June 14.
- Tie, Four-in-hand. I. D. Wolfson. 2,105,306; Jan. 11.
- Tie holder. O. Carlson. 2,111,166; Mar. 16.
- Tie holder. J. McCracken. 2,117,969; May 17.
- Tie holder construction. W. J. Morse. 2,134,394; Oct. 25.
- Tie mounting. C. H. Klages. 2,133,328; Oct. 18.
- Tie package, Bale. A. F. Bradley. 2,124,503; July 19.
- Tie package, Bale. H. W. Hill. 2,124,506; July 19.
- Tie plate. H. A. Grosser. 2,127,403; Aug. 16.
- Tie plate and rail clip. G. T. Willard. 2,140,344; Dec. 13.
- Tie plate and rail cushion retainer. G. T. Willard. 2,108,460; Feb. 15.
- Tie plate and rail fastener. H. C. and M. L. Myer. 2,113,100; May 24.
- Tie plate and retaining clip, Railway. F. S. Schwinn. 2,107,131; Feb. 1.
- Tie plate arrangement for railroads. T. W. Stedman. 2,110,894; Mar. 15.
- Tie-plate construction. T. Maney. 2,132,571; Oct. 11.
- Tie press. R. H. Schwab. 2,119,603; June 7.
- Tie puller. J. A. Denton. 2,133,851; Oct. 18.
- Tie, Railroad. R. G. Stackhouse. 2,128,272; Aug. 30.
- Tie rod end. R. W. Niles. 2,122,655; July 5.
- Tie rod end. W. J. Schaefer. 2,113,087; Apr. 26.
- Tie support. F. Holzkecht. 2,133,296; Oct. 18.
- Tie support and attaching device. A. Molitor. 2,128,840; Aug. 30.
- Tie-up. F. H. Laurila. 2,122,841; July 5.
- Tie, Wall. G. B. Bosco. 2,115,137; Apr. 26.
- Tightener for cables. J. J. Kolenko. 2,128,030; Aug. 23.
- Tile. O. A. Steuer. 2,105,895; Jan. 18.
- Tile. A. J. Streat. 2,118,744; May 24.
- Tile, Alignable. K. F. Petty. 2,111,003; Mar. 15.
- Tile and making same, Floor. C. Ellis. 2,124,384; July 19.
- Tile beam and span tile floor structure, Precast reinforced. C. T. Bridgman and H. Giese. 2,105,106; Jan. 11.
- Tile block. H. Jansen. 2,126,394; Aug. 9.
- Tile, Building. A. C. Van Antwerp. 2,108,396; Feb. 15.
- Tile, Composition. W. S. Johnston. 2,108,226; Feb. 15.
- Tile construction, Wall. R. J. Bergez. 2,132,982; Oct. 11.
- Tile flooring section, Semiresilient ceramic. J. Labra. 2,114,474; Apr. 19.
- Tile, Making imitation. S. B. Collins. 2,137,238; Nov. 22.
- Tile, Mastic. F. W. Corkery. 2,135,428; Nov. 1.
- Tile-mounting structure. A. H. Stewart. 2,135,118; Nov. 1.
- Tile or panel, Glass. J. Labra. 2,114,473; Apr. 19.
- Tile or slab made from ceramic or like materials. F. W. Grundy. 2,120,742; June 14.
- Tilt for ice fishing. W. V. Goodhue. 2,114,529; Apr. 19.
- Tilttable chair. B. Mathsson. 2,117,189; May 10.
- Tilttable chair. O. N. Smith. 2,120,341; June 14.
- Tilting apparatus. K. Schlesinger. 2,129,036; Sept. 6.
- Tilting camera support. S. Kron. 2,111,368; Mar. 15.
- Tilting device for drum melting furnaces. K. Gottschalk. 2,132,948; Oct. 11.
- Tilting mechanism. C. S. Johnson. 2,133,170; Oct. 11.
- Timber blasting device. L. H. Sawyer. 2,109,435; Feb. 22.
- Timber containing its natural sap, Preserving filled. M. M. Clapshaw. 2,134,031; Oct. 25.
- Timber preservation. R. Lurie. 2,140,878; Dec. 20.
- Time and program selector, Automatic. C. F. Peters. 2,122,779; July 5.
- Time and remote control system. C. W. Nessel. 2,135,991; Nov. 8.
- Time characteristic relay, Variable. W. V. Johnson. 2,112,098; Mar. 22.
- Time control contactor. O. J. Ryder. 2,141,561; Dec. 27.
- Time control device. D. Perlman. 2,115,280; Apr. 26.
- Time control mechanism. L. J. Griffey and C. C. Herndon. 2,106,094; Jan. 18.
- Time controlled mechanism. J. J. Noeth and F. E. Hummel. 2,127,749; Aug. 23.
- Time cycle controller. J. H. Staley. 2,141,024; Dec. 20.
- Time delay apparatus. R. A. Andrews. 2,130,405; Sept. 20.
- Time delay, Automatic. D. D. Knowles. 2,114,883; Apr. 19.
- Time delay device. G. Lowkrantz. 2,120,787; June 14.
- Time delay relay. G. C. Armstrong. 2,111,541-2; Mar. 22.
- Time delay switch. C. H. Larson. 2,113,594; Apr. 12.
- Time element, Electric, By heated. E. A. Hallbleib, H. C. Rohr, and C. T. Wallis. 2,139,365; Dec. 6.
- Time element relay. F. B. Hitchcock. 2,132,109; Oct. 4.
- Time indicator. E. A. D. Nygren. 2,110,139; Mar. 8.
- Time limit control. G. C. Armstrong. 2,111,550; Mar. 22.
- Time lock. W. F. Goehring. 2,140,698; Dec. 20.
- Time lock. C. A. Miller. 2,103,441; Jan. 11.
- Time relay, Electric mechanism, Coin controlled. G. A. Hale and H. G. Throssen. 2,137,111; Nov. 15.
- Time of day announcing system. G. F. Drum. 2,138,147; Nov. 29.
- Time recorder mechanism. E. G. Streckfuss. 2,132,134; Oct. 4.
- Time reminder, Selected. C. R. Gains. 2,122,057; June 28.
- Time switch. F. Conrad. 2,121,585; June 21.
- Time switch. A. Martin. 2,125,733; Aug. 2.
- Time switch. E. A. Meyer. 2,130,725; Sept. 20.
- Time switch. W. C. Padgett. 2,126,496; Aug. 9.
- Time switch. F. W. Truesdell, D. G. Cameron, and W. S. Whyte. 2,124,442; July 19.
- Time switch, Coin controlled. J. H. Stark. 2,106,042; Jan. 18.
- Time switch, Demountable. E. F. Swensen. 2,126,515; Aug. 9.
- Time, System and apparatus for announcing. T. A. Solberg. 2,138,890; Dec. 6.
- Timetable, Radio. H. A. Davis. 2,113,560; Apr. 12.
- Time valve, Automatic. C. I. Young. 2,121,274; June 21.
- Timed tripping device. J. W. Ogden. 2,130,897; Sept. 20.
- Timer. J. L. Barker and H. A. Wilcox. 2,127,080; Aug. 16.
- Timer. W. K. Kearsley. 2,123,052; July 5.
- Timer. H. H. Osborn. 2,139,908; Dec. 13.
- Timer, Automatic ignition. J. Bohli. 2,141,029; Dec. 20.
- Timer distributor, Ball bearing. J. L. Arthur. 2,125,368; Aug. 2.
- Timer, Electronic. R. E. Conover. 2,121,117; June 21.
- Timer for internal combustion engines. M. Ives and J. D. La Bell. 2,127,957; Aug. 23.
- Timer mechanism. I. E. McCabe. 2,139,454; Dec. 6.
- Timer motor. A. F. Welch. 2,122,307; June 28.
- Timer, Variable. E. R. Freeberg. 2,133,247; Oct. 11.
- Timing and counting device, Electric. A. S. Fitz Gerald. 2,110,015; Mar. 1.
- Timing apparatus. F. Hardy. 2,120,407; June 14.
- Timing apparatus. V. Subrizi. 2,132,225; Oct. 4.
- Timing, Apparatus for. W. E. Bower. 2,105,470; Jan. 18.
- Timing device. J. W. Dawson. 2,128,080; Aug. 23.
- Timing device, Variable. H. L. Duncan. 2,121,560; June 21.
- Timing instrument. E. F. Swensen. 2,124,045; July 19.
- Timing means for X-ray apparatus. E. R. Goldfield. 2,126,957; Aug. 16.
- Timing mechanism. E. D. Mead. 2,112,375; Mar. 29.
- Timing mechanism. F. G. Nicolaus. 2,133,243; Nov. 29.
- Timing mechanism. E. J. Rocher. 2,123,382; July 12.
- Timing of the inlet and exhaust orifices of two-stroke internal combustion engines. M. Kadenacy. 2,131,959; Oct. 4.
- Timing system for glass feeders. H. P. Schaffer and D. O. Headley. 2,142,006; Dec. 27.
- Tin alloy. D. Hanson and W. T. Pell-Walpole. 2,109,387; Feb. 22.
- Tinning compound. N. M. Epperson. 2,136,496; Nov. 15.
- Tinning compound. M. M. Savedoff. 2,130,211; Sept. 13.
- TiO<sub>2</sub>, Preparing. R. H. Monk and A. S. Ross. 2,108,723; Feb. 15.
- Tip. J. C. Morrow. 2,104,904; Jan. 11.
- Tip, Fishing rod. W. H. and E. E. Montgomery. 2,113,707; Apr. 12.
- Tip for cigarettes. S. H. Levy. 2,104,329; Jan. 4.
- Tip for soldering irons and the like. I. C. Matthews. 2,120,708; June 14.
- Tip, Metal suction. H. B. Allen. 2,128,200; Aug. 23.
- Tipper construction for cigarette machines. G. S. Hastings and C. Arelt. 2,130,683; Sept. 20.
- Tipping mechanism. W. C. Anthony. 2,136,663; Nov. 15.
- Tips for cigarettes, Manufacture of filter. R. F. May. 2,120,501; June 14.
- Tire. P. M. Bourdon. 2,120,063; June 7.
- Tire. P. M. Bourdon. 2,122,736; July 5.
- Tire. J. Gallardo. 2,109,383; Feb. 22.
- Tire. J. J. Hruska. 2,105,860; Jan. 18.
- Tire. H. T. Kraft. 2,108,406; Feb. 15.
- Tire. H. S. Mooradian. 2,130,594; Sept. 20.
- Tire, Air-cooled safety. E. Von Bon Horst. 2,127,052; Aug. 16.
- Tire and valve stem. L. C. Broecker. 2,106,673; Jan. 25.
- Tire and wheel hub cover, Combination. G. A. Lyon. 2,109,670; Mar. 1.
- Tire building apparatus. A. L. Heston. 2,123,586; July 12.
- Tire building apparatus. F. J. Shook. 2,109,437; Feb. 22.
- Tire casing and rim. B. D. Carter. 2,108,329; Feb. 15.
- Tire casing, Pneumatic. L. Gottlieb. 2,129,123; Sept. 6.
- Tire chain. C. B. Woodworth. 2,125,705; Aug. 2.
- Tire chain. G. D. Yoakum. 2,125,598; Aug. 2.
- Tire chain, Single lock. M. L. Bonforte. 2,130,293; Sept. 13.
- Tire chain unit, Emergency. E. A. Stuller. 2,118,576; May 24.
- Tire, Composite pneumatic. G. Venosta. 2,127,075; Aug. 16.
- Tire construction. J. E. Hale. 2,113,527; Apr. 5.
- Tire construction. A. H. Nellen. 2,131,636; Sept. 27.
- Tire construction, Nonskid. H. E. Skelton. 2,132,275; Oct. 4.
- Tire cord. W. E. Vecsey. 2,116,937; May 10.
- Tire cover. A. P. Ferguson. 2,104,156; Jan. 4.



- Tire cover. A. P. Fergusson. 2,109,666; Mar. 1.  
 Tire cover. A. P. Fergusson. 2,118,596; May 24.  
 Tire cover. A. P. Fergusson. 2,134,360; Oct. 25.  
 Tire cover. E. E. Frey. 2,107,783; Feb. 8.  
 Tire cover. H. S. Jandus and T. J. W. Tyson. 2,107,331; Feb. 8.  
 Tire cover. R. W. Lewis, H. S. Jandus and T. J. W. Tyson. 2,111,596; Mar. 22.  
 Tire cover. G. A. Lyon. 2,104,235; Jan. 4.  
 Tire cover. G. A. Lyon. 2,134,464; Oct. 25.  
 Tire cover. T. Munro. 2,132,040; Oct. 4.  
 Tire cover. C. E. Page. 2,109,681; Mar. 1.  
 Tire cover lock. H. S. Jandus and B. M. Short. 2,118,606; May 24.  
 Tire cover lock. H. S. Jandus. 2,141,302; Dec. 27.  
 Tire cutting machine. H. J. Fleming. 2,105,316; Jan. 11.  
 Tire deflation indicator. K. A. Spieth. 2,107,912; Feb. 8.  
 Tire deflation indicator switch. H. P. Jones. 2,131,561; Sept. 27.  
 Tire deflation signal. M. Riusech. 2,127,187; Aug. 16.  
 Tire demounting unit. H. W. Wilkerson. 2,122,388; June 28.  
 Tire grooving tool. W. Mossback. 2,140,478; Dec. 13.  
 Tire handling device, Automobile. T. Dinkins. 2,135,802; Nov. 8.  
 Tire inflating and ventilating device. N. D. Campbell. 2,119,735; June 7.  
 Tire inflating device. J. H. Mann, Jr. 2,141,542-3; Dec. 27.  
 Tire inflation and deflation detector. F. Dilts. 2,112,483; Mar. 29.  
 Tire lock. J. Abrahams. 2,112,661; Mar. 29.  
 Tire, Making a pneumatic. C. W. McKone. 2,112,783; Mar. 29.  
 Tire molding apparatus. H. Willshaw. 2,112,187; Mar. 22.  
 Tire, Nonskid. E. Clark. 2,130,524; Sept. 20.  
 Tire, Nonskid. E. Eger. 2,121,956; June 28.  
 Tire, Nonskid. R. Sommer. 2,104,532; Jan. 4.  
 Tire patch. H. M. Watson. 2,130,658; Sept. 20.  
 Tire, Pneumatic. S. M. Cadwell. 2,118,774; May 24.  
 Tire, Pneumatic. S. d'Ayguessives. 2,109,691; Mar. 1.  
 Tire, Pneumatic. W. E. Hautala. 2,137,910; Nov. 22.  
 Tire, Pneumatic. C. G. Hoover. 2,113,066; Apr. 5.  
 Tire, Pneumatic. L. Lanic. 2,130,096; Sept. 13.  
 Tire, Pneumatic. D. Parkinson. 2,108,973; Feb. 22.  
 Tire, Pneumatic. B. F. Randel. 2,119,557; June 7.  
 Tire, Pneumatic. T. A. Riehl. 2,129,626; Sept. 6.  
 Tire pressure indicator. A. Edmonston and A. C. Duclos. 2,113,474; Apr. 5.  
 Tire pressure indicator. G. F. Hutchings. 2,105,738; Jan. 18.  
 Tire pressure indicator. R. E. Walters and C. E. Ruch. 2,124,380; July 19.  
 Tire pressure indicator, Selective dash. E. Greene. 2,135,303; Nov. 1.  
 Tire pressure signalling device, Pneumatic. E. C. Androsky. 2,113,957; Apr. 12.  
 Tire recapping equipment. P. O. Chambers. 2,119,467; May 31.  
 Tire retreading machine. G. R. Ericson and J. H. Klasey. 2,116,512; May 10.  
 Tire retreading machine. F. W. Marco. 2,121,252; June 21.  
 Tire rim. A. D. Riehl. 2,128,322; Aug. 30.  
 Tire, Rubber. C. W. Smith. 2,136,567; Nov. 15.  
 Tire, Safety vehicle. J. J. Hruska. 2,105,859; Jan. 18.  
 Tire tool. G. W. Teter. 2,124,836; July 26.  
 Tire tread. G. G. Havens. 2,121,871; June 28.  
 Tire tread, Pneumatic. E. Eger. 2,121,955; June 28.  
 Tire tread, Pneumatic. G. Hubach. 2,124,821; July 26.  
 Tire tread remover. W. G. Fritts. 2,132,896; Oct. 11.  
 Tire tread splitting apparatus. G. F. Connelly. Re. 20,711; May 3.  
 Tire treads, Apparatus for slitting. E. Eger. 2,133,438; Oct. 18.  
 Tire tube vulcanizer, Auto. J. H. Beskow. 2,110,075; Mar. 1.  
 Tire valve. A. Engel. 2,135,869; Nov. 8.  
 Tire valve. W. F. Goff. 2,119,623; June 7.  
 Tire valve. J. Wahl. 2,126,845; Aug. 16.  
 Tire valve. S. T. Williams. 2,116,090; May 3.  
 Tire valve tool. G. F. Colley. 2,123,524; July 12.  
 Tire, Vehicle wheel. J. E. Gillespie. 2,137,670; Nov. 22.  
 Tire vulcanizer. H. V. James. 2,112,440; Mar. 29.  
 Tires, Device for indicating deflation of pneumatic. P. M. Bourdon. 2,136,038; Nov. 8.  
 Tires, Device for vulcanizing pneumatic. K. Zängl. 2,111,233; Mar. 15.  
 Tires, Making pneumatic. C. W. McKone. 2,139,840; Dec. 13.  
 Tires, Recapping. M. M. Fisher. 2,110,293; Mar. 8.  
 Tissue holder, Facial and toilet. J. M. Shapiro. 2,122,048; June 28.  
 Titanium and other compounds, Making. K. H. Donaldson. 2,120,602; June 14.  
 Titanium bearing materials, Treating. C. L. Schmidt. 2,130,565; Sept. 20.  
 Titanium dioxide, Preparation of pure. W. W. Plechner and A. W. Hixson. 2,113,945-6; Apr. 12.  
 Titanium fluoride solutions, Purification of. M. J. Sterba. 2,121,992; June 28.  
 Titanium iron alloy. E. C. Smith and G. T. Motok. 2,121,056; June 21.  
 Titanium-iron arsenates and making same, Hydrated. C. J. Kinzie and E. Wainer. 2,105,459; Jan. 11.  
 Titanium oxygen compounds, Preparation of. P. Weise and F. Raspe. 2,121,215; June 21.  
 Titanium, Preparation of compounds of. D. H. Dawson, I. J. Krichma and R. M. McKinney. 2,127,247; Aug. 16.  
 Titanium salt solution, Hydrolysis of. B. W. Allan. 2,133,941; Oct. 25.  
 Toast rack. A. V. Terry. 2,137,369; Nov. 22.  
 Toaster. A. De Matteis. 2,112,076; Mar. 22.  
 Toaster. A. De Matteis and A. C. Goddard. 2,112,075; Mar. 22.  
 Toaster. V. Emanuel. 2,138,910; Dec. 6.  
 Toaster. A. C. Purpura. 2,107,388; Feb. 8.  
 Toaster. A. C. Purpura. 2,129,360; Sept. 6.  
 Toaster. H. L. Stiles. 2,123,067; July 5.  
 Toaster assembly. H. A. Smith. 2,133,583; Oct. 18.  
 Toaster, Automatic. M. H. Graham. 2,138,674; Nov. 29.  
 Toaster, Automatic. M. Ireland. 2,132,622; Oct. 11.  
 Toaster, Automatic. R. Sardeson. 2,132,650; Oct. 11.  
 Toaster construction, Electric. R. M. Jones. 2,115,267; Apr. 26.  
 Toaster, Electric. G. M. Bayne. 2,106,824; Feb. 1.  
 Toaster, Electric. A. Bersted. 2,111,417; Mar. 15.  
 Toaster, Electric. M. Ireland. 2,141,867; Dec. 27.  
 Toaster, Electric. A. H. Lang. 2,113,697; Apr. 12.  
 Toaster, Electric. C. P. Lent. 2,133,392; Oct. 18.  
 Toaster, Electric. J. D. Morgan. 2,108,778; Feb. 15.  
 Toaster, Electric. M. Vidaver. 2,114,000; Apr. 12.  
 Toaster, Nut. L. B. Self. 2,112,426; Mar. 29.  
 Toaster with detachable shell, Electric. J. J. Gough. 2,131,278; Sept. 27.  
 Toasting machine. W. A. Graham. 2,105,858; Jan. 18.  
 Toasting machine. L. V. Rebois. 2,139,334; Dec. 6.  
 Tobacco and the like, Art and apparatus for treating. F. S. Smith. Re. 20,932; Nov. 29.  
 Tobacco and treating same. R. P. Allen. 2,114,281; Apr. 19.  
 Tobacco and treating tobacco. S. Z. Avedikian. 2,131,160; Sept. 27.  
 Tobacco, Apparatus for blending and conditioning. H. S. Bogaty. 2,109,409; Feb. 22.  
 Tobacco, Apparatus for treating. R. D. Touton. 2,121,370; June 21.  
 Tobacco ash receptacle. N. H. Nelson. 2,110,773; Mar. 8.  
 Tobacco curing apparatus. H. C. Sugg. 2,114,942; Apr. 19.  
 Tobacco curing system. W. C. Rouse. 2,134,843; Nov. 1.  
 Tobacco cutting device. V. Lorentz. 2,121,879; June 28.  
 Tobacco, Denicotinizing. F. Berka and A. Giller. 2,136,485; Nov. 15.  
 Tobacco, Device for denicotinizing. L. Lippmann. 2,113,114; Apr. 5.  
 Tobacco feed, Scrap. J. F. Halstead. 2,130,765; Sept. 20.  
 Tobacco feeding apparatus. J. W. Gilles. 2,118,505; May 24.  
 Tobacco feeding apparatus. D. W. Molins. 2,113,514; Apr. 5.  
 Tobacco fumes, Production and inhalation of. W. J. McCormick. 2,104,266; Jan. 4.  
 Tobacco leaves, Apparatus for ripping raw. O. E. Elismann. 2,127,329; Aug. 16.  
 Tobacco looping machine. D. R. Dinkins. 2,131,056; Sept. 27.  
 Tobacco mass, Device for distributing. E. R. Dahlström and K. E. Granstedt. 2,124,910; July 26.  
 Tobacco mass, Method and device for distributing. E. R. Dahlström and K. E. Granstedt. 2,108,369; Feb. 15.  
 Tobacco pipe. S. Gunnarsson. 2,118,026; May 17.  
 Tobacco pipe. S. M. J. Jacobs. 2,124,221; July 19.  
 Tobacco pipe. E. H. Lange. 2,105,539; Jan. 18.  
 Tobacco pipe. L. L. Martin. 2,113,181; Apr. 5.  
 Tobacco pipe. J. Pedery. 2,140,649; Dec. 20.  
 Tobacco pipe. J. E. Theriault. 2,115,981; May 3.  
 Tobacco smoke, Method of and substance for treating. H. L. Kauffman. 2,108,860; Feb. 22.  
 Tobacco stemmer. R. E. Rundell. 2,140,721; Dec. 20.  
 Tobacco stemming and threshing machine. J. P. Durning. 2,130,880; Sept. 20.  
 Tobacco stemming machine. B. M. Hackler. 2,141,083; Dec. 20.  
 Tobacco, Treating. R. D. Touton. 2,105,848; Jan. 18.  
 Tobacco, Treating. R. D. Touton. 2,121,369; June 21.  
 Tobacco, Treating. H. P. Worman and R. D. Touton. 2,107,843; Feb. 8.  
 Tobacco treatment. A. T. Hawkinson. 2,122,421; July 5.  
 Toe guard. J. M. Murray. 2,111,536; Mar. 15.  
 Toe latching mechanism. B. Fenton. 2,131,837; Oct. 4.  
 Toe stiffener. H. G. McMurray. 2,125,798; Aug. 2.  
 Toggle stop device. C. H. Bradt and W. J. Higgins. 2,137,263; Nov. 22.  
 Toilet. E. Van Buren. 2,116,253; May 8.  
 Toilet accessory. S. T. Crosby. 2,117,103; May 17.  
 Toilet accessory dispensing device. T. Huston. 2,132,735; Oct. 11.  
 Toilet article. L. Caplan. 2,112,518; Mar. 29.  
 Toilet article case. C. J. H. Mackenzie Kennedy. 2,139,688; Dec. 13.  
 Toilet for vehicles. J. F. Habertin. 2,119,328; May 31.  
 Toilet seat. T. Greavu. 2,136,681; Nov. 15.  
 Toilet seat. N. Johnson. 2,104,653; Jan. 4.  
 Toilet seat. F. J. Moore. 2,104,714; Jan. 4.



- Toilet seat and cover, Combination. V. E. Crosby. 2,111,044; Mar. 15.
- Toilet seat cover. L. D. Weeks. 2,111,160; Mar. 15.
- Toilet seat, Ventilated. J. C. Vandiver. 2,124,017; July 19.
- Toilet silencer. B. Winding. 2,114,551; Apr. 19.
- Toilet ventilator. W. R. Dick. 2,119,529; June 7.
- Toilet ventilator. E. D. Greene. 2,112,772; Mar. 29.
- Tomato juice extractor. W. C. McNitt. 2,109,398; Feb. 22.
- Tomato scaldier. R. L. Haynie. 2,111,285; Mar. 15.
- Tone arm for electric phonographs. M. Zeh. Re. 20,625; Jan. 18.
- Tone control circuit. P. O. Farnham. 2,118,075; May 24.
- Tone control device. J. van Slooten. 2,113,003; Apr. 5.
- Tone control system. P. F. G. Holst. 2,133,816; Oct. 18.
- Tone control system. K. W. Jarvis. 2,121,150; June 21.
- Tone control system, Low frequency. A. C. Stocker. 2,137,633; Nov. 22.
- Tone deflector for grand pianos. H. E. Tower. 2,138,669; Nov. 29.
- Tong. C. E. Olsen and J. A. Peterson. 2,108,971; Feb. 22.
- Tong line control for skidder carriages. A. E. Hansen and C. W. Spiering. 2,141,469; Dec. 27.
- Tongs. A. H. Ackerson. 2,116,651; May 10.
- Tongs. J. F. Apfel and R. S. Jarrett. 2,125,214; July 26.
- Tongs. M. Glas. 2,133,984; Oct. 25.
- Tongs. L. Weiss. 2,127,947; Aug. 23.
- Tongs for removing radio tubes from chassis. D. Mitchell and C. A. Wyeth. 2,124,039; July 19.
- Tongs, Grappling. H. F. Henley. 2,104,302; Jan. 4.
- Tongs, Surgical. G. Gossrau. 2,123,891; July 19.
- Tongue depressor dispenser. J. D. Fuselier. 2,119,912; June 7.
- Tongue pad. Seymour E. and Solomon E. Schwartz. 2,139,858; Dec. 13.
- Tonic food product and making same. F. M. Godfrey and R. W. Floyd. 2,105,477; Jan. 18.
- Tonsillotome, Suction. R. F. Brown. 2,115,298; Apr. 26.
- Tonsillotome. J. T. Moore. 2,106,575; Jan. 25.
- Tool: See—
- Adjustable clamping tool.
  - Alloy steel tool.
  - Belt applying and removing tool.
  - Bibb seating tool.
  - Boring tool.
  - Bottle breaking tool.
  - Burring tool.
  - C-clamp type hand tool.
  - Cable stripping tool.
  - Carbon removing tool.
  - Cartridge loading tool.
  - Clean-out and sample tool.
  - Cleaning tool.
  - Clutch sleeve spring tool.
  - Combination tool.
  - Conduit casing cutting tool.
  - Conduit cleaning tool.
  - Cooking tool.
  - Core taking tool.
  - Crankshaft dressing tool.
  - Cutting tool.
  - Cylinder surfacing tool.
  - Dental tool.
  - Drill grinding tool.
  - Drilling tool.
  - Earthworking tool.
  - Electric tool.
  - Electrically operated tool.
  - Electrician's tool.
  - Emergency tire tool.
  - Excavating and prospecting tool.
  - Expanding tool.
  - Expandable cutter tool.
  - Exploding splitting tool.
  - Explosively actuated tool.
  - Fence tool.
  - Fender tool.
  - Fire fighting tool.
  - Fishing tool.
  - Fluid operated tool.
  - Framing tool.
  - Garden tool.
  - Garment cutting tool.
  - Gear cutting tool.
  - Gear finishing tool.
  - Gem setting tool.
  - Girdling tool.
  - Grinding tool.
  - Gripping tool.
  - Hair dressing tool.
  - Hammer tool.
  - Heat cleaning tool.
  - Header box facing tool.
  - Lathe tool.
  - Lawn tool.
  - Lubricant injecting tool.
  - Lubricating threading tool.
  - Machine tool.
  - Marking tool.
  - Metal cutting tool.
  - Metal seaming tool.
  - Milling tool.
  - Oil well tool.
  - Packer and setting tool.
  - Paint softening tool.
  - Parallel motion tool.
  - Peening tool.
  - Percussion tool.
  - Pipe aligning tool.
  - Plug receiving tool.
  - Pneumatic tool.
  - Power operated tool.
  - Power tool.
  - Pressure tool.
  - Printer's tool.
  - Pruning tool.
  - Reaming and cleaning tool.
  - Record resurfacing tool.
  - Reversing tool.
  - Rod line pick-up tool.
  - Rotary cutting tool.
  - Rotary tool.
  - Scraping tool.
  - Setting tool.
  - Sheathing or cutting tool.
  - Sheet metal bending tool.
  - Shovel and like tool.
  - Shovel or like tool.
  - Slicker tool.
  - Sod cutting tool.
  - Soldering and welding tool.
  - Stove-working tool.
  - Straightedge tool.
  - Strap stretching tool.
  - Stripping tool.
  - Surfacing tool.
  - Textile cleaning tool.
  - Thread-cutting tool.
  - Tire grooving tool.
  - Tire tool.
  - Tire valve tool.
  - Track aligning tool.
  - Tube flaring tool.
  - Turning and boring tool.
  - Turpentine worker's tool.
  - Underreamer and oversize-hole drilling tool.
  - Utility tool.
  - Valve refacing tool.
  - Weeding and mulching tool.
  - Weeding tool.
  - Welding tool.
  - Well clean-out tool.
  - Well tool.
  - Wheel tool.
  - Wire strapping tool.
  - Wire tying tool.
  - Woodworking tool.
- Tool. I. L. Hoffer. 2,110,152; Mar. 8.
- Tool. J. E. Myer and P. E. Magerstadt. 2,133,752; Oct. 18.
- Tool. N. G. Schelot and E. E. Vahle. 2,129,590; Sept. 6.
- Tool. G. A. Tinnerman. 2,111,106; Mar. 15.
- Tool. G. A. Tinnerman. 2,137,929; Nov. 22.
- Tool. G. A. Wick. 2,135,065; Nov. 1.
- Tool. J. Wright. 2,112,873; Apr. 5.
- Tool-actuating apparatus. R. D. Simmons. 2,121,831; June 28.
- Tool and control therefor, Machine. J. S. Barnes, P. R. Guirl, and E. J. Svenson. 2,114,284; Apr. 19.
- Tool and holder, Adjustable chamfering. P. T. Klix. 2,135,819; Nov. 8.
- Tool and method of use, Honing. K. W. Connor. 2,105,024; Jan. 11.
- Tool and the like, Machine. R. Stuhlmacher. 2,138,987; Dec. 6.
- Tool bit and holder therefor, Vertically adjustable shankless. E. Reaney. 2,140,940; Dec. 20.
- Tool-bit, Inserted shaped-tip. F. C. Jearum. 2,127,998; Aug. 23.
- Tool checking equipment and using the same. H. H. Miller. 2,132,079; Oct. 4.
- Tool, Chipping and cutting. J. K. Graham. Re. 20,856; Sept. 13.
- Tool construction, Well. A. C. Catland. 2,111,751; Mar. 22.
- Tool control, Photoelectric machine. T. H. Long. 2,125,074; July 26.
- Tool coolant distribution, Machine. E. P. Bullard, III. 2,129,815; Sept. 13.
- Tool for applying dust guard caps to journal boxes. J. J. Root, Jr. 2,140,334; Dec. 13.
- Tool for applying hose clamps. M. J. McAneny. 2,115,736; May 3.
- Tool for applying seal caps. A. Mauser. 2,134,923; Nov. 1.
- Tool for cleaning and deepening grooves in pistons. H. A. Berkman. 2,109,857; Mar. 1.
- Tool for conditioning and applying plastic bonding materials. C. Conner. 2,114,703; Apr. 19.
- Tool for container closures, Applying. M. Schwartz. 2,113,257; Apr. 5.
- Tool for cutting curved tooth bevel gears. B. Mammano. 2,127,779; Aug. 23.
- Tool for cutting up into slices products having soft and hard parts. L. Gandriaud. 2,127,861; Aug. 23.
- Tool for handling lenses. W. O. Mattern. 2,127,181; Aug. 16.
- Tool for manipulating electric lamp bulbs. G. R. Chadsey. 2,117,017; May 10.
- Tool for oil wells, Sample taking. S. A. Mullins. 2,128,212; Aug. 23.
- Tool for operating on shoes. C. G. Brostrom. 2,124,649; July 26.
- Tool for paper drills, Sharpening. H. S. Hill. 2,125,566; Aug. 2.
- Tool for pulling inside axle bearing cones. A. G. Billington. 2,113,755; Apr. 12.
- Tool for reloading fired or empty cartridge cases. R. L. Jayne. 2,133,198; Oct. 11.
- Tool for removing paint, varnish lacquer, shellac, etc. F. J. Schulz. 2,107,220; Feb. 1.
- Tool for saw teeth, Shaping. G. E. Bodenhamer. 2,137,225; Nov. 22.
- Tool for timber connectors, Seating. J. E. Myer, A. C. Horner, and P. E. Magerstadt. 2,128,844; Aug. 30.
- Tool for use in knitting machines. A. R. and R. J. Pitchers. 2,131,331; Sept. 27.
- Tool for watch balance wheels, Truing. W. Podgurski. 2,106,653; Jan. 25.
- Tool forging method. P. H. Nast. 2,136,083; Nov. 8.
- Tool, Forming a cutting. A. E. Hintermeyer. 2,130,684; Sept. 20.
- Tool handle. E. Bachtold. 2,105,239; Jan. 11.
- Tool handle. J. Davis. 2,127,163; Aug. 16.
- Tool handle. J. F. Windsor. 2,123,393; July 12.
- Tool head for milling machines. W. J. F. Forward. 2,106,835; Feb. 1.
- Tool holder. L. Gelfelt. 2,136,190; Nov. 8.
- Tool holder. E. J. Lynch. 2,138,253; Nov. 29.
- Tool holder. J. Mayer. 2,136,592; Nov. 15.
- Tool holder. F. P. Miller and E. G. Dornhoffer. 2,128,572; Aug. 30.
- Tool holder. W. H. Pagenkopf. 2,105,330; Jan. 11.
- Tool holder. P. Rocchi. 2,119,217; May 31.
- Tool holder. T. B. Tiefenbacher. 2,136,091; Nov. 8.
- Tool holder, Universal. E. E. Henry. 2,106,525; Jan. 25.
- Tool holding and sharpening device. J. A. Yerkes. 2,114,757; Apr. 19.
- Tool joint, Welded. G. W. and H. B. Woods. 2,128,111; Aug. 23.
- Tool, Making a diamond. H. W. Wallace. 2,141,202; Dec. 27.
- Tool, Method of and apparatus for operating a cutting. D. Taft. 2,109,786; Mar. 1.
- Tool of the sensitive table type, Machine. P. M. Henkes. 2,111,471; Mar. 15.
- Tool operating mechanism. G. H. Leland. 2,124,491; July 19.
- Tool, particularly of the hydraulic operated type, Machine. M. S. Curtis. 2,118,025; May 17.
- Tool pocket, Safety. I. and S. Boshnack. 2,129,196; Sept. 6.



- Tool retainer. E. B. Lear and A. G. Slatcher. 2,120,283; June 14.
- Tool retainer. J. H. Parsons and L. S. Lamb. 2,107,581; Feb. 8.
- Tool sharpening apparatus. W. H. McGill. 2,128,591; Aug. 30.
- Tool slide. R. G. Le Tourneau. 2,105,744; Jan. 18.
- Tool speed change mechanism, Machine. E. C. Bullard. 2,111,355; Mar. 15.
- Tool spindle lubrication, Machine. E. P. Bullard, III. 2,109,766; Mar. 1.
- Tool spindle, Machine. A. J. Noel. 2,104,435; Jan. 4.
- Tool structure, Machine. B. P. Graves. 2,110,295; Mar. 8.
- Tool structure with feeding apparatus, Machine. E. J. Kingsbury. 2,114,389; Apr. 19.
- Tool support. J. Q. Holmes. 2,106,214; Jan. 25.
- Tool support. R. C. Porter. 2,130,965; Sept. 20.
- Tool transmission and control, Machine. W. M. Pohl and J. B. Armitage. 2,110,173; Mar. 8.
- Tool transmission and control mechanism, Machine. L. H. Blood. 2,119,902; June 7.
- Tool transmission, Machine. H. W. Falk. 2,127,023; Aug. 18.
- Tool with rolling cutters, Rotary earth boring. J. A. Zubin. 2,108,956; Feb. 22.
- Tools, Adjusting means for honing. K. W. Connor and A. Bleasdale. 2,116,925; May 10.
- Tools and removing chips, Cooling. W. A. Hart. 2,140,838; Dec. 20.
- Tools and the like, Method useful in the manufacture of. J. B. Ragsdale and R. G. Goodwin. 2,124,236; July 19.
- Tools, Apparatus for orienting drilling. A. G. H. Straatman. 2,117,522; May 17.
- Tools, Fluid passage for drilling. J. A. Zublin. 2,108,955; Feb. 22.
- Tools, Forming diamond. R. H. Taylor. 2,104,708; Jan. 4.
- Tools, Manufacture of metal cutting. J. W. Alexander. 2,130,710; Sept. 20.
- Tools, Method and apparatus for orienting. R. S. Hyer. 2,120,670; June 14.
- Tools, such as drills or the like, Method of and device for cooling dental. W. Roos. 2,124,831; July 26.
- Tools with conducting properties, Making abrasive. R. N. Heald. 2,125,782; Aug. 2.
- Tooth, Artificial. H. F. McGrane. 2,115,116; Apr. 26.
- Tooth assembly, Food directing, pressure relieving. G. R. Andrus. 2,113,568; Apr. 12.
- Tooth brush. G. A. Bauler. 2,124,647; July 26.
- Tooth brush. E. Chibnik. 2,110,461; Mar. 8.
- Tooth brush. W. H. Doyle. 2,111,258; Mar. 15.
- Tooth brush. W. A. Dullea. 2,123,407; July 12.
- Tooth brush. C. W. Fain. 2,120,604; June 14.
- Tooth brush. F. A. Jones. 2,133,704; Oct. 18.
- Tooth brush. J. M. Jones. 2,117,174; May 10.
- Tooth brush. M. W. and I. N. Kohler. 2,139,593; Dec. 6.
- Tooth brush. A. Loeffler. 2,121,358; June 21.
- Tooth brush. N. Swenson. 2,111,876; Mar. 22.
- Tooth brush. W. E. D. Turner. 2,121,373; June 21.
- Toothbrush. P. Warsaw. 2,114,947; Apr. 19.
- Tooth brush. W. E. Waters. 2,111,880; Mar. 22.
- Tooth brush. O. C. Ziebst. 2,130,661; Sept. 20.
- Tooth brush attachment. F. H. Ogden. 2,139,245; Dec. 6.
- Tooth brush, Electric. J. Gold. 2,129,002; Sept. 6.
- Tooth brush holder. H. Nofz. 2,121,488; June 21.
- Tooth brush holder. S. J. S. Stanton. 2,117,459; May 17.
- Tooth brush holder, Individual. H. B. Grosse. 2,118,465; May 24.
- Tooth brush, Making a. T. Nishio. 2,130,244; Sept. 13.
- Tooth brush, Motor driven rotary. J. Merkel, Jr. 2,124,145; July 19.
- Tooth brush, Reversible. A. Loeffler. 2,140,294; Dec. 13.
- Tooth cleaning device. C. H. Seifert. 2,131,676; Sept. 27.
- Tooth cleansing agent. H. Schmidt. 2,130,034; Sept. 13.
- Tooth crown, Reinforced porcelain. A. Barrett and L. Hirschhorn. 2,105,398; Jan. 11.
- Tooth, Excavating. L. E. Younie. 2,113,420; Apr. 5.
- Tooth for bevel gear wheels, Curved. W. Bauersfeld. 2,114,793; Apr. 19.
- Tooth paste. E. C. Crocker. 2,128,017; Sept. 6.
- Toothpick package, Self opening. A. B. Heckel. 2,111,265; Mar. 15.
- Tooth powder container. C. S. Gringler. 2,119,160; May 31.
- Tooth powder dispensing container. F. W. Clook. 2,141,379; Dec. 27.
- Top, Container. A. and D. Di Domenico. 2,132,206; Oct. 4.
- Top, Container. R. H. Mergentheim. 2,105,547; Jan. 18.
- Top, Dispensing. H. Sloan. 2,122,299; June 28.
- Top for containers, Dispensing. C. S. Humphrey. 2,136,508; Nov. 15.
- Top for containers, Measuring. S. E. Donelson. 2,123,720; July 12.
- Top for jars and similar containers, Pitcher. T. Gamble. 2,120,699; June 14.
- Top for looms, Harness lifting. H. R. Davis. 2,129,201; Sept. 6.
- Top for pressing machines, Demountable. G. C. Ricketson. 2,136,564; Nov. 15.
- Top for trucks and the like. S. F. Walden. 2,129,893; Sept. 13.
- Top for trucks, Sliding. M. T. Kercher. 2,140,960; Dec. 20.
- Top for vacuum cleaner filters, Agitator. W. Leathers. 2,122,179; June 28.
- Top, Hot. W. B. Ogden. 2,133,829; Oct. 18.
- Top, Jar. A. Hudoba. 2,131,106; Sept. 27.
- Top lift attachment. J. V. Critchley. 2,111,314; Mar. 15.
- Top pieces from ribbed goods, Production of. P. Leimbrock. 2,113,763; Apr. 12.
- Top, Spinning. G. Fessenmeyer. 2,111,180; Mar. 15.
- Top, Spinning. N. Laing. 2,139,507; Dec. 6.
- Top, Spinning. I. M. Tintore. 2,112,182; Mar. 22.
- Top, Vehicle. A. McHargue. 2,111,458; Mar. 15.
- Top, Vehicle. A. E. Northup. 2,135,595; Nov. 8.
- Top, Whipping. P. Zeleznoff. 2,105,994; Jan. 18.
- Topping bar. R. F. Meier. 2,119,236; May 31.
- Topping mechanism. J. H. Murch. 2,124,588; July 26.
- Tops for vehicles, Device for the control of sliding body. L. Saives. 2,109,710; Mar. 1.
- Torch. A. J. and I. F. Fausek. 2,127,723; Aug. 23.
- Torch. H. Schrader. 2,120,078; June 7.
- Torch. G. L. Walker. 2,118,447; May 24.
- Torch. L. W. Young. 2,138,800; Nov. 29.
- Torch, Automatic welding. B. L. Bixby. 2,122,194; June 28.
- Torch, Cutting. W. J. Sherman. 2,110,181; Mar. 8.
- Torch, Cutting. G. L. Walker. 2,117,751; May 17.
- Torch, Flare. R. Kovac. 2,132,004; Oct. 4.
- Torch, Gas-arc. R. Embleton. 2,106,692; Jan. 25.
- Torch or lamp. R. A. Currie. 2,121,903-4; June 28.
- Torch, Road. H. J. Sauer. 2,122,624; July 5.
- Torch, Welding and cutting. C. R. Richter. 2,104,761; Jan. 11.
- Torpedo. E. S. Purington. 2,121,446; June 21.
- Torque arm and similar structural member. J. D. Soehner and H. S. Holmes. 2,105,132; Jan. 11.
- Torque block and wear compensating device. J. E. Herbst. 2,141,066; Dec. 20.
- Torque converter. G. A. Klimek. 2,128,560; Aug. 30.
- Torque converter, Centrifugal. B. Ellefsen. 2,118,430; May 24.
- Torque device for tandem units. N. Van Husen. 2,116,485; May 3.
- Torque indicating wrench. W. H. Montgomery. 2,125,945; Aug. 9.
- Torque loading device for adhesive transmission. R. Erban. 2,125,998; Aug. 9.
- Torque loading lash adjusting device for friction roller transmissions. W. D. Gove and J. Dolza. Re. 20,801; July 19.
- Torque transmitting means for electrical controls, Adjustable friction. E. R. Stockle. 2,132,765; Oct. 11.
- Torque transmitting mechanism, Hydraulic. W. Fraser. 2,110,722; Mar. 8.
- Torques, Apparatus for continuously measuring. R. R. Sarazin. 2,129,241; Sept. 6.
- Torsion indicator. A. A. Thomas. 2,136,223; Nov. 8.
- Tortilla machine. J. G. Curry. 2,125,550; Aug. 2.
- Totalizer. H. G. Watson and H. C. Mitchell. 2,132,910; Oct. 11.
- Totalizer engagement control device. E. Brettlng. 2,119,841; June 7.
- Totalizing system. H. C. Robinson. 2,121,164; June 21.
- Tourniquet. C. R. Brown. 2,113,534; Apr. 5.
- Towel. J. A. Riley. 2,121,162; June 21.
- Towel cabinet. L. M. Harvey. 2,121,346; June 21.
- Towel dispenser. L. M. Harvey. 2,137,488; Nov. 22.
- Towel dispenser. J. C. Perrin. 2,105,928; Jan. 18.
- Towel dispensing apparatus. R. De Bersaques. 2,120,023; June 7.
- Towel dispensing apparatus. R. G. Birr. 2,117,396; May 17.
- Towel dispensing apparatus. R. G. Birr. 2,134,631; Oct. 25.
- Towel dispensing apparatus. C. A. Childsey, Jr. 2,140,440; Dec. 13.
- Towel dispensing apparatus. A. C. Grunwald. 2,138,154; Nov. 29.
- Towel dispensing apparatus, Paper. R. G. Birr and A. C. Grunwald. 2,118,336; May 24.
- Towel dispensing apparatus, Paper. F. G. Steiner. 2,111,375; Mar. 15.
- Towel dispensing apparatus, Paper. F. G. Steiner. 2,118,627; May 24.
- Towel dispensing cabinet. J. Darman. 2,125,604-5; Aug. 2.
- Towel dispensing cabinet. P. D. Parsons. 2,106,108; Jan. 18.
- Towel dispensing cabinet. P. D. Parsons. 2,111,935; Apr. 19.
- Towel dispensing device. L. M. Harvey. 2,107,790; Feb. 8.
- Towel dispensing device, Paper. L. M. Harvey. 2,137,489; Nov. 22.
- Towel for towel cabinets. L. L. Price and O. Ditmanson. 2,110,238; Mar. 8.
- Towel holder. L. M. Moore. 2,117,202; May 10.
- Towel, Paper. S. P. Atkins. 2,130,374; Sept. 20.
- Towel rack. R. F. Davis. 2,141,317; Dec. 27.
- Towel rack. W. H. Plebs. 2,109,032; Feb. 22.
- Towel rack, Folding. G. Sterrett. 2,126,513; Aug. 9.



- Towel service cabinet. A. I. Honderville and J. A. Ellis. 2,122,060; June 28.
- Towel, Tissue face. A. D. Milliken. 2,113,431; Apr. 5.
- Towel vending cabinet. J. Darman. 2,117,302; May 17.
- Tower, Antenna. E. J. Staubitz. 2,116,368; May 3.
- Tower, Cooling. R. Lakey. 2,108,680; Feb. 15.
- Tower, Observation. D. Mena. 2,128,492; Aug. 30.
- Towers, Construction of water cooling. R. B. Elmer. 2,132,939; Oct. 11.
- Towing apparatus. H. Tetrault. 2,111,341; Mar. 15.
- Towing device. R. E. Moore. 2,139,970; Dec. 13.
- Towing device, Automobile. H. and W. Randall. 2,139,693; Dec. 13.
- Towing device, Automobile. C. Williams and C. A. Nogar. 2,120,422; June 14.
- Toxic to lower forms of life, Composition. E. W. Bousquet, G. D. Graves, and P. L. Salzberg. Re. 20,869; Oct. 4.
- Toy. T. J. Bell. 2,117,133; May 10.
- Toy. J. L. Bonanno. 2,138,367; Nov. 29.
- Toy. J. J. Collins. 2,131,550; Sept. 27.
- Toy. P. Delich. 2,110,592; Mar. 8.
- Toy. C. H. Fleischer. 2,104,742; Jan. 11.
- Toy. E. M. Gatz and H. A. Weller. 2,136,189; Nov. 8.
- Toy. K. P. Hogan. 2,119,133; May 31.
- Toy. F. M. Hoover. 2,130,427; Sept. 20.
- Toy. E. Horn. 2,133,194; Oct. 11.
- Toy. J. Klarke. 2,118,249; May 24.
- Toy. S. Kyser. 2,138,280; Nov. 29.
- Toy. E. Marsico and A. Albini. 2,122,103; June 28.
- Toy. L. Marx. 2,119,641; June 7.
- Toy. S. F. Morris and F. Kuramochi. 2,123,143; July 5.
- Toy. E. S. Savage. 2,121,175; June 21.
- Toy. R. Shippee and E. H. Corlett. 2,128,435; Aug. 30.
- Toy. L. A. Steele. 2,116,853; May 10.
- Toy. R. M. Trexler. 2,128,666; Aug. 30.
- Toy. A. H. Turner. 2,112,316; Mar. 29.
- Toy actuated by means of a spring-driven clockwork. H. Müller. 2,112,408; Mar. 29.
- Toy, Aerial. R. M. Baylis. 2,105,579; Jan. 18.
- Toy aeroplane propeller mounting. N. E. Walker. 2,131,490; Sept. 27.
- Toy airplane. K. Howie. 2,138,301; Nov. 29.
- Toy airplane. E. A. Witte. 2,136,067; Nov. 8.
- Toy airplane, Motorless. F. A. Christiansen. 2,114,212; Apr. 12.
- Toy and elements thereof, Constructional. J. E. McLoughlin. 2,112,247; Mar. 29.
- Toy, Animated. W. D. Fentress. 2,134,079; Oct. 25.
- Toy appliance. E. Horn. 2,122,346; June 28.
- Toy, Aquatic. J. Hanson. 2,109,531; Mar. 1.
- Toy, Aquatic. H. D. Miller. 2,120,151; June 7.
- Toy ball. V. D. Da Costa. 2,115,986; May 3.
- Toy ball, Returnable. A. J. Dinkel. 2,137,272; Nov. 22.
- Toy, Ball swinging. A. Brinkman. 2,105,462; Jan. 18.
- Toy balloon. I. Woroboff. 2,128,628-9; Aug. 30.
- Toy belt saddle. H. L. Dobbie. 2,122,606; July 5.
- Toy, Block. C. J. Hecht. Re. 20,652; Feb. 15.
- Toy block. G. R. Kreider, Jr. 2,131,349; Sept. 27.
- Toy, Blow switch operated. H. Müller, K. Vogl, and A. Wich. 2,133,038; Oct. 11.
- Toy, Building. J. M. Champlin. 2,116,301; May 3.
- Toy building block. N. I. Paulson. 2,132,757; Oct. 11.
- Toy building blocks, tiles, bricks, and the like. A. Levy. 2,119,921; June 7.
- Toy building construction. N. I. Paulson. 2,127,830; Aug. 23.
- Toy building set. J. B. Forbes. 2,110,990; Mar. 15.
- Toy, Collapsible or knock-down. E. P. O'Donnell. 2,116,279; May 3.
- Toy, Construction. F. V. Kreider. 2,141,993; Dec. 27.
- Toy construction kit. M. J. Robins. 2,132,647; Oct. 11.
- Toy, Constructional. G. Kellner. 2,106,148; Jan. 18.
- Toy, Educational. P. L. Rittenhouse. 2,111,129; Mar. 15.
- Toy electric automobile and roadway therefor. A. E. Cullen. 2,112,072; Mar. 22.
- Toy, Figure. P. J. Piro. 2,140,056; Dec. 13.
- Toy, Figure. H. L. Rodman. 2,120,191; June 7.
- Toy figure. N. Wheeler. 2,111,348; Mar. 15.
- Toy fire house. R. Lohr. 2,135,534; Nov. 8.
- Toy game apparatus. Figure. J. Murray. 2,130,558; Sept. 20.
- Toy garage and the like. D. M. Warren. 2,104,628; Jan. 4.
- Toy glider. E. H. Johnson. 2,128,747; Aug. 30.
- Toy glider. C. U. Tyndall. 2,140,821; Dec. 20.
- Toy gun. F. L. Johnson. 2,105,669; Feb. 15.
- Toy gun. E. B. Jones and E. V. Babbitt. 2,116,331; Mar. 22.
- Toy hand grenade. C. Arnold. 2,125,979; Aug. 9.
- Toy imitating a galloping horse. Mechanical. C. Arnold. 2,105,783; Nov. 8.
- Toy loom. I. S. Roberts. 2,110,822; Mar. 8.
- Toy machine gun. J. W. K. Heppner. 2,122,467; July 5.
- Toy, Marionette. H. H. Hedges. 2,113,839; Apr. 12.
- Toy, Mechanical. S. I. Berger. 2,117,597; May 17.
- Toy, Mechanical. H. Krupp. 2,121,835; June 21.
- Toy, Mechanical. W. G. R. Gray. 2,137,950; Nov. 22.
- Toy, Mechanical. F. Roussie. 2,108,726; Feb. 15.
- Toy, Mechanical. M. Schmidt. 2,135,850; Nov. 8.
- Toy, Mechanical. H. Shupe. 2,135,603; Nov. 8.
- Toy, Milling cow. M. A. Budd. 2,106,562; Jan. 25.
- Toy motor. J. H. Barnett. 2,133,943; Oct. 25.
- Toy or amusement device. H. Müller, K. Vogl, and F. Sorg. 2,115,315; Apr. 26.
- Toy or game apparatus. C. W. Auger. 2,131,496; Sept. 27.
- Toy parachute. A. H. Vogt. 2,126,156; Aug. 9.
- Toy pistol. R. J. Rickenbacher. 2,114,574; Apr. 19.
- Toy pistol. C. A. Brethen and J. Gora. 2,106,400; Jan. 25.
- Toy pistol. J. E. Brubaker. 2,137,154; Nov. 15.
- Toy pistol. R. J. Rickenbacher. 2,108,269; Feb. 15.
- Toy pistol. R. J. Rickenbacher. 2,128,500; Aug. 30.
- Toy pistol. J. Yates. 2,112,946; Apr. 5.
- Toy, Pneumatic. C. Goergen. 2,118,971; May 31.
- Toy railroad. W. R. Schneider. 2,111,944; Mar. 22.
- Toy railroad truck. H. L. Johnson. 2,120,251; June 14.
- Toy railway. G. Einfalt. 2,104,510; Jan. 4.
- Toy railway equipment. G. W. Davis. 2,125,551; Aug. 2.
- Toy register bank. J. Grauer. 2,114,167; Apr. 12.
- Toy, Rubber. L. Turchanyi. 2,134,063; Oct. 25.
- Toy, Spinning. E. A. Worst. 2,109,788; Mar. 1.
- Toy structure. D. M. Warren. 2,112,474; Mar. 29.
- Toy television telephone. R. Lohr. 2,110,380-1; Mar. 8.
- Toy, Traffic-line. G. Einfalt. 2,106,424; Jan. 25.
- Toy train. E. E. McKeige. 2,114,720; Apr. 19.
- Toy train, Articulated. J. L. Bonanno. 2,106,698; Feb. 1.
- Toy vehicle. G. Davis. 2,127,056; Aug. 16.
- Toy vehicle. H. Fischer. 2,137,159; Nov. 15.
- Toy vehicle. R. Gluth and W. Kellermann. 2,108,584; Feb. 15.
- Toy, Vehicle. E. E. Knutson. 2,121,152; June 21.
- Toy vehicle. W. Majewski. 2,132,487; Oct. 11.
- Toy vehicle. D. M. Neilson. 2,136,752; Nov. 15.
- Toy vehicle. G. E. Smallwood. 2,125,590; Aug. 2.
- Toy vehicle. B. Travis. 2,113,750; Apr. 12.
- Toy vehicle, Eccentric running. R. Lohr and E. Baxter. 2,124,302; July 19.
- Toy-vehicle. Mechanical propulsion. L. Vimeux. 2,107,722; Feb. 8.
- Toy vehicle, Steerable and reversible. K. Fuchs. 2,104,365; Jan. 4.
- Toy vehicle with sounding means. M. Schmid. 2,137,357; Nov. 22.
- Toy, Walking. J. A. Lepick. 2,112,780; Mar. 29.
- Toy, Walking. A. Orloff. 2,108,345; Feb. 15.
- Toy, Walking. J. E. Wilson. 2,140,275; Dec. 13.
- Toy walking animal. W. E. Davis. 2,124,667; July 26.
- Toy wheeled vehicle. B. R. Jones. 2,118,245; May 24.
- Toy, Whirling. G. L. Rowell. 2,125,815; Aug. 2.
- Toys and the like, Stitching together parts of. M. Levy. 2,135,289; Nov. 1.
- Toys, Operating mechanism of vehicular. M. Fujii. 2,108,434; Feb. 15.
- Toy's vehicles, Guiding. L. Roussy and R. Trubert. 2,109,403; Feb. 22.
- Track aligning tool. S. Difiglia. 2,134,813; Nov. 1.
- Track body. O. M. Alexander. 2,117,280; May 17.
- Track bolt washer. L. C. Ferguson. 2,120,462; June 14.
- Track circuit. F. X. Rees. 2,123,965-6; July 19.
- Track circuit apparatus, Railway. R. M. Gilson. 2,118,982-3; Apr. 12.
- Track circuit apparatus, Railway. L. O. Grondahl. 2,120,837; June 14.
- Track circuit apparatus, Railway. F. H. Nicholson. 2,127,134; Aug. 16.
- Track circuit, Railway. W. T. Powell. 2,135,527; Nov. 8.
- Track construction. G. B. Anthonisen. 2,133,317; Oct. 18.
- Track crossing, Reinforced. J. F. E. and R. L. Grand. 2,121,659; June 21.
- Track for half-track tractors, Endless. H. W. Alden. 2,118,961; May 31.
- Track for highways. E. Schmid. 2,127,701; Aug. 23.
- Track for overhead door hangers. H. Nock. 2,131,784; Oct. 4.
- Track for toy vehicles, Electric. E. Horn. 2,115,108; Apr. 26.
- Track for track-laying vehicles. H. A. Knox. 2,129,696; Sept. 13.
- Track for track laying wheels. J. Kuchar. 2,115,227; Apr. 26.
- Track for tractors. R. Mayne. 2,107,490; Feb. 8.
- Track for vehicles, Endless. A. Kégresse. 2,116,834; May 10.
- Track heater, Gas. W. H. Greenfield. 2,123,941; July 19.
- Track, Model. E. Donnelley. 2,133,500; Oct. 18.
- Track, Moving. P. R. Cowles. 2,117,790; May 17.
- Track rail joint. E. M. Livingston. 2,116,463; May 3.
- Track recorder mechanism. W. M. Perry. 2,118,105; May 24.
- Track shunting apparatus. G. W. Baughman. 2,114,554; Apr. 19.
- Track, Vehicle. D. Ferguson. 2,113,018; Apr. 5.
- Trackage, Railroad. F. J. Chemidlin. 2,138,340; Nov. 29.
- Traction attachment. F. Signori. 2,130,448; Sept. 20.
- Traction control. H. E. Stickles. 2,140,606; Dec. 20.
- Traction device. V. Jensen. 2,138,493; Nov. 29.
- Traction device for automobiles. R. Hodgkinson. 2,126,961; Aug. 16.
- Traction-increasing device. J. B. Bambenek and D. C. Bambenek. Re. 20,892; Oct. 25.
- Traction lug, Detachable. C. H. Beach. 2,129,557; Sept. 6.
- Tractor. R. A. Guidroz. 2,141,530; Dec. 27.
- Tractor. A. W. Herrington. 2,113,545; Apr. 5.



- Tractor. H. F. Schmidt. 2,125,522; Aug. '2.  
 Tractor. O. L. Starr. 2,113,997; Apr. 12.  
 Tractor. J. W. Thompson. 2,138,311; Nov. 29.  
 Tractor. P. Weeks. 2,125,531; Aug. 2.  
 Tractor. S. Weiss. 2,105,680; Jan. 18.  
 Tractor and trailer construction. A. E. Schawlem. 2,126,819; Aug. 16.  
 Tractor attaching bracket. W. S. Graham and H. P. Smith. 2,115,387; Apr. 26.  
 Tractor attachment. C. Click. 2,134,438; Oct. 25.  
 Tractor construction. R. E. Acton. 2,129,724; Sept. 13.  
 Tractor construction. W. B. Thiemann. 2,123,975; July 19.  
 Tractor, Crawler. E. A. Johnston. 2,127,033; Aug. 16.  
 Tractor cultivator. H. P. Smith. 2,129,746; Sept. 13.  
 Tractor disk harrow, Wide single. F. C. Warne. 2,138,948; Dec. 6.  
 Tractor draw and hitch. S. Asbury. 2,118,544; May 24.  
 Tractor drive take-off. C. L. Brown. 2,140,687; Dec. 20.  
 Tractor for agricultural implements. H. G. Ferguson. 2,118,180-1; May 24.  
 Tractor frame. E. A. Johnston, D. B. Baker and C. R. Rogers. 2,127,032; Aug. 16.  
 Tractor, Gasoline. W. Schroeder. Re. 20,654; Feb. 15.  
 Tractor gate, Cable operated. P. A. Kinzie, J. L. Savage, and W. H. Kohler. 2,131,052; Sept. 27.  
 Tractor gate, Internal stem operated. P. A. Kinzie, B. A. Halliday, and W. H. Kohler. 2,131,051; Sept. 27.  
 Tractor hitch. P. R. Baird. 2,136,834; Nov. 15.  
 Tractor hitch. C. Christiansen. 2,125,014; July 26.  
 Tractor hitch. G. W. Todd. 2,126,357; Aug. 9.  
 Tractor hitch. Clutch controlling. L. Gilgenbach. 2,129,574; Sept. 6.  
 Tractor implement. H. E. Altgelt. 2,127,579; Aug. 23.  
 Tractor implement. J. Morkoski. 2,109,677; Mar. 1.  
 Tractor implements, Adjusting mechanism for. H. P. Smith. 2,136,640; Nov. 15.  
 Tractor mounted implement. W. H. Silver. 2,139,042; Dec. 6.  
 Tractor steering mechanism, Automatic. G. J. Kunkel. 2,113,889; Apr. 12.  
 Tractor, Track type. E. A. Johnston. 2,119,785; June 7.  
 Tractor-trailer combination. W. H. Wilson. 2,135,205; Nov. 1.  
 Tractor tread mechanism. J. F. Joy. 2,108,536; Feb. 15.  
 Tractor unit control. G. E. Miller. 2,139,198; Dec. 6.  
 Tractor wheel. A. Henry. 2,106,135; Jan. 18.  
 Tractor wheel. E. A. Johnston. 2,123,533; July 12.  
 Tractor wheel. T. W. Paul. 2,108,346; Feb. 15.  
 Tractor wheel lug chain. T. W. Keeten. 2,136,975; Nov. 15.  
 Tractor wheel, Weighted. J. W. Shields. 2,123,861; July 12.  
 Tractor with rigid track frames, Crawler. D. B. Baker, C. R. Rogers, and N. O. Panzgrau. 2,125,327; Aug. 2.  
 Traffic button. J. W. Shaffer and R. T. Phillips. 2,126,224; Aug. 9.  
 Traffic by radio. Apparatus for controlling vehicular. C. Alimaras. 2,128,067; Aug. 23.  
 Traffic control apparatus. W. C. Nein and T. W. Varley. 2,114,968; Apr. 19.  
 Traffic control gate. J. C. Stafford. 2,137,193; Nov. 15.  
 Traffic control signal. A. P. B. Renshaw. 2,135,471; Nov. 1.  
 Traffic control signal. P. B. Renshaw. 2,129,446; Sept. 6.  
 Traffic control signal. P. B. Renshaw. 2,136,955; Nov. 15.  
 Traffic control system. A. P. B. Renshaw. 2,105,443; Jan. 11.  
 Traffic control system. A. P. B. Renshaw and T. P. Prelist. 2,135,472; Nov. 1.  
 Traffic control system. J. O. Shepherd. 2,126,144; Aug. 9.  
 Traffic control system. D. Wright. 2,126,695; Aug. 9.  
 Traffic control system and apparatus. E. H. Eames. 2,122,410-11; July 5.  
 Traffic control system, Automatic. S. C. Roth. 2,131,818; Oct. 4.  
 Traffic control system, Automatic. F. von Opel. 2,126,432; Aug. 9.  
 Traffic control system, Automatically operated. F. von Opel. 2,126,431; Aug. 9.  
 Traffic control system, Centralized. O. H. Dieke. 2,129,168; Sept. 6.  
 Traffic control system, Centralized. N. D. Preston and F. B. Hitchcock. 2,129,183; Sept. 6.  
 Traffic control system, Highway. C. D. Geer and J. L. Black. 2,110,723; Mar. 8.  
 Traffic control system, Radio. W. S. Halstead. 2,131,042; Sept. 27.  
 Traffic controlling apparatus, Railway. E. M. Allen, C. A. Brooks, and H. A. Thompson. 2,117,691; May 17.  
 Traffic controlling apparatus, Railway. C. W. Fidler. 2,114,899; Apr. 19.  
 Traffic controlling apparatus, Railway. C. W. Gilbert. 2,115,459; Apr. 20.  
 Traffic controlling apparatus, Railway. C. H. Lay. 2,115,585; Apr. 26.  
 Traffic controlling apparatus, Railway. R. A. McCann. 2,131,385; Sept. 27.  
 Traffic controlling apparatus, Railway. R. A. McCann and H. S. Young. 2,133,627; Oct. 18.  
 Traffic controlling apparatus, Railway. C. E. Staples. 2,123,753; July 12.  
 Traffic controlling apparatus, Railway. C. E. Staples. 2,136,808; Nov. 15.  
 Traffic controlling apparatus, Railway. H. A. Thompson. 2,111,197; Mar. 15.  
 Traffic controlling apparatus, Railway. H. A. Thompson. 2,130,449; Sept. 20.  
 Traffic controlling apparatus, Railway. H. A. Thompson. 2,136,829; Nov. 15.  
 Traffic controlling apparatus, Railway. H. A. Thompson. 2,141,803; Dec. 27.  
 Traffic controlling apparatus, Railway. L. B. Yarbrough. 2,112,945; Apr. 5.  
 Traffic controlling apparatus, Railway. H. S. Young. 2,104,601; Jan. 4.  
 Traffic controlling apparatus, Railway. H. S. Young. 2,117,128; May 10.  
 Traffic controlling apparatus, Railway. H. S. Young. 2,141,074; Dec. 20.  
 Traffic controlling system, Centralized. W. D. Hailes. 2,125,499; Aug. 2.  
 Traffic controlling system, Centralized. T. J. Judge. 2,138,863; Dec. 6.  
 Traffic controlling system, Centralized. N. D. Preston. 2,139,562; Dec. 6.  
 Traffic controlling system for railroads, Centralized. E. O. Blodgett. 2,113,368; Apr. 5.  
 Traffic controlling system for railroads, Centralized. D. F. De Long. 2,122,131; June 28.  
 Traffic controlling system for railroads, Centralized. D. F. De Long. 2,124,846; July 26.  
 Traffic controlling system for railroads, Centralized. W. D. Hailes. 2,114,001; Apr. 12.  
 Traffic controlling system for railroads, Centralized. T. J. Judge. 2,121,801; June 28.  
 Traffic controlling system for railroads, Centralized. R. M. Phinney. 2,132,126; Oct. 4.  
 Traffic controlling system for railroads, Centralized. R. M. Phinney and W. H. Hoppe. 2,141,551; Dec. 27.  
 Traffic controlling system for railroads, Centralized. W. T. Powell. 2,113,383; Apr. 5.  
 Traffic controlling system for railroads, Centralized. W. T. Powell. 2,122,112; June 28.  
 Traffic controlling system for railroads, Centralized. W. T. Powell. 2,126,208; Aug. 9.  
 Traffic controlling system for railroads, Centralized. N. D. Preston. 2,107,163; Feb. 1.  
 Traffic controlling system for railroads, Centralized. N. D. Preston. 2,116,177; May 8.  
 Traffic controlling system for railroads, Centralized. N. D. Preston. 2,126,209-10; Aug. 9.  
 Traffic controlling system for railroads, Centralized. N. D. Preston. 2,126,211; Aug. 9.  
 Traffic controlling system for railroads, Centralizing. W. T. Powell. 2,114,255; Apr. 12.  
 Traffic controlling system, Railway. R. M. Phinney. 2,138,878; Dec. 6.  
 Traffic controlling system, Railway. W. T. Powell. 2,116,178; May 3.  
 Traffic controlling system, Railway. S. N. Wight. 2,132,139; Oct. 4.  
 Traffic device. R. Cubby. 2,109,286; Feb. 22.  
 Traffic direction controlling system for railroads. R. M. Phinney. 2,109,153; Feb. 22.  
 Traffic lane divider. R. R. Robertson. 2,136,709; Nov. 15.  
 Traffic line and joint installing machine, Combination. J. N. Heltzel. 2,112,489; Mar. 29.  
 Traffic marking device. A. F. Gill. 2,121,961; June 28.  
 Traffic observing and recording apparatus. A. T. Sigo. 2,132,808; Oct. 11.  
 Traffic regulating system. B. Arkell and D. M. McBean. 2,142,040; Dec. 27.  
 Traffic regulator, Automatic variable. R. O. Nelson. 2,135,525; Nov. 8.  
 Traffic signal. R. M. Allen. 2,121,772; June 28.  
 Traffic signal. W. E. Beyer. 2,111,087; Mar. 15.  
 Traffic signal. J. L. Braun and K. S. Shickluna. 2,107,930; Feb. 8.  
 Traffic signal. A. B. Grantham. 2,137,161; Nov. 15.  
 Traffic signal. R. C. Hitchcock. 2,131,009; Sept. 20.  
 Traffic signal. A. J. Massey. 2,136,976; Nov. 15.  
 Traffic signal. G. E. Munch. 2,121,093; June 21.  
 Traffic signal. M. Sievoking. 2,135,851; Nov. 8.  
 Traffic signal. F. H. Stotts. 2,135,416; Nov. 1.  
 Traffic signal. C. B. Watson. 2,117,639; May 17.  
 Traffic signal device. G. T. Derby. 2,105,857; Jan. 18.  
 Traffic signal light. J. Kiss. 2,108,675; Feb. 15.  
 Traffic signal, Reflecting. C. A. Costanzo. 2,141,683; Dec. 27.  
 Traffic signal switch, Vehicle. I. L. Cunningham. 2,131,726; Oct. 4.  
 Traffic signal system, Automatic. F. J. Buechel, Jr. 2,126,614; Aug. 9.  
 Traffic signal, Vehicular. C. E. Davis. 2,114,914; Apr. 19.  
 Traffic signaling system. H. H. Bell. 2,124,392; July 19.  
 Trailbuilder, bulldozer, and the like. C. Le Hen. 2,109,393; Feb. 29.  
 Trailer. R. T. Bechar. 2,123,559; July 12.  
 Trailer. W. R. Bellowsley. 2,135,997; Nov. 1.  
 Trailer. A. D. Carpenter. 2,104,734; Jan. 11.  
 Trailer. J. M. Daven. 2,107,107; Feb. 1.  
 Trailer. C. E. Downing. 2,119,151; May 31.



- Trailer. W. H. Hewitt. 2,113,448; Apr. 5.  
 Trailer. G. Horsfield. 2,105,246; Jan. 11.  
 Trailer. M. Lynn. 2,131,110; Sept. 27.  
 Trailer. J. W. Small. 2,123,615; July 12.  
 Trailer. A. L. Stahl. 2,135,857; Nov. 8.  
 Trailer body frame. K. M. Byron. 2,126,090; Aug. 9.  
 Trailer construction. C. E. Bradshaw. 2,134,595; Oct. 25.  
 Trailer coupling. C. R. Hennicke. 2,125,611; Aug. 2.  
 Trailer coupling. C. W. Switzer. 2,107,965; Feb. 8.  
 Trailer coupling. F. Zagelmeyer. 2,104,576; Jan. 4.  
 Trailer coupling. Automobile. D. S. Weiss. 2,124,839; July 26.  
 Trailer coupling, Brake actuating. F. L. Watson. 2,125,702; Aug. 2.  
 Trailer, Dirigible. C. Runyan. 2,132,580; Oct. 11.  
 Trailer, Dump. R. C. Kaster. 2,131,326; Sept. 27.  
 Trailer, Dump truck. F. A. Grounds. 2,135,871; Nov. 8.  
 Trailer, Extensible camping. J. Bartholowsky. 2,127,580; Aug. 23.  
 Trailer hitch. C. Berg. 2,129,728; Sept. 13.  
 Trailer hitch. O. A. Christenson. 2,138,267; Nov. 29.  
 Trailer hitch. M. P. Graham, G. H. Hufford, and J. E. Casse. 2,127,912; Aug. 23.  
 Trailer hitch. L. C. Gurley. 2,115,629; Apr. 26.  
 Trailer hitch. G. H. Hufford. 2,136,440; Nov. 15.  
 Trailer hitch. O. E. Leines. 2,121,705; June 21.  
 Trailer hitch. J. A. Rasmussen. 2,130,100; Sept. 13.  
 Trailer hitch and brake operator. J. T. Davidson. 2,137,445; Nov. 22.  
 Trailer jack. J. T. Harbes. 2,131,281; Sept. 27.  
 Trailer leg. L. L. Whitson. 2,106,230; Jan. 25.  
 Trailer, Logging. A. McKone. 2,134,233; Oct. 25.  
 Trailer, Logging. S. Weiss. 2,108,323; Feb. 15.  
 Trailer, Machinery carrying. C. F. Helmig. 2,131,949; Oct. 4.  
 Trailer, Motor vehicle. D. D. Arehart. 2,134,351; Oct. 25.  
 Trailer onto a truck, Loading a. G. L. Larison. 2,112,201; Mar. 22.  
 Trailer or truck braking mechanism. B. Dick. 2,105,880; Jan. 18.  
 Trailer steering mechanism. J. M. Huffman. 2,127,868; Aug. 23.  
 Trailer suspension. A. H. Niemann. 2,127,069; Aug. 16.  
 Trailer, Tandem wheel. L. M. Francis. 2,121,245; June 21.  
 Trailer truck frame. J. J. Black. 2,115,440; Apr. 26.  
 Trailer, Vehicle. J. J. Gedeon. 2,132,409; Oct. 11.  
 Trailer vehicle. F. M. Reid. 2,116,412; May 3.  
 Train communication systems, Apparatus for railway. W. P. Place, E. N. Bossart, and L. O. Grondahl. 2,134,416; Oct. 25.  
 Train communication systems, Apparatus for railway. A. J. Sorensen. 2,111,647; Mar. 22.  
 Train control and signaling system, Automatic. J. C. McDonald. 2,110,960; Mar. 15.  
 Train control equipment, Automatic. T. W. Masterman. 2,112,421; Mar. 29.  
 Train control equipment, High speed. J. C. McCune. 2,132,959; Oct. 11.  
 Train control system. A. E. Hudd. 2,136,439; Nov. 15.  
 Train control system, Automatic. W. T. Powell. 2,134,952; Nov. 1.  
 Train control system, Coded continuous inductive. W. H. Reichard and C. S. Bushnell. 2,131,752; Oct. 4.  
 Train control system, Continuous inductive. W. H. Hoppe. 2,131,735-6; Oct. 4.  
 Train control system for railroads. W. K. Howe. 2,135,514; Nov. 8.  
 Train control system, Intermittent inductive. W. H. Reichard. 2,109,154; Feb. 22.  
 Train describer system. W. D. Hailes. 2,138,855; Dec. 6.  
 Train describer system. W. T. Powell. 2,122,229; June 28.  
 Train describer system. W. T. Powell. 2,138,880; Dec. 6.  
 Train describer system. N. D. Preston. 2,122,358; June 28.  
 Train dispatching system. E. J. Blake and A. H. Adams. 2,111,352; Mar. 15.  
 Train dispatching system for railroads. R. C. Leake. 2,113,847; Apr. 12.  
 Train dispatching system for railroads. N. D. Preston. 2,129,182; Sept. 6.  
 Train operating and dispatching system, Railway. A. G. Shaver. 2,124,452; July 19.  
 Train operating system. A. G. Shaver. 2,124,451; July 19.  
 Train pipe connector, Automatic. J. Robinson. 2,138,883-4; Dec. 6.  
 Train pipe valve. A. E. Fornwalt. 2,126,101; Aug. 9.  
 Train signaling system. H. W. Richards. 2,118,476; May 24.  
 Trains, System for operating. A. G. Shaver. 2,124,449; July 19.  
 Trains, System for operating. A. G. Shaver. 2,124,453; July 19.  
 Tramway, Rope. F. Johansen and E. J. Lloyd. 2,140,585; Dec. 20.  
 Transcript or noteholder. H. B. Holland. 2,121,797; June 28.  
 Transfer and setting up of collapsed cartons. A. Rose. 2,134,418; Oct. 25.  
 Transfer apparatus for printing presses. P. H. Schulz. 2,132,998; Oct. 11.  
 Transfer device. W. F. Knebusch and F. F. Hillix. 2,124,576; July 26.  
 Transfer device. W. F. Knebusch and F. F. Hillix. 2,133,993; Oct. 25.  
 Transfer device. R. R. Lewis. 2,137,725; Nov. 22.  
 Transfer for applying designs to wood and other surfaces. H. Kaufmann. 2,116,205; May 3.  
 Transfer sheet for decorating rubber. P. M. Bourdon. 2,139,068; Dec. 6.  
 Transfer sheet holder. E. Hano. 2,136,817; Nov. 15.  
 Transfer system for freight containers. B. F. Fitch. 2,127,480; Aug. 16.  
 Transformer. L. H. Burnham. 2,112,733; Mar. 29.  
 Transformer. A. B. Hendricks, Jr. 2,114,186; Apr. 12.  
 Transformer. S. Hirsch. 2,127,218; Aug. 16.  
 Transformer. C. W. Kronmiller. 2,114,189; Apr. 12.  
 Transformer. S. M. Lucas. 2,136,798; Nov. 15.  
 Transformer. F. C. Owen. 2,136,863; Nov. 15.  
 Transformer. E. J. von Henke. 2,132,196; Oct. 4.  
 Transformer, Adjustable voltage. J. A. Comstock. 2,126,174; Aug. 9.  
 Transformer, Air-cored high-frequency. R. Schmook. 2,130,432; Sept. 20.  
 Transformer, Constant regulation. J. H. Gough. 2,121,592; June 21.  
 Transformer cooling system. F. J. Vogel. 2,125,138; July 26.  
 Transformer core structure. D. Eppelsheimer. 2,142,066; Dec. 27.  
 Transformer, Coupling. H. T. Lyman. 2,125,119; July 26.  
 Transformer cut-out, Thermal. A. G. Steinmayer and R. L. Smythe. 2,123,260; July 12.  
 Transformer, Dual band antenna. J. V. Fill. 2,135,234; Nov. 1.  
 Transformer, Dynamo kinematic. M. Pierre. 2,130,143; Sept. 13.  
 Transformer for a metal locator. C. A. Hedden. 2,129,058; Sept. 6.  
 Transformer for high tension, Electric. A. Bajon. 2,107,973; Feb. 8.  
 Transformer for television apparatus, High-voltage. K. Schlesinger. 2,137,356; Nov. 22.  
 Transformer, Impedance. E. L. Norton and R. F. Nick. 2,115,826; May 3.  
 Transformer load indicator. R. M. Havourd and G. A. Ewald. 2,114,185; Apr. 12.  
 Transformer load indicator. L. Wetherill. 2,118,660; May 24.  
 Transformer, Reactance. J. G. Sola. 2,136,895; Nov. 15.  
 Transformer, Rectifier. L. C. Nichols. 2,127,232; Aug. 16.  
 Transformer thermal protector. L. F. Young. 2,110,639; Mar. 8.  
 Transit. A. Langsner. 2,132,170; Oct. 4.  
 Transit, Engineer. R. C. Quesada. 2,130,814; Sept. 20.  
 Translating apparatus. L. R. Philpott and C. E. Haller. 2,134,530; Oct. 25.  
 Translating circuit. R. C. Shaw. 2,110,278; Mar. 8.  
 Translating device, Dynamic. L. C. Rayment and C. B. Howard. 2,118,862; May 31.  
 Translating mechanism. R. Salmon. 2,112,308; Mar. 29.  
 Translating mechanisms, System of operation of. A. R. Noll. 2,123,253; July 12.  
 Translator for record controlled machines. L. M. Keefe. 2,122,206; June 28.  
 Translucent screen, Fine grain. R. H. Draeger. 2,131,039; Sept. 27.  
 Transmission. R. M. Blakely. Re. 20,757; June 14.  
 Transmission. A. Y. Dodge and E. R. Koppel. 2,115,987; May 3.  
 Transmission. D. D. Dooley. 2,138,028; Nov. 29.  
 Transmission. R. Erban. 2,125,999; Aug. 9.  
 Transmission. T. L. Fawick. 2,107,112; Feb. 1.  
 Transmission. C. W. Floss. 2,106,870; Feb. 1.  
 Transmission. C. W. Floss. 2,109,007; Feb. 22.  
 Transmission. H. Ford, H. W. Simpson, and A. O. Roberts. 2,132,728; Oct. 11.  
 Transmission. J. G. Hanson. 2,124,192; July 19.  
 Transmission. R. K. Haskell. 2,126,772; Aug. 16.  
 Transmission. C. Heckman. 2,109,290; Feb. 22.  
 Transmission. E. D. Lasley, J. A. Bundy, and H. K. Reinhoel. 2,115,390; Apr. 26.  
 Transmission. J. H. Meech. 2,118,853; May 31.  
 Transmission. P. W. Neff. 2,115,117; Apr. 26.  
 Transmission. W. F. Oliver. 2,130,855; Sept. 20.  
 Transmission. E. Orshansky, Jr. 2,136,886; Nov. 15.  
 Transmission. C. F. Rauen and A. E. Kilpela. 2,134,316; Oct. 25.  
 Transmission. B. Ridgeway. 2,110,964; Mar. 15.  
 Transmission. E. S. Segard. 2,122,701; July 5.  
 Transmission, Automatic. R. E. Keller. 2,128,485; Aug. 30.  
 Transmission, Automatic. F. W. Seybold. 2,135,917; Nov. 8.  
 Transmission, Automatic planetary automotive. F. W. Cotterman. 2,140,690; Dec. 20.  
 Transmission, Automotive. A. H. Jessen. 2,136,104; Nov. 8.  
 Transmission auxiliary. T. B. Tyler. 2,116,590; May 10.  
 Transmission band. A. Loges. 2,141,796; Dec. 27.  
 Transmission bands, Making elastic rubber. H. W. Catt. 2,128,733; Aug. 16.



- Transmission, Continuously variable. J. O. Almen and J. Ehrlich. 2,131,158; Sept. 27.
- Transmission control, Automatic. P. O. Farnham. 2,115,844; May 3.
- Transmission control, Automatic. R. E. Lassiter. 2,133,548; Oct. 18.
- Transmission control, Automatic. H. A. Smith. 2,106,307; Jan. 25.
- Transmission control, Electrical. J. R. Fisher and C. C. Mallinckrodt. 2,116,600; May 10.
- Transmission control for motor vehicles. P. F. Rossmann. 2,135,042; Nov. 1.
- Transmission control in signaling systems. A. C. Dickleson. 2,115,140; Apr. 26.
- Transmission control mechanism. W. A. Eaton. 2,137,939; Nov. 22.
- Transmission control mechanism. C. J. Surdy. 2,104,061; Jan. 4.
- Transmission control mechanism, Power. W. F. Boldt. 2,104,605; Jan. 4.
- Transmission, Electrical torque. F. Whittle. 2,113,102; Apr. 5.
- Transmission for converting rotary into reciprocating motion, Hydraulic. G. G. Vernon and A. J. Greenfield. 2,136,986; Nov. 15.
- Transmission for motor vehicles, Hydromechanical. F. W. Cotterman. 2,134,398; Oct. 25.
- Transmission for multiple motor drives, Selective clutch. J. A. Scott. 2,124,833; July 26.
- Transmission for piston and crank-shaft assemblies. R. L. Bourke. 2,122,676; July 5.
- Transmission, Hydraulic. B. Bischof. 2,141,166; Dec. 27.
- Transmission, Hydraulic. B. Burhop. 2,134,776; Nov. 1.
- Transmission, Hydraulic. D. S. de Lavaud. 2,106,423; Jan. 25.
- Transmission, Hydraulic. R. W. Dinzel. 2,134,707; Nov. 1.
- Transmission, Hydraulic. J. Fitzhugh. 2,118,464; May 24.
- Transmission, Hydraulic. A. Lysholm. 2,117,673; May 17.
- Transmission, Hydraulic. F. J. Ramsey. 2,126,662; Aug. 9.
- Transmission, Hydraulic. G. G. Vernon and A. J. Greenfield. 2,131,910; Oct. 4.
- Transmission, Hydraulic variable speed. E. Seibold. 2,110,741; Mar. 8.
- Transmission, Infinitely variable. J. Ehrlich. 2,132,726; Oct. 11.
- Transmission line, Frequency control. F. H. Kroger. 2,108,895; Feb. 22.
- Transmission line, Loaded. M. E. Strieby. 2,118,952; May 31.
- Transmission line, Loaded. E. K. Van Tassell. 2,135,609; Nov. 8.
- Transmission line system. P. S. Carter. 2,115,764; May 3.
- Transmission line system. P. S. Carter. 2,128,400; Aug. 30.
- Transmission line termination. I. J. Kaar. 2,127,408; Aug. 16.
- Transmission means. R. McWade, Jr. and L. Lyndon. 2,140,758; Dec. 20.
- Transmission means for control means. J. Dreyfus. 2,131,797; Oct. 4.
- Transmission, Mechanical. R. C. Burt. 2,120,546; June 14.
- Transmission mechanism. R. R. Eastin. 2,118,178; May 24.
- Transmission mechanism. A. S. Edmonds. 2,131,556; Sept. 27.
- Transmission mechanism. E. Hering. 2,136,049; Nov. 8.
- Transmission mechanism. M. P. Holmes. 2,112,843; Apr. 5.
- Transmission mechanism. M. P. Holmes. 2,127,517; Aug. 23.
- Transmission mechanism. O. Larson. 2,105,485; Jan. 18.
- Transmission mechanism. H. J. Perazzoli. 2,106,918; Feb. 1.
- Transmission mechanism. J. S. Sharpe. 2,108,082 3; Feb. 15.
- Transmission mechanism. B. A. Swennes. 2,107,089; Feb. 1.
- Transmission mechanism, Automatic automotive. F. W. Cotterman. 2,103,105; Feb. 15.
- Transmission mechanism, Planetary. F. W. Cotterman. 2,120,831-2; June 14.
- Transmission mechanism, Synchronizing. P. L. Tenney. 2,131,199; Sept. 27.
- Transmission mount. H. D. Geyer. 2,129,124; Sept. 6.
- Transmission network, Wave. E. Lakatos. 2,115,818; May 3.
- Transmission of ultra high waves, Guided. G. C. Southworth. 2,129,711; Sept. 13.
- Transmission, Planetary. V. B. Stromquist and W. T. Dunn. 2,127,655; Aug. 23.
- Transmission, Power shift. O. K. Kelley. 2,106,608; Jan. 25.
- Transmission regulating system. C. R. Eckberg. 2,115,141; Apr. 26.
- Transmission, Secret. A. C. Dickleson. 2,132,205; Oct. 4.
- Transmission, Synchro selective constant mesh. G. A. Klimek. 2,108,980; Feb. 22.
- Transmission synchronizer. J. C. Buchanan. 2,120,342; Sept. 6.
- Transmission synchronizer. P. Orr. 2,118,619; May 24.
- Transmission synchronizer. W. B. Osborne. 2,134,315; Oct. 25.
- Transmission system. V. B. Bagnall. 2,109,562; Mar. 1.
- Transmission system. H. S. Black. 2,106,337; Jan. 25.
- Transmission system. H. S. Black. 2,126,529; Aug. 9.
- Transmission system. H. T. Budenbom. 2,117,698; May 17.
- Transmission system. E. H. J. C. Gillet. Re. 20,792; July 12.
- Transmission system. J. L. Hysko. 2,139,232; Dec. 6.
- Transmission system. P. D. Lowell. 2,111,567; Mar. 22.
- Transmission system. F. S. Mabry. 2,117,895; May 17.
- Transmission system. J. A. Parrott. 2,113,708; Apr. 12.
- Transmission system. E. R. Taylor. 2,137,036; Nov. 15.
- Transmission system, Electrical. N. Monk and W. H. Tidd. 2,118,471; May 24.
- Transmission system, High-frequency. J. F. Wentz. 2,111,651; Mar. 22.
- Transmission system, High frequency. E. L. C. White and E. C. Cork. 2,125,597; Aug. 2.
- Transmission, System of. H. M. Vanderhider. 2,139,103; Dec. 6.
- Transmission system, Single side-band. G. H. Huber. 2,140,912; Dec. 20.
- Transmission unit for motor vehicles. C. T. Doman. 2,126,876; Aug. 16.
- Transmission, Vacuum controlled. D. K. Badertscher. 2,106,292; Jan. 25.
- Transmission, Variable. E. S. Hall. 2,108,062; Feb. 15.
- Transmission, Variable speed. A. Y. Dodge. Re. 20,846; Sept. 6.
- Transmission, Variable speed. A. B. Knight. 2,107,483; Feb. 8.
- Transmission, Variable speed. G. L. Olson. 2,139,560; Dec. 6.
- Transmission, Variable speed. W. P. Schmitter. 2,126,508; Aug. 9.
- Transmitter. W. T. Ditchman. 2,120,800; June 14.
- Transmitter. C. A. Volf. 2,118,993; May 31.
- Transmitter circuit. R. Bruckner. 2,138,138; Nov. 29.
- Transmitter for fluid pressure systems. E. C. S. Clench. 2,126,310; Aug. 9.
- Transmitter modulation. H. Pitsch. 2,135,198; Nov. 1.
- Transmitter system. P. C. Gardiner. 2,116,390; May 3.
- Transmitter, Telemetric. J. C. Thoresen. 2,111,678-9; Mar. 22.
- Transmitters, Controlling high frequency. E. Schulze-Herringen. 2,137,629; Nov. 22.
- Transmitters, Modulating high frequency. H. Wehrlin. 2,127,148; Aug. 16.
- Transmitters, Protecting device for telephone. M. Rubel. 2,120,043; June 7.
- Transmitting apparatus in teleprinters. R. D. Salmon and F. R. Thomas. 2,130,400; Sept. 20.
- Transmitting system. F. H. Kroger. 2,112,967; Apr. 5.
- Transparent container. F. J. Hoarle. 2,141,752; Dec. 27.
- Transport system, Air flow ventilating, heating, cooling, humidifying, gassing control. F. A. Maginnis. 2,130,430; Sept. 20.
- Transportation apparatus. H. B. Atherton. 2,128,667; Aug. 30.
- Transportation chair. B. H. Drake. 2,138,269; Nov. 29.
- Transportation device. M. P. Nelson. 2,117,905; May 17.
- Transportation means. N. A. Ludington. Re. 20,760; June 14.
- Transportation means. N. A. Ludington. 2,117,067-8; May 10.
- Transportation system. B. F. Fitch and R. A. Norbom. 2,114,707; Apr. 19.
- Transporting and dumping vehicle. G. R. Dempster. 2,121,121; June 21.
- Transporting and guiding means. M. Desbordes and P. Bertrand. 2,120,435; June 14.
- Transporting equipment. E. H. Remde. 2,120,042; June 7.
- Trap—  
 Animal snare trap. Humane trap.  
 Animal trap. Insect trap.  
 Automatic rat trap. Mineral trap.  
 Automatic resetting trap. Mouse trap.  
 Bandit or burglar trap. Pigeon trap.  
 Drain trap. Radiator siphon trap.  
 Electrocuting trap. Return trap.  
 Fly trap. Rodent or animal trap.  
 Gas trap. Scale trap.  
 Gopher trap. Sink drain trap.  
 Grasshopper trap. Soot trap.  
 Hand trap. Steam trap.  
 Hawk and owl trap. Target trap.  
 Heat trap.
- Trap. M. Bilinski. 2,124,227; July 19.
- Trap. G. M. Cull. 2,132,983; Oct. 11.
- Trap. W. F. Lamp. 2,122,147; June 28.
- Trap. B. F. Lewis. 2,123,471; July 12.
- Trap. A. Mause. 2,110,654; Mar. 8.
- Trap. C. L. Oswald. 2,118,569; May 24.
- Trap. E. A. Thibodeaux. 2,112,796; Mar. 29.
- Trap. F. L. Thompson. 2,113,908; Apr. 12.
- Trap and balanced valve. Scream. W. K. Simpson. 2,107,551; Feb. 8.
- Trap and mounting therefor. J. D. Altemus. 2,136,034; Nov. 8.



- Trap for leaking gas, Underground. G. B. Anthony. 2,108,840; Feb. 22.
- Trap for rodents. S. Krahle. 2,104,083; Jan. 4.
- Trap for suction conduits, Condensate. H. C. Grant, Jr. 2,124,516; July 19.
- Trap mounting. J. D. Altemus and A. W. R. J. Moeller. 2,136,035; Nov. 8.
- Trap timer. A. E. Roth. 2,129,966; Sept. 13.
- Trash bag holder, Temporary. O. A. Tatsch. 2,117,689; May 17.
- Traveler. W. W. Bassett. 2,111,544-5; Mar. 22.
- Traveler. P. C. Wentworth and A. C. Link. 2,118,873; May 31.
- Traveler for twister rings. C. R. Delagrangé. 2,127,082; Aug. 16.
- Traveler record fastener, Composite. A. M. Bovier. 2,108,471; Feb. 15.
- Traveling bag. A. Levine. 2,125,051; July 26.
- Traveling conveyor, Overhead. W. E. Sparling and R. K. Wilson. 2,123,917; July 19.
- Traveling reel. A. H. Haberstump and F. N. Cramer. 2,118,556; May 24.
- Traversograph. G. A. Hart. 2,136,944; Nov. 15.
- Tray. J. H. Horsley. 2,141,001; Dec. 20.
- Tray. C. Richardson, Jr. 2,118,326; May 24.
- Tray. J. Solomon. 2,126,353; Aug. 9.
- Tray and holder, Dental impression. L. Kalvin. 2,117,846; May 17.
- Tray, Automobile serving. J. H. Wuest. 2,115,323; Apr. 26.
- Tray, Counter. P. H. Meyer. 2,127,826; Aug. 23.
- Tray, Counter display change. M. Radin and A. Appelbaum. 2,115,538; Apr. 26.
- Tray, Dental. A. Lange. 2,122,101; June 28.
- Tray, Dental impression. H. H. Montgomery and A. J. Bourgeois. 2,118,980; May 31.
- Tray, Electric. E. O. Sessions. 2,134,805; Nov. 1.
- Tray fastening device. J. J. Brazell and C. A. Brosnan. 2,108,472; Feb. 15.
- Tray, Filing. A. C. Williamson. 2,116,373; May 3.
- Tray for beauty parlor chairs. E. Halas. 2,112,669; Mar. 29.
- Tray for refrigerators, Freezing. G. S. Hill. 2,133,860; Oct. 18.
- Tray, Freezing. H. D. Geyer. 2,110,482; Mar. 8.
- Tray, Freezing. H. D. Geyer. 2,120,026; June 7.
- Tray, Freezing. H. D. Geyer. 2,120,701; June 14.
- Tray, Freezing. H. D. Geyer. 2,122,937; July 5.
- Tray, Freezing. E. E. Grover. 2,113,940; Apr. 12.
- Tray front. C. F. Wolters. 2,112,821; Mar. 29.
- Tray, Heatproof service. W. A. Morris. 2,119,342; May 31.
- Tray, Ice. S. W. E. Andersson. 2,133,266; Oct. 18.
- Tray, Ice. C. A. Bauer. 2,138,058; Nov. 29.
- Tray, Ice. A. C. Fischer. 2,118,538; May 24.
- Tray, Ice cube freezing. B. N. Waldenmeyer. 2,133,219; Oct. 11.
- Tray, Impression. R. L. Hughes. 2,117,666; May 17.
- Tray, Impression. E. C. Meldman. 2,136,821; Nov. 15.
- Tray, Ironer. S. S. Holland. 2,119,277; May 31.
- Tray, Letter. T. Hearn and G. S. McKee. 2,135,814; Nov. 8.
- Tray loading device. W. L. Gerrans, Jr. 2,133,442; Oct. 18.
- Tray, Nursing. F. S. Schade. 2,118,900; May 31.
- Tray or basket, Dish holding. J. E. Manley. 2,119,821; June 7.
- Tray, Proofer. F. Marasso. 2,104,431; Jan. 4.
- Tray, Protector. J. B. Knight. 2,140,232; Dec. 13.
- Tray, Refrigerator. R. E. Kaufmann. 2,112,027; Mar. 22.
- Tray, Service. R. Ziegler. 2,114,460; Apr. 19.
- Tray, Serving. E. Prevost. 2,123,257; July 12.
- Tray, Serving. M. B. Solomon. 2,107,744; Feb. 8.
- Tray, Tackle box. H. C. Murrer. 2,131,408; Sept. 27.
- Tray with drop side rail. L. T. Le Febure and F. Thayer. 2,123,882; Aug. 30.
- Trays, Making dental. S. Salabes. 2,113,223; Apr. 5.
- Tread and forming the same, Safety. R. J. Dewees. 2,113,462; Apr. 5.
- Tread means for double tired wheels. R. N. Bennett and C. L. George. 2,110,587; Mar. 8.
- Tread, Safety. C. A. Beaumont and F. Sherritt. 2,106,399; Jan. 25.
- Trendle for railway signaling systems, Wheel actuated. A. Brown. 2,124,340; July 19.
- Trendle switch. W. C. Putnam. 2,134,800; Nov. 1.
- Treating process for all kinds of fibers. H. U. M. de Oca. 2,113,361; Apr. 5.
- Treating solutions from petroleum oils, Separating. W. A. Schulze. 2,131,525; Sept. 27.
- Treatment machine, Station type. E. P. Bullard, III. 2,129,463; Sept. 6.
- Tree and producing, Artificial Christmas. J. Frei, Jr. 2,125,907; Aug. 9.
- Tree, Artificial. E. O. Thalinger. 2,113,038; Apr. 5.
- Tree, Artificial Christmas. J. Frei, Jr. 2,125,906; Aug. 9.
- Tree clamp or cup protector. C. A. Brinson. 2,135,422; Nov. 1.
- Tree decorating appliance. C. V. East. 2,126,457; Aug. 9.
- Tree felling device. E. Dästner. 2,120,394; June 14.
- Tree holder, Christmas. J. L. Lyons. 2,107,638; Feb. 8.
- Tree loading and unloading mechanism. C. F. Irish. 2,105,353; Jan. 11.
- Tree, Ornamental. E. J. Bublitz. 2,129,563; Sept. 6.
- Tree pruner. L. S. Strippling. 2,107,401; Feb. 8.
- Trees and the like, Apparatus for transplanting. J. G. Butts. 2,130,117; Sept. 13.
- Trees, Treating. J. W. Winford. 2,122,734; July 5.
- Tremolo device for accordions. J. M. Bolster. 2,133,012; Oct. 11.
- Tremulant for stringed musical instruments. M. L. Lohman. 2,136,627; Nov. 15.
- Trencher, Roadside. W. G. Van Voorhis. 2,140,823; Dec. 20.
- Trestle. R. C. Brown. 2,132,285; Oct. 4.
- Trestle. J. F. Kacena. 2,112,778; Mar. 29.
- Trestle, Collapsible. C. L. Edwards. 2,136,420; Nov. 15.
- Triek device. L. Krug. 2,117,809; May 17.
- Trifluoromethyl-phenylsulphides, oxidation products thereof and preparing the same. F. Müller, O. Scherer, and W. Schumacher. 2,108,606; Feb. 15.
- Trigger and the locking mechanism of a gun, Device for operating the. M. Lempereur. 2,110,089; Mar. 1.
- Trigger, Combined pull and release. P. J. Jones. 2,136,511; Nov. 15.
- Trigger for machine guns. S. G. Green. 2,119,536; June 7.
- Trigger mechanism. H. C. Wright and H. W. Allen. 2,126,076; Aug. 9.
- Trigger mechanism for double-barreled guns, Single. E. E. Miller. 2,142,000; Dec. 27.
- Trigger mechanism for firearms. T. F. Sanders. 2,117,218; May 10.
- Trigger relay and similar device, Electric. H. T. Gooding. 2,125,630; Aug. 2.
- Trim molding and making the same. J. S. Reid. 2,138,710; Nov. 29.
- Trim panel, Automobile. H. J. Woodall. Re. 20,943; Dec. 6.
- Trim panel construction. P. R. Zinser. 2,134,496; Oct. 25.
- Trim panels, Apparatus for preparing. C. W. Avery. 2,125,480; Aug. 2.
- Trimmer. F. G. Bovard. 2,117,695; May 17.
- Trimmer and notching machine, Shirt collar band edge. T. Cohen. 2,127,326; Aug. 16.
- Trimmer, Corn ear. F. W. Douthitt. 2,105,525; Jan. 18.
- Trimmer, Electric lawn edge. P. P. Bruder. 2,139,353; Dec. 6.
- Trimmer for collapsible tube making machines, Adjustable. G. W. Temple. 2,114,272; Apr. 12.
- Trimming. W. F. Thumm. 2,106,260; Jan. 25.
- Trimming apparatus. J. C. Smith. 2,105,131; Jan. 11.
- Trimming, Apparatus and method for making concealed edge. C. Seaman. 2,113,949; Apr. 12.
- Trimming attachment for sewing machines. M. Fell. 2,105,032; Jan. 11.
- Trimming, Curtain. H. A. Klabre. 2,141,795; Dec. 27.
- Trimming machine. F. M. Card. 2,105,347; Jan. 11.
- Trimming machine. H. M. Hessenbruch. 2,119,942; June 7.
- Trimming machine. J. T. Lancaster. 2,125,931; Aug. 9.
- Trimming machine. A. A. Lawson. 2,140,532; Dec. 20.
- Trimming machine. R. S. Painter. 2,108,139; Feb. 15.
- Trimming machine. J. V. Poole. 2,115,786; May 3.
- Trimming machine. R. H. Seer. 2,104,138; Jan. 4.
- Trimming means for control surfaces. I. I. Sikorsky. 2,120,717; June 14.
- Trimming, Method and apparatus for making. C. Seaman. 2,113,950; Apr. 12.
- Trimming, Method of and machine for. W. H. Nutt. 2,108,177; Feb. 15.
- Trimming, Molded. E. R. Chatterton. 2,120,885; June 14.
- Trimming of pieces, Mechanical. L. Saives. 2,110,530; Mar. 8.
- Trimming strip and making same, Laminated. G. H. Huffer. 2,119,482; May 31.
- Trimethylamine and ammonia, Separating a mixture of. M. R. Fenske and C. E. Andrews. 2,125,905; Aug. 9.
- Trimethylamine from mixtures of monomethylamine and dimethylamine, Separation of. L. U. Spence. 2,119,474; May 31.
- Trimethylamine, Recovering. P. Herold and W. Wustrow. 2,118,674; May 24.
- Trinitrobenzene, Purification of. J. B. Castner and M. C. Knake. 2,132,845; Oct. 11.
- Trinitrotoluene, Purification of. J. A. Wyler. Re. 20,926; Nov. 22.
- Trinitrotoluene, Purification of. J. A. Wyler. 2,126,162; Aug. 9.
- Trinket. W. H. Roll. 2,109,092; Feb. 22.
- Trip controlled brake. R. R. Stevens. 2,121,552; June 21.
- Tripack. W. D. Baldisfien and J. R. Weber. 2,112,226; Mar. 29.
- Tripe washer. O. Biedermann. 2,119,311; May 31.
- Tripod mounting. D. A. Chambers. 2,135,797; Nov. 8.
- Tripping device. J. W. Ogden. 2,130,898; Sept. 20.
- Tripping system, High speed. E. W. Boehne. 2,130,871; Sept. 20.
- Triturating apparatus. W. B. Marshall. 2,131,689; Sept. 27.
- Triturations of fresh plants, Preparing. A. Kuhn. 2,128,616; Aug. 30.



- Trocar. R. Lloyd. 2,112,629; Mar. 29.
- Troll line stabilizer. N. E. Warner. 2,115,375; Apr. 26.
- Trolley and current collector means. H. J. L. Frank and J. A. Messing. 2,117,552; May 17.
- Trolley and extension lamp, Combined. L. R. Bogardus. 2,120,775; June 14.
- Trolley collector for electrical distribution systems. H. J. L. Frank and J. A. Messing. 2,132,022; Oct. 4.
- Trolley construction, Electric. E. M. Glasgow. 2,128,135; Aug. 23.
- Trolley current collector. B. G. Cooper. 2,136,938; Nov. 15.
- Trolley device. E. A. Larsson. 2,117,028; May 10.
- Trolley duct. H. J. L. Frank and W. A. Harper. 2,128,998; Sept. 6.
- Trolley fixture, Overhead. L. C. Spencer. 2,114,864; Apr. 19.
- Trolley for revolving doors. T. M. Hagenbook. 2,105,972; Jan. 18.
- Trolley glider. B. G. Cooper. 2,136,937; Nov. 15.
- Trolley pole tender. E. A. Larsson. 2,117,030; May 10.
- Trolley retriever. C. I. Earll. 2,131,223; Sept. 27.
- Trolley, Soaking-pit. C. H. Schramm. 2,137,813; Nov. 22.
- Trolley wire support. S. S. Matthes. 2,127,085; Aug. 16.
- Trolling line sinker. E. Chochoard. 2,115,302; Apr. 26.
- Trombone. O. E. Beers. 2,113,502; Apr. 5.
- Trommel. R. D. Heller. 2,119,676; June 7.
- Trommel screen. J. A. Traylor. 2,121,371; June 21.
- Trough, Cattle feed. J. Smrekar, Sr. 2,122,591; July 5.
- Trough, Chick feed. R. O. Bate. 2,106,266; Jan. 25.
- Trough conveyor. C. E. Pink. 2,114,237; Apr. 12.
- Trough, Eaves. A. E. Dean. 2,120,395; June 14.
- Trough, Feed saving. T. Waite. 2,130,048; Sept. 13.
- Troughs, Device for discharging. E. Aeschbach. 2,137,558; Nov. 22.
- Trouser hanger. C. D. Forsberg. 2,108,555; Feb. 15.
- Trouser leg, Heat resisting. E. G. Grundstrom. 2,127,355; Aug. 16.
- Trouser support and shirt retainer. W. F. Gustlin. 2,134,442; Oct. 25.
- Trousers. S. Adamson. 2,106,334; Jan. 25.
- Trousers. C. Capuano. 2,113,646; Apr. 12.
- Trousers. S. R. Korolick. 2,132,117; Oct. 4.
- Trousers. J. Oviatt. 2,123,060; July 5.
- Trousers and the like. J. L. Cornish. 2,140,221; Dec. 13.
- Trousers cuff. D. and S. Segelin. 2,111,945; Mar. 22.
- Trousers cuff, Fastening. F. R. Curtiss. Re. 20,758; June 14.
- Trousers hanger. H. F. Saenger. 2,121,715; June 21.
- Trousers, Retaining creases in. L. G. Bowman. 2,110,644; Mar. 8.
- Trousers support. H. P. Beck. 2,104,287; Jan. 4.
- Truck. F. E. Bachman. 2,116,964; May 10.
- Truck. C. J. Du Pont and J. W. Ferris. 2,130,418; Sept. 20.
- Truck. C. L. Eastburg. 2,114,976; Apr. 19.
- Truck. R. Faries. 2,132,612; Oct. 11.
- Truck. R. Faries. 2,138,485; Nov. 29.
- Truck. W. C. Hedgcock. 2,116,789; May 10.
- Truck. J. F. Holloway. 2,107,296; Feb. 8.
- Truck. W. W. MacDonald. 2,109,177; Feb. 22.
- Truck. G. J. McQueen. 2,107,384; Feb. 8.
- Truck. A. H. Oelkers. 2,135,728; Nov. 8.
- Truck. A. Walton, Jr. 2,133,126; Oct. 11.
- Truck. R. R. Webber. 2,129,340; Sept. 6.
- Truck and body interlock, Railway vehicle. M. P. Blomberg. 2,128,281; Aug. 30.
- Truck and wheel train especially intended for railroad vehicles. E. Bugatti. 2,129,405; Sept. 6.
- Truck, Articulated railway. R. F. Newton. 2,115,466; Apr. 26.
- Truck assembly for model railway cars. S. Beutlich. 2,133,530; Oct. 18.
- Truck, Barrel transport. H. L. Anderson. 2,137,560; Nov. 22.
- Truck body assembly and method. Hand. T. Shaw. 2,130,161; Sept. 13.
- Truck body, Dump. C. W. Melninger. 2,140,590; Dec. 20.
- Truck body, Hand operated. S. M. Nampa. 2,121,922; June 28.
- Truck body of the walk-in type, Refrigeration. B. S. Snowden. 2,125,205; July 26.
- Truck, Car. H. M. Pfleger. 2,106,359; Jan. 25.
- Truck, Car. J. A. Shafer. 2,104,404-5; Jan. 4.
- Truck channel iron reach, Steel farm. D. W. Voorhees. 2,135,227; Nov. 1.
- Truck, Clamp. P. J. Stine. 2,109,305; Feb. 22.
- Truck construction for vehicles. H. F. Flowers. 2,110,214; Mar. 8.
- Truck construction, Vehicle. O. K. Kjolseth. 2,125,184; July 26.
- Truck conversion. P. Carlson. 2,116,666; May 10.
- Truck, Convertible hand. K. Nagai. 2,111,398; Apr. 19.
- Truck conveyor, Hand. C. S. Borggaard. 2,107,465; Feb. 8.
- Truck, Extensible. C. E. Robinson and J. F. Holloway. 2,113,964; Apr. 12.
- Truck, Fire hose. C. M. C. Baird. 2,139,484; Dec. 6.
- Truck, Garbage. J. J. Peterson. 2,130,099; Sept. 13.
- Truck ice loading and unloading device. S. K. Wallace. 2,138,893; Dec. 6.
- Truck, Hand. C. B. Hall. 2,132,069; Oct. 4.
- Truck, Hand. L. E. Jones. 2,129,772; Sept. 13.
- Truck, Hand. T. W. Yeats. 2,113,780; Apr. 12.
- Truck, Hand lift. G. Quayle. 2,110,424; Mar. 8.
- Truck, Hand lift. G. Quayle. 2,121,764; June 21.
- Truck, Industrial. C. E. Cochran. 2,114,165; Apr. 12.
- Truck, Industrial. E. H. Remde. 2,108,063; Jan. 18.
- Truck, Industrial. S. K. Towson. 2,114,156-7; Apr. 12.
- Truck, Ladder. H. M. Havens. 2,114,262; Apr. 12.
- Truck, Lift. A. E. Williams. 2,130,939; Sept. 20.
- Truck, Lifting. C. S. Schroeder. 2,126,289; Aug. 9.
- Truck loader. D. D. McDermott. 2,116,728; May 10.
- Truck loader and unloader. J. M. Milan. 2,139,417; Dec. 6.
- Truck, Material handling. M. L. Croff. 2,131,426; Sept. 27.
- Truck, Milk. A. J. Cordrey. 2,108,104; Feb. 15.
- Truck, Motor. R. Faries. 2,123,505; July 12.
- Truck, Motor generator. W. J. Oesterlein. 2,117,034; May 10.
- Truck or the like, Lift. G. H. Pride. 2,122,992; July 5.
- Truck or the like, Lift. G. H. Pride. 2,127,938; Aug. 23.
- Truck, Rail. O. M. Ebell. 2,124,246; July 19.
- Truck, Rail car. W. B. Dean. 2,132,001; Oct. 4.
- Truck, Rail car. W. B. Dean. 2,136,733; Nov. 15.
- Truck, Railway. D. S. Barrows. 2,108,362; Feb. 15.
- Truck, Railway. D. S. Barrows. 2,132,381-7; Oct. 11.
- Truck, Railway. D. S. Barrows. 2,139,434; Dec. 6.
- Truck, Railway. P. B. Camp. 2,141,767; Dec. 27.
- Truck, Railway. G. F. Couch. 2,108,653; Feb. 15.
- Truck, Railway. G. F. Couch. 2,118,006; May 17.
- Truck, Railway. G. F. Couch. 2,118,537; May 24.
- Truck, Railway. O. K. Kjolseth. 2,113,465; Apr. 5.
- Truck, Railway. O. K. Kjolseth. 2,123,053; July 5.
- Truck, Railway. H. M. Pfleger. 2,127,934; Aug. 23.
- Truck, Railway. H. M. Pfleger and E. S. Beckett. 2,127,935; Aug. 23.
- Truck, Railway car. M. P. Blomberg. 2,137,074; Nov. 15.
- Truck, Railway car. E. R. Hill. 2,140,452; Dec. 13.
- Truck, Railway car. E. P. O'Connor. 2,110,004; Mar. 1.
- Truck, Refuse. J. Goodman. Re. 20,947; Dec. 13.
- Trunk, Separately lockable compartment. F. Christoffersen. 2,115,253; Apr. 26.
- Truck, Spring damping. E. W. Webb. Re. 20,723; May 10.
- Truck stabilizer. A. C. Davidson. 2,129,408; Sept. 6.
- Truck structure, Railway. E. G. Hallquist. 2,127,916; Aug. 23.
- Truck structure, Railway. E. G. Hallquist. 2,138,449; Nov. 29.
- Truck suspension. W. W. Wohlfarth. 2,104,284; Jan. 4.
- Truck, Tandem wheel. W. R. Redhead. 2,124,149; July 19.
- Truck, Tank. F. A. Holby. Re. 20,863; Sept. 20.
- Truck, Tank-carrying. E. O. Robinson. 2,131,673; Sept. 27.
- Truck, Three piece lateral motion. H. T. Casey. 2,116,496; May 10.
- Truck trailer combination. I. H. Judd. 2,108,968; Feb. 22.
- Truck, Transport. C. H. White. 2,141,805; Dec. 27.
- Truck, Unloading. R. E. Wall. 2,107,682; Feb. 8.
- Truck, Utility. P. E. Hawkins. 2,112,652; Mar. 29.
- Truck, Warehouse. W. A. Berg. 2,105,210; Jan. 11.
- Truck wheel. C. J. Hug. 2,120,098; June 7.
- Truck, Wheeled. G. B. Hollett. 2,116,312; May 3.
- Truck with unloading means. J. E. Curtis. 2,110,262; Mar. 8.
- Trunk and gas tank, Combined automobile. N. White. 2,110,411; Mar. 8.
- Trunk and trailer, Combination. F. C. Schultz. 2,110,944; Mar. 15.
- Trunk angle construction. J. Ritter, Jr. 2,139,518; Dec. 6.
- Truss. A. R. Bell. 2,108,521; Feb. 15.
- Truss. J. E. Hansen. 2,126,550; Aug. 9.
- Truss. G. W. Lowe. 2,137,578; Nov. 22.
- Truss. W. A. Pense. 2,130,697; Sept. 20.
- Truss. E. P. Riess. 2,114,317; Apr. 19.
- Truss for human rupture. O. C. Dobbs. 2,142,073; Dec. 27.
- Truss for rupture. O. C. Dobbs. 2,142,074; Dec. 27.
- Truss structure. W. M. Graham and F. B. Benzon. 2,139,363; Dec. 6.
- Trussed apparatus. C. H. Hamaker. 2,135,818; Nov. 8.
- Try-gun outfit. E. Pugsley. 2,121,982; June 28.
- Tty square. W. H. Mohr. 2,139,243; Dec. 6.
- Tty square. E. J. Wicheger. 2,132,875; July 5.
- T's, Forming reducing. E. M. Cartwright. 2,113,250; Apr. 5.
- Tub and board construction. Wash. G. E. Sowney. 2,120,157; June 7.
- Tub, Dye. T. D. McClellan. 2,133,823; Oct. 18.
- Tub, Manufacturing a. C. J. Rodman. 2,114,180; Apr. 12.
- Tube. See—
- |                               |                          |
|-------------------------------|--------------------------|
| Admiralty condenser tube      | Discharge tube           |
| Amplifier tube                | Electric discharge tube  |
| Braun tube                    | Electron discharge tube  |
| Cathode ray tube              | Electron tube            |
| Charge storage dissector tube | Electronic tube          |
| Collapsible tube              | Facsimile recording tube |
| Cylindrical foundation tube   | Flanned tube             |
|                               | Flexible metal tube      |



- Tube: See—  
 Gaseous discharge tube.  
 Gas-filled tube.  
 Grid tube.  
 Heating tube.  
 High frequency power tube.  
 High tension discharge tube.  
 High voltage discharge tube.  
 Image receiving tube.  
 Inner tube.  
 Ionic discharge tube.  
 Light sensitive tube.  
 Luminescent tube.  
 Marking tube.  
 Mercury cathode tube.  
 Metal tube.  
 Multigrad tube.  
 Multiple cathode-ray tube.  
 Tube amplifying system, 2,118,286; May 24.  
 Tube and cap assembly. W. T. Davis. 2,117,407; May 17.  
 Tube and cap. Self-closing. H. W. and R. G. Goss. 2,127,911; Aug. 23.  
 Tube and circuit, Amplifying. G. Jobst and E. Klotz. 2,105,081; Jan. 11.  
 Tube and circuit. Double grid electron. H. Lux. 2,115,866; May 3.  
 Tube and circuit, Secondary emission. H. E. Hollmann. 2,138,920; Dec. 6.  
 Tube and circuits, Thermionic. C. W. Hansell. 2,138,162; Nov. 29.  
 Tube and making same, High pressure. B. L. Quarnstrom. 2,104,884; Jan. 11.  
 Tube and making the same, Collapsible. H. S. Gish. 2,136,007; Nov. 8.  
 Tube and manufacturing the same, Cop. R. Little and F. W. Fraim. 2,138,383; Nov. 29.  
 Tube and obturator therefor, Endoscopic. F. C. Wappler. 2,131,924; Oct. 4.  
 Tube and shape, Vacuum jacketed glass. N. M. Elias. 2,119,009; May 31.  
 Tube and the like, Electric discharge. J. M. Bennett. 2,111,546; Mar. 22.  
 Tube arrangement, Amplifier. K. Wilhelm. 2,119,694; June 7.  
 Tube bender. A. L. Parker. 2,127,185; Aug. 16.  
 Tube bending, Apparatus for. J. F. Wesley. 2,126,235; Aug. 9.  
 Tube burner, Removable. L. H. Warren. 2,130,165; Sept. 13.  
 Tube changing device. M. Pohontsch. 2,115,373; Apr. 26.  
 Tube cleaner. P. T. Keebler. 2,138,009; Nov. 29.  
 Tube closure, Automatic. W. Pazdernick. 2,140,247; Dec. 13.  
 Tube closure device. A. J. Romeis. 2,105,615; Jan. 18.  
 Tube closure, Rotary. F. O. Rhoads. 2,120,510; June 14.  
 Tube coating machine. J. H. Fridén. 2,118,599; May 24.  
 Tube coating means. T. E. Purcell and I. E. Church. 2,112,212; Mar. 22.  
 Tube compensator for aeriels, Thermionic. G. de Monge. 2,116,696; May 10.  
 Tube compressor. J. R. Jackson. 2,112,625; Mar. 29.  
 Tube compressor, Collapsible. H. Oscar. 2,133,754; Oct. 18.  
 Tube construction, Electric. C. A. Horn. 2,107,254; Feb. 1.  
 Tube construction, Thermionic. J. J. Glauber. 2,137,571; Nov. 22.  
 Tube container, Collapsible. H. Quittner. 2,119,926; June 7.  
 Tube coupling. F. Kugel. 2,133,029; Oct. 11.  
 Tube coupling. R. H. Stone. 2,132,326; Oct. 4.  
 Tube cutter. A. C. Dobrick. 2,126,951; Aug. 16.  
 Tube cutting device. L. C. Stringer. 2,108,217; Feb. 15.  
 Tube deformer. A. J. Scholtes. 2,122,725; July 5.  
 Tube delay circuit, Gas discharge. R. K. Honaman and L. K. Swart. 2,104,128; Jan. 4.  
 Tube, Discharge. A. Claude. Re. 20,909; Nov. 8.  
 Tube drawing apparatus. S. D. Inscho. 2,108,790; Feb. 22.  
 Tube enameling machine, Collapsible. W. Prussing. 2,108,443; Feb. 15.  
 Tube ends, Device for finishing. J. G. McMahon. 2,124,743; July 26.  
 Tube extruding die. W. H. Lussie. 2,141,005; Dec. 20.  
 Tube finishing machine, Collapsible. J. H. Fridén. 2,117,713; May 17.  
 Tube flaring device. G. R. Gagne. 2,132,947; Oct. 11.  
 Tube flaring device. T. M. Lilleberg. 2,120,029; June 7.  
 Tube flaring tool. R. J. Corrigan. 2,117,543; May 17.  
 Tube for ice can agitation, Drop. J. C. Koch and H. T. Holbrook. 2,124,622; July 26.  
 Tube for medical use, Rubber. W. Rüsck. 2,116,083; May 3.  
 Tube for oscillographic and television purposes, Braun. K. Schlesinger. 2,111,940; Mar. 22.  
 Tube for producing television images of large size, Braun. K. Schlesinger. 2,111,941; Mar. 22.  
 Multisystem tube.  
 Oscillator tube.  
 Paste tube.  
 Photoelectric tube.  
 Radiant heating tube.  
 Radiographic tube.  
 Refrigerator breather tube.  
 Smoking tube.  
 Split cathode multiplier tube.  
 Steel tube.  
 Surgical drainage tube.  
 Television receiver tube.  
 Television tube.  
 Thief tube.  
 Tuning indicator tube.  
 Ultra-short-wave tube.  
 Vacuum discharge tube.  
 Vacuum tube.  
 X-ray tube.  
 Electron. E. L. Koch. 2,117,407; May 17.  
 Tube for short waves. B. Wienecke. 2,129,076; Sept. 6.  
 Tube for surgical purposes and preparing and using the same. A. Bowen. 2,127,903; Aug. 23.  
 Tube for television purposes, Braun. K. Schlesinger. 2,123,160; July 5.  
 Tube for television purposes, Cathode ray. K. Schlesinger. 2,118,865; May 31.  
 Tube for transferring fluids and valve mechanism therefor. A. O. Payne. 2,110,941; Mar. 15.  
 Tube for trombones and similar instruments, Stationary inner slide. R. B. Olds. 2,106,327; Jan. 25.  
 Tube forming machine. A. Haslauer. 2,116,971; May 10.  
 Tube forming machine. C. Stockstrom. 2,112,720; Mar. 29.  
 Tube heater. G. W. Larson. 2,122,035; June 28.  
 Tube holder. D. Stockwell. 2,110,824; Mar. 8.  
 Tube holding device. F. J. Junkermann. 2,107,635; Feb. 8.  
 Tube lining, Oil cracking. W. T. Hancock. 2,129,174; Sept. 6.  
 Tube mill. A. E. Alger. 2,132,552; Oct. 11.  
 Tube noises, Reduction of. C. W. Hansell. 2,135,034; Nov. 1.  
 Tube of thermoplastic derivatives of cellulose. W. Salemmé. 2,103,022; Feb. 8.  
 Tube or bar rolling mill, Continuous. B. Brownstein. 2,140,414; Dec. 13.  
 Tube or container, Collapsible. H. J. Boetel. 2,128,035; Aug. 23.  
 Tube or lamp, Electric discharge. A. Lederer. 2,106,753; Feb. 1.  
 Tube or the like, Electric discharge. G. D. O'Neill. 2,111,002; Mar. 15.  
 Tube protective device, Electric luminescent gas. P. J. Kayatt. 2,118,437; May 24.  
 Tube rectifier voltage supply. W. F. Eames. 2,112,080; Mar. 22.  
 Tube rolling mill. J. Severin. 2,126,509; Aug. 9.  
 Tube sign. E. R. Nickel. 2,129,780; Sept. 13.  
 Tube stem machine, Space discharge. L. K. Marshall. 2,109,544; Mar. 1.  
 Tube structure. H. Niclassen. 2,109,274; Feb. 22.  
 Tube support. A. R. Houser and J. C. Ducommun. 2,120,805; June 14.  
 Tube terminal, Pneumatic. J. M. Scanlan. 2,135,355; Nov. 1.  
 Tube tester. H. P. Manly. 2,141,479; Dec. 27.  
 Tube testing apparatus. F. Fausett. 2,133,610; Oct. 18.  
 Tube testing apparatus, Collapsible. C. J. Westin. 2,107,922; Feb. 8.  
 Tube warmer, Flexible. P. Tishman. 2,120,301; June 14.  
 Tube with metal envelope, Hot cathode. E. F. Lowry. 2,121,761; June 21.  
 Tube with tank circuits, Vacuum. R. K. Potter. 2,107,387; Feb. 8.  
 Tube with zero temperature effect, Grid glow. R. K. Gessford and D. D. Knowles. 2,121,591; June 21.  
 Tubes, Aging vacuum. D. Ulrey. 2,109,225; Feb. 22.  
 Tubes and like hollow bodies, Apparatus for bending metal. S. F. Ibbetson and W. R. Green. 2,117,724; May 17.  
 Tubes and tubular articles, Manufacture of metal. S. Smith. 2,140,434; Dec. 13.  
 Tubes, Apparatus for handling. B. A. E. Johnson. 2,127,974; Aug. 23.  
 Tubes, Apparatus for heating test. C. R. Madden. 2,119,172; May 31.  
 Tubes, Apparatus for manufacturing cellulose coated and impregnated fibrous. J. P. Smith. 2,105,273; Jan. 11.  
 Tubes, Apparatus for manufacturing latex. A. O. Abbott, Jr., G. K. McNeill, E. Hazell, and W. A. Gibbons. 2,112,513; Mar. 29.  
 Tubes, Closure device for collapsible. W. S. Tucker. 2,141,572; Dec. 27.  
 Tubes, Controlling gas-filled. L. L. von Kramolin. 2,104,533; Jan. 4.  
 Tubes, Coppering of seamless. M. Braun. 2,121,393; June 21.  
 Tubes, Device for controlling a plurality of luminous. E. Funk. 2,114,678; Apr. 19.  
 Tubes, Device for expressing contents from collapsible. C. Stanton. 2,104,954; Jan. 11.  
 Tubes, Device for extracting contents from. A. R. Bunting. 2,124,907; July 26.  
 Tubes for vehicle tires, Manufacture of inner. H. Wagner. 2,134,591; Oct. 25.  
 Tubes, Gettering vacuum. H. Vatter. 2,121,180; June 21.  
 Tubes, Lighting neon. R. W. Reitherman. 2,136,924; Nov. 15.  
 Tubes, Making. H. C. Hackett. 2,133,137; Oct. 11.  
 Tubes, Making collapsible. J. H. Fridén. 2,141,602; Dec. 27.  
 Tubes, Making corrugated flexible. R. H. Stone. 2,127,943; Aug. 23.  
 Tubes, Making inner. G. W. Becker. 2,120,346; June 14.  
 Tubes, Making insulating. A. Arutunoff. 2,129,256; Sept. 6.  
 Tubes, Making threaded. J. A. Adell. 2,104,688; Jan. 4.  
 Tubes, Manufacture of radio. F. E. Bash. 2,115,759; May 3.  
 Tubes, Manufacture of rifled. A. A. Dicke. 2,104,319; Jan. 4.



- Tubes, Manufacturing composite seamless. R. K. Hopkins. 2,107,943; Feb. 8.  
 Tubes, Method and apparatus for exhausting. W. W. Eitel. 2,134,710; Nov. 1.  
 Tubes, Method and apparatus for forming. H. C. Aument. 2,130,727; Sept. 20.  
 Tubes, Method and apparatus for manufacturing collapsible. B. A. E. Johnson. 2,104,485; Jan. 4.  
 Tubes of metallic structures, Device for uniting. F. Innocenti. 2,133,197; Oct. 11.  
 Tubes of thermoplastic derivatives, Method and apparatus for making. W. Salemm. 2,108,023; Feb. 8.  
 Tubes of thermoplastic material, Jointing of. G. Meerbeck. 2,118,893; May 31.  
 Tubes or diaphragms, Production of highly elastic flexible. A. Dreyer. 2,115,419; Apr. 26.  
 Tubes or fabric hose, Manufacturing commercial rubber. A. Meyer. 2,119,465; May 31.  
 Tubes, Ornamentation of. J. N. Whitehouse. 2,111,132; Mar. 15.  
 Tubes, Sealing collapsible. B. E. Johnson. 2,132,071; Oct. 4.  
 Tubing, Apparatus for expanding sections of. E. Riemschneider and R. H. Thoms. 2,142,017; Dec. 27.  
 Tubing, Apparatus for the manufacture of rubber. P. A. Raiche. 2,106,018; Jan. 18.  
 Tubing bleeder and jar. W. H. Stigall. 2,139,319; Dec. 6.  
 Tubing blow-out preventer. G. E. McLagan. 2,129,531; Sept. 6.  
 Tubing catcher. C. S. Crickmer. 2,118,497; May 24.  
 Tubing catcher. R. A. Wilson. 2,119,763; June 7.  
 Tubing catcher. V. York. 2,127,900; Aug. 23.  
 Tubing clip. B. L. Quarnstrom. 2,108,347; Feb. 15.  
 Tubing control head. G. E. McLagan. 2,109,546; Mar. 1.  
 Tubing cutter. W. O. Thewes. 2,130,934; Sept. 20.  
 Tubing, Draining oil well. C. J. Coberly. 2,133,272; Oct. 18.  
 Tubing, Drip lip. T. A. Graham and H. W. Mollison. 2,132,564; Oct. 11.  
 Tubing, Flexible corrugated metal. F. Jacobson. 2,125,447; Aug. 2.  
 Tubing head. G. A. Humason. 2,134,044; Oct. 25.  
 Tubing head. H. P. Wickersham and E. Burns. 2,122,827; July 5.  
 Tubing head or hanger. E. L. Barker. 2,104,180; Jan. 4.  
 Tubing, Making flexible. H. W. Webb. 2,135,651; Nov. 8.  
 Tubing, Manufacture of rubber. R. R. Cowen and C. L. Silva. 2,125,001; July 26.  
 Tubing, Method and apparatus for making thermoplastic. J. B. Tegarty. 2,140,213; Dec. 13.  
 Tubing, Method of and apparatus for bending vitreous. W. R. Walker. 2,135,775; Nov. 8.  
 Tubing, Method of and apparatus for welding. F. L. Sessions. 2,139,211; Dec. 6.  
 Tubing port control, Well. A. M. Chrisman. 2,118,428; May 24.  
 Tubing, Producing multibore glass. E. Danner. 2,131,417; Sept. 27.  
 Tubing, Protected. H. J. Little. 2,105,124; Jan. 11.  
 Tubes, Making. C. J. Rodman. 2,135,877; Nov. 8.  
 Tubular article, Corrosion resistant. D. K. Crampton and N. W. Mitchell. 2,133,845; Oct. 18.  
 Tubular article, Corrosion resistant. D. K. Crampton and N. W. Mitchell. 2,133,847-8; Oct. 18.  
 Tubular article, Making a. J. W. Baxter. 2,132,555; Oct. 11.  
 Tubular article, Making a. T. A. Graham. 2,132,565; Oct. 11.  
 Tubular articles, Apparatus for forming. W. C. Robbins. 2,107,837; Feb. 8.  
 Tubular articles, Making. C. J. Keller. 2,126,473; Aug. 9.  
 Tubular bodies, Method of and apparatus for cleaning. H. F. Bottorf. 2,117,648; May 17.  
 Tubular connector. L. L. Haas. 2,117,955; May 17.  
 Tubular members, Casting. D. E. Jones. 2,116,630; May 10.  
 Tubular members, Joining. S. C. Hollister, J. E. Trainer, and B. T. Kehoe. 2,121,035; June 21.  
 Tubular members, Molding. J. Visman. 2,130,254; Sept. 13.  
 Tubular product, Making a. A. S. Lynch. 2,122,481; July 5.  
 Tubular structure, Artificial cellulose. J. E. Brandenberger. 2,138,568; Nov. 29.  
 Tubular structures from sheet metal, Forming. J. J. Black. 2,115,441; Apr. 26.  
 Tubular system, Installing a. J. S. Coe and W. M. Mulholland. 2,121,558; June 21.  
 Tubular unit for water walls or the like. H. Frank. 2,140,739; Dec. 20.  
 Tubular woven fabric. J. W. Stark. 2,119,893; June 7.  
 Tucking device for wrapping machines. E. L. Smith. 2,132,546; Oct. 11.  
 Tuft weaving loom. C. Alvord. 2,123,983; July 19.  
 Tufting attachment for sewing machines. G. T. Callahan. 2,120,229; June 14.  
 Tufting machine. G. Looper. 2,123,111; July 5.  
 Tufting machine. R. G. McCamy. 2,112,219; Mar. 22.  
 Tufting machine. M. A. White. 2,110,385; Mar. 8.  
 Tufting machine. R. H. Windham and M. A. White. 2,112,512; Mar. 29.  
 Tuft and lace comprising multiple elastic threads. A. Isaac. Re. 20,809; July 26.  
 Tumbler. G. W. Temple. 2,131,260; Sept. 27.  
 Tumbler and washer, Combination. A. M. Dinetz. 2,116,753; May 10.  
 Tumbler, Bucket chain. T. C. Whisler. 2,132,198; Oct. 4.  
 Tumbler, Drying. R. A. Hetzer. 2,123,304; July 12.  
 Tumbler feeding mechanism. H. W. Schneider and L. O. Mankin. 2,125,837; Aug. 2.  
 Tumbling, Apparatus for teaching. O. O. Howland. 2,107,377; Feb. 8.  
 Tumbling mill. C. H. Hammell. 2,131,732; Oct. 4.  
 Tumbling mill. N. Ransohoff. 2,118,227; May 24.  
 Tuna, clams, and oysters, Canning. L. T. Hopkinson. 2,110,801; Mar. 8.  
 Tuned circuit. C. H. Brown. 2,126,868; Aug. 16.  
 Tuned oscillator circuit. B. J. Thompson. 2,104,915; Jan. 11.  
 Tuner for string instruments. G. A. Peate. 2,130,248; Sept. 13.  
 Tungsten titanium carbide, Preparing. P. M. McKenna. 2,113,354; Apr. 5.  
 Tungsten titanium carbide,  $WTi_2$ . P. M. McKenna. 2,113,353; Apr. 5.  
 Tuning apparatus for high frequency receiving systems. C. G. Suits. 2,133,878; Oct. 18.  
 Tuning arrangement for automobile radios. W. V. B. Roberts. 2,111,738; Mar. 22.  
 Tuning control, Automatic. M. G. Crosby. 2,123,716; July 12.  
 Tuning control, Automatic. C. J. van Loon. 2,108,420; Feb. 15.  
 Tuning device for radio receivers. A. W. Plensler. 2,130,153; Sept. 13.  
 Tuning device for lecher-wire systems. G. de Vries and H. B. R. Boosman. 2,113,758; Apr. 12.  
 Tuning head for stringed instruments. J. E. Kluson. 2,132,792; Oct. 11.  
 Tuning indicator and dial. J. E. Albright and W. L. Carlson. 2,124,023; July 19.  
 Tuning indicator circuit. W. F. Ewald. 2,122,562; July 5.  
 Tuning indicator circuit. D. E. Foster. 2,122,567; July 5.  
 Tuning indicator system. K. A. Chittick. 2,123,001; July 5.  
 Tuning indicator tube. H. Nelson. 2,132,216; Oct. 4.  
 Tuning indicator tube. H. C. Thompson. 2,130,162; Sept. 13.  
 Tuning indicator tube. H. C. Thompson. 2,113,669; Apr. 12.  
 Tuning indicator tube. H. M. Wagner. 2,122,268-9; June 28.  
 Tuning means for radio sets, Automatic. J. T. Jones. 2,124,195; July 19.  
 Tuning mechanism for radio apparatus. V. C. Macnabb. 2,114,540; Apr. 19.  
 Tuning of radio receivers, Remote. C. Pelmulder and H. O. Storm. 2,112,446; Mar. 29.  
 Tuning range adjustment device. W. V. Roberts. 2,129,026; Sept. 6.  
 Tuning receiving systems. Y. Delbord. 2,133,849; Oct. 18.  
 Tuning scale. H. M. Lewis. Re. 20,632; Jan. 18.  
 Tuning system for radio receivers. H. E. Brohman. 2,110,196; Mar. 8.  
 Tuning system for radio receivers, Multifrequency. W. I. Carpenter. 2,115,619; Apr. 26.  
 Tuning system, Selective. S. W. Seeley and T. J. Scofield. 2,138,209; Nov. 29.  
 Tunnel mucking apparatus. C. M. Browner. 2,107,688; Feb. 8.  
 Tunneling machine. D. M. Hollingsworth. 2,134,478; Oct. 25.  
 Tunneling system. S. M. Mercer and H. L. Myer. 2,116,905; May 10.  
 Tunnels, Constructing. M. I. Killmer. 2,107,671; Feb. 8.  
 Turbine. J. S. Carpenter. 2,139,932; Dec. 13.  
 Turbine. S. S. Cook. 2,132,509; Oct. 11.  
 Turbine. L. D. Millard. 2,122,235; June 28.  
 Turbine and speed controlling mechanism therefor, Steam. C. A. Schellens. 2,124,339; July 19.  
 Turbine arrangement, Elastic fluid. A. R. Smith. 2,121,643; June 21.  
 Turbine arrangement, Extraction. A. Rosch and H. Neumann. 2,108,614; Feb. 15.  
 Turbine arrangement, Extraction. A. Rosch. 2,123,064; July 5.  
 Turbine blade. R. Franks. 2,140,905; Dec. 20.  
 Turbine blade finishing. C. R. Soderberg. 2,117,107; May 10.  
 Turbine blades, Securing. L. F. Small, P. F. Lee, and A. A. Jennings. 2,128,268; Aug. 30.  
 Turbine, Current propelled. M. D. Mushkin. 2,128,592; Aug. 30.  
 Turbine, Elastic fluid. J. H. Doran. 2,142,738; Mar. 29.  
 Turbine, Elastic fluid. E. L. Robinson. 2,110,679; Mar. 8.  
 Turbine, Elastic fluid. G. B. Warren. 2,121,645; June 21.  
 Turbine, Gas. M. Martinka. 2,141,101; Dec. 27.  
 Turbine, Hydraulic. J. P. Sutton. 2,115,650; Apr. 26.  
 Turbine, Internal combustion. W. E. Trumpler. 2,138,220; Nov. 29.  
 Turbine plant. A. Hlinschka. 2,112,090; Mar. 22.  
 Turbine pump. G. A. Riggs. 2,131,611; Sept. 27.  
 Turbine system. H. P. Dahlstrand. 2,139,357; Dec. 6.



- Turbine system of the continuous combustion type, Gas. A. Lysholm. 2,131,751; Oct. 4.
- Turbine turning mechanism, Elastic fluid. A. Howard. 2,129,529; Sept. 6.
- Turbine turning mechanism, Elastic fluid. H. L. Newell. 2,129,534; Sept. 6.
- Turbine, Water. E. A. Jackson. 2,140,230; Dec. 13.
- Turbo machine. M. Reiffenstein. 2,123,120; July 5.
- Turbomechanical transmission gear. H. Föttinger. 2,126,547; Aug. 9.
- Turbotorque transformer. H. Föttinger. 2,130,717; Sept. 20.
- Turf, Means for spiking. W. H. Fulton. 2,127,510; Aug. 23.
- Turning and boring tool, Adjustable. F. C. Jearum. 2,125,005; July 26.
- Turning machine for forming pistons of elliptical shape, Diamond. I. J. Snader and C. A. Birkebak. 2,121,934; June 28.
- Turn-bank and position indicator. W. K. Burgess. 2,139,670; Dec. 13.
- Turn indicator. S. B. Schrader. 2,139,976; Dec. 13.
- Turnstile. W. J. Kennedy. 2,109,354; Feb. 22.
- Turntable, Phonographic. B. A. Proctor. 2,104,241; Jan. 4.
- Turntable. P. W. Toews. 2,135,924; Nov. 8.
- Turntable for wheel aligners. J. W. Morse. 2,135,195; Nov. 1.
- Turpentine worker's tool. J. M. Council. 2,119,454; May 31.
- Turret centering and locking mechanism. W. R. Gorham. 2,135,639; Nov. 8.
- Turret mounting. H. A. Knox and H. W. Evans. 2,128,949; Sept. 6.
- Tuyère. W. V. Sauter. 2,141,619; Dec. 27.
- Tuyère block. R. G. Felger, A. C. McLellan, A. S. Griswold, and E. E. Dubry. 2,128,355; Aug. 30.
- Tuyère, Continuous. C. A. Hamilton. 2,112,908; Apr. 5.
- Tuyère for stokers, Apron. R. L. Beers. 2,105,875; Jan. 18.
- Tuyère plate. H. A. Ellis. 2,120,589; June 14.
- Tuyère, Ventilated. W. A. Riddell. 2,122,951; July 5.
- 22,23-dihydroergosterol and manufacture thereof. A. Windaus. 2,128,198; Aug. 23.
- Twin cylinder engine. C. Monti. 2,131,595; Sept. 27.
- Twin-fan structure. W. W. Allen. 2,108,738; Feb. 15.
- Twin finger ring. A. E. Coleman. 2,127,766; Aug. 23.
- Twister cap. W. B. Cooper. 2,116,342; May 3.
- Twisting frame. A. W. Babbitt and J. C. Lewis. 2,117,870; May 17.
- 2-amino-8-hydroxy-quinoline and its salts and producing the same. H. J. Schneiderwirth. 2,121,449; June 21.
- 2-amino-6-piperidyl-pyridines. J. P. Wibaut and H. J. den Hertog, Jr. 2,129,294; Sept. 6.
- 2-BZ-1-dibenzanthronyl, Preparing. C. F. Belcher. 2,136,998; Nov. 15.
- Two-cycle engine. C. L. Bowden. 2,121,727; June 21.
- Two-cycle engine. G. Exel. 2,119,878; June 7.
- Two-cycle engine. R. H. Schneider. 2,115,180; Apr. 26.
- 2,4-dinitro-5-naphthylamino-phenols. E. C. Britton, F. B. Smith, J. E. Livak, and W. W. Sunderland. 2,120,664; June 14.
- 2,4-dinitro-6-cyclohexyl-phenol, Preparation of. R. F. Prescott. 2,112,543; Mar. 29.
- 2,4-dioxo-3,3-dialkyl-6-methyl-tetrahydro-pyridine, Manufacture of. O. Schnider. 2,137,192; Nov. 15.
- 2-hydroxymethyl-1,3-dioxolane. R. W. McNamee and C. M. Blair. 2,140,938; Dec. 20.
- 2-P-dioxanone, Production of. R. W. McNamee and C. M. Blair. 2,142,033; Dec. 27.
- Two-dioxo ketone cap. E. Seefeld. 2,130,746; Sept. 20.
- 2,6-dichloroanthraquinone, Preparation of. M. S. Whelen. 2,127,098; Aug. 16.
- 2,6-dimethylnaphthalene-1-sulphonic acid and preparing it. W. Schumacher. 2,107,910; Feb. 8.
- Two-step solenoid valve. G. C. Davis and G. J. Hachmeister. 2,132,204; Oct. 4.
- Two-stroke combustion engine. G. Steinlein. 2,119,121; May 31.
- Two-stroke engine, Scavenging. A. Bokemüller. 2,108,576; Feb. 15.
- 2,3,6-triamino-pyridine and making it. M. Engelmann. 2,136,044; Nov. 8.
- 2,2'-bis(4-hydroxyphenyl)-4,4'-dihydroxy-para-phenanthroline and manufacture thereof. H. Heneka. 2,140,318; Dec. 13.
- Tying device. R. A. Harschnek. 2,140,156; Dec. 13.
- Tying machine. H. Harvey. 2,134,186-7; Oct. 25.
- Type and manufacturing, Printing. L. H. Klein. 2,131,289; Sept. 27.
- Type case, Adjustable. R. I. Scheuer. 2,136,656; Nov. 15.
- Type casting and setting machine. F. Devèze. 2,104,500; Jan. 4.
- Type casting machine. R. B. Chase. 2,129,164; Sept. 6.
- Type casting machine. C. A. Macomic. 2,109,494; Mar. 1.
- Type casting machine. R. J. Woodruff. 2,116,460; May 3.
- Type, Dies for printing hand-composed odd. F. J. Weber. 2,108,357; Feb. 15.
- Type lock make-up device. C. L. Self. 2,131,761; Oct. 4.
- Type regulator, Vibrating. J. F. Kovalsky. 2,128,094; Aug. 23.
- Typesetting device. J. W. Lyons. 2,105,667; Jan. 18.
- Type spacer or the like, Printing. F. J. Lemieux. 2,116,948; May 10.
- Type wheel. C. A. Putnam and C. F. Robbins. 2,106,306; Jan. 25.
- Typewriter. B. Baumann. 2,117,235; May 10.
- Typewriter. R. G. Bower. 2,121,853; June 28.
- Typewriter. B. L. Green. 2,114,296; Apr. 19.
- Typewriter. W. M. Patton. 2,140,330; Dec. 13.
- Typewriter. D. Y. Read. 2,114,270; Apr. 12.
- Typewriter. W. Tobias. 2,125,826; Aug. 2.
- Typewriter action. H. W. Slavin. 2,139,700; Dec. 13.
- Typewriter attachment. J. E. Euth. 2,109,288; Feb. 22.
- Typewriter attachment. J. W. Hall. 2,118,972; May 31.
- Typewriter attachment. A. W. Metzner. 2,112,248; Mar. 29.
- Typewriter attachment. B. A. Schroeder. 2,112,681; Mar. 29.
- Typewriter box. E. T. Johnson. 2,137,293; Nov. 22.
- Typewriter cabinet, Convertible. E. D. Estrates, A. Psihas, and G. Lesfakis. 2,125,777; Aug. 2.
- Typewriter eraser. E. A. Mercereau. 2,130,963; Sept. 20.
- Typewriter keyboard. R. F. Estes. 2,120,174; June 7.
- Typewriter mechanism. H. E. Page. 2,129,866; Sept. 13.
- Typewriter, Music. G. Rundstatter. 2,117,363; May 17.
- Typewriter, Portable. G. Prezioso. 2,140,092; Dec. 13.
- Typewriter, Power operated. R. G. Bower. 2,104,007; Jan. 4.
- Typewriter punch combination. E. Roggenstein. 2,135,220; Nov. 1.
- Typewriter ribbons, Making. S. A. Neidich. 2,104,237; Jan. 4.
- Typewriter stand. A. N. Thomas. 2,105,868; Jan. 18.
- Typewriter stop mechanism. J. F. Koca. 2,122,614; July 5.
- Typewriter table. W. W. Wells. 2,123,687; July 12.
- Typewriter-types, Manufacture of. E. Thorell. 2,110,347-8; Mar. 8.
- Typewriter, typewriter calculating machine, and the like. R. Anschütz. 2,141,158; Dec. 27.
- Typewriters, Noise-damping device for power-driven. A. Salzberger. 2,119,928; June 7.
- Typewriters, Noise silencing type bar actuating arrangement for. H. Benzing. 2,141,028; Dec. 20.
- Typewriters, Reducing shock in the escapement mechanisms of. J. F. Koca. 2,138,324; Nov. 29.
- Typewriting and card-perforating machine, Combined. A. G. F. Kurowski and J. A. B. Smith. Re. 20,746; May 31.
- Typewriting and computing machine, Combined. H. L. Pitman. 2,115,870; May 3.
- Typewriting and computing machine, Combined. H. L. Pitman. 2,118,860-1; May 31.
- Typewriting and computing machine, Combined. O. Thieme. 2,115,922; May 3.
- Typewriting and computing machine, Combined. O. Thieme. 2,139,566; Dec. 6.
- Typewriting and like machine. G. G. Going. 2,138,151; Nov. 29.
- Typewriting and like machine. F. A. Hart. 2,123,280; July 12.
- Typewriting and like machine. F. W. Schremp. 2,127,431; Aug. 16.
- Typewriting machine. H. A. Avery and J. P. Barkdoll. 2,134,097; Oct. 25.
- Typewriting machine. C. H. Beiderbecke. 2,114,261; Apr. 12.
- Typewriting machine. E. M. R. Borg. 2,107,364; Feb. 8.
- Typewriting machine. C. W. Crumrine. 2,129,650; Sept. 13.
- Typewriting machine. W. A. Dobson. 2,107,370; Feb. 8.
- Typewriting machine. W. A. Dobson. 2,126,315; Aug. 9.
- Typewriting machine. W. A. Dobson. 2,131,135; Sept. 27.
- Typewriting machine. O. Fischer. 2,127,251; Aug. 16.
- Typewriting machine. D. L. Fleming. 2,111,619; Mar. 22.
- Typewriting machine. C. A. Fuchs. 2,127,508-9; Aug. 23.
- Typewriting machine. C. Gabrielson. 2,123,938; July 19.
- Typewriting machine. W. A. Gabrielson. 2,127,812; Aug. 23.
- Typewriting machine. G. F. Handley. 2,119,814; June 7.
- Typewriting machine. G. F. Handley. 2,126,323; Aug. 9.
- Typewriting machine. W. F. Helmond. 2,104,482; Jan. 4.
- Typewriting machine. W. F. Helmond. 2,115,912; May 3.
- Typewriting machine. W. F. Helmond. 2,118,085; May 24.
- Typewriting machine. W. F. Helmond. 2,118,846; May 31.
- Typewriting machine. W. F. Helmond. 2,126,326; Aug. 9.
- Typewriting machine. W. F. Helmond. 2,134,821-2; Nov. 1.
- Typewriting machine. J. L. Hillis. 2,120,360; June 14.
- Typewriting machine. A. G. F. Kurowski. 2,121,086; June 21.
- Typewriting machine. A. G. F. Kurowski. 2,139,552; Dec. 6.
- Typewriting machine. W. S. Lemmon. 2,126,647; Aug. 9.
- Typewriting machine. C. R. Mabon. 2,136,820; Nov. 15.
- Typewriting machine. J. L. Petz. 2,111,125; Mar. 15.
- Typewriting machine. J. L. Petz. 2,135,948; Nov. 8.
- Typewriting machine. J. F. Pfeiffer. 2,139,095; Dec. 6.



- Typewriting machine. R. V. Reppert. 2,127,530; Aug. 23.
- Typewriting machine. J. A. B. Smith. 2,107,397-8; Feb. 8.
- Typewriting machine. J. A. B. Smith. 2,113,006; Apr. 5.
- Typewriting machine. J. A. B. Smith. 2,115,920; May 3.
- Typewriting machine. J. A. B. Smith. 2,131,149-50; Sept. 27.
- Typewriting machine. J. A. B. Smith. 2,134,845; Nov. 1.
- Typewriting machine. B. C. Stickney. 2,108,832; Feb. 22.
- Typewriting machine. B. C. Stickney. 2,111,410; Mar. 15.
- Typewriting machine. B. C. Stickney. 2,112,794; Mar. 29.
- Typewriting machine. B. C. Stickney. 2,131,152; Sept. 27.
- Typewriting machine. R. G. Thompson. 2,123,756; July 12.
- Typewriting machine. R. G. Thompson. 2,126,356; Aug. 9.
- Typewriting machine. E. L. Wise. 2,126,297; Aug. 9.
- Typewriting machine, Flatbed. E. Hano and J. M. Prentice. 2,105,732; Jan. 18.
- Typewriting, Teaching and practicing. J. H. Brownjohn. 2,109,442; Feb. 22.
- Typist's stand. M. Hassett. 2,140,674; Dec. 20.
- Typist's copying gauge. S. Ford. 2,115,331; Apr. 26.
- Typographical casting machine. R. R. Mead. 2,128,426; Aug. 30.
- Typographical composing and casting machine. T. J. Thatcher. 2,116,051; May 3.
- Typographical composing machine. C. A. Albrecht. 2,112,127-8; Mar. 22.
- Typographical composing machine. F. C. Frolander. 2,125,671; Aug. 2.
- Typographical composing machine. F. C. Frolander. 2,135,748; Nov. 8.
- Typographical composing machine. P. Hilpman. 2,125,675; Aug. 2.
- Typographical composing machine. F. C. Frolander. 2,116,018; May 3.
- Typographical composing machine. R. R. Mead. 2,125,681; Aug. 2.
- Typographical machine. E. M. Goodbody. 2,142,051; Dec. 27.
- Typographical machine. J. H. Hilpman. 2,117,557; May 17.
- Typographical slug casting machine. C. A. Albrecht. 2,123,557; July 12.
- Typographical slug casting machine. J. E. Billington and R. H. Scott. 2,112,134; Mar. 22.
- U-tube gauge. H. E. Reynolds and W. Alexander. 2,118,229; May 24.
- U-type two-cycle engine. G. E. A. Hallett. 2,133,510; Oct. 18.
- Ultrahigh frequency apparatus. J. Evans. 2,125,900; Aug. 9.
- Ultrahigh frequency generator. R. A. Heising. 2,111,626; Mar. 22.
- Ultrashort wave circuit. H. E. Hollmann. 2,111,396; Mar. 15.
- Ultrashort wave circuit. N. E. Lindenblad. 2,128,422; Aug. 30.
- Ultra-short-wave tube. W. Dällenbach. 2,141,080; Dec. 20.
- Umbrella. P. G. Braunschweiger. 2,130,294; Sept. 13.
- Umbrella. L. A. Capaldo. 2,128,634; Aug. 30.
- Umbrella. S. A. Grissel. 2,114,598; Apr. 19.
- Umbrella. I. Hollander. 2,120,959; June 14.
- Umbrella. A. E. Pollock. 2,105,225; Jan. 11.
- Umbrella. F. Rosenberg, W. S. Evans, and J. Lutz. 2,132,648; Oct. 11.
- Umbrella construction. E. W. Weaver. 2,111,578; Mar. 22.
- Umbrella cover. F. Voelker. 2,105,172; Jan. 11.
- Umbrella frame, Telescopic. A. Zierold and K. Kortebach. 2,124,842; July 26.
- Umbrella handle, Interchangeable. P. S. Sobotka. 2,117,373; May 17.
- Umbrella runner and catch therefor. R. W. Trimpi. 2,136,569; Nov. 15.
- Umbrella, Signal. T. G. Carmody. 2,104,340; Jan. 4.
- Umbrella to be worn on head. L. D. Myers. 2,140,647; Dec. 20.
- Uncoupling mechanism for car couplers. A. J. Bazeley. 2,125,711; Aug. 2.
- Underbody. R. S. Begg. 2,108,191; Feb. 15.
- Undercarriage construction for aircraft. W. Anttila. 2,136,778; Nov. 15.
- Underframe for mine cars, Welded. W. H. Statler. 2,128,333; Aug. 30.
- Undergarment. S. L. Berger. 2,116,822; May 10.
- Undergarment. J. A. Boysen. 2,128,876; Aug. 30.
- Undergarment. J. F. Goodenow. 2,134,039; Nov. 1.
- Undergarment. M. Imersheim. 2,137,163; Nov. 15.
- Undergarment. H. Jean. 2,114,634; Apr. 19.
- Undergarment. J. M. Lindh. 2,116,360; May 3.
- Undergarment. M. E. McCracken. 2,126,905; Aug. 16.
- Undergarment. A. N. Oppenheim. 2,138,643; Nov. 29.
- Undergarment. P. H. Robbins. 2,110,056; Mar. 1.
- Undergarment. H. Van Praag. 2,123,616; July 12.
- Undergarment, Combination. J. Scherfer. 2,130,906; Sept. 20.
- Undergarment, Man's. F. Chatfield. 2,138,481; Nov. 29.
- Undergarment, Man's. A. M. Reis. 2,140,459; Dec. 13.
- Undergarment, Reenforced ventilated. H. M. McDonald. Re. 20,841; Aug. 30.
- Undergarment, Reenforced, ventilated. H. M. McDonald. 2,114,268; Apr. 12.
- Undergarment, Sleeveless. H. Lichtenstein. 2,105,605; Jan. 18.
- Undergarment, Woman's. G. M. Stuckey. 2,125,744; Aug. 2.
- Underground structure, Determining. J. J. Jakosky. 2,138,818; Dec. 6.
- Underreamer. H. C. Smith. 2,110,582; Mar. 8.
- Underreamer. H. C. Smith. 2,121,888; June 28.
- Underreamer. H. C. Smith. 2,126,146; Aug. 9.
- Underreamer. F. Swan. 2,111,464; Mar. 15.
- Underreamer and oversize-hole drilling tool. J. A. Zublin. 2,113,820; Apr. 12.
- Underreamer, Rotary. F. Wintemute. 2,124,663; July 26.
- Underwear. B. Sanders. 2,118,797; May 24.
- Uniform, dress, and like garments. J. K. McComb and G. D. Burruss. 2,128,536; Aug. 30.
- Union, Explosionproof. N. A. Tornblom. 2,106,444; Jan. 25.
- Unipolar generator, Compensated. F. T. Hague and F. R. J. Davis. 2,134,511; Oct. 25.
- Unit connector. W. J. Buchring. 2,128,895; Sept. 6.
- Unit cylinder clasp brake. W. H. Baselt. 2,129,603; Sept. 6.
- Unit dispensing device. F. G. Steiner. 2,117,375; May 17.
- Unit dispensing device. F. G. Steiner. 2,125,754; Aug. 2.
- Unit type tumbler switch. G. A. Johnson. 2,117,171; May 10.
- United folding leg table. B. E. Willett. 2,107,252; Feb. 1.
- Universal coupling. F. C. Biggert, Jr. 2,118,028; May 24.
- Universal coupling. F. M. Guy. 2,122,837-8; July 5.
- Universal coupling. A. P. A. ten Broek. 2,121,455; June 21.
- Universal coupling, Flexible. H. Kattwinkel. 2,123,307; July 12.
- Universal dispensing holder. J. A. Rumore. 2,137,984; Nov. 22.
- Universal driving joint. J. A. Parent. 2,133,176; Oct. 11.
- Universal easel table. O. J. Pducha. 2,108,295; Feb. 15.
- Universal joint. G. V. and R. E. Curtis. 2,113,441; Apr. 5.
- Universal joint. C. D. Cutting. 2,141,264; Dec. 27.
- Universal joint. J. M. Floyd. 2,134,508; Oct. 25.
- Universal joint. E. R. Koppel. 2,134,563; Oct. 25.
- Universal joint. L. L. Mallard. 2,140,295; Dec. 13.
- Universal joint. J. McCavitt. 2,114,807; Apr. 19.
- Universal joint. J. E. Padgett. 2,107,497; Feb. 8.
- Universal joint. C. E. Swenson. 2,113,998; Apr. 12.
- Universal joint. H. Wollner. 2,124,803; July 26.
- Universal joint. H. Wollner. 2,132,816; Oct. 11.
- Universal joint, Spring toggle. F. E. Nelson. 2,137,179; Nov. 15.
- Universal joint, Two-bearing. C. D. Cutting. 2,117,706; May 17.
- Universal mounting. L. G. Ponce. 2,112,656; Mar. 29.
- Unknown quantities, Indicating and/or recording. M. J. Johnson. 2,109,776; Mar. 1.
- Unloader. M. Kindt. 2,132,824; Oct. 11.
- Unloading means for hopper cars. A. J. Thrall. 2,116,807; May 10.
- Unsaturated compounds, Treatment of. A. J. van Peski. 2,122,826; July 5.
- Unwinder and winder mechanism for paper machinery. C. P. Putnam. 2,141,315; Dec. 27.
- Upholsterer's spring. S. Braun. 2,125,987; Aug. 9.
- Upholstery. C. H. Gerlofson. 2,141,271; Dec. 27.
- Upholstery. R. R. Thompson. 2,130,935; Sept. 20.
- Upholstery. H. E. Williams. 2,133,762; Oct. 18.
- Upholstery construction. A. M. Bank. 2,124,048; July 19.
- Upholstery construction. A. M. Bank. 2,135,555; Nov. 8.
- Upholstery fastener. E. N. Ross. 2,115,179; Apr. 26.
- Upholstery, Method and apparatus for the manufacture of. A. S. Mitchell. 2,132,429; Oct. 11.
- Upholstery pln. D. I. Reiter. 2,127,234; Aug. 16.
- Upholstery trim, Displaceable. A. E. Northup. 2,120,036; June 7.
- Upholstery trim panels, Method and apparatus for manufacture of. A. S. Mitchell. 2,140,711; Dec. 20.
- Uppers over lasts, Method and machine for shaping. R. Jorgensen. 2,117,330; May 17.
- Upsetting apparatus. H. Finzel. 2,113,583; Apr. 12.
- Urea aldehyde molding compositions containing a latent curing catalyst. C. Ellis. 2,133,689; Oct. 18.
- Urea aldehyde resin and making same, Low cellulose. C. Ellis. 2,115,550; Apr. 26.
- Urea cellulose solutions. R. S. Schreiber. 2,129,708; Sept. 13.
- Urea derivatives, Preparing. W. Scott. 2,140,272; Dec. 13.
- Urea formaldehyde condensation products. L. Smitdh. 2,140,561; Dec. 20.
- Urea formaldehyde polyhydric alcohol polybasic acid condensation products. A. G. Hovey and T. S. Hodgins. 2,109,291; Feb. 22.



- Urea manufacture. H. C. Hetherington. 2,129,689; Sept. 13.
- Urea synthesis. H. W. de Ropp. 2,116,881; May 10.
- Ureides containing a quaternary carbon atom. F. C. Whitmore, A. H. Homeyer, and C. I. Noll. 2,135,064; Nov. 1.
- Ureido N-diaryl dicarboxylic acid halides. G. M. Dyson and A. Renshaw. 2,126,180; Aug. 9.
- Utensil, Cooking. G. Blandi. 2,134,997; Nov. 1.
- Utensil, Cooking. B. Glowitz. 2,131,658; Sept. 27.
- Utensil, Cooking. L. G. Howlett. 2,134,759; Nov. 1.
- Utensil, Cooking. J. B. McMullen. 2,139,598; Dec. 6.
- Utensil, Cooking. K. E. Porter. 2,141,822; Dec. 27.
- Utensil, Cooking. G. J. Smith. 2,118,530; May 24.
- Utensil, Cooking. C. Stirn. 2,125,741; Aug. 2.
- Utensil, Cooking. J. H. Wiersma. 2,117,780; May 17.
- Utensil cover, Water replenishing. F. Ellinger. 2,132,609; Oct. 11.
- Utensil, Culinary. C. Pistorius. 2,141,223; Dec. 27.
- Utensil, Cutting. G. M. Farabough. 2,140,075; Dec. 13.
- Utensil, Dresser set. W. Steinen. 2,136,644; Nov. 15.
- Utensil, Electric cooking. J. R. Cross. 2,119,421; May 31.
- Utensil, Electric cooking. W. H. Sickinger. 2,111,056; Mar. 15.
- Utensil handle, Cooking. R. H. Fay. 2,127,250; Aug. 16.
- Utensil, Kitchen. M. Burieligh. 2,141,901; Dec. 27.
- Utensil, Kitchen. C. O. Le Baron. 2,114,080; Apr. 12.
- Utensil, Kitchen. T. J. Smulski. 2,133,724; Oct. 18.
- Utensil, Kitchen. C. A. Sundstrand. 2,121,453; June 21.
- Utensil, Paper. G. B. Linderman, Jr. 2,125,793; Aug. 2.
- Utensils, Cooking. F. A. Anetsberger. 2,136,535; Nov. 15.
- Utensils, Manufacture of cooking. A. Peron. 2,108,409; Feb. 15.
- Utility cabinet. H. Feinberg. 2,104,223; Jan. 4.
- Utility rack. E. B. Tisdale. 2,131,990; Oct. 4.
- Utility tool. W. E. Johnston. 2,138,862; Dec. 6.
- Vaccinating method and means. J. M. Isturiz. 2,131,284; Sept. 27.
- Vaccinator. R. T. Sterling. 2,140,409; Dec. 13.
- Vaccinator, Sheep. H. W. and E. E. Townsend. 2,126,358; Aug. 9.
- Vaccine and making the same, Whooping cough. H. Langer and E. Putter. 2,105,486; Jan. 18.
- Vaccine and preparing the same, Distemper. R. G. Green. 2,136,131; Nov. 8.
- Vaccine and production, Hog cholera. W. H. Boynton. 2,114,588; Apr. 19.
- Vaccine lymph, Producing. K. Sukeyawa. 2,112,507; Mar. 29.
- Vacuum and high vacuum pumps, Production of high. N. D. Embree. 2,139,740; Dec. 13.
- Vacuum breaker. M. M. Borden. 2,135,383; Nov. 1.
- Vacuum breaker. A. C. Dobrick and R. A. Tank. 2,131,430; Sept. 27.
- Vacuum breaker. C. J. Kohler. 2,135,582; Nov. 8.
- Vacuum breaker. R. H. Zinkil. 2,137,520; Nov. 22.
- Vacuum breaker for hydraulic machines. T. Norbom. 2,125,946; Aug. 9.
- Vacuum breaking device for preventing back siphonage in water systems. E. J. Kocour. 2,105,044; Jan. 11.
- Vacuum breaking valve. J. A. Brooks. 2,133,804; Oct. 18.
- Vacuum cleaner. E. Campbell. 2,134,396; Oct. 25.
- Vacuum cleaner. J. D. Cole. 2,116,233; May 3.
- Vacuum cleaner. D. M. Dow. 2,104,453; Jan. 4.
- Vacuum cleaner. D. M. Dow. 2,114,630; Apr. 19.
- Vacuum cleaner. D. M. Dow. 2,135,885; Nov. 8.
- Vacuum cleaner. D. M. Dow, D. L. Boyd, and F. H. Burmeister. 2,130,635; Sept. 20.
- Vacuum cleaner. D. M. Dow and L. H. Latta. 2,133,741; Oct. 18.
- Vacuum cleaner. J. B. Dyer. 2,128,525; Aug. 30.
- Vacuum cleaner. A. Eriksson-Jons. 2,125,726; Aug. 2.
- Vacuum cleaner. E. Faber. 2,107,819; Feb. 8.
- Vacuum cleaner. O. Holm-Hansen. 2,133,141; Oct. 11.
- Vacuum cleaner. J. F. R. Karlstrom. 2,134,036; Nov. 1.
- Vacuum cleaner. H. A. Kraenlein. 2,136,247; Nov. 8.
- Vacuum cleaner. G. E. Lofgren. 2,112,372; Mar. 29.
- Vacuum cleaner. P. E. Page. 2,136,312; Nov. 18.
- Vacuum cleaner. F. Riebel, Jr. and D. M. Dow. 2,139,651; Dec. 20.
- Vacuum cleaner. L. P. Voorhees. 2,135,927; Nov. 8.
- Vacuum cleaner. N. H. Watts. 2,136,268; Nov. 8.
- Vacuum cleaner construction. A. Aitken. 2,118,721; May 24.
- Vacuum cleaning apparatus. W. A. van Berkel. 2,116,085; May 3.
- Vacuum closing machine. S. S. Jacobs. 2,113,591; Apr. 12.
- Vacuum control for internal combustion engines. W. G. Charley. 2,134,658; Oct. 25.
- Vacuum cup. P. Q. Williams. 2,123,549; July 12.
- Vacuum diffusion pump. L. Malter. 2,112,037; Mar. 22.
- Vacuum discharge tube. W. Dillenbach. 2,128,235-7; Aug. 30.
- Vacuum distillation process. K. C. D. Hickman. 2,117,500; May 17.
- Vacuum distillation process. M. P. Youker. 2,125,325; Aug. 2.
- Vacuum heating system. G. W. Parkton. 2,131,901; Oct. 4.
- Vacuum holder. W. C. Huebner. 2,133,518; Oct. 18.
- Vacuum in pipe lines, Breaking. E. C. Brisbane. 2,125,330; Aug. 2.
- Vacuum indicating device. C. E. Evans. 2,130,180; Sept. 13.
- Vacuum of discharge apparatus, Method for improving the. W. Espe. 2,112,082; Mar. 22.
- Vacuum operated device. M. Palmer. 2,105,496; Jan. 18.
- Vacuum or siphon breaker. H. D. Yoder. 2,117,389; May 17.
- Vacuum power clutch. J. H. K. and H. J. D. McCollum. 2,129,358; Sept. 6.
- Vacuum, Production of high. P. V. Malloy. 2,126,686; Aug. 9.
- Vacuum pump. A. M. Babitch and G. W. Harry. 2,104,447; Jan. 4.
- Vacuum pump. J. M. Dougherty. 2,107,889; Feb. 8.
- Vacuum pump. C. S. Hornberger and M. N. States. 2,126,553; Aug. 9.
- Vacuum pump. A. E. Landerholm. 2,114,884; Apr. 19.
- Vacuum pump. B. Stelzer. 2,136,528; Nov. 15.
- Vacuum pumping for mercury rectifiers. L. A. Kilgore and J. H. Cox. 2,121,599; June 21.
- Vacuum relief valve, Pressure. C. J. Schroeder. 2,116,769; May 10.
- Vacuum seal indicator. T. S. J. Richards. 2,126,212; Aug. 9.
- Vacuum sealed container. J. H. O'Neil and W. F. Punte. 2,110,093; Mar. 1.
- Vacuum sealing can. F. L. Darling. 2,130,637; Sept. 20.
- Vacuum sealing machine. H. A. Barnby. 2,126,942; Aug. 16.
- Vacuum steam valve. I. Goldberg. 2,132,731; Oct. 11.
- Vacuum switch. W. J. Means. 2,128,427; Aug. 30.
- Vacuum tube. H. G. Cordes. 2,105,463; Jan. 18.
- Vacuum tube. P. M. Haffcke. 2,106,172; Jan. 25.
- Vacuum tube. C. H. Suydam. 2,141,256; Dec. 27.
- Vacuum tube. W. G. Taylor. 2,130,204; Sept. 13.
- Vacuum tube. V. K. Zworykin. 2,109,245; Feb. 22.
- Vacuum tube circuit. H. A. Affel. 2,104,844; Jan. 11.
- Vacuum tube, Metal. H. J. Nolte. 2,124,428; July 19.
- Vacuum valve. B. C. Gardner. 2,125,910; Aug. 9.
- Vacuum wall receptacle. W. C. O'Leary. 2,119,438; May 31.
- Vacuum wheel. R. E. McEmore. 2,104,881; Jan. 11.
- Vacuulizer. J. J. Williams and J. Bauman. 2,120,272; June 14.
- Vaginal treatment. O. A. Strauss. 2,127,094; Aug. 16.
- Valance, Venetian blind. F. E. Stinson. 2,115,935; May 3.
- Valise and baby carriage, Combined doll's. H. Fleisig. 2,113,427; Apr. 5.
- Value stamping machine. J. G. C. Möller. 2,128,156; Aug. 23.
- Valve: See—
- Air brake release valve. Flush valve.
  - Air or gas controlling valve. Fuel injection valve.
  - Air valve. Gas control valve.
  - Air venting valve. Gas lift valve.
  - Annular automatic valve. Gas pilot valve.
  - Atomizing valve. Gas valve.
  - Automatic rotor valve. Gate valve.
  - Automatic shut-off valve. Hand controlled valve.
  - Automatic valve. High pressure valve.
  - Automatically and manually operable valve. Hydraulic control valve.
  - Balanced double seated valve. Hydraulic valve.
  - Bath and shower diverter valve. Intermitent flow valve.
  - Bottle valve. Light valve.
  - Brake valve. Line valve.
  - Butterfly valve. Liquid level controlling valve.
  - Charging and discharging valve. Liquid pressure regulating valve.
  - Choke valve. Lock valve.
  - Compressor valve. Locking stop valve.
  - Cone valve. Lubricated valve.
  - Container valve. Lubricating valve.
  - Control valve. Metering valve.
  - Controlled valve. Mixing valve.
  - Cooled valve. Motor control valve.
  - Cut-out valve. Needle valve.
  - Diaphragm valve. Nozzle valve.
  - Dispensing valve. Oil well valve.
  - Double seated valve. One-way valve.
  - Drain valve. Open hearth valve.
  - Dredge pipe Y valve. Orifice valve.
  - Electric valve. Pilot valve.
  - Electromagnetic valve. Plug valve.
  - Emergency valve. Pneumatic control valve.
  - Engine valve. Pressure controlling valve.
  - Equalizing valve. Pressure relief valve.
  - Excess flow and check valve. Proportioning valve.
  - Exhaust valve. Pump valve.
  - Float valve. Quick closing and sealing valve.
  - Flow diversion valve. Quick coupling valve.
  - Fluid control valve. Quick release valve.
  - Fluid-controlling valve. Radiator air valve.
  - Fluid distributor valve. Radiator steam valve.
  - Fluid pressure indexing valve. Regulating radiator valve.
  - Fluid regulating valve. Regulating valve.
  - Fluid valve. Relief valve.
  - Fluid valve. Relief and drain valve.
  - Fluid valve. Rotary plate valve.
  - Fluid valve. Rotary valve.



## Valve: See—

Safety and relief valve. Thermostatic mixing valve.  
 Safety firing valve. Throttle valve.  
 Safety valve. Time valve.  
 Selector valve. Tire pressure valve.  
 Self-closing valve. Tire valve.  
 Self-venting valve. Train pipe valve.  
 Shock absorber valve. Two-step solenoid valve.  
 Shut-off valve. Vacuum relief valve.  
 Slide valve. Vacuum breaking valve.  
 Stop and drain valve. Vacuum steam valve.  
 Stop and waste valve. Vacuum valve.  
 Stop valve. Vent valve.  
 Tap bushing valve. Water softener valve.  
 Thermooperative valve. Water temperature control  
 Thermostatic control valve. valve.

Valve. J. E. Aderhold, Jr., and O. E. Duemler. 2,119,766; June 7.  
 Valve. R. C. Allen. 2,104,502; Jan. 4.  
 Valve. S. B. Allen. 2,130,333; Sept. 20.  
 Valve. C. H. Armstrong. 2,105,681; Jan. 18.  
 Valve. A. N. Asselin. 2,137,561; Nov. 22.  
 Valve. M. D. Bellinger. 2,115,247; Apr. 26.  
 Valve. J. Bellis. 2,116,556; May 10.  
 Valve. R. Bischoff. 2,128,071; Aug. 23.  
 Valve. W. A. Brimm. 2,110,059; Mar. 1.  
 Valve. E. C. Brisbane and R. Bischoff. 2,104,151; Jan. 4.  
 Valve. E. C. Brisbane and R. Bischoff. 2,114,673; Apr. 19.  
 Valve. E. C. Brisbane and R. Bischoff. 2,129,081; Sept. 6.  
 Valve. G. R. Brown. 2,108,959; Feb. 22.  
 Valve. H. J. M. Burdick. 2,130,611; Sept. 20.  
 Valve. E. A. Cessner. 2,114,921; Apr. 19.  
 Valve. G. Charlton. 2,119,042; May 31.  
 Valve. T. B. Clark. 2,111,169; Mar. 15.  
 Valve. W. B. Collins and W. W. Boggs. 2,130,614; Sept. 20.  
 Valve. W. K. Conover. 2,106,340; Jan. 25.  
 Valve. E. A. Corbin, Jr. 2,126,739; Aug. 16.  
 Valve. H. S. Cover. 2,105,183; Jan. 11.  
 Valve. E. B. Crocker. 2,110,481; Mar. 8.  
 Valve. C. M. Dolby. 2,105,282; Jan. 11.  
 Valve. B. Douredoure. 2,138,446; Nov. 29.  
 Valve. A. D. Gaston. 2,133,983; Oct. 25.  
 Valve. L. Gerber. 2,119,534; June 7.  
 Valve. F. W. Gilchrist. 2,114,900; Apr. 19.  
 Valve. F. R. Goehring. 2,110,859; Mar. 15.  
 Valve. F. Gotthardt. 2,112,363; Mar. 29.  
 Valve. W. A. Heaney. 2,106,406; Jan. 25.  
 Valve. A. J. Henderson. 2,107,182; Feb. 1.  
 Valve. E. E. Hewitt. 2,110,705; Mar. 8.  
 Valve. R. Hoffman. 2,130,955; Sept. 20.  
 Valve. H. H. Holmes. 2,108,312; Feb. 15.  
 Valve. W. L. Hunter. 2,104,039; Jan. 4.  
 Valve. J. A. Jensen. 2,106,136; Jan. 18.  
 Valve. E. G. Johnson. 2,121,354; June 21.  
 Valve. R. W. Johnson. 2,129,938; Sept. 13.  
 Valve. R. W. Johnson and T. A. Wetzel. 2,117,726; May 17.  
 Valve. W. R. Johnson. 2,111,322; Mar. 15.  
 Valve. C. H. Kenneweg. 2,133,200; Oct. 11.  
 Valve. L. H. Kennon. 2,107,200; Feb. 1.  
 Valve. D. J. Killen. 2,131,809; Oct. 4.  
 Valve. C. H. Krause. 2,135,670; Nov. 8.  
 Valve. H. H. Lamar. 2,126,897; Aug. 16.  
 Valve. F. Lechene. 2,112,913; Apr. 5.  
 Valve. J. O. Lewis. 2,111,597; Mar. 22.  
 Valve. J. W. MacClatchie. 2,112,592; Mar. 29.  
 Valve. W. B. Marshall. 2,112,630; Mar. 29.  
 Valve. H. McCarthy. 2,125,942; Aug. 9.  
 Valve. F. R. McGee. 2,121,707; June 21.  
 Valve. W. V. Moore. 2,120,763; June 14.  
 Valve. R. W. Myers. 2,126,799; Aug. 16.  
 Valve. S. J. Nordstrom. 2,114,931; Apr. 19.  
 Valve. G. K. O'Connor. 2,115,998; May 3.  
 Valve. B. B. Owens. 2,136,707; Nov. 16.  
 Valve. H. A. Phillips. 2,123,020; July 5.  
 Valve. C. L. Rayfield. 2,129,963; Sept. 13.  
 Valve. G. Raymond. 2,108,234; Feb. 15.  
 Valve. H. A. Rike. 2,131,301; Sept. 27.  
 Valve. E. R. Schofield. 2,134,208; Oct. 25.  
 Valve. J. D. Seifer. 2,110,557; Mar. 8.  
 Valve. J. M. Sheedy. 2,123,477; July 12.  
 Valve. C. W. Sproull. Re. 20,755; June 7.  
 Valve. W. P. Stuck. 2,128,623; Aug. 30.  
 Valve. S. G. Stuckey. 2,138,986; Dec. 6.  
 Valve. W. E. Swartzwelder. 2,138,714; Nov. 29.  
 Valve. W. M. Teed. 2,110,924; Mar. 15.  
 Valve. A. Trask. 2,106,775; Feb. 1.  
 Valve. W. Turnwald. 2,125,137; July 26.  
 Valve. J. E. Warrick. 2,106,310; Jan. 25.  
 Valve. T. Wheatley. 2,113,100; Apr. 5.  
 Valve. D. D. Wile. 2,108,979; Feb. 22.  
 Valve action, Direct electric. R. B. Lehman. 2,140,802; Dec. 20.  
 Valve actuating device, Engine. L. T. Goates. 2,104,122; Jan. 4.  
 Valve actuating means. D. C. Bettison. 2,120,389; June 14.  
 Valve actuating means. D. C. Bettison. 2,140,826; Dec. 20.  
 Valve adjusting device. R. W. Manning. 2,120,617; June 14.

Valve and desuperheater, Combination reducing. K. B. Howell. 2,138,064; Nov. 29.  
 Valve and guide for internal combustion engines, Air insulated. V. F. Zahodiakin. 2,124,362; July 19.  
 Valve and internal combustion engine construction, Rotary. A. D. Snyder. 2,127,436; Aug. 16.  
 Valve and mounting therefor. G. Wagner. 2,138,530; Nov. 29.  
 Valve and pressure gauge, Combined. A. Seyfarth. 2,108,272; Feb. 15.  
 Valve and pressure regulator, Combined diaphragm. O. Fox. 2,111,560; Mar. 22.  
 Valve and seal therefor, Rotary. R. Chilton. 2,137,390; Nov. 22.  
 Valve and seat, Internal combustion engine. R. Jardine. 2,136,690; Nov. 15.  
 Valve and system of control therefor, Automatic. F. A. Gauger. 2,112,397; Mar. 29.  
 Valve and the like, Filtering. T. A. Hammond. 2,109,230; Feb. 22.  
 Valve and the like, Oven. F. R. Mott. 2,141,614; Dec. 27.  
 Valve and the like, Slush pump. W. A. Abegg. 2,131,928; Oct. 4.  
 Valve and wall scraper, Combined back pressure. C. C. Brown. 2,117,836; May 17.  
 Valve apparatus, Thermionic. E. L. C. White. 2,113,011; Apr. 5.  
 Valve arm construction. L. G. Hilkemeier. 2,127,663; Aug. 23.  
 Valve arrangement for hydraulic gears, Slide. B. Bischof. 2,141,168; Dec. 27.  
 Valve arrangement of inertia shock absorbers. C. R. Hanna. 2,140,359; Dec. 13.  
 Valve assembly. H. H. Bixler. 2,120,852; June 14.  
 Valve assembly. W. H. Haas. 2,106,736; Feb. 1.  
 Valve attachment, Air vent. H. W. Teter. 2,139,867; Dec. 13.  
 Valve bag. A. Du Bois. 2,141,737; Dec. 27.  
 Valve bag. D. E. Scott. 2,105,376; Jan. 11.  
 Valve bodies, Making. A. E. Santamaria. 2,122,957; July 5.  
 Valve body and making same, Forged. J. S. Forbes. 2,133,742; Oct. 18.  
 Valve body, Gate. R. M. Robeson. 2,130,652; Sept. 20.  
 Valve cap. R. M. Heintz. 2,104,257; Jan. 4.  
 Valve casing head, Plug. F. L. Pivoto. 2,134,200; Oct. 25.  
 Valve circuit arrangement, Thermionic. D. F. George. 2,129,088; Sept. 6.  
 Valve circuit, Electric. B. D. Bedford. 2,114,828; Apr. 19.  
 Valve circuit, Electric. B. D. Bedford. 2,137,126; Nov. 15.  
 Valve circuit, Electric. H. W. Lord and T. M. Dickinson. 2,120,565; June 14.  
 Valve circuits, Electric. B. D. Bedford. 2,126,603; Aug. 9.  
 Valve construction. D. H. Greenwood. 2,121,031; June 21.  
 Valve construction. A. W. Mozier. 2,140,328; Dec. 13.  
 Valve construction. M. Palmer. 2,105,495; Jan. 18.  
 Valve construction. J. C. Schellin. 2,117,456; May 17.  
 Valve construction for wind musical instruments. E. B. Todt. 2,132,329; Oct. 4.  
 Valve construction, Lubricator. J. C. Morrow. 2,104,903; Jan. 11.  
 Valve construction, Thermostatic. M. H. Ward. 2,123,979; July 19.  
 Valve control. R. C. Ball. 2,114,013; Apr. 12.  
 Valve control and reversing mechanism. T. Stevenson and C. S. Goby. 2,117,109; May 10.  
 Valve control apparatus. E. G. Parvin. 2,107,874; Feb. 8.  
 Valve control apparatus. H. H. Sherbondy. 2,123,637; July 12.  
 Valve control, Choke. H. Ashworth. 2,121,392; June 21.  
 Valve control, Flush. E. F. Morkisch. 2,106,916; Feb. 1.  
 Valve control means for collapsible material holding tubes. J. W. Young. 2,124,841; July 26.  
 Valve control means for internal combustion engines, Throttle. F. J. Hansen. 2,136,295; Nov. 8.  
 Valve control means, Throttle. W. C. Holden. 2,117,421; May 17.  
 Valve control mechanism. D. D. Goldberg. 2,137,874; Nov. 22.  
 Valve control mechanism, Hydraulic Diesel air chamber. B. Loeffler. 2,116,175; May 3.  
 Valve control system. G. W. Penney. 2,125,083; July 26.  
 Valve control system, Electric. C. Ehrensperger. 2,119,130; May 31.  
 Valve control system, Electric. D. Journeaux. 2,126,395; Aug. 9.  
 Valve control system, Electric. H. Winograd. 2,107,263; Feb. 1.  
 Valve control system, Electric. H. Winograd. 2,113,971; Apr. 12.  
 Valve converting apparatus, Electric. J. Augier and B. G. Laurent. 2,136,227; Nov. 8.  
 Valve converting system, Electric. E. F. W. Alexanderson. 2,122,271; June 28.  
 Valve converting system, Electric. W. E. Gutzwiller. 2,127,214; Aug. 16.



- Valve converting system, Electric. C. C. Herskind. 2,120,097; June 7.
- Valve converting system, Electric. R. Lombardi. 2,114,847; Apr. 19.
- Valve converting system, Electric. H. Neidhardt. 2,114,856; Apr. 19.
- Valve converting system, Electric. E. H. Reid. 2,129,536; Sept. 6.
- Valve converting system, Electric. C. A. Sabbah. 2,114,192; Apr. 12.
- Valve converting system, Electric. C. A. Sabbah and C. C. Herskind. 2,114,193; Apr. 12.
- Valve core. F. S. Boroughs. 2,124,844; July 26.
- Valve core. J. Wahl. 2,116,087; May 3.
- Valve device. C. P. Kersgieter. 2,130,847; Sept. 20.
- Valve device. B. Mollberg. 2,139,376; Dec. 6.
- Valve device. A. W. Wheaton. 2,112,640; Mar. 29.
- Valve device, Emergency. B. S. Aikman. 2,132,915; Oct. 11.
- Valve device, Pressure-reducing. E. Tyden. 2,136,120; Nov. 8.
- Valve device, Reservoir release. C. D. Stewart and R. R. Stevens. 2,121,553; June 21.
- Valve devices, Forming. E. M. Tollefson. 2,111,706; Mar. 22.
- Valve electrode construction, Thermionic. A. Haslauer. 2,116,788; May 10.
- Valve for a four-stroke opposed piston engine, Sleeve. E. Schmid. 2,105,272; Jan. 11.
- Valve for airplane flotation apparatus. H. E. Heigls. 2,114,265; Apr. 12.
- Valve for bathtubs, Electrically operated. J. Minich. 2,133,174; Oct. 11.
- Valve for bladders and the like, Resilient. I. D. Perry. 2,136,520; Nov. 15.
- Valve for brakes. H. W. Price. 2,106,017; Jan. 18.
- Valve for burners, Gas-air mixing. E. Kagi. 2,120,864; June 14.
- Valve for can filling machines. E. Roge. 2,141,618; Dec. 27.
- Valve for carburetors. G. Hammond. 2,122,773; July 5.
- Valve for carburetors. E. A. Rullison. 2,107,998; Feb. 8.
- Valve for compressors. E. T. Neubauer. 2,139,313; Dec. 6.
- Valve for concrete pumps. W. Siebert. 2,123,591; July 12.
- Valve for controlling fluids. R. W. Leach. 2,126,020; Aug. 9.
- Valve for controlling high pressures. C. N. Webby. 2,123,324; July 12.
- Valve for controlling pressure and rate of supply of fluids. M. T. Phillips. 2,132,215; Oct. 4.
- Valve for core drills. J. H. Howard. 2,109,903; Mar. 1.
- Valve for dentures, Suction. A. H. Brown. 2,115,939; May 3.
- Valve for filling machines. C. W. Burton. 2,116,505; May 10.
- Valve for floor drains, Primer. F. Ross. 2,126,140; Aug. 9.
- Valve for fluid-operated motors. C. J. Coberly. 2,134,174; Oct. 25.
- Valve for fuel burner systems. C. Beckman. 2,133,527; Oct. 18.
- Valve for gas burners. J. V. Kindl and J. J. Slavin. 2,113,027; Apr. 5.
- Valve for gear shifts, Air control. P. MacKenzie. 2,109,070; Feb. 22.
- Valve for heating apparatus. L. W. Eggleston. 2,105,453; Jan. 11.
- Valve for heating systems. C. B. Simoneau. 2,133,928; Oct. 18.
- Valve for hydraulic presses, Prefill. E. Cannon. 2,127,324; Aug. 16.
- Valve for ice cream freezers, Measuring. W. F. Mathewson. 2,127,647; Aug. 23.
- Valve for internal combustion engines. J. Blanchet. 2,111,549; Mar. 22.
- Valve for internal combustion engines, Automatic heat control. G. M. Bicknell. 2,108,639; Feb. 15.
- Valve for internal combustion engines, Oil pressure relief. L. S. Hobbs. 2,138,969; Dec. 6.
- Valve for internal combustion engines, Oscillatory. C. Bretschneider. 2,121,768; June 21.
- Valve for internal combustion engines, Rotary. J. and E. Brown. 2,137,129; Nov. 15.
- Valve for internal combustion engines, Rotary sleeve. J. D. Cameron. 2,117,650; May 17.
- Valve for internal combustion engines, Rotating. C. Gross. 2,116,022; May 3.
- Valve for internal combustion engines, Sliding gate. C. B. Sleat. 2,113,519; Apr. 5.
- Valve for lamp making machines, Exhaust. D. Mullan. 2,113,798; Apr. 12.
- Valve for locomotives, Drifting. C. Stern. 2,120,770; June 14.
- Valve for locomotives, Throttle. P. Pascale. 2,112,505; Mar. 29.
- Valve for milking apparatus, Automatic volume control. O. A. Simon. 2,109,511; Mar. 1.
- Valve, Forming a. G. F. Phillips. 2,138,528; Nov. 29.
- Valve for oil burners. D. H. Hill. 2,120,669; June 14.
- Valve for oil burners, Fuel regulator. H. E. Fellows and E. T. Wiechers. 2,119,740; June 7.
- Valve for oil wells, Flow controlling. E. A. Rodgers. 2,128,175; Aug. 30.
- Valve for pilot light devices. E. H. Mueller. 2,133,395; Oct. 18.
- Valve for pneumatic hammers, Operating. E. E. Nagel. 2,121,364; June 21.
- Valve for pneumatic tools. F. M. Slater. 2,141,727; Dec. 27.
- Valve for power transmissions, Relief. E. L. Rose. 2,134,803; Nov. 1.
- Valve for preventing the bursting of liquid containers, Relief. V. Merritt. 2,107,870; Feb. 8.
- Valve for pumps. D. J. Deschamps and C. J. Lane. 2,126,874; Aug. 16.
- Valve for refrigerating systems, Regulating. R. N. Bicknell. 2,121,312; June 21.
- Valve for sterilization apparatus, Transfer. A. Horner. 2,111,892; Mar. 22.
- Valve for stoker air control. J. E. Trowbridge. 2,134,012; Oct. 25.
- Valve for use with collapsible tubes, Measuring. A. Blanchard. 2,110,103; Mar. 1.
- Valve for well drilling strings, Drill collar float. R. C. Baker. 2,117,533; May 17.
- Valve for well testing tools. D. U. Shaffer. 2,121,268; June 21.
- Valve for well testing tools, Main. M. O. Johnston. 2,126,641; Aug. 9.
- Valve gear. C. E. Hathaway. 2,125,160; July 26.
- Valve gear. R. M. Heintz. 2,126,885; Aug. 16.
- Valve gear. A. A. G. Magis. 2,119,109; May 31.
- Valve gear. H. Wiegand. 2,113,149; Apr. 5.
- Valve gear for distribution valves of steam locomotives. R. W. Clifford. 2,135,032; Nov. 1.
- Valve grinding apparatus. H. G. Miller. 2,127,748; Aug. 23.
- Valve grinding machine. H. A. Silven. 2,113,387; Apr. 5.
- Valve guide. P. J. Marten. 2,121,362; June 21.
- Valve handle. H. E. Dick. 2,134,812; Nov. 1.
- Valve having conducting gaseous paths, Ionic. U. Lamm. 2,130,688; Sept. 20.
- Valve head, structure for core barrels. L. L. Snyder. 2,108,949; Feb. 22.
- Valve indicator. C. A. Dopp. 2,140,934; Dec. 20.
- Valve insides construction, Pneumatic. L. C. Broecker. 2,142,044; Dec. 27.
- Valve lift for oscillating valve gears, Variable. A. Caprotti. 2,119,904; June 7.
- Valve lifter or valve puller. B. Hansen. 2,133,697; Oct. 18.
- Valve lock. J. F. Martin. 2,136,216; Nov. 8.
- Valve means, Exhaust. E. S. Dennison. 2,130,075; Sept. 13.
- Valve mechanism. J. F. Boyle. 2,110,195; Mar. 8.
- Valve mechanism. J. and H. Forkois. 2,117,551; May 17.
- Valve mechanism. E. Gray. 2,124,334; July 19.
- Valve mechanism. A. L. Parker. 2,109,801; Mar. 1.
- Valve mechanism. G. A. Petroe. 2,138,937; Dec. 6.
- Valve mechanism. C. W. Sproull and L. J. Vetrano. 2,134,277; Oct. 25.
- Valve mechanism. C. E. Summers. 2,108,514; Feb. 15.
- Valve mechanism, Fluid actuated. N. C. Price. 2,133,569; Oct. 18.
- Valve mechanism for compound meters. L. Trager. 2,125,596; Aug. 2.
- Valve mechanism for internal combustion engines. R. S. Reynolds. 2,129,024; Sept. 6.
- Valve mechanism for internal combustion engines, compressors, and the like. C. D. Howard and F. R. Maxwell. 2,117,325; May 17.
- Valve mechanism, Gas. J. Dlesk. 2,120,695; June 14.
- Valve motion mechanism. W. E. Woodard. 2,136,405; Nov. 15.
- Valve motion mechanism for locomotive engines. W. E. Woodard. 2,138,053; Nov. 29.
- Valve of internal combustion engines and the lubrication thereof, Rotary. A. H. Cuddon-Fletcher. 2,120,886; June 14.
- Valve operating device, Compensating. R. H. Dalsley. 2,116,749; May 10.
- Valve operating means, Electric. J. F. Frese. 2,119,481; May 31.
- Valve operating mechanism. F. C. Best. 2,109,815; Mar. 1.
- Valve operating mechanism. W. M. Goodwin. 2,131,507-8; Sept. 27.
- Valve-operating mechanism for internal combustion engines. P. Riley. 2,111,735; Mar. 22.
- Valve operating mechanism for tank vehicles. J. A. Jensen. 2,127,225; Aug. 16.
- Valve operating mechanism, Rotary. V. E. Flodin. 2,139,632; Dec. 6.
- Valve plumbing fixtures, Plural. J. R. O'Brien. 2,138,503; Nov. 29.
- Valve, Primer. P. S. Goss. Re. 20,642; Feb. 1.
- Valve protective system, Electric. F. Mertens. 2,109,865; Mar. 1.
- Valve protective system, Electric. S. Widmer and M. Hürlimann. 2,132,839; Oct. 11.
- Valve refacing device. G. R. Gagné and L. Spraker. 2,136,188; Nov. 8.
- Valve refacing tool. W. Aab. 2,106,201; Jan. 25.
- Valve regrounding device. F. P. Healy. 2,125,442; Aug. 2.
- Valve regulator, Automatic airship. R. E. Quinn. 2,128,266; Aug. 30.



- Valve resetting device. C. H. Morrow. 2,132,749; Oct. 11.
- Valve seat. A. Stoll. 2,112,232; Mar. 29.
- Valve seat and guide. R. M. Heintz. 2,134,250; Oct. 25.
- Valve seat, Annular. J. Zagorski. 2,121,464; June 21.
- Valve seat device. P. Spence. 2,117,044; May 10.
- Valve seat for slush pumps, Insert. C. White. 2,130,053; Sept. 13.
- Valve seat structure. C. F. Frye. 2,104,419; Jan. 4.
- Valve seats, Making hot-blast. R. H. Currie. 2,121,686; June 21.
- Valve seats, Resurfacing. E. O'Malley. 2,130,506; Sept. 20.
- Valve silencer, Float. J. Podolsky. 2,129,958; Sept. 13.
- Valve spring compressor. I. J. Clark. 2,119,128; May 31.
- Valve stem. J. C. Crowley. 2,124,909; July 26.
- Valve stem. A. E. Eckenroth. 2,122,740; July 5.
- Valve stem. R. E. Hillier. 2,106,638; Jan. 25.
- Valve stem and check valve therefor. F. H. Watson. 2,106,671; Jan. 25.
- Valve stem and valve. S. O. Rexroad. 2,119,687; June 7.
- Valve stem clearance check. A. C. Linne. 2,104,234; Jan. 4.
- Valve stem for inflatable articles, Rubber. T. J. Ellis. 2,135,569; Nov. 8.
- Valve stem grinding and fitting device. M. Holhut and W. G. Vollmer. 2,104,345; Jan. 4.
- Valve stems, Manufacturing rubber. T. J. Ellis. 2,135,111; Nov. 1.
- Valve stems to rubber tubes, Apparatus for securing. J. A. Fleischli and J. M. Kountzman. 2,121,957; June 28.
- Valve structure. H. E. Heigis. 2,114,264; Apr. 12.
- Valve structure. A. Pfau. 2,123,835; July 12.
- Valve structure. W. K. Queen. 2,117,853; May 17.
- Valve structure for concrete pumps, Auxiliary. C. F. Ball. 2,123,583; July 12.
- Valve structure for regenerative furnace system. L. R. McAfoos. 2,110,467; Mar. 8.
- Valve structure for well casings and tubing. R. C. Baker and O. A. Mellin. 2,117,536; May 17.
- Valve structure, Hydraulic shock absorber. R. F. Peo, C. F. Lautz, and G. M. Magrum. 2,139,912; Dec. 13.
- Valve tappet. C. W. Van Ranst. 2,118,579; May 24.
- Valve tappet, Hydraulic. F. C. Best. 2,109,816; Mar. 1.
- Valve translating circuit, Electric. H. W. Lord. 2,141,922; Dec. 27.
- Valve translating system, Electric. J. H. Foley. 2,122,282; June 28.
- Valve unit, Group. M. F. Richardson. 2,117,504; May 17.
- Valve washer. W. C. Black. 2,121,315; June 21.
- Valve with automatic temperature compensation, Expansion. J. E. Dube. 2,122,931; July 5.
- Valve with mid-position bypass, Piston. F. Boehle. 2,109,162; Feb. 22.
- Valve with resilient cover, Quick coupling. W. A. Buckner. 2,121,244; June 21.
- Valve with well testing and well flowing apparatus, Hydraulic lock dry pipe. A. E. Johnson. 2,128,253; Aug. 30.
- Valved coupling. O. C. Straubel. 2,113,203; Apr. 5.
- Valved device. C. G. Kronmiller. 2,123,283; July 12.
- Valves and valve seats, Apparatus for conditioning. R. Lindsey. 2,126,789; Aug. 16.
- Valves, Apparatus for controlling power operated. R. Corsepius and H. Protzen. 2,140,667; Dec. 20.
- Valves, Attachment for flush-tank. E. S. David. 2,135,231; Nov. 1.
- Valves, Making. J. Bugatti. 2,113,316; Apr. 5.
- Valves, Making. R. Jardine. 2,131,953; Oct. 4.
- Valves, Making. C. W. Miller. 2,127,929; Aug. 23.
- Valves, Making refrigerator. A. J. Weatherhead, Jr. 2,126,594; Aug. 9.
- Valves, Manufacturing. S. J. Nordstrom. 2,117,351; May 17.
- Valves, Protecting means for ionic. U. Lamm. 2,119,865; June 7.
- Vanadium oxides from oil, Recovering. H. J. J. Janssen. 2,118,351; May 24.
- Vanadyl lactate and making it. H. J. Prebluda. 2,135,570; Nov. 8.
- Vane, Directing. K. D. McMahan. 2,125,120; July 26.
- Vanillin, Making. L. T. Sandborn. 2,104,701; Jan. 4.
- Vanity. R. W. Wilson. 2,121,111; June 21.
- Vanity box. R. N. Houlihan. 2,124,300; July 19.
- Vanity box. G. S. McDonald. 2,132,989; Oct. 11.
- Vanity case. O. C. Almonte. 2,120,849; June 14.
- Vanity case. J. Aronstein. 2,128,737; Aug. 30.
- Vanity case. W. Lampl. 2,117,671; May 17.
- Vanity case. F. N. Lewis. 2,122,983; July 5.
- Vanity case. S. Morrison. 2,140,036; Dec. 13.
- Vanity case. T. Sundin and S. Morrison. 2,140,035; Dec. 13.
- Vanity case. J. L. Younghusband. 2,125,040; July 26.
- Vanity case. J. L. Younghusband. 2,141,327-8; Dec. 27.
- Vanity case combined with handbag, Portable. M. P. J. Lambooy. 2,124,920; July 26.
- Vanity case construction. T. M. Gibson. 2,108,605; Feb. 15.
- Vanity, Envelope. B. G. Bryant. 2,104,361; Jan. 4.
- Vapor condenser. E. R. Brodton. 2,135,432; Nov. 1.
- Vapor discharge apparatus for high voltages, Metallic. A. Siemens. 2,125,131; July 26.
- Vapor electric device. J. Slepian and L. R. Ludwig. 2,106,857; Feb. 1.
- Vapor generator. W. M. Firshing. 2,133,979; Oct. 25.
- Vapor generator. J. Kölling. 2,114,252; Apr. 12.
- Vapor heating system. J. Van Vulpen. 2,113,775; Apr. 12.
- Vapor motor, Quick starting. J. S. Baker. 2,129,638; Sept. 13.
- Vapor phase hydrolysis of halogenated hydrocarbons. R. P. Perkins and A. J. Dietzler. 2,107,710; Feb. 8.
- Vapor phase treatment of petroleum distillates. H. S. Montgomery. 2,108,690; Feb. 15.
- Vapor pressure, Device for recording. S. S. Smith. 2,126,052; Aug. 9.
- Vapor treatment of yarn in a straight knitting machine, Effecting. H. Janssen. 2,108,404; Feb. 15.
- Vaporization, Method of and apparatus for. F. R. Kemmer. 2,130,886; Sept. 20.
- Vaporizer. J. B. Clyne. 2,124,543; July 26.
- Vaporizer. F. J. Hamrock, E. L. Simonson, and A. P. Meng. 2,140,425; Dec. 13.
- Vaporizer. P. O. Ritcher and R. K. Calfee. 2,139,463; Dec. 6.
- Vaporizer control, Oil. C. B. Faverty. 2,122,683; July 5.
- Vaporizer, Electric. L. Jaroll. 2,131,560; Sept. 27.
- Vaporizer, Electric. N. Lawner and S. Duberstein. 2,123,509; July 12.
- Vaporizer, Electric. J. Robinson. 2,135,535; Nov. 8.
- Vaporizer, Electric and automatic fuel. A. Skok and N. O. Binley. 2,139,777; Dec. 13.
- Vaporizer, Ether. J. A. Heidbrink. 2,136,245; Nov. 8.
- Vaporizer, Fuel. C. A. French. 2,123,887; July 19.
- Vaporizer starting system. C. B. Faverty. 2,123,884; July 19.
- Vaporizer, Suction. E. C. Welborn and P. C. L. van Bueren. 2,122,704; July 5.
- Vaporizing apparatus for internal combustion engines. R. J. Stumbo. 2,105,677; Jan. 18.
- Vaporizing generator. B. W. Tullis. 2,108,908; Feb. 22.
- Vapors containing phthalic anhydride, Scrubbing. H. Reichhold and C. H. B. Jarl. 2,133,904; Oct. 18.
- Vapors or gases, Method and apparatus for treating. J. Hyman. 2,138,861; Dec. 6.
- Vapors, System for removing crank case. J. S. Fluor, Jr. 2,114,375; Apr. 19.
- Variable condenser. S. Cohen. 2,105,878; Jan. 18.
- Variable condenser. F. W. Godsey, Jr., and R. C. Sprague. 2,118,190; May 24.
- Variable condenser. A. Schmidt. 2,110,179; Mar. 8.
- Variable delivery pump. E. K. Benedek. 2,129,643; Sept. 13.
- Variable inductance. H. J. Craymer. 2,139,443; Dec. 6.
- Variable load brake. J. Canetta. 2,128,038; Aug. 23.
- Variable load brake. C. C. Farmer. 2,110,704; Mar. 8.
- Variable load brake. J. W. Rush. 2,130,633; Sept. 20.
- Variable pitch and reversing propeller mechanism. S. A. Farrell. 2,108,660; Feb. 15.
- Variable reactance modulator circuit. C. W. Hansell. 2,121,737; June 21.
- Variable resistance device. M. J. Arvin. 2,132,594; Oct. 11.
- Variable resistance device. N. C. Schellenger. 2,118,112; May 24.
- Variable speed friction gear. E. Christiansen. 2,134,225; Oct. 25.
- Variable speed gear. A. Timmermann. 2,126,294; Aug. 9.
- Variable speed gear, Automatic. E. Jacques. 2,106,603; Jan. 25.
- Variable stroke mechanism. A. J. Harris. 2,108,311; Feb. 15.
- Variator for weight integrating devices. S. C. Brown. 2,134,298; Oct. 25.
- Varnish. F. H. Lane. 2,114,391; Apr. 19.
- Varnish and paper drying machine. M. J. Brizard. 2,106,339; Jan. 25.
- Varnish base, Making a. G. Barsky and S. S. Gutkin. 2,121,335; June 21.
- Varnish, Mixed synthetic glyceride. A. M. Alvarado. 2,110,072; Mar. 1.
- Varnish, Preparing an oil. G. Barsky. 2,121,334; June 21.
- Varnish skinning, Inhibition of. J. Rivkin. 2,110,775; Mar. 8.
- Varnishes and product obtained, Manufacture of urea and formaldehyde. P. Michaut. 2,119,466; May 31.
- Vat, Cleaning. H. E. Hubbard. 2,113,806; Apr. 12.
- Vat-dyestuff preparations for printing textiles. M. Paquin and O. Braun. 2,117,623; May 17.
- Vat, Sizing. N. A. Batchelder. 2,108,180; Feb. 15.
- Vault, Burlal. J. E. Ackerman. 2,114,202; Apr. 12.
- Vault, Burlal. J. G. Blower. 2,111,275; Mar. 15.
- Vault, Burlal. H. G. Brauer. 2,110,788; Mar. 8.
- Vault, Burlal. W. C. Broughton. 2,135,559; Nov. 8.
- Vault, Burlal. B. F. Hays. 2,125,563; Aug. 2.
- Vault, Burlal. D. A. Larkin. 2,116,703; May 10.
- Vault, Burlal. J. E. Myers. 2,121,363; June 21.
- Vault, Burlal. R. Simpson. 2,111,162; Mar. 15.
- Vault, Burlal. R. W. Wise. 2,115,292; Apr. 26.
- Vault cover, Burlal. J. Schultz. 2,126,219; Aug. 9.
- Vault, Insulated Burlal. M. A. Wagner. 2,122,702; July 5.
- Vault lowering device. J. Smola. 2,117,518; May 17.



- Vault or receptacle, Self-sealing. W. W. Haase. Re. 20,816; Aug. 2.
- Vegetable concentrates, Production of. W. H. Test. 2,131,394; Sept. 27.
- Vegetable crisping cabinet. H. C. Grubb. 2,113,344; Apr. 5.
- Vegetable cutter. F. W. Nankivell. 2,107,208; Feb. 1.
- Vegetable cutter, Rotary. J. J. Lee. 2,121,089; June 21.
- Vegetable fiber such as bagasse and the like, Apparatus for drying. G. J. Lipscomb. 2,134,229; Oct. 25.
- Vegetable peeling machine. H. A. Johnston. 2,117,765; May 17.
- Vegetable slicing machine. M. R. Anstice. 2,131,851; Oct. 4.
- Vegetable washer. F. Travaglini. 2,121,719; June 21.
- Vegetable washing apparatus. A. Lott. 2,119,170; May 31.
- Vegetables and fruits, Method and apparatus for freezing. W. M. Zarotschenzeff. 2,116,738; May 10.
- Vegetables, Apparatus for separation of. J. G. Heaslet. 2,114,263; Apr. 12.
- Vegetables, Method and apparatus for preserving. M. D. Coulter. 2,113,782; Apr. 12.
- Vegetation-bearing architectonic structure and system. S. H. White. 2,113,523; Apr. 5.
- Vegetation bearing cellular structure and system. W. M. Macpherson. 2,121,173; June 21.
- Vehicle: See—
- |                                     |                                    |
|-------------------------------------|------------------------------------|
| Automotive trucking vehicle.        | Multi-axle drive vehicle.          |
| Automotive vehicle.                 | Propeller driven vehicle.          |
| Boat or other vehicle.              | Rail and highway vehicle.          |
| Chariot vehicle.                    | Railway vehicle.                   |
| Child's vehicle.                    | Refrigerator vehicle.              |
| Combat vehicle.                     | Reverted drive automotive vehicle. |
| Cross country vehicle.              | Road and rail vehicle.             |
| Dump vehicle.                       | Self-loading vehicle.              |
| 4-wheel drive vehicle.              | Self-locking vehicle.              |
| Freight handling vehicle.           | Self-propelling vehicle.           |
| High speed vehicle.                 | Slide vehicle.                     |
| Highway and rail vehicle.           | Streamlined vehicle.               |
| Juvenile vehicle.                   | Tandem truck vehicle.              |
| Land vehicle.                       | Tank vehicle.                      |
| Manually actuated vehicle.          | Tow vehicle.                       |
| Manually propelled inertia vehicle. | Toy wheeled vehicle.               |
| Motor-drive vehicle.                | Trailer vehicle.                   |
| Motor-driven vehicle.               | Transporting and dumping vehicle.  |
| Motor propelled vehicle.            | Walking vehicle.                   |
| Motor-rail vehicle.                 | Wheeled vehicle.                   |
| Motor vehicle.                      |                                    |
- Vehicle. H. Bregman. 2,115,609; Apr. 26.
- Vehicle. H. Bucklin. 2,127,104; Aug. 16.
- Vehicle. R. L. Carr. 2,114,830; Apr. 19.
- Vehicle. H. J. Dillon. 2,141,267; Dec. 27.
- Vehicle. W. F. Gerhardt and W. H. Horn. 2,135,073; Nov. 1.
- Vehicle. L. S. Joslin. 2,140,053; Dec. 13.
- Vehicle. V. W. Kliesrath. 2,112,101; Mar. 22.
- Vehicle. V. W. Kliesrath. 2,113,656; Apr. 12.
- Vehicle. V. W. Kliesrath. 2,131,184; Sept. 27.
- Vehicle. J. Kuchar. 2,135,820; Nov. 8.
- Vehicle. R. Laborda. 2,105,083; Jan. 11.
- Vehicle. J. L. Lorbeski. 2,135,347; Nov. 1.
- Vehicle. R. S. Sanford and M. W. McConkey. 2,131,015; Sept. 20.
- Vehicle. H. G. Schaefer. 2,131,760; Oct. 4.
- Vehicle. E. J. Stahl. 2,104,335; Jan. 4.
- Vehicle acceleration control apparatus, Railway. C. C. Farmer. 2,140,642; Dec. 20.
- Vehicle accessory system, Motor. E. C. Horton, H. Huebner, and R. E. Rousseau. 2,119,510; June 7.
- Vehicle and mounting mechanism therefor. R. B. Simming. 2,117,577; May 17.
- Vehicle and vehicle driving mechanism, Motor. W. B. Fageol. 2,118,810; May 31.
- Vehicle bodies, Supporting removable. A. R. and L. J. Hutchinson. 2,127,972; Aug. 23.
- Vehicle body. R. L. Carr. 2,106,403; Jan. 25.
- Vehicle body. R. L. Carr. 2,112,330; Mar. 29.
- Vehicle body. R. L. Carr. 2,139,258; Dec. 6.
- Vehicle body. A. Davis, Jr. 2,138,399; Nov. 29.
- Vehicle body. L. M. Francis. 2,119,671; June 7.
- Vehicle body. L. Gorlenko. 2,136,130; Nov. 8.
- Vehicle body. E. E. Hawkins. 2,124,776; July 26.
- Vehicle body. E. E. Lundberg. 2,116,313; May 3.
- Vehicle body and chassis construction. C. W. Avery. 2,119,193; May 31.
- Vehicle body appurtenance. F. A. Seljé. 2,114,359; Apr. 19.
- Vehicle body construction. I. B. Cooper. 2,107,854; Feb. 8.
- Vehicle body construction. N. P. Larsen. 2,120,918; June 11.
- Vehicle body construction. J. Ledwinka. 2,106,677; Jan. 25.
- Vehicle body construction having concealed door hinges. A. H. Habermast. 2,138,523; Nov. 29.
- Vehicle body, Convertible. W. A. Nitsche. 2,129,438; Sept. 6.
- Vehicle body element. C. Breer. 2,127,323; Aug. 16.
- Vehicle body, Motor. C. Breer, A. G. Herreshoff, O. H. Clark, and R. Cadwallader. 2,113,075; Apr. 5.
- Vehicle body, Motor. C. Breer, A. G. Herreshoff, O. H. Clark, and R. Cadwallader. 2,115,903; May 3.
- Vehicle body, Motor. H. A. Hicks. 2,115,913; May 3.
- Vehicle body mounting. R. K. Lee. 2,121,876; June 28.
- Vehicle body stabilizer. J. J. Eckles. 2,130,792; Sept. 20.
- Vehicle body suspension. A. A. Hoskyns. 2,134,515; Oct. 25.
- Vehicle body ventilation. O. F. Graebner. 2,127,971; Aug. 23.
- Vehicle brake. R. A. Avery. 2,139,646; Dec. 6.
- Vehicle brake. G. W. Carlson and R. C. Russell. 2,140,379; Dec. 13.
- Vehicle brake. F. T. Christian. 2,131,532; Sept. 27.
- Vehicle brake. G. C. R. Kuiper. 2,139,083; Dec. 6.
- Vehicle brake. W. K. Line. 2,118,733; May 24.
- Vehicle chassis washer, Motor. P. C. Butler. 2,134,657; Oct. 25.
- Vehicle construction. J. Burgh. 2,130,066; Sept. 13.
- Vehicle construction. A. E. Northrup. 2,131,116; Sept. 27.
- Vehicle construction. S. O. Stageberg. 2,137,186; Nov. 15.
- Vehicle construction, Heavy duty. H. B. Dodge. 2,121,862; June 28.
- Vehicle construction, Motor. G. A. Gemmer. 2,107,606; Feb. 8.
- Vehicle construction, Motor. E. C. Horton. 2,112,198; Mar. 22.
- Vehicle construction, Motor. C. D. Smith. 2,132,545; Oct. 11.
- Vehicle construction, Rear end. C. H. Widman and F. J. Westrope. 2,117,049; May 10.
- Vehicle construction, Road. E. J. Dondlinger. 2,135,301; Nov. 1.
- Vehicle control. R. S. Sanford and M. W. McConkey. 2,113,860; Apr. 12.
- Vehicle control apparatus. F. G. and W. M. Folberth. 2,135,071; Nov. 1.
- Vehicle control apparatus. B. F. Wright. 2,123,349; July 12.
- Vehicle control mechanism. W. A. Eaton. 2,112,484; Mar. 29.
- Vehicle control mechanism. W. A. Eaton. 2,141,689; Dec. 27.
- Vehicle control mechanism. R. S. Sanford and W. J. Andres. 2,128,165; Aug. 23.
- Vehicle control mechanism. R. S. Sanford and W. J. Andrews. 2,137,954; Nov. 22.
- Vehicle control mechanism, Automotive. P. M. Carter. 2,139,723; Dec. 13.
- Vehicle control mechanism, Motor. C. A. Brewer. 2,104,580; Jan. 4.
- Vehicle control, Motor. M. B. Jackson. 2,115,776; May 3.
- Vehicle coupling device. L. A. Verney. 2,134,628; Oct. 25.
- Vehicle direction indicator. C. B. Howard. 2,111,931; Mar. 22.
- Vehicle direction indicator. C. B. Howard. 2,114,731; Apr. 19.
- Vehicle direction indicator. A. D. Riggs. Re. 20,659; Feb. 22.
- Vehicle direction signal. S. F. Adam. 2,109,408; Feb. 22.
- Vehicle direction signal. C. O. Hill. 2,110,420; Mar. 8.
- Vehicle direction signal. C. O. Hill. 2,141,437; Dec. 27.
- Vehicle door latch. H. W. Rightmyer. 2,134,317; Oct. 25.
- Vehicle drive. O. H. Hacker. 2,126,255; Aug. 9.
- Vehicle electric power supply system. C. Breer, G. C. Goode, and V. W. Sherman. 2,117,141; May 10.
- Vehicle equipped with load-shifting devices, Land. J. Heller. 2,109,388; Feb. 22.
- Vehicle frame. R. H. Maddock. 2,107,382; Feb. 8.
- Vehicle frame. R. H. Maddock. 2,113,540; Apr. 5.
- Vehicle frame and body mounting chassis. B. C. Seaton. 2,115,045; Apr. 26.
- Vehicle head lamp. C. F. Despatures. 2,137,446; Nov. 22.
- Vehicle head lamp. W. Honing. 2,105,419; Jan. 11.
- Vehicle head lamp. E. A. Howard and K. D. Scott. 2,134,558; Oct. 25.
- Vehicle heating. R. J. Parsons. 2,126,497; Aug. 9.
- Vehicle hub cap. N. J. and S. Kroll. 2,125,506; Aug. 2.
- Vehicle jacking structure. F. W. Schmidt and C. W. Ryerson. 2,119,028; May 31.
- Vehicle lamp. C. W. Anklam. 2,115,695; May 3.
- Vehicle lamp. B. S. Floraday. 2,106,145; Jan. 18.
- Vehicle lamp. C. F. Foley and C. W. Anklam. 2,122,342; June 28.
- Vehicle lifting and traversing device. B. Walker. Re. 20,707; Apr. 26.
- Vehicle, Occupant propelled. W. Utz. Re. 20,682; Mar. 29.
- Vehicle of the tricycle or velocipede type. M. E. Roe. 2,107,606; Feb. 8.
- Vehicle provided with endless or self-laying tracks. D. R. and E. R. Bomford. 2,133,653; Oct. 18.
- Vehicle pulsator. N. Nielsen. 2,141,660; Dec. 27.
- Vehicle record and article holder. H. L. Moore. 2,138,743; Nov. 29.
- Vehicle roof. O. L. Herron and W. J. Hall. 2,115,224; Apr. 26.
- Vehicle safety brake. M. S. Graves. 2,115,364; Apr. 26.
- Vehicle safety means, Motor. R. F. Tellkamp. 2,116,915; May 10.
- Vehicle screen. I. H. Hedlund. 2,123,172; July 12.



- Vehicle seat. L. S. Anker. 2,117,932; May 17.  
 Vehicle seat. E. O. Schjolin. 2,104,818; Jan. 11.  
 Vehicle seat. E. G. Simpson. 2,120,156; June 7.  
 Vehicle seat, Adjustable. R. C. Jacobs. 2,133,325; Oct. 18.  
 Vehicle seat, Convertible. I. B. Denton. 2,133,539; Oct. 18.  
 Vehicle seat table. W. Wicknick and H. R. Fry. 2,132,279; Oct. 4.  
 Vehicle signal. J. R. Oishei. 2,122,891; July 5.  
 Vehicle signal. A. T. Sereda. 2,109,184; Feb. 22.  
 Vehicle signal light. W. H. Hill. 2,108,123; Feb. 15.  
 Vehicle signaling switch. C. B. Howard. 2,134,272; Oct. 25.  
 Vehicle spring. A. Drolet. 2,112,148; Mar. 22.  
 Vehicle spring. C. J. Holland. 2,105,651; Jan. 18.  
 Vehicle spring. F. Povandra. 2,112,786; Mar. 29.  
 Vehicle spring. T. H. Thompson. 2,105,869; Jan. 18.  
 Vehicle spring, Railway. D. S. Barrows. 2,137,151; Nov. 15.  
 Vehicle spring suspension. A. F. Hickman. 2,116,516; May 10.  
 Vehicle spring suspension. R. W. Nilsson. 2,109,074; Feb. 22.  
 Vehicle-storage automatic system, Positive. R. T. Jenney. 2,120,751; Jan. 14.  
 Vehicle storage system. S. E. Buettell. 2,117,274; May 17.  
 Vehicle structure, Convertible. L. S. Whedon. 2,127,795; Aug. 23.  
 Vehicle structure, Railroad-highway. W. M. Sheehan. 2,118,364; May 24.  
 Vehicle structure, Railway. H. Hoblitzelle. 2,110,019; Mar. 1.  
 Vehicle structure, Railway. H. M. Pflager. 2,109,276; Feb. 22.  
 Vehicle suspension. J. V. Martin. 2,121,504; June 21.  
 Vehicle suspension. L. E. W. Montrose-Oster. 2,128,756; Aug. 30.  
 Vehicle suspension device. C. Heyermans and G. U. L. Sartoris. 2,131,661; Sept. 27.  
 Vehicle system with power steering mechanism, Road. H. F. Flowers. 2,110,213; Mar. 8.  
 Vehicle tilting machine. E. C. Claus. 2,113,042; Apr. 5.  
 Vehicle top. T. P. Lohrman. 2,141,842; Dec. 27.  
 Vehicle top fabric. E. C. Clayton. 2,120,434; June 14.  
 Vehicle traction wheel. I. Moen. 2,140,845; Dec. 20.  
 Vehicle transmission. R. S. Sanford and M. W. McConkey. 2,137,249; Nov. 22.  
 Vehicle transmission and control system, Motor. E. H. J. C. Gillett. 2,113,884; Apr. 12.  
 Vehicle transmission control. J. Sousedik. 2,131,527; Sept. 27.  
 Vehicle transmission control, Motor. G. T. Randol. 2,126,032; Aug. 9.  
 Vehicle walkway structure. A. G. Dean. 2,128,221; Aug. 30.  
 Vehicle wheel. C. S. Ash. 2,141,457; Dec. 27.  
 Vehicle wheel. A. C. Barratt. 2,104,112; Jan. 4.  
 Vehicle wheel. F. C. Best. 2,129,115; Sept. 6.  
 Vehicle wheel. W. S. Brink. 2,135,481; Nov. 8.  
 Vehicle wheel. C. L. Eksergian. 2,116,598; May 10.  
 Vehicle wheel. C. L. Eksergian. 2,119,669; June 7.  
 Vehicle wheel. C. L. Eksergian. 2,126,372; Aug. 9.  
 Vehicle wheel. W. H. Farr. 2,123,101; July 5.  
 Vehicle wheel. E. W. French. 2,118,702; May 24.  
 Vehicle wheel. H. J. Horn. 2,115,420; Apr. 20.  
 Vehicle wheel. H. J. Horn. 2,127,220; Aug. 16.  
 Vehicle wheel. H. J. Horn. 2,127,599; Aug. 23.  
 Vehicle wheel. H. J. Horn. 2,130,392; Sept. 20.  
 Vehicle wheel. H. J. Horn. 2,133,142; Oct. 11.  
 Vehicle wheel. H. J. Horn. 2,137,288; Nov. 22.  
 Vehicle wheel. H. J. Horn and H. G. Axtmann. 2,127,598; Aug. 23.  
 Vehicle wheel. H. R. Howland. 2,137,088; Nov. 15.  
 Vehicle wheel. J. H. Hunt. 2,119,991; June 7.  
 Vehicle wheel. J. H. Hunt. 2,127,600; Aug. 23.  
 Vehicle wheel. J. H. Hunt. 2,133,454; Oct. 18.  
 Vehicle wheel. J. H. Hunt and H. J. Horn. 2,132,298; Oct. 4.  
 Vehicle wheel. E. O. Keator. 2,135,307; Nov. 1.  
 Vehicle wheel. R. S. Kellogg. 2,136,137; Nov. 8.  
 Vehicle wheel. C. W. Sinclair. 2,134,419; Oct. 25.  
 Vehicle wheel. A. S. Van Halteren. 2,125,756; Aug. 2.  
 Vehicle wheel. O. U. Zerk. 2,112,615; Mar. 29.  
 Vehicle wheel. O. U. Zerk. 2,123,130; July 5.  
 Vehicle wheel, Motor-driven. P. M. and R. B. Miller. 2,111,292; Mar. 15.  
 Vehicle with variable propulsion, Motor. A. Kégresse. 2,105,042; Jan. 11.  
 Vehicles, Body for rear engine motor. M. Klavik. 2,127,409; Aug. 16.  
 Vehicles in traffic, System for policing. D. E. Marshall. 2,140,918; Dec. 20.  
 Vehicles, Installation for the washing of. B. Piquerez. 2,139,096; Dec. 6.  
 Vehicles on land, Device for transporting rail. C. Henneking. 2,109,996; Mar. 1.  
 Vehicles, Preventing an undesired backward movement of motor. G. W. Read and E. J. Elster. 2,122,660; July 5.  
 Vehicles with turbo-transmissions, Operation for motor driven. O. H. Hacker and E. Seibold. 2,125,163; July 26.  
 Vehicular coupling. H. Wohldorf. 2,113,338; Apr. 5.  
 Vehicular mounting. A. F. Meyer. 2,113,796; Apr. 12.  
 Vehicular spring. C. L. Banks. 2,126,086; Aug. 9.  
 Vehicular traffic signal. J. W. Brougher. 2,106,113; Jan. 18.  
 Velocipede frame. B. J. Anderson. 2,112,475; Mar. 29.  
 Vending apparatus for ice cream packages, Coin controlled. W. Hamel. 2,104,034; Jan. 4.  
 Vending device. M. J. Airington. 2,109,377; Feb. 22.  
 Vending device, Coin operated. J. Prendes. 2,122,265; June 28.  
 Vending machine. G. G. Barnard. 2,133,525; Oct. 18.  
 Vending machine. D. B. Benham. 2,141,851; Dec. 27.  
 Vending machine. W. V. Derby. 2,139,578; Dec. 6.  
 Vending machine. A. E. Gebert and F. C. Black. 2,105,644; Jan. 18.  
 Vending machine. B. S. Mahaffey. 2,115,393; Apr. 26.  
 Vending machine. L. H. Morin. 2,106,185; Jan. 25.  
 Vending machine. M. H. Richardson and A. E. Gebert. 2,132,804; Oct. 11.  
 Vending machine. O. W. Stone. 2,136,089; Nov. 8.  
 Vending machine. C. V. Vanbergen. 2,121,457; June 21.  
 Vending machine. R. R. Westral. 2,122,668; July 5.  
 Vending machine. F. J. Willis. 2,117,530; May 17.  
 Vending machine. A. H. Woodward, W. E. Richmond, and E. H. Thompson. 2,113,120; Apr. 5.  
 Vending machine, Automatic. F. Schulte. 2,104,497; Jan. 4.  
 Vending machine, Coin operated. E. A. Laughery. 2,119,548; June 7.  
 Vending machine for cleaning tobacco pipes, Coin operated. L. A. Moll. 2,109,547; Mar. 1.  
 Vending machine for frozen confections. G. W. Kalbitzer, Jr. 2,140,587; Dec. 20.  
 Vending machine, Pretzel stick. R. M. Drachenberg. 2,139,690; Dec. 13.  
 Veneered door. G. L. Gilkey. 2,105,187; Jan. 11.  
 Veneering, Method of. A. Elmendorf. 2,120,642; June 14.  
 Veneers, Method of an apparatus for drying wood. G. R. Meyercord. 2,120,205; June 7.  
 Venetian blind structure. M. L. Duskin and H. L. Magill. 2,110,040; Mar. 1.  
 Venous occlusion, Method of, and apparatus for producing intermittent. W. S. Collens, N. D. Wilensky, and S. A. Kroll. 2,140,898; Dec. 20.  
 Vent, Air. W. J. Woolley. 2,106,512; Jan. 25.  
 Vent for electrolytic condensers. J. B. Brennan. 2,124,648; July 26.  
 Vent for electrolytic devices. G. K. Sziklai. 2,136,568; Nov. 15.  
 Vent, Fusible. R. M. Iversen and N. B. Case. 2,128,091; Aug. 23.  
 Vent opening protector. W. C. Landis. 2,128,050; Aug. 23.  
 Vent plug. A. H. Snyder. 2,132,224; Oct. 4.  
 Vent protector. C. C. Farmer. 2,113,615; Apr. 12.  
 Vent, Self-closing. C. E. Brown. 2,113,872; Apr. 12.  
 Vent valve. C. M. Mitchell. 2,113,454; Apr. 5.  
 Vent valve. C. J. Schroeder. 2,111,813; Mar. 22.  
 Vent valve, Ingress and egress. C. H. Ehlers. 2,138,000; Nov. 29.  
 Vent valve, Radiator. E. E. Decker. 2,128,081; Aug. 23.  
 Vent valve, Safety. A. W. Wheaton. 2,112,641; Mar. 29.  
 Ventilating and air treating unit. A. Sargent and A. C. Armstrong. 2,112,221; Mar. 22.  
 Ventilating and conditioning system. W. H. Carrier and J. H. Holton. 2,119,127; May 31.  
 Ventilating and illuminating device, Combined. F. J. Kurth. 2,131,054; Sept. 27.  
 Ventilating and light-controlling device for vehicles. L. S. Simon. 2,115,432; Apr. 26.  
 Ventilating apparatus. A. G. Orer. 2,134,142; Oct. 25.  
 Ventilating apparatus. K. D. McMahan. 2,141,923; Dec. 27.  
 Ventilating attachment for radiators, Portable. C. M. Woolley. 2,135,461; Nov. 1.  
 Ventilating building block. J. H. Whitmarsh. 2,116,457; May 3.  
 Ventilating confined spaces. R. H. Mautsch. 2,109,071; Feb. 22.  
 Ventilating device. W. L. Flemming and R. C. Reichart. 2,112,524; Mar. 29.  
 Ventilating device for automobiles. W. L. Morrison. 2,115,036; Apr. 26.  
 Ventilating device for automobiles. W. L. Morrison. 2,131,745; Oct. 4.  
 Ventilating mechanism, Window. M. H. Teneray and E. H. Pickett. 2,128,384; Aug. 30.  
 Ventilating means for vehicle bodies. J. W. Greig. 2,139,014; Dec. 6.  
 Ventilating means for vehicles. C. Kannel. 2,132,421; Oct. 11.  
 Ventilating means, Vehicle. C. Kannel. 2,132,422; Oct. 11.  
 Ventilating, Method of and apparatus for. O. W. Armspach. 2,112,685; Mar. 29.  
 Ventilating pipe. A. W. Brenninger. 2,134,698; Nov. 1.  
 Ventilating plant. C. B. H. Colquhoun. 2,109,818; Mar. 1.  
 Ventilating structure, Vehicle. J. N. H. Christman. 2,125,480; Aug. 2.  
 Ventilating system. J. R. Hall. 2,117,477; May 17.



- Ventilating system and method of installing same. M. E. Gordon. 2,126,107; Aug. 9.
- Ventilation apparatus, Vehicle body. W. Lintern. 2,130,306; Sept. 13.
- Ventilation control. W. W. Eager. 2,115,330; Apr. 26.
- Ventilation control means for motor vehicles. W. O. Normandin. 2,135,215; Nov. 1.
- Ventilator: *See*—  
Car ventilator. Toilet ventilator.
- Ventilator. J. Marshall. 2,125,454; Aug. 2.
- Ventilator. A. A. Mead and L. Lynes. 2,141,442; Dec. 27.
- Ventilator. M. Nelson. 2,130,811; Sept. 20.
- Ventilator. B. K. Paget. 2,134,143; Oct. 25.
- Ventilator. L. I. Ravven. 2,141,762; Dec. 27.
- Ventilator. S. Sigal. 2,123,751; July 12.
- Ventilator and air cleaner for automobiles, Draftless. A. L. Thayer. 2,128,335; Aug. 30.
- Ventilator and air cleaner for motor vehicles, Combined. M. Palmer. 2,105,497; Jan. 18.
- Ventilator and awning, Combined. F. Schardt. 2,126,213; Aug. 9.
- Ventilator, Automatic. C. D. Payden. 2,138,427; Nov. 29.
- Ventilator, Combination. E. J. Ney. 2,123,287; July 12.
- Ventilator control system, Unit. W. R. Miller. 2,106,898; Feb. 1.
- Ventilator, Crank case. L. D. Boyce. 2,139,801; Dec. 13.
- Ventilator, Draftless. H. F. Wagner. 2,135,369; Nov. 1.
- Ventilator for motor cars and the like. J. Hedin. 2,125,023; July 26.
- Ventilator for toilet bowls, Forced. S. E. Orebaugh. 2,126,131; Aug. 9.
- Ventilator for truck covers. W. F. Crawford. 2,119,905; June 7.
- Ventilator, Lavatory. R. Walsh and O. R. Sandstrom. 2,134,629; Oct. 25.
- Ventilator, Mattress. E. Cavicchi. 2,139,803; Dec. 13.
- Ventilator, 2,139,886; Dec. 13.
- Ventilator of the louver type. J. Lehmkuhl. 2,138,180; Nov. 29.
- Ventilator operating mechanism. J. H. Tuttle. 2,140,865; Dec. 20.
- Ventilator, Ridge. J. H. McDermont. 2,122,530; July 5.
- Ventilator, Ridge type. A. K. Whitaker. 2,127,099; Aug. 16.
- Ventilator, Ship's. V. J. Spelman. 2,130,603; Sept. 20.
- Ventilator, Sound transmitting. J. M. Goldberg. 2,134,937; Nov. 1.
- Ventilator, Storm sash. F. A. Bailey. 2,129,397; Sept. 6.
- Ventilator (unitary type). A. K. Whitaker. 2,127,100; Aug. 16.
- Ventilator, Window. C. A. Anderson. 2,130,114; Sept. 13.
- Ventilator, Window. W. Schickedanz. 2,137,924; Nov. 22.
- Ventilator, Window. J. A. Webb. 2,121,646; June 21.
- Venting and closure device. C. W. Shaw. 2,117,369; May 17.
- Verifying machine for combinational holes record cards. M. Maul. 2,114,667; Apr. 19.
- Vermiculite and similar minerals, Exfoliating. C. H. Butler. 2,129,523; Sept. 6.
- Vermiculite expansion method. J. B. Myers and G. Succetti. 2,139,378; Dec. 6.
- Vermin eliminating device. A. D. Purifoy. 2,121,406; June 21.
- Vermin exterminating compositions and the resulting compositions. K. Memminger. 2,124,494; July 19.
- Vermin trapping and exterminating device. P. W. Davis. 2,112,229; Mar. 29.
- Vernier tuning control. H. Goudet. 2,116,113; May 3.
- Vertical labyrinth bearing. K. A. Killam. 2,135,308; Nov. 1.
- Vertical mill. H. H. Talbot. 2,124,677; July 26.
- Vessel, Cooking. J. A. Hashek. 2,139,267; Dec. 6.
- Vessel, Culinary. W. H. Said. 2,114,403; Apr. 19.
- Vessel, Electric discharge. H. Vatter. 2,137,069; Nov. 15.
- Vessel for electric apparatus, Vacuum- and gas-tight. W. Espe. 2,121,590; June 21.
- Vessel for high pressures, Hollow. H. Debor. 2,106,494; Jan. 25.
- Vessel, High tension discharge. L. Völkel. 2,125,700; Aug. 2.
- Vessel locating apparatus, Sunken. W. R. McKenney. 2,115,996; May 3.
- Vessel, Making a welded spherical. F. K. Zerbe. 2,118,388; May 24.
- Vessel or box for canning. A. F. Toblasson. 2,105,798; Jan. 18.
- Vessel, Pouring or dropping. S. Scheyer (née von Pezachowicz) and S. Arari. 2,132,120; Oct. 4.
- Vessel, Vacuum discharge. W. Dällenbach. 2,111,757; Mar. 22.
- Vessels, Heat treating pressure. E. V. Bergstrom. 2,137,523; Nov. 22.
- Vessels, Making pressure. H. Debor. 2,106,495; Jan. 25.
- Vessels, Manufacturing vacuum. H. Vatter. 2,133,492; Oct. 18.
- Vessels, particularly steam-jacketed boiling pans, Making jacketed. N. E. Rambush and P. A. Andrews. 2,117,500; May 17.
- Vessels, Steering. R. F. McLeod. 2,116,276; May 3.
- Vest. L. R. Engelson. 2,134,473; Oct. 25.
- Vest construction. R. Hirschfeld. 2,137,086; Nov. 15.
- Veterinarian's instrument. P. J. Harder. 2,106,635; Jan. 25.
- Vibrating endless screen. S. M. Akeyson. 2,104,785; Jan. 11.
- Vibrating instrument for producing flocked articles. I. Kruger. 2,118,732; May 24.
- Vibrating machine. J. T. Kerns. 2,133,862; Oct. 18.
- Vibrating motor. P. E. Erickson. 2,113,444; Apr. 5.
- Vibrating screen. E. E. and I. F. Deister. 2,135,069; Nov. 1.
- Vibrating screen. W. A. Fye. 2,119,273; May 31.
- Vibrating screen. H. G. Linke. 2,139,089; Dec. 6.
- Vibrating screen. D. R. Royer. 2,140,172; Dec. 13.
- 2,140,393; Dec. 13.
- Vibrating screen. H. L. Strube. 2,116,225; May 3.
- Vibrating screen spring. H. L. Strube. 2,141,320; Dec. 27.
- Vibration absorber, Torsional. J. A. J. Bennett. 2,122,274; June 28.
- Vibration-damped structure, Making. D. S. Bruce and R. E. Berg. 2,106,792; Feb. 1.
- Vibration dampener. R. P. Lewis. 2,115,819; May 3.
- Vibration damper. H. E. Olson. 2,115,427; Apr. 26.
- Vibration damping device. R. R. Sarazin. 2,137,591; Nov. 22.
- Vibration detector. A. Wolf, L. G. Cowles, and W. S. Richardson. 2,130,213; Sept. 13.
- Vibration instrument. J. J. Ryan. 2,136,759; Nov. 15.
- Vibration isolating apparatus, Spring type. G. D. Pogue. 2,126,660; Aug. 9.
- Vibrationproof lamp. G. Herzberg. 2,116,575; May 10.
- Vibration reducing device. R. R. Sarazin. 2,127,888; Aug. 23.
- Vibrations, Apparatus for controlling the transmission of. R. W. Baily. 2,110,413; Mar. 8.
- Vibrator. W. G. Benway. 2,128,555; Aug. 30.
- Vibrator. H. M. Dressel, K. C. Allison, and E. J. Mastney. 2,140,792; Dec. 20.
- Vibrator. E. J. Mastney. 2,140,807; Dec. 20.
- Vibrator. T. H. Morgan. 2,119,285; May 31.
- Vibrator and expansion device for transmission lines, Mechanical. C. O. Dorman. 2,121,478; June 21.
- Vibrator and heater, Electric. P. A. Muckle. 2,135,312; Nov. 1.
- Vibrator and holder therefor. E. M. Chappell. 2,118,699; May 24.
- Vibrator and operating circuit therefor. W. W. Garstang. Re. 20,728; May 17.
- Vibrator, Body. W. D. Spencer. 2,113,865; Apr. 12.
- Vibrator, Dental. J. P. Kirwan and B. Jackson. 2,141,304; Dec. 27.
- Vibrator, Electromechanical. G. W. Pierce. 2,133,647; Oct. 18.
- Vibrator, Massage. P. L. Eberly. 2,138,815; Dec. 6.
- Vibrator transformer and rectifier. S. F. James. 2,113,762; Apr. 12.
- Vibratory feeding apparatus. J. A. Flint. 2,118,182; May 24.
- Vibratory screen. J. Mess and R. Stroud. 2,120,032; June 7.
- Vibratory screen. W. H. Popp and E. A. Ebert. 2,126,031; Aug. 9.
- Vibratory screening device. J. A. Flint. 2,137,753; Nov. 22.
- Vibratory structure. G. A. Overstrom. 2,136,951; Nov. 15.
- Viewing device for use in the examination of photoelastic effects, New and improved. R. T. Kriebel. 2,120,365; June 14.
- Viewing means, Infrared ray. L. J. Orvin. 2,120,765; June 14.
- Vinyl-aromatic compounds and arylacetylenes, Simultaneous production of. R. R. Dreisbach. 2,110,830; Mar. 8.
- Vinyl compound, Manufacture of solutions of a polymerized. H. Rein. 2,140,921; Dec. 20.
- Vinyl compounds and waxes, Combinations of polymerized. W. O. Herrmann and W. Haehnel. 2,127,381; Aug. 16.
- Vinyl compounds, Polymerized. W. O. Herrmann and W. Haehnel. 2,125,374; Aug. 2.
- Vinyl derivatives, Preparation of. G. E. Zelger. 2,130,451; Sept. 20.
- Vinyl polymers, Light stabilization of. F. W. Duggan. 2,126,179; Aug. 9.
- Vinylidene chloride reaction product. G. H. Coleman, G. V. Moore, and G. B. Stratton. 2,135,122; Nov. 1.
- Vinylidene chloride, Stabilizing. E. C. Britton and W. J. Le Ferre. 2,121,009-12; June 21.
- Violanthrone derivatives and preparing same, Sulphurized. W. H. Lycan. 2,105,978; Jan. 18.
- Violin. A. C. and A. Carter. 2,124,243; July 19.
- Violin body rest. H. McGowan. 2,110,023; Mar. 1.
- Viscometer. L. C. Lay. 2,131,379; Sept. 27.
- Viscometer. E. H. Payner. 2,116,765; May 10.
- Viscose, Coagulating or precipitating. L. Lillienfeld. 2,109,591; Mar. 1.
- Viscose, Making. G. A. Richter and H. P. Vannah. 2,141,669; Dec. 27.
- Viscose, Manufacture of. J. De Booy. 2,139,302; Dec. 6.
- Viscose, Manufacturing. H. B. Vollrath. 2,122,188; June 28.
- Viscose, Preparing. G. A. Richter. 2,120,417; June 14.



- Viscose spinning solution. R. S. Bley. 2,132,930; Oct. 11.
- Viscosimeter. G. F. Hoffmann. 2,122,470; July 5.
- Viscosity compensating device. H. F. Vickers. 2,139,050; Dec. 6.
- Viscosity control. H. J. Paynter. 2,121,045; June 21.
- Viscosity in evaporated milk, Controlling. C. O. Ball. 2,135,489; Nov. 8.
- Viscosity meter, Continuous. G. H. Decker. 2,120,351; June 14.
- Viscosity regulator. H. B. Clarke. 2,134,778; Nov. 1.
- Viscosity regulator. H. B. Clarke. 2,136,040; Nov. 8.
- Viscosity regulator. H. B. Clarke and H. T. Booth. 2,140,735; Dec. 20.
- Viscous materials, Apparatus for dehydrating. S. A. McDougall. 2,131,666; Sept. 27.
- Vise. T. Petersen. 2,127,008; Aug. 16.
- Vise. J. Tramsak. 2,139,292; Dec. 6.
- Vise, Bench. H. Olsen. 2,114,637; Apr. 19.
- Vise, Circular saw. J. Dominiak. 2,130,076; Sept. 13.
- Vise for typographical machines. A. H. Kelley, Jr. 2,139,638; Dec. 6.
- Vise, Glass jar. J. E. Neifert. 2,132,697; Oct. 11.
- Vise, Hydraulic. E. C. Wells. 2,107,970; Feb. 8.
- Vise lock. C. W. and T. Curle. 2,124,652; July 26.
- Visor and light screen for vehicles. A. S. Norcross. 2,134,414; Oct. 25.
- Visor construction. C. B. Johnson. 2,107,247; Feb. 1.
- Visor for ski caps, Extension. O. Blodjer. 2,138,086; Nov. 29.
- Visual indicator for tuning means. K. Schwarz. 2,116,217; May 3.
- Visual interpretation of electrical currents. R. D. Burchfield. 2,131,934; Oct. 4.
- Vitamin A, Apparatus for measuring the concentration of. R. L. McFarlan and J. W. Reddie. 2,123,573; July 12.
- Vitamin A, Obtaining highly purified. H. N. Holmes. 2,111,049; Mar. 15.
- Vitamin B, Process for the manufacture of. M. Klingenfuss. 2,127,446; Aug. 16.
- Vitamin D, Apparatus for producing. C. C. Whittier. 2,106,782; Feb. 1.
- Vitamin D, Producing. C. C. Whittier. 2,106,779; Feb. 1.
- Vitamin D product, Producing a. C. C. Whittier. 2,106,780; Feb. 1.
- Vitamin preparation, Obtaining a. H. M. Merker. 2,136,453; Nov. 15.
- Vitamin, Recovering antineuritic. L. R. Cerecedo. 2,114,775; Apr. 19.
- Vitreous enameled products. D. E. Krause. 2,109,271; Feb. 22.
- Vitrified products, Making. D. E. Lower. 2,138,870; Dec. 6.
- Voice coil suspension. I. B. Serge. 2,129,628; Sept. 6.
- Voice frequency relay, Selector. P. F. Bechberger, C. S. Thompson, and F. Holborn. 2,131,424; Sept. 27.
- Volatility tester. F. L. Kallam. 2,119,786; June 7.
- Voltage adjusting means for X-ray machines. E. J. Ries.
- Voltage measuring and indicating device. R. H. P. Collings. 2,125,992; Aug. 9.
- Voltage measuring system. H. Schuchmann. 2,133,670; Oct. 18.
- Voltage of discharge devices, Controlling. H. H. Renner. 2,128,562; Aug. 30.
- Voltage or gain control. F. B. Anderson, C. O. Malinckrodt, and A. L. Stillwell. 2,106,336; Jan. 25.
- Voltage regulator. G. C. Armstrong. 2,111,540; Mar. 22.
- Voltage regulator. C. D. Bock. 2,117,138; May 10.
- Voltage regulator. T. M. Hunter. 2,114,143; Apr. 12.
- Voltage regulator device. H. Kott. 2,141,654; Dec. 27.
- Voltage regulator. E. W. Swanson. 2,133,312; Oct. 18.
- Voltage regulator. J. S. Thompson. 2,115,352; Apr. 26.
- Voltage regulator control. W. Krämer. 2,137,877; Nov. 22.
- Voltage selector and wiring terminal, particularly for use therewith. E. Clark. 2,128,726; Aug. 30.
- Voltage transformation apparatus. R. H. Sullivan. 2,140,094; Dec. 13.
- Volt-ampere-hour meter. W. H. Pratt. 2,136,251; Nov. 8.
- Voltmeter, Maximum and minimum. A. L. Davis. 2,110,391; Mar. 8.
- Volume control and switch unit, Combined. C. J. Hathorn. 2,141,907-8; Dec. 27.
- Volume control arrangement. A. H. Cooper and W. C. Corner. 2,115,842; May 3.
- Volume control, Automatic. C. J. Franks. 2,111,765; Mar. 22.
- Volume control, Automatic. A. A. Linsell. 2,104,087; Jan. 4.
- Volume control, Automatic. M. G. Nicholson, Jr. 2,129,021; Sept. 6.
- Volume control, Automatic. H. O. Peterson. 2,108,899; Feb. 22.
- Volume control circuit, Automatic. F. H. Drake. 2,105,641; Jan. 18.
- Volume control circuit, Automatic. H. O. Peterson. 2,135,599; Nov. 8.
- Volume control circuit, Automatic. E. Zepler. 2,129,078; Sept. 6.
- Volume control circuit, Delayed automatic. W. L. Carlson. 2,135,560; Nov. 8.
- Volume control device. J. Yolles. 2,137,435; Nov. 22.
- Volume control device for radio receiving sets, Remote. H. K. Todd. 2,135,738-9; Nov. 8.
- Volume control for amplifiers, Automatic. L. Thompson. 2,141,944; Dec. 27.
- Volume control for radio receiving apparatus, Automatic. H. Diamond and F. W. Dunmore. 2,110,761; Mar. 8.
- Volume control means, Audio frequency. W. P. Maginnis. 2,121,091; June 21.
- Volume control system. D. G. C. Luck. 2,137,020; Nov. 15.
- Volume control system, Automatic. A. Crossley and H. E. Meinema. 2,106,207; Jan. 25.
- Volume control system, Automatic. P. F. G. Holst. 2,117,664; May 17.
- Volume control system, Automatic. H. P. Spearlin. 2,105,959; Jan. 18.
- Volume control system, Automatic. L. F. Willging. 2,107,514; Feb. 8.
- Volume control, System of compensating automatic. R. L. Hollingsworth. 2,104,324; Jan. 4.
- Volume control with noise suppression, Automatic. W. V. B. Roberts. 2,111,736; Mar. 22.
- Volume device, Displacement. E. E. Hewitt. 2,132,952; Oct. 11.
- Volume indicator. H. Kahl. 2,119,212; May 31.
- Volume of liquid in a tank, Apparatus for measuring the. J. M. Lynskey. 2,117,185; May 10.
- Volume with compressed air, Device for measuring. D. R. Gift. 2,113,686; Apr. 12.
- Vote registering apparatus. J. A. Pereyra. 2,133,755; Oct. 18.
- Voting machine. W. B. Campbell. 2,130,338; Sept. 20.
- Voting machine. C. E. and H. S. Glenn. 2,141,603; Dec. 27.
- Voting machine indications, Photographically recording. W. H. Petit and E. S. Hine. 2,123,151; July 5.
- Voting mechanism, Primary. A. H. Gustavson. 2,115,849; May 3.
- Voucher, Restaurant charge. F. Massafra. 2,114,806; Apr. 19.
- Vulcanization, Accelerators of. A. M. Clifford. 2,140,259; Dec. 13.
- Vulcanizing device. E. J. Pilblad. 2,138,585; Nov. 29.
- Vulcanizing device. C. C. Strange. 2,138,620; Nov. 29.
- Wadding. C. A. Fourness. 2,106,246; Jan. 25.
- Waffle iron, Electric. K. Ratliff. 2,116,688; May 10.
- Wagon and sled, Convertible coaster. A. J. Kelly. 2,106,530; Jan. 25.
- Wagon and the like, Convertible dinner. E. S. Louis. 2,110,466; Mar. 8.
- Wagon hitch. D. Currie. 2,105,585; Jan. 18.
- Wagon running gear. D. W. Vorhees, Jr. 2,115,566; Apr. 26.
- Waist band adjustment for garments. H. E. Miller. 2,108,175; Feb. 15.
- Waist band construction, Trousers. D. A. Blumberg. 2,130,942; Sept. 20.
- Waist band for garments. I. W. Rohatyn. 2,107,048; Feb. 1.
- Waistband for trousers, Adjustable. L. and T. K. Erickson. 2,114,997; Apr. 26.
- Waist bearer and cross tie. L. L. Neebe. 2,131,540; Sept. 27.
- Walking vehicle. F. Turnbull. 2,130,677; Sept. 20.
- Wall. C. Batcheller and F. Heft. 2,141,946; Dec. 27.
- Wall. G. H. Ellis. 2,117,763; May 17.
- Wall and arch construction. A. M. Kohler. 2,120,133; June 7.
- Wall and ceiling partition tie. D. McNamara. 2,105,327; Jan. 11.
- Wall assembly. A. V. Pretot. 2,137,677; Nov. 22.
- Wall assembly. G. E. Shipway and A. V. Pretot. 2,114,770; Apr. 19.
- Wall block. T. Dee. 2,109,942; Mar. 1.
- Wallboard and insulating material, Combination. E. M. Zier. 2,128,549; Aug. 30.
- Wallboard, Laminated pressed. J. H. McKenzie. 2,125,847; Aug. 2.
- Wallboard, Scored. H. E. Marsh. 2,137,896; Nov. 22.
- Wallboards, Installing and assembling. C. Welch. 2,109,448; Feb. 22.
- Wall cabinet board, Disappearing. L. R. Young. 2,106,044; Jan. 18.
- Wall case. P. E. Stiles. 2,119,609; June 7.
- Wall cleaning apparatus. C. L. Atkinson. 2,127,051; Aug. 16.
- Wall construction. J. E. Bauer. 2,115,513; Apr. 26.
- Wall construction. L. W. Brusse. 2,109,719; Mar. 1.
- Wall construction. R. W. Gilbert. 2,126,956; Aug. 16.
- Wall construction. E. H. Hedinger. 2,126,012; Aug. 9.
- Wall construction. H. Holdsworth. 2,105,770-1; Jan. 18.
- Wall construction. E. B. Hummer. 2,123,677; July 12.
- Wall construction. H. J. Kerr. 2,133,992; Oct. 25.
- Wall construction. J. E. Loucks. 2,134,637; Oct. 25.
- Wall construction. D. H. S. Mayo. 2,134,000; Oct. 25.
- Wall construction. D. V. Nelson. 2,109,072; Feb. 22.
- Wall construction. J. J. Olsen. 2,128,497; Aug. 30.
- Wall construction. H. J. Schubert. 2,134,894; Nov. 1.
- Wall construction. J. Trojanowski. 2,125,136; July 26.
- Wall construction and collapsible mold. F. M. Hughson. 2,111,562; Mar. 22.
- Wall construction, Building. G. Kleka. 2,110,900; May 10.



- Wall construction, Building. J. Rose. 2,128,886; Aug. 30.
- Wall construction, Building. W. J. Weesner. 2,138,683; Nov. 29.
- Wall construction, Double glass. G. L. West. 2,125,410; Aug. 2.
- Wall construction, Fire. G. Crombie, Sr. 2,107,524; Feb. 8.
- Wall construction, Heat-insulated. E. R. Bose. 2,107,258; Feb. 1.
- Wall covering and making the same, Washable. G. W. Jennings. 2,127,818; Aug. 23.
- Wall edge framing structure. R. D. Haugaard. 2,124,775; July 26.
- Wall facing, Metal. H. E. Voegeli. 2,128,976; Sept. 6.
- Wall fastener. F. Innocenti. 2,137,911; Nov. 22.
- Wall for railway cars, Corrugated. G. G. Gilpin. 2,107,861; Feb. 8.
- Wall form clamp. W. de Vigier. 2,140,669; Dec. 20.
- Wall, Furnace. D. S. Jacobus. 2,132,419; Oct. 11.
- Wall, Glass brick. W. O. Lytle. 2,110,885; Mar. 15.
- Wall, Hollow. R. Clark. 2,113,875; Apr. 12.
- Wall hook. E. H. F. E. B., and C. Tate. 2,105,061-2; Jan. 11.
- Wall, Insulated. H. W. Collins. 2,140,689; Dec. 20.
- Wall member, Elastic. G. H. Stewart and B. A. Evans. 2,126,837; Aug. 16.
- Wall of brickwork, Coking retort oven heating. J. Daniels. 2,141,035; Dec. 20.
- Wall or panel construction. S. Gessler. 2,134,389; Oct. 25.
- Wall or the like. R. L. Hohl. 2,140,997-2,141,000; Dec. 20.
- Wallpaper remover. F. S. Hudson. 2,137,876; Nov. 22.
- Wallpaper trimming machine. A. J. Morin. 2,109,889; Mar. 1.
- Wall, Partition. A. A. Jacobsen. 2,132,032; Oct. 4.
- Wall structure. J. A. Bohnsack. 2,128,797; Aug. 30.
- Wall structure. A. Malinovsky. 2,118,936; May 31.
- Wall structure and block, Glass melting tank. H. A. Wadman. 2,136,346; Nov. 8.
- Wall structure and structural members for use therein, Soundproof. A. Glass. 2,121,962; June 28.
- Wall structure, Building. D. Martin. 2,137,759; Nov. 22.
- Wall structure for railway cars. G. G. Gilpin. 2,121,288; June 21.
- Wall structure, Movable. L. J. Killion. 2,114,386-8; Apr. 19.
- Wall structure, Prefabricated unit. G. F. Boes. 2,131,268; Sept. 27.
- Wall surfaces, Coating. J. B. Kritzer. 2,110,335; Mar. 8.
- Wall thickness, Apparatus for determining. L. C. Ebel. 2,110,210; Mar. 15.
- Wall tile. C. A. Lord. 2,128,308; Aug. 30.
- Wall tile sheets, Making. C. Batcheller. 2,140,196; Dec. 13.
- Wall, Tiled. H. A. Meyrick. 2,139,905; Dec. 13.
- Wall treatment, Sound absorbing. C. L. Newport and H. C. Smith. 2,113,924; Apr. 12.
- Wall washer. W. J. Dunlap. 2,118,176; May 24.
- Wallet. F. Brunsell. 2,130,454; Sept. 20.
- Wallet and card holder, Combined expanding. M. Winkar. 2,135,865; Nov. 8.
- Wallet protector, Pocket. P. M. Martini, Jr. 2,129,018; Sept. 6.
- Walls, Acoustical treatment of. R. F. Norris. 2,111,326; Mar. 15.
- Walls and similar forms, Method of and apparatus for the construction of. K. P. Billner. 2,116,557; May 10.
- Walls, Constructing upright concrete. W. A. Jennings. 2,129,769; Sept. 13.
- Walls, Facing. J. C. Blair-McGuffie. 2,115,612; Apr. 26.
- Walls, Forming concrete. W. A. Jennings. 2,135,079; Nov. 1.
- Walls of wells while drilling same, Sealing the. G. Blow. 2,139,929; Dec. 13.
- Walls, sheets, and the like, System for electrically measuring the thickness of metallic. A. Loewenstein. 2,116,119; May 3.
- Wardrobe case. S. Blumenthal. 2,131,267; Sept. 27.
- Wardrobe case. A. Burger. 2,126,986; Aug. 16.
- Wardrobe, cupboard, or the like, Portable. M. Krantz. 2,107,828; Feb. 8.
- Wardrobe for school houses. R. G. Ross. 2,113,468; Apr. 5.
- Wardrobe for schools. R. G. Ross. 2,112,347; Mar. 29.
- Wardrobe, Portable. N. L. Dilts. 2,140,418; Dec. 13.
- Wardrobe rack. R. A. Magnuson. 2,107,640; Feb. 8.
- Wardrobe, Sliding door. I. Blechman. 2,131,367; Sept. 27.
- Warm air furnace. D. R. Bard. 2,109,876; Mar. 1.
- Warm air furnace. H. A. Bertossa. 2,104,181; Jan. 4.
- Warm air furnace. R. W. Henk. 2,137,474; Nov. 22.
- Warning and indicating device for aircraft. F. V. Brown and A. Onwood. 2,116,960; May 10.
- Warning device. C. W. Howard and H. L. Carpenter. 2,128,250; Aug. 30.
- Warning device for indicating overheated journals. E. C. Edmunds. 2,114,762; Apr. 19.
- Warning device for liquid dispensing apparatus. W. De Laney. 2,124,486; July 19.
- Warning device for manholes. H. F. Slocum. 2,113,713; Apr. 12.
- Warning, Electric shock speed. S. H. Caldwell. 2,134,028; Oct. 25.
- Warp beam. R. V. Olson and W. B. Swenson. 2,119,868; June 7.
- Warp-drawing machine. B. A. Peterson. 2,127,616; Aug. 23.
- Warp fabric. P. Schönfeld. 2,124,316; July 19.
- Warp feed for wire weaving looms. H. L. Thompson. 2,105,102; Jan. 11.
- Warp feeding and tensioning means. W. H. Hall, Jr. 2,138,155; Nov. 29.
- Warp leasing, Device for. F. H. Kaufmann. 2,107,004; Feb. 1.
- Warp printing apparatus. O. F. Hilbert. 2,137,741; Nov. 22.
- Warp tensioning control. A. T. Guild. 2,133,507; Oct. 18.
- Warping machine. E. R. Alderman. 2,127,803; Aug. 23.
- Warps and other textile sheets, Treating. J. Kohut. 2,114,449; Apr. 19.
- Washbasin. E. A. Corbin, Jr. 2,139,671; Dec. 13.
- Washbasin and cabinet attachment for bathtubs, Combination. G. M. Delaney. 2,113,648; Apr. 12.
- Washboard. R. J. Aston. 2,127,800; Aug. 23.
- Washboard for use in sinks. J. H. Adams. 2,129,079; Sept. 6.
- Wash box discharge control. E. J. Burnell and W. J. Heacock. 2,106,204; Jan. 25.
- Wash cloth. E. S. Sutton. 2,119,895; June 7.
- Washcloth, dishcloth, or the like. H. H. Jones. 2,112,963; Apr. 5.
- Washer: See—
- Bearing washer. Screen washer.
  - Bottle washer. Spring washer.
  - Can washer. Track bolt washer.
  - Dump washer. Tripe washer.
  - Gas washer. Valve washer.
  - Gravel washer. Vegetable washer.
  - Lock washer. Wall washer.
  - Photographic print washer. Well washer.
- Washer. W. A. Fye. 2,117,553; May 17.
- Washer. I. P. Pedrick. 2,107,340; Feb. 8.
- Washer for coal and the like. H. B. Slater. 2,127,987; Aug. 23.
- Washer for faucets. M. Esnard. 2,132,894; Oct. 11.
- Washer for fruits, vegetables, and the like. L. H. Platt and L. H. Platt, Jr. 2,141,362; Dec. 27.
- Washer for nuts, Locking. I. Guiducci. 2,124,249; July 19.
- Washer stringing machine. C. O. Howard. 2,123,780; July 12.
- Washers in heels, Molding. H. E. Morse. 2,110,091; Mar. 1.
- Washers in rubber heels, Apparatus for and method of inserting. L. A. Laursen. 2,118,817; May 31.
- Washers to the pins of molds, Feeding. C. and F. Hall. 2,128,557; Aug. 30.
- Washing and cleansing compositions. F. Sieffert. 2,134,346; Oct. 25.
- Washing and drying machine. J. E. and V. Cary. 2,124,460; July 19.
- Washing and drying machine. G. Webb. 2,114,893; Apr. 19.
- Washing apparatus. J. F. Brennan. Re. 20,699; Apr. 19.
- Washing apparatus. C. G. Dawson. 2,115,622; Apr. 26.
- Washing apparatus. W. L. Merrill. 2,106,619; Jan. 25.
- Washing apparatus. C. Schmid. 2,124,635; July 26.
- Washing apparatus for locomotives and the like. R. D. and J. C. Metcalfe. 2,131,964; Oct. 4.
- Washing machine. D. G. Alexopoulos. 2,126,365; Aug. 9.
- Washing machine. D. Becquet. 2,138,334; Nov. 29.
- Washing machine. G. B. Bishop. 2,115,611; Apr. 26.
- Washing machine. G. G. Blandford. 2,107,139; Feb. 1.
- Washing machine. J. Carroll. 2,121,786; June 28.
- Washing machine. F. A. Conterman. 2,116,695; May 10.
- Washing machine. C. R. Dale. 2,132,891; Oct. 11.
- Washing machine. G. W. Dunham. 2,112,077; Mar. 22.
- Washing machine. G. W. Dunham. 2,136,787; Nov. 15.
- Washing machine. K. P. Hamm. 2,121,431; June 21.
- Washing machine. H. H. Harlan. 2,139,229; Dec. 6.
- Washing machine. L. A. James. 2,119,636; June 7.
- Washing machine. J. B. Kessel. 2,134,048; Oct. 25.
- Washing machine. A. H. Labisky. 2,119,677; June 7.
- Washing machine. A. R. Lofstrand, Sr. 2,116,155; May 3.
- Washing machine. D. A. Meeker. 2,128,008; Aug. 23.
- Washing machine. R. R. Miller. 2,138,501; Nov. 29.
- Washing machine. A. W. Molinare. 2,140,846; Dec. 20.
- Washing machine. C. A. Moore. 2,136,056; Nov. 8.
- Washing machine. J. Motycka. 2,137,540; Nov. 22.
- Washing machine. R. E. Reed. 2,107,426; Feb. 8.
- Washing machine. F. Schroeder. 2,127,311; Aug. 16.
- Washing machine. I. Turner. 2,112,584; Mar. 29.
- Washing machine. F. H. Wells. 2,135,685; Nov. 8.
- Washing machine. R. H. Whiteley. 2,119,254; May 31.
- Washing machine, Clothes. P. E. Geldhof. 2,121,523; June 21.
- Washing machine driving mechanism. J. Mikulasek. 2,134,980; Nov. 1.
- Washing machine for tumblers and similar tableware. A. F. Partridge. 2,104,272; Jan. 4.
- Washing machine, Laundry. L. Zimarik. 2,118,582; May 24.



- Washing machines. H. C. Kuck and T. J. Abele. 2,120,101; June 7.
- Washing process for textile materials. E. Franz. 2,131,137; Sept. 27.
- Washing powder, Stable oxygen-yielding. K. Bauer, F. Pressel, and H. Medweth. 2,128,113; Aug. 23.
- Wastebasket. J. A. Hartman. 2,135,813; Nov. 8.
- Waste for journal box use, Apparatus for and the method of treating fibrous. E. S. Pearce. 2,105,094; Jan. 11.
- Waste for journal box use, Apparatus for treating fibrous. E. S. Pearce. 2,106,986; Feb. 1.
- Waste heat boiler. C. V. McIntire and L. F. Schrader. 2,126,125; Aug. 9.
- Waste retainer for car journals. P. E. Yancey. 2,125,141; July 26.
- Waste system. E. A. O'Leary. 2,127,184; Aug. 16.
- Wastes, Apparatus for drying and destroying municipal. J. Harrington. 2,116,573; May 10.
- Watch. F. Wachter. 2,116,493; May 3.
- Watch and jewelry cleaning machine. E. T. Hensler and H. W. McKenzie. 2,141,713; Dec. 27.
- Watchcase. J. Dinhofer. 2,107,176; Feb. 1.
- Watchcase. R. H. Whitehead. 2,123,688; July 12.
- Watchcase and dial therefor. L. Cohen. 2,115,359; Apr. 26.
- Watchcase mounting. E. C. Anderson. 2,128,766; Aug. 30.
- Watchcase, Tubular. H. Schlacht. 2,129,480; Sept. 6.
- Watch cleaning machine. I. Friedman. 2,104,456; Jan. 4.
- Watch construction. J. E. Bowen. 2,105,966; Jan. 18.
- Watch display box. B. S. Katz. 2,119,787; June 7.
- Watch holder construction. W. L. Gross. 2,124,945; July 26.
- Watch, Sundial. I. Wigdor. 2,137,519; Nov. 22.
- Watches, Method and apparatus for testing. R. H. Caldwell and V. T. Braman. 2,113,825; Apr. 12.
- Watchman's recording system. L. Kennedy and A. Beyer. 2,119,637; June 7.
- Water accumulator. E. Altenkirch. 2,138,687; Nov. 29.
- Water and producing them, Kinds of. E. W. Washburn. 2,108,570; Feb. 15.
- Water and sewage, Treatment of. C. J. Velz. 2,128,569; Aug. 30.
- Water, Apparatus and process for desilting natural streams of. F. V. W. Swanton. 2,120,516; June 14.
- Water, Apparatus for heating and deaerating. V. A. Rohlin. 2,138,354; Nov. 29.
- Water bag. M. H. Brown. 2,116,009; May 3.
- Water bubbler. A. J. Desrosiers. 2,107,109; Feb. 1.
- Water by chloramines, Sterilizing. H. L. Bowers and R. Riley. 2,112,476; Mar. 29.
- Water clarifying apparatus for reclaiming oil and grease. J. Hirschstein. 2,140,582; Dec. 20.
- Water closet. J. R. Beam. 2,129,398; Sept. 6.
- Water closet combination. B. O. Tilden. 2,108,625; Feb. 15.
- Water closet, Siphon breaking. R. A. Brooks. 2,122,834; July 5.
- Water colors. F. W. Liebethuth. 2,111,981; Mar. 22.
- Water conditioner and blow-off system, Automatic boiler. L. O. Gunderson and O. W. Carrick. 2,132,028; Oct. 4.
- Water connection. G. W. Hulshizer. 2,120,361; June 14.
- Water control, Feed. F. H. Bradford. 2,138,903; Dec. 6.
- Water control for steam boilers, Low. E. W. Loesser. 2,137,880; Nov. 22.
- Water cooled motor. C. E. Johnson. 2,107,481; Feb. 8.
- Water cooler. C. M. Cordley. 2,137,269; Nov. 22.
- Water cooler. C. S. Knight. 2,113,483; Apr. 5.
- Water cooler. O. F. Pesch. 2,112,379; Mar. 29.
- Water cooling system. E. O. Schjolin. 2,117,040; May 10.
- Watercraft. W. Grunberg, dit Greg. 2,139,303; Dec. 6.
- Watercraft. A. Herman. 2,120,591; June 14.
- Water discharge, Bilge. W. M. Davant. 2,120,858; June 14.
- Water economizer, Feed. G. L. Kottes. 2,116,028; May 3.
- Water ejector. E. M. Evans. 2,130,300; Sept. 13.
- Water eliminator for cooling towers. W. R. Kell. 2,128,678; Aug. 30.
- Water enriched with heavy water, Production of. F. Hansing. 2,134,249; Oct. 25.
- Water feed for rotary offset and lithographic presses. J. G. Goodke. 2,106,732; Feb. 1.
- Water flow detector and alarm means. C. C. Johnson. 2,109,317; Feb. 22.
- Water for industrial purposes of all kinds, especially boiler feed water, Preparing. A. Schneider and F. Galsner. 2,127,450; Aug. 16.
- Water from and supplying water to subterranean formations, Method of and apparatus for recovering. L. Ranney. 2,126,575; Aug. 9.
- Water from aqueous aliphatic acids, Process and apparatus for removing. J. J. Gordon and E. R. Conklin. 2,129,684; Sept. 13.
- Water from mineral oil by filtration, Separation of. W. P. Gee. 2,134,331; Oct. 25.
- Water gate. F. P. Snow. 2,128,542; Aug. 30.
- Water gate, Rotatable. H. B. Smyser. 2,125,090; July 26.
- Water heater. C. L. Chmcey. 2,128,350; Aug. 30.
- Water heater. E. B. Gochier. 2,122,228; June 28.
- Water heater. C. H. Morrow. 2,112,655; Mar. 29.
- Water heater. J. F. Mustee. 2,108,691; Feb. 15.
- Water heater. L. B. Weymouth. 2,104,918; Jan. 11.
- Water heater. F. E. Wolcott. 2,110,251; Mar. 8.
- Water heater, Combined domestic. A. T. Johanson. 2,133,326; Oct. 18.
- Water heater, Electric. S. D. Roberson. 2,106,019; Jan. 18.
- Water heating and deaerating system. C. I. Baker. 2,115,453; Apr. 26.
- Water heating control device, Hot. W. O. Lum. 2,121,639; June 21.
- Water heating device, Hot. A. B. Trencavel. 2,135,367; Nov. 1.
- Water-heating system. F. Carnes. 2,126,732; Aug. 16.
- Water heating system, Feed. R. M. Ostermann and A. Williams. 2,105,817; Jan. 18.
- Water heating system, Feed. E. Rawson and A. Williams. 2,105,822; Jan. 18.
- Water in elevated tanks, Aeration of. J. P. Lawlor. 2,128,617; Aug. 30.
- Water in mining sulphur, Conditioning, and re-use of mine bleed. B. A. Axelrad. 2,109,611; Mar. 1.
- Water-jet apparatus. L. Heidmann. 2,131,660; Sept. 27.
- Water lifting apparatus. H. Witt. 2,130,940; Sept. 20.
- Watermelons, Loading and transporting. L. V. Francis and J. H. Grafues. 2,112,486; Mar. 29.
- Water meter. R. S. Bassett. 2,108,425; Feb. 15.
- Water meter. W. A. White. 2,127,195; Aug. 16.
- Water meter mounting. E. M. Krueger. 2,125,380; Aug. 2.
- Water-modifying apparatus. J. Corydon, Jr., and R. Lowe. 2,126,092; Aug. 9.
- Water motor. S. Anastasakis. 2,106,264; Jan. 25.
- Water out of the atmosphere, Gaining. E. Altenkirch. 2,138,689; Nov. 29.
- Water power. M. Orlove. 2,105,624; Jan. 18.
- Water power, Verticle drop. A. G. Grondahl. 2,104,984; Jan. 11.
- Water pressure regulator. W. T. Birch. 2,105,876; Jan. 18.
- Waterproof compound. M. H. Belloc. 2,115,797; May 3.
- Waterproof container. L. J. Geluso. 2,134,441; Oct. 25.
- Waterproof igniting compositions, Making. L. E. Larsson. 2,128,368; Aug. 30.
- Water pump. B. A. Swennes. 2,107,090; Feb. 1.
- Water purification. O. M. Urbain. 2,105,277; Jan. 11.
- Water purification apparatus and method. V. Ehle. 2,134,113; Oct. 25.
- Water, Purification of organically polluted. O. M. Urbain and W. R. Siemen. 2,116,053; May 3.
- Water-resistant fabric. G. V. Caesar. 2,132,527; Oct. 11.
- Water ring for concrete pipe forms. J. C. French. 2,108,371; Feb. 15.
- Water separator. E. K. Ralston. 2,134,840; Nov. 1.
- Water shut-off for oil wells. C. A. Brown. 2,118,067; May 24.
- Water softener. A. Gudmundsen. 2,117,091; May 10.
- Water softener. W. H. Woodstock. 2,122,122; June 28.
- Water softener and softening water. H. M. Haagensohn. 2,104,986; Jan. 11.
- Water softener valve. L. G. Daniels. 2,110,758; Mar. 8.
- Water softener valve. J. A. Johnson. 2,137,406; Nov. 22.
- Water, Softening. G. W. Kuhl. 2,133,895; Oct. 18.
- Water, Softening. E. Seyb. 2,117,631; May 17.
- Water softening apparatus. J. H. Nash. 2,120,429; June 14.
- Water softening device. G. C. Glynn. 2,137,755; Nov. 22.
- Water storage and supply system. R. V. Ward. 2,112,353; Mar. 29.
- Water supply and drainage system for fishlocks. B. L. Peterson. 2,125,311; Aug. 2.
- Water supply for bidets and the like, Safety system of. I. Salvoni. 2,104,210; Jan. 4.
- Water supply system. W. F. Ogden. 2,117,907; May 17.
- Water temperature control valve. C. B. McClure. 2,106,929; Feb. 1.
- Water to steam boilers, Apparatus for feeding. T. J. Sullivan. 2,131,335; Sept. 27.
- Water transfer system, Underground. F. E. Taysen. 2,135,860; Nov. 8.
- Water, Treating. G. J. Pink. 2,140,401; Dec. 13.
- Water, Treating. L. Rosenstein. Re. 20,754; June 7.
- Water treating plant, Self powered automatic. O. A. Sims. 2,119,930; June 7.
- Water treatment. H. Rodman. 2,107,765; Feb. 8.
- Water treatment. W. S. Russell. 2,108,021; Feb. 8.
- Water treatment, Gas holder. J. R. Skeen. 2,141,049; Dec. 20.
- Water treatment, Hydrogen zeolite. R. Riley. 2,127,310; Aug. 16.
- Water, Treatment of contaminated. E. P. Schimman. 2,114,576; Apr. 19.
- Water tube boiler. S. L. G. Knox. 2,110,882; Mar. 15.
- Water vapor, Apparatus for evolving. F. E. P. Klages. 2,122,573; July 5.
- Waterproofing process. H. S. Holt. 2,125,376; Aug. 2.
- Watthour meter. W. M. Bradshaw and E. G. Johansson. 2,118,587; May 24.
- Wat hour meter. W. H. Pratt. 2,132,271; Oct. 4.
- Wattmeter, Radio frequency. R. Lee. 2,140,364; Dec. 13.



- Wave amplifier. R. K. Potter. 2,122,538; July 5.  
Wave antenna system, Ultrashort. K. Fritz. 2,112,282; Mar. 29.  
Wave apparatus, Permanent. H. M. Hart. 2,123,585; July 12.  
Wave clip, Permanent. J. E. Dwyer. 2,139,737; Dec. 13.  
Wave connection system, Ultra short. K. Schlesinger. 2,137,355; Nov. 22.  
Wave demodulating means. H. Chireix. 2,135,171; Nov. 1.  
Wave device, Machineless permanent. A. E. Sierad. 2,137,511; Nov. 22.  
Wave filter. L. F. Curtis. 2,134,175; Oct. 25.  
Wave form generator, Serrated. R. Urtel. 2,135,740; Nov. 8.  
Wave machine, Permanent. W. L. Douden. 2,118,594; May 24.  
Wave-meter. A. E. Bowen. 2,106,713; Feb. 1.  
Wave meter. W. Kauter. 2,140,016; Dec. 13.  
Wave motor. W. T. Herndon. 2,109,173; Feb. 22.  
Wave presser. N. L. Solomon. 2,121,058; June 21.  
Wave receiver, Modulated carrier. F. M. G. Murphy. 2,129,020; Sept. 6.  
Wave receiver, Ultrashort. H. E. Hollmann. 2,123,242; July 12.  
Wave receiving apparatus, Ultra-short. W. Kriebel. 2,128,750; Aug. 30.  
Wave receiving system, Ultra-short. E. Gerhard. 2,133,615; Oct. 18.  
Wave reception, Short. B. Trevor and R. W. George. 2,134,590; Oct. 25.  
Wave resonance system, Ultrashort. H. E. Hollmann. 2,115,070; Apr. 26.  
Wave sender and receiver, Compressional. W. Kunze. 2,116,522; May 10.  
Wave sender or receiver, Compressional. W. Kunze. 2,138,036; Nov. 29.  
Wave signaling system. H. M. Lewis. 2,129,740; Sept. 13.  
Wave signaling system. H. J. McCarthy. 2,131,538; Sept. 27.  
Wave system, Ultra short. R. M. Morris and C. P. Sweeney. 2,135,672; Nov. 8.  
Wave system, Ultrashort. H. Scharlau. 2,115,788; May 3.  
Wave translating method and circuits. J. L. Fearing. 2,124,973; July 26.  
Wave translation system. H. S. Black. 2,131,365; Sept. 27.  
Wave transmission. G. C. Southworth. 2,141,281-2; Dec. 27.  
Wave transmission, Distortion correction in. J. T. Dixon and J. G. Kreer, Jr. 2,140,900; Dec. 20.  
Wave transmission, Distortion correction in. J. G. Kreer, Jr. 2,140,915; Dec. 20.  
Wave transmission, Guided. A. E. Bowen. 2,129,669; Sept. 13.  
Wave transmission network. S. Bobis. 2,127,201; Aug. 16.  
Wave transmission network. S. Darlington. 2,115,138; Apr. 26.  
Wave transmission network. E. L. Norton. 2,126,915; Aug. 16.  
Wave transmission system, Electric. H. E. Curtis. 2,119,853; June 7.  
Wave transmitter, Modulated. W. T. Ditcham. 2,114,336; Apr. 19.  
Waver, Hair. B. M. Beskow. 2,139,181; Dec. 6.  
Waves, Transmission of guided. G. C. Southworth. 2,106,769; Feb. 1.  
Waving appliance, Permanent. M. Arnold. 2,105,069; Jan. 11.  
Waving apparatus, Permanent. H. N. Durham. 2,114,917; Apr. 19.  
Waving apparatus, Permanent. E. F. Suter. 2,122,163; June 28.  
Waving device, Permanent. G. Decker. 2,140,184; Dec. 13.  
Waving device, Permanent. H. N. Durham and G. B. Finnegan, Jr. 2,118,177; May 24.  
Waving device, Permanent. C. F. Harris and W. A. Tripp. 2,116,348; May 3.  
Waving pad, Permanent. C. J. Lewit. 2,108,590; Feb. 15.  
Waving, Permanent. E. F. Suter and G. B. Finnegan, Jr. 2,122,783; July 5.  
Waving, Permanent. E. F. Suter. 2,130,748; Sept. 20.  
Waving process and apparatus, Permanent. F. K. Bezenberger. 2,127,458; Aug. 16.  
Wax and asphaltic constituents from oil, Removing. J. H. Grahame and W. L. Douthett. 2,137,207; Nov. 15.  
Wax and producing same, Oxidized. D. E. Carr and M. L. Wade. 2,119,940; June 7.  
Wax and production of same, High melting point. C. F. Tears. Re. 20,623; Jan. 11.  
Wax applier. W. G. Bailey. 2,138,288; Nov. 29.  
Wax, Bleaching ester type. J. S. Reichert, D. J. Campbell, W. S. Hinegardner, and L. R. P. London. 2,113,433; Apr. 5.  
Wax emulsions, Production of improved. K. Behringer. 2,128,025; Aug. 23.  
Wax, Friable chlorinated naphthalene. W. J. Marsh. 2,112,169; Mar. 22.  
Wax from hydrocarbon oils containing the same, Separating. S. C. Fulton and J. M. Whiteley. 2,114,467; Apr. 19.  
Wax from hydrocarbon oils, Separation of. E. C. Knowles. 2,132,355; Oct. 4.  
Wax from mineral oil by filtration, Separation of. W. P. Gee. 2,107,664; Feb. 8.  
Wax from oils, Separation of. C. E. Adams and F. W. Scheinman. 2,122,019; June 28.  
Wax from rotary filters, Removal of. R. B. Selund. 2,131,303; Sept. 27.  
Wax, High tensile strength. E. W. Adams and F. H. MacLaren. 2,127,668; Aug. 23.  
Wax in oils, Suppressing. C. E. Francis and B. S. Greensfelder. 2,141,601; Dec. 27.  
Wax or like applicator. R. B. Kingman. 2,110,000; Mar. 1.  
Wax-propane mixtures, Depropanizing. D. B. Banks and P. D. Barton. 2,111,957; Mar. 22.  
Wax, Refining. T. S. Richardson and P. L. Smith. 2,117,984; May 17.  
Wax, Separation of. K. L. Wallin. 2,119,759; June 7.  
Wax, Treating petroleum. B. H. Shoemaker. 2,116,220; May 3.  
Wax treatment. O. L. Roberts. 2,125,314; Aug. 2.  
Waxed webs, Apparatus for treating. A. Potdevin. 2,115,283; Apr. 26.  
Waxes, Making. E. R. Wiles. 2,123,982; July 19.  
Waxes, Treating. H. R. Dickinson. 2,136,282; Nov. 8.  
Waxing device. P. Goettel. 2,110,724; Mar. 8.  
Waxing device for use in a paper bottle capping machine, Cup form. I. F. Mandell. 2,127,180; Aug. 16.  
Waxing machine. D. Wood. 2,106,940; Feb. 1.  
Waxing pad. R. B. Kingman. 2,110,001; Mar. 1.  
Waxlike substance and preparing same. M. Jahrstorfer and G. Schwarte. 2,134,333; Oct. 25.  
Wear compensating device for washing machine cylinder doors. W. Strobridge. 2,114,579; Apr. 19.  
Wearing shoe and brake hanger. F. Schaefer. 2,109,682; Mar. 1.  
Wearplate for rubber overshoes and the like. G. H. Wilkin-son. 2,108,572; Feb. 15.  
Weatherboarding. L. Kirschbraun. 2,115,172; Apr. 26.  
Weatherproofing structure for doors. D. H. Harnly. 2,106,322; Jan. 25.  
Weather protector. J. F. Fauner. 2,131,100; Sept. 27.  
Weather strip. C. J. Alden. 2,112,323; Mar. 29.  
Weather strip. C. Breer. 2,121,854; June 28.  
Weather strip. R. B. Calcutt. 2,120,017; June 7.  
Weather strip. J. F. Fauner. 2,132,103; Oct. 4.  
Weather strip. C. T. Fessler. 2,139,329; Dec. 6.  
Weather-strip. P. R. Oftedal. 2,117,978; May 17.  
Weather strip. H. A. Smith. 2,130,042; Sept. 13.  
Weather strip. C. A. Tea. 2,121,893; June 28.  
Weather strip. C. A. Tea. 2,139,780; Dec. 13.  
Weather strip. G. E. Tremblay. 2,132,060; Oct. 4.  
Weather strip and making the same. D. H. Harnly, and W. R. Matheny. 2,136,687; Nov. 15.  
Weather strip and sash holder. P. Delich. 2,135,564; Nov. 8.  
Weather strip construction. W. J. Dennis. 2,122,366; June 28.  
Weather strip, Door. K. Mirus-Leuschner. 2,140,844; Dec. 20.  
Weather-strip elements, Manufacture of. R. C. Pierce. 2,137,697; Nov. 22.  
Weather strip for closures. G. N. Brunner. 2,126,726-7; Aug. 16.  
Weather strip for hinged doors. S. Lydiard and E. W. Kress. 2,132,742; Oct. 11.  
Weather strip for windows. F. and E. G. Austin. 2,131,087; Sept. 27.  
Weather stripping. N. C. Schlegel. 2,105,164; Jan. 11.  
Weather stripping structure for car windows. J. Schunk. 2,114,818; Apr. 19.  
Weather surfacing element. J. B. Hunt. 2,110,485; Mar. 8.  
Weave scanning apparatus, Solid. D. B. Gardner. 2,131,504; Sept. 27.  
Weaving, Apparatus for hand. H. S. and R. M. H. Clark. 2,139,879; Dec. 13.  
Weaving loom, Needle. R. Dewas. 2,125,894; Aug. 9.  
Web assembling means for printing presses. E. W. Dean. 2,136,277-8; Nov. 8.  
Web associating mechanism for printing machines. F. Lamatsch and A. J. Horton. 2,118,816; May 31.  
Web cutting mechanism for printing machines. A. M. Zuckerman. 2,110,901; Mar. 15.  
Web drying method and apparatus. B. Offen. 2,133,330; Oct. 18.  
Web feed control for autographic registers. V. W. Garwood. 2,115,386; Apr. 26.  
Web feeding mechanism. A. F. Pitoy. 2,128,964; Sept. 6.  
Web feeding mechanism. F. E. Weller. 2,128,867-8; Aug. 30.  
Web, Forming a. E. Hurst and M. Crane. 2,122,473; July 5.  
Web guide mechanism. W. C. Nash. 2,136,705; Nov. 15.  
Web guiding device. W. C. Nash. 2,108,232; Feb. 15.  
Web material and making the same. E. Hurst and M. Crane. 2,122,472; July 5.  
Web materials, Making bituminized. H. W. Greider and G. A. Fasold. 2,105,531; Jan. 18.  
Web reeling-off machine. J. Inglis. 2,132,789; Oct. 11.  
Web registering mechanism. J. Degnan. 2,105,185; Jan. 11.



- Web roll supply mechanism. R. A. Freeman. 2,123,673; July 12.
- Web supply arrangement of printing presses. H. A. W. Wood. 2,107,461; Feb. 8.
- Web supply mechanism. O. Schwarz. 2,140,557; Dec. 20.
- Web supply mechanism for printing machines. A. J. Horton. 2,129,618; Sept. 6.
- Web supply mechanism for printing machines. A. J. Horton. 2,135,975; Nov. 8.
- Web supply mechanism for printing machines. A. J. Horton. 2,140,528; Dec. 20.
- Web supply mechanism for printing machines. A. J. Horton. 2,141,137; Dec. 20.
- Webbing support for upholstered furniture. S. S. Bernstein. 2,117,394; May 17.
- Webs, Measuring of running. J. Menschner. 2,115,822; May 3.
- Webs, Method and apparatus for making granular coated. R. L. Melton, R. C. Benner, and H. P. Kirchner. 2,141,658; Dec. 27.
- Webs of paper or other sheet material, Process and apparatus for the longitudinal creping of. R. Haas. 2,130,007; Sept. 13.
- Webs, Process and apparatus for drying fibrous. E. E. Berry. 2,111,834; Mar. 22.
- Webs, Process and apparatus for measuring running. J. Menschner. 2,115,737; May 3.
- Wege, Blade anchoring. J. W. Schmidt. Re. 20,722; May 10.
- Wedge for concrete form ties. D. C. Hungerford. 2,107,415; Feb. 8.
- Wedge for vehicle brakes, Energizing floating. A. T. Babineau. 2,139,345; Dec. 6.
- Wedge, Tool handle. W. A. Sugg. 2,117,229; May 10.
- Weed cutter. F. J. Birge. 2,106,047; Jan. 15.
- Weed destroyer. H. N. Bingham. 2,115,702; May 3.
- Weed killing process. I. L. Ressler. 2,110,842; Mar. 8.
- Weeder. C. B. Ruffcorn. 2,121,265; June 21.
- Weeder. M. M. Simpson. 2,123,972; July 19.
- Weeder point, Adjustable rod. A. A. Scarlet. 2,125,359; Aug. 2.
- Weeding and mulching tool. T. B. Hubbell. 2,141,533; Dec. 27.
- Weeding machine. G. Q. Heppner. 2,114,563; Apr. 19.
- Weeding tool. W. V. Avant. 2,134,070; Oct. 25.
- Weft feeder for weaving looms. R. Dewas. 2,116,620; May 10.
- Weft knit fabric. J. McNamee. 2,124,508; July 19.
- Weft replenishing loom. E. A. Morin and M. Bornstein. 2,131,114; Sept. 27.
- Weft-replenishing loom, Automatic. W. A. Dickie, F. C. Hale, and W. Howarth. 2,129,994; Sept. 13.
- Weft replenishing loom, Automatic double. W. F. Bird and W. R. Hewton. 2,111,526; Mar. 15.
- Weft replenishing mechanism for looms. A. Cederlund. 2,128,915; Sept. 6.
- Weft replenishing mechanism for oval bobbins. R. G. Turner. 2,141,674; Dec. 27.
- Weft stop motion for looms with feeler and lifter, Intermediate. W. Lohsse. 2,123,472; July 12.
- Weighing and filling apparatus and method. W. M. Ryan and J. W. Bold. 2,138,356; Nov. 29.
- Weighing and indicating mechanism. F. Q. Rast. 2,111,127; Mar. 15.
- Weighing and packaging machine. T. Rapp. 2,116,934; May 10.
- Weighing and testing machine, Hydraulic. A. G. Blanchard. 2,125,483; Aug. 2.
- Weighing apparatus. O. H. Basquin and O. P. Haegele. 2,131,683; Sept. 27.
- Weighing apparatus. O. P. Haegele. 2,121,227; June 21.
- Weighing apparatus. O. P. Haegele. 2,132,237; Oct. 4.
- Weighing apparatus. O. P. Haegele and O. H. Basquin. 2,131,684; Sept. 27.
- Weighing apparatus. O. P. Haegele. 2,140,796; Dec. 20.
- Weighing apparatus. M. A. E. Levy and W. A. Loth. 2,127,063; Aug. 16.
- Weighing apparatus. W. H. Venable. 2,130,821; Sept. 20.
- Weighing apparatus, Automatic. E. W. Bleam. 2,111,921; Mar. 22.
- Weighing device. J. S. Hedges. 2,129,469; Sept. 6.
- Weighing device, Automatic. A. E. Mason and I. R. Sigman. 2,139,903; Dec. 13.
- Weighing machine. J. L. Ferguson. 2,141,296; Dec. 27.
- Weighing machine, Changing display. G. Marsden. 2,107,674; Feb. 8.
- Weighing system. B. L. Lewis. 2,114,267; Apr. 12.
- Weight and line indicator. H. H. Greene. 2,121,870; June 28.
- Weight controlled machine. F. Q. Rast. 2,120,373; June 14.
- Weight for diving suits, Ballast. E. Töpper. 2,120,420; June 14.
- Weight indicating device. V. D. Hanes. 2,118,727; May 24.
- Weir for glass making tank. V. Mulholland. 2,127,087; Aug. 16.
- Weir shutter, Hydrostatic. F. Jermáf. 2,118,404; May 24.
- Weld ironer, Chain link joint. V. Grigich. 2,137,648; Nov. 22.
- Weld rod. A. G. de Golyer. 2,118,296; May 24.
- Welded joint. G. G. Greulich. 2,127,680; Aug. 23.
- Welded joint. B. C. Moise. 2,132,575; Oct. 11.
- Welder. E. A. Hobart. 2,130,584; Sept. 20.
- Welder, Air-O-Matic spot. E. G. Biederman. 2,120,141; June 7.
- Welder, Arc. N. L. Andrus and L. J. Ganyaw. 2,138,754; Nov. 29.
- Welder control system. F. H. Roby. 2,124,795; July 26.
- Welding. E. S. Hebler. 2,139,160; Dec. 6.
- Welding. S. E. Paine. 2,133,058; Oct. 11.
- Welding. R. M. Rooke and F. C. Saacke. 2,141,021; Dec. 20.
- Welding. W. S. Simmie. 2,113,664; Apr. 12.
- Welding and brazing alloy. H. Kanz. 2,114,781; Apr. 19.
- Welding and cutting apparatus. R. J. Kehl. 2,116,352; May 3.
- Welding and flash trimmings, Apparatus for. M. D. Stone. 2,120,316; June 14.
- Welding apparatus. M. Christensen, G. H. Plaine, J. E. Trainer, and J. C. Hodge. 2,133,971; Oct. 25.
- Welding apparatus. M. L. Eckman. 2,122,933; July 5.
- Welding apparatus. F. C. Hutchison and W. J. Jacobsson. 2,125,923; Aug. 9.
- Welding apparatus. J. L. Jones. 2,104,749-50; Jan. 11.
- Welding apparatus. W. H. Martin. 2,126,490; Aug. 9.
- Welding apparatus. W. H. Martin. 2,126,903; Aug. 16.
- Welding apparatus. H. E. Rockefeller and J. M. Halbing. 2,116,870; May 10.
- Welding apparatus. R. N. Stoddard and E. H. Vedder. 2,134,538; Oct. 25.
- Welding apparatus, Electric. E. J. Podany. 2,115,084; Apr. 26.
- Welding apparatus, Electric. R. A. Terrell. 2,107,093; Feb. 1.
- Welding, Apparatus for. R. R. Applegate. 2,112,552; Mar. 29.
- Welding, Apparatus for. J. H. Bucknam. 2,130,261; Sept. 13.
- Welding, Apparatus for. J. W. Free. 2,136,772; Nov. 15.
- Welding apparatus, Resistance. L. R. Peters. 2,123,063; July 5.
- Welding, Arc. J. A. Drain, Jr. 2,124,849; July 26.
- Welding clamp. G. R. Milton. 2,127,828; Aug. 23.
- Welding clamp, Pipe joint. V. K. Robinson. 2,108,077; Feb. 15.
- Welding control apparatus. C. J. Kopp. 2,104,200; Jan. 4.
- Welding device. D. T. May. 2,110,271; Mar. 8.
- Welding, Double spot. G. Hagedorn. 2,137,909; Nov. 22.
- Welding, Electric. W. Lessel. 2,123,571; July 12.
- Welding, Electric arc. H. M. Henderson. 2,121,693; July 22.
- Welding-electrode holder. R. Paesani. 2,111,803; Mar. 22.
- Welding generator. W. J. Oesterlein. 2,117,035; May 10.
- Welding machine. R. W. Mitchell. 2,110,632; Mar. 8.
- Welding machine. C. H. Quackenbush. 2,137,181; Nov. 15.
- Welding machine, Electric. T. M. King and L. Stastney. 2,129,845; Sept. 13.
- Welding machine, Electric. H. G. Watkin. 2,130,657; Sept. 20.
- Welding method. H. G. Mehilhouse. 2,127,648; Aug. 23.
- Welding method and apparatus. P. E. Shaver. 2,132,975; Oct. 11.
- Welding, Method and apparatus for. E. Riemen-schneider. 2,139,771; Dec. 13.
- Welding method, Resistance. J. J. Brown. 2,109,461; Mar. 1.
- Welding process. H. C. Drake. 2,124,850; July 26.
- Welding rod. C. Hardy. 2,121,194; June 21.
- Welding rod. A. R. Lytle. 2,118,678-9; May 24.
- Welding rod. W. Rochocz. 2,113,222; Apr. 6.
- Welding rod, Composite. J. A. Zublin. 2,137,471; Nov. 22.
- Welding rod, Flux coated. C. G. Chadwick. 2,142,045; Dec. 27.
- Welding strip. M. Naeder. 2,119,990; June 7.
- Welding tool. G. Hogg, J. W. Free, and G. R. Carroll. 2,110,832; Mar. 8.
- Welding transformer. W. F. Gakle. 2,128,086; Aug. 23.
- Welding unit, Arc. R. R. Bollman. 2,118,291; May 24.
- Welding with superimposed high frequency. I. Schligyo. 2,133,152; Oct. 11.
- Weldrod. A. G. de Golyer. 2,104,693-4; Jan. 4.
- Weldrod. L. B. Wilson. 2,107,434; Feb. 8.
- Well and bulb construction for thermosensitive devices, Combination. K. H. Hubbard and L. E. Smith. 2,135,078; Nov. 1.
- Well bit. A. C. Catland. 2,107,026; Feb. 8.
- Well bit cutter mounting. A. C. Catland. 2,111,753; Mar. 22.
- Well-boring apparatus. G. J. Barrett and S. Robichaux. 2,105,722; Jan. 18.
- Well boring apparatus. E. G. McCann. 2,116,350; May 3.
- Well casing joint. H. G. Texter. 2,111,196; Mar. 15.
- Well casing perforator. E. R. Ruther and R. M. Ridley. 2,140,813; Dec. 20.
- Well casing setting and backing-off coupling. J. C. Singleton. 2,107,716; Feb. 8.
- Well cementing, Apparatus for oil. E. V. Crowell. 2,120,604; June 14.



- Well cementing device. R. C. Baker. 2,117,534; May 17.  
 Well cementing plug. J. E. Pipes. 2,124,710; July 26.  
 Well cleaner. C. C. Taylor. 2,134,320; Oct. 25.  
 Well cleaning system. W. C. Erwin. 2,107,631; Feb. 8.  
 Well cleaning system. J. Grant. 2,138,375; Nov. 29.  
 Well clean-out tool. C. Baker. 2,127,019; Aug. 16.  
 Well declinations, Measuring. J. C. Hewitt, Jr. 2,116,350; May 3.  
 Well drill bit, Deep. C. F. Williams and H. Gruner. 2,124,521; July 19.  
 Well drill pipe. B. L. Peterson. 2,117,357; May 17.  
 Well drilling apparatus. D. L. Driscoll. 2,127,108; Aug. 16.  
 Well drilling apparatus, Rotary. D. T. Foster. 2,107,475; Feb. 8.  
 Well drilling bit. O. B. Goldman. 2,124,414; July 19.  
 Well drilling bit. J. H. Howard. 2,111,781; Mar. 22.  
 Well drilling equipment. F. and A. L. Stone. 2,126,933; Aug. 16.  
 Well drilling head. H. C. Otis. 2,105,754; Jan. 18.  
 Well drilling machine. H. H. Elmore. 2,139,739; Dec. 13.  
 Well drilling machine. D. H. Smith. 2,136,596; Nov. 15.  
 Well drilling mechanism. R. E. Lee. 2,118,650; May 24.  
 Well drilling operations, Method of and composition for preventing the loss of drilling fluid. C. F. Parsons. 2,119,829; June 7.  
 Well drilling rig. C. W. MacKay. 2,105,091; Jan. 11.  
 Well drilling unit, Rotary. J. E. Brantly and J. M. Shimer. 2,115,297; Apr. 26.  
 Well flow control, Automatic. G. P. Wisdom. 2,122,080; June 28.  
 Well flowing apparatus. T. E. Bryan. 2,128,074; Aug. 23.  
 Well flowing device. G. A. Humason. 2,134,045; Oct. 25.  
 Well fluid sampler. G. A. Macready. 2,137,296; Nov. 22.  
 Well graveling apparatus. R. L. Chenault. 2,140,072; Dec. 13.  
 Well gun. F. King. 2,120,615; June 14.  
 Well head installation with choke valve. J. R. Yancey. 2,132,199; Oct. 4.  
 Well heating device and method. W. T. Wells. Re. 20,832; Aug. 16.  
 Well logging, Seismic. H. Salvatori. 2,137,985; Nov. 22.  
 Well-logging, Single cable electrical. W. M. Rust, Jr., and W. D. Mounce. 2,132,807; Oct. 11.  
 Well measuring. K. Bolton and J. E. Weiler. 2,131,868; Oct. 4.  
 Well packer. C. S. Crickmer. 2,136,674; Nov. 15.  
 Well pipe cutter. I. J. McCullough. 2,133,628; Oct. 18.  
 Well production tester. A. S. Parks. 2,113,856; Apr. 12.  
 Well protective device, Oil and gas. A. B. Long and L. E. Stagg, Jr. 2,104,660; Jan. 4.  
 Well pump. G. R. Brown. 2,133,890; Oct. 18.  
 Well pump. W. F. Cox. 2,111,176-7; Mar. 15.  
 Well pump. J. E. Hall. 2,138,002; Nov. 29.  
 Well pump. D. W. Hoferer. 2,135,076; Nov. 1.  
 Well pump. F. C. Kniss and R. N. Vickers. 2,105,975; Jan. 18.  
 Well pump. H. A. Schmidt. 2,131,822; Oct. 4.  
 Well pump, Deep. C. R. McDaniel. 2,141,957; Dec. 27.  
 Well pump, Deep. J. Paul. 2,121,927; June 28.  
 Well pump, Deep. A. J. and K. T. Penick. 2,130,598; Sept. 20.  
 Well pumping apparatus. A. N. Porter. 2,107,498; Feb. 8.  
 Well pumping device. W. J. Gourley and F. H. Barney. 2,118,377; May 24.  
 Well pumping equipment. W. J. Gourley and F. H. Barney and E. E. Goehring. 2,128,528; Aug. 30.  
 Well reamer. T. M. Pyle. 2,107,547; Feb. 8.  
 Well reamer, Rotary. W. A. Abegg. 2,134,095; Oct. 25.  
 Well screen. G. W. Darst. 2,118,171; May 24.  
 Well screen. G. W. McFarlane. 2,115,205; Apr. 26.  
 Well screen. J. O. Tow. 2,111,680; Mar. 22.  
 Well screen. A. W. Utt. 2,139,975; Dec. 13.  
 Well shooting apparatus. W. F. Hall and G. A. Lowrey. 2,120,464; June 14.  
 Well structure, Metallic. F. Griebisch. 2,108,885; Feb. 22.  
 Well surveying device. W. E. Winn. 2,134,808; Nov. 1.  
 Well surveying instrument. C. R. Nichols. 2,124,892; July 26.  
 Well tester. E. H. Cox. 2,124,766; July 26.  
 Well testing apparatus. L. H. Hayward. 2,109,745; Mar. 1.  
 Well testing device. T. N. Smith. 2,128,716; Aug. 30.  
 Well tool. W. C. Erwin and C. H. Sweet. 2,133,383; Oct. 18.  
 Well treating fluid. L. C. Morgan. 2,128,160-1; Aug. 23.  
 Well tubing catcher. S. A. Guiberson III. 2,135,253; Nov. 1.  
 Well washer. J. Johnson. 2,136,881; Nov. 15.  
 Wells, Acid treatment of. C. E. Clason. 2,122,452; July 5.  
 Wells, Acidizing. P. L. Menaull. 2,122,483; July 5.  
 Wells, Apparatus for cementing. C. O. McDowell. 2,117,898; May 17.  
 Wells, Apparatus for drilling. C. B. Patton. 2,133,564; Oct. 18.  
 Wells, Apparatus for pumping. F. E. Scheider and J. C. Hinkle. 2,118,539; May 24.  
 Wells, Apparatus for shooting. O. C. Mays. 2,108,174; Feb. 15.  
 Wells, Apparatus for testing. D. Hanes. 2,125,159; July 26.  
 Wells, Completing. C. C. Brown. 2,114,521; Apr. 19.  
 Wells, Drilling. R. Cross and W. M. Cross, Jr. 2,129,913; Sept. 13.  
 Wells, Drilling. O. B. Goldman. 2,126,189; Aug. 9.  
 Wells, Drilling and sealing oil. W. E. Nolan. 2,110,236; Mar. 8.  
 Wells, Facilitating production of. J. J. Grebe. 2,127,662; Aug. 23.  
 Wells, Flowing of. J. D. Nixon. 2,132,081; Oct. 4.  
 Wells, Method and apparatus for cleaning. R. R. Hawkins. 2,120,132; June 7.  
 Wells, Method and apparatus for testing. A. L. Armentrout and E. B. Hall. 2,138,057; Nov. 29.  
 Wells, Method of washing. R. G. Cullen. 2,104,294; Jan. 4.  
 Wells, Treating. F. Bresler. 2,140,183; Dec. 13.  
 Wells, Treating. J. J. Grebe. 2,118,669; May 24.  
 Wells, Treating. A. G. Loomis, H. T. Byck, and J. F. Fidiham, Jr. 2,124,530; July 28.  
 Wells, Treatment of. F. A. Denker. 2,125,429; Aug. 2.  
 Wells, Treatment of. H. T. Kennedy and B. B. Wescott. 2,104,488; Jan. 4.  
 Wells under pressure, Method of and apparatus for completing. C. B. Grant. 2,127,728; Aug. 23.  
 Welt, Finishing. H. W. Buhler. 2,107,467; Feb. 8.  
 Welt guide. K. Engel. 2,115,907; May 3.  
 Welt hold-down for sole attaching machines. C. H. Pepin. 2,130,366; Sept. 20.  
 Welt holding mechanism. W. C. Card, Jr. 2,131,370; Sept. 27.  
 Welt, Leather. W. Brown. 2,140,047; Dec. 13.  
 Weltling and article having such weltling incorporated therein, Ornamental. R. W. Hale. 2,108,061; Feb. 15.  
 Weltling and making same. Goodyear. W. Brown. 2,138,396; Nov. 29.  
 Weltling and shoemaking therewith. W. C. Vizard. 2,119,801; June 7.  
 Weltling, Making. J. B. Hadaway. 2,139,746; Dec. 13.  
 Welts, Making. E. J. Rogers. 2,117,824; May 17.  
 Wetting agent with mildew-proofing properties. L. B. Arnold, Jr. 2,110,074; Mar. 1.  
 Wetting agents. B. R. Harris. Re. 20,636; Jan. 25.  
 Wetting agents useful for alkaline mercerizing solution. F. Münz. 2,116,583; May 10.  
 Wetting and dispersing agents and making the same. H. Bertsch and H. Stober. 2,104,728; Jan. 11.  
 Wetting, cleaning, bleaching, foaming and dispersive agents for textile purposes and the like and application of the same. M. D. Rozenbroek. 2,140,882; Dec. 20.  
 Wetting, cleansing, and emulsifying agent. F. Günther. 2,130,668; Sept. 20.  
 Wetting, emulsifying, dispersing, or cleansing agents and products obtained by this process, Preparation of. A. Butignot. 2,107,197; Feb. 1.  
 Wharve for spindles for spinning, twisting, winding, and similar machines. C. Schleifer. 2,105,271; Jan. 11.  
 Wheel: See—  
 Abrasive wheel. Paddle wheel.  
 Artillery wheel. Pneumatic polishing wheel.  
 Automobile spring wheel. Polishing wheel.  
 Automobile wheel. Railway car wheel.  
 Balance wheel. Sanding wheel.  
 Buffing or polishing wheel. Segmental pulp wheel.  
 Buffing wheel. Skate wheel.  
 Car wheel. Spinning wheel.  
 Caster wheel. Spring wheel.  
 Centrifugal blower wheel. Steerable tail wheel.  
 Collapsible wheel. Steering wheel.  
 Composite abrasive wheel. Tractor wheel.  
 Cushion wheel. Truck wheel.  
 Cutting off wheel. Type wheel.  
 Edge buffing wheel. Wind wheel.  
 Fifth wheel. Vacuum wheel.  
 Grinding wheel. Vehicle traction wheel.  
 Metal wheel. Vehicle wheel.  
 Model tire wheel.  
 Wheel. F. W. Burger. 2,106,270; Jan. 25.  
 Wheel. H. E. Doerr. 2,110,357; Mar. 8.  
 Wheel. F. C. Frank. 2,105,317; Jan. 11.  
 Wheel. F. C. Frank. 2,121,146; June 21.  
 Wheel. F. C. Frank. 2,124,773; July 26.  
 Wheel. F. C. Frank. 2,130,881; Sept. 20.  
 Wheel. C. W. Gannett. 2,110,126; Mar. 8.  
 Wheel. E. G. Hallquist. 2,106,566; Jan. 25.  
 Wheel. H. J. Horn. 2,111,779; Mar. 22.  
 Wheel. J. Nation. 2,125,802; Aug. 2.  
 Wheel. E. H. Piron. 2,138,506; Nov. 29.  
 Wheel. H. L. Rose. 2,140,168; Dec. 13.  
 Wheel. C. W. Sinclair. 2,115,182-3; Apr. 26.  
 Wheel. C. W. Sinclair. 2,120,631; June 14.  
 Wheel. J. Tjaarda. 2,133,597; Oct. 18.  
 Wheel. A. S. Van Halteren. 2,130,207; Sept. 13.  
 Wheel. O. U. Zerk. 2,123,129; July 5.  
 Wheel aligning apparatus. M. Miller. 2,133,827; Oct. 18.  
 Wheel aligning apparatus, Vehicle. G. H. Taber. 2,114,481; Apr. 19.  
 Wheel alignment apparatus. R. M. Greenleaf and P. C. Palmer. 2,137,485; Nov. 22.  
 Wheel and axle assembly. P. E. Moore. 2,112,859; Apr. 5.  
 Wheel and axle assembly and producing same. O. J. Horger. 2,123,831; July 12.



- Wheel and brake assembly, Rear axle. C. Sauzedde. 2,134,007; Oct. 25.
- Wheel and impeller, Blower. M. I. Levy and A. Bennekamper. 2,115,367; Apr. 26.
- Wheel and making same, Buffing. R. A. Goodman. 2,104,925; Jan. 11.
- Wheel and making the same, Abrasive. A. G. Scutt and A. L. Ball. 2,117,513; May 17.
- Wheel and making the same, Mine car. C. M. Steele. 2,110,455; Mar. 8.
- Wheel and making the same, Nonmetallic gear. A. C. Hoof. 2,111,590; Mar. 22.
- Wheel and making the same, Segmental abrasive. A. L. Ball and R. C. Benner. 2,119,412; May 31.
- Wheel and mount therefor, Abrasive. H. S. Indge. 2,110,086; Mar. 1.
- Wheel and mounting, Abrasive. E. Van der Pyl. 2,128,213; Aug. 23.
- Wheel and spring suspension, Vehicle. J. Tjaarda. 2,105,171; Jan. 11.
- Wheel and the like for aircraft, Tail. G. H. Dowty. 2,132,682; Oct. 11.
- Wheel and tire cover, Spare. O. U. Zerk. 2,106,580; Jan. 25.
- Wheel and using same, Abrasive. D. E. and W. S. Mulholland. 2,115,209; Apr. 26.
- Wheel arm joint. J. W. Leighton. 2,123,086; July 5.
- Wheel arm joint. J. W. Leighton. 2,123,088; July 5.
- Wheel arrangement for streamline vehicles. S. S. Massey. 2,111,983; Mar. 22.
- Wheel assembly. J. E. Blank. 2,113,541; Apr. 5.
- Wheel assembly. C. F. Hirschfeld. 2,124,350; July 19.
- Wheel assembly. B. M. Short. 2,108,145; Feb. 15.
- Wheel assembly, Dual. J. F. Higbee. 2,132,029; Oct. 4.
- Wheel assembly, Spare. A. P. Fergusson. 2,109,665; Mar. 1.
- Wheel assembly, Trailer. M. E. Dayton. 2,109,311; Feb. 22.
- Wheel attachment. C. M. Baxter. 2,109,098; Feb. 22.
- Wheel attachment, Traction. J. F. Langer. 2,141,214; Dec. 27.
- Wheel axle structure, Motor vehicle drive steering. A. W. Herrington. 2,107,073; Feb. 1.
- Wheel balance tester, Static and dynamic. C. C. Bennett. 2,127,950; Aug. 23.
- Wheel balancer. J. W. Hume. 2,122,064; June 28.
- Wheel balancer—dynamic-type. C. C. Bennett. 2,134,500; Oct. 25.
- Wheel balancing fixture. D. B. Webster. 2,120,925; June 14.
- Wheel balancing mechanism. H. Wochner. 2,117,073; May 10.
- Wheel balancing unit. J. W. Hume. 2,122,065; June 28.
- Wheel banking apparatus, Vehicle front. M. Eckenrode. 2,115,256; Apr. 26.
- Wheel cleaning and dust allaying device. D. C. Mulvihill. 2,129,019; Sept. 6.
- Wheel construction. C. S. Ash. 2,107,925; Feb. 8.
- Wheel construction. C. S. Ash. 2,113,694; May 24.
- Wheel construction. G. A. Lyon. 2,135,758; Nov. 8.
- Wheel construction. T. A. Peterman. 2,124,469; July 19.
- Wheel construction for trailers, Fifth. C. E. Bradshaw. 2,129,989; Sept. 13.
- Wheel construction, Steering. E. G. Von Gunten. 2,141,832; Dec. 27.
- Wheel construction, Vehicle. C. W. Sinclair. Re. 20,655; Feb. 15.
- Wheel device. A. Bloch. 2,123,707; July 12.
- Wheel disk construction. G. A. Lyon. 2,135,757; Nov. 8.
- Wheel dresser, Grinding. H. W. Kropf. 2,137,690; Nov. 22.
- Wheel dressing unit, Grinding. J. W. Parker. 2,127,614; Aug. 23.
- Wheel feed, Hydraulic. A. G. Belden and R. A. Cole. 2,113,367; Apr. 5.
- Wheel feeding mechanism. W. H. Wood. 2,133,006; Oct. 11.
- Wheel for automobiles, Safety. W. J. Bailey. 2,126,083; Aug. 9.
- Wheel for knitting machines, Movable design. H. S. Horrecks and W. D. Gorman. 2,140,078; Dec. 13.
- Wheel for roller skates. C. Vogt. 2,136,531; Nov. 15.
- Wheel for tractors, Motor vehicle. H. Hürlimann. 2,125,786; Aug. 2.
- Wheel, Forming a. F. H. Le Jeune. 2,107,950; Feb. 8.
- Wheel, Handgrip, Auto steering. E. Van Arsdell. 2,118,540; May 24.
- Wheel, Making a composite abrasive. B. Sanford. 2,137,986; Nov. 22.
- Wheel-making machine. G. A. Johnson. 2,136,619; Nov. 15.
- Wheel mechanism, Aircraft. J. M. Gwinn, Jr. 2,114,839; Apr. 19.
- Wheel, Method of and apparatus for balancing a grinding. A. B. Holmstrom and O. Wahlberg. 2,128,673; Aug. 30.
- Wheel mounting. A. Dubonnet. 2,136,586; Nov. 15.
- Wheel mounting. H. A. Miller. 2,114,452; Apr. 19.
- Wheel mounting. C. G. Strandlund. 2,111,821; Mar. 22.
- Wheel mounting, Steering. C. Schroeder. 2,110,425; Mar. 8.
- Wheel of road vehicles, Steering. H. R. Hawthorn. 2,127,171; Aug. 16.
- Wheel or rim. A. W. Woodward. 2,105,820; Jan. 18.
- Wheel ornamental disc. G. A. Lyon. 2,124,789; July 26.
- Wheel reciprocating mechanism, Grinding. H. S. Indge. 2,128,875; Aug. 30.
- Wheel roller bearing unit, Locomotive driving. A. H. Oelkers. 2,131,013; Sept. 20.
- Wheel securing device. T. C. McVeagh. 2,140,329; Dec. 13.
- Wheel springing system for motor driven vehicles, Independent front. J. F. Soper. 2,119,755; June 7.
- Wheel, Steering. C. W. Beck. Re. 20,807; July 26.
- Wheel structure. R. H. Beckman and J. H. Ploehn. 2,129,807; Sept. 13.
- Wheel structure. F. Weinberg. 2,115,092; Apr. 26.
- Wheel structure, Tail. R. W. Ayer. 2,110,543; Mar. 8.
- Wheel supporting means. K. Rabe. 2,132,759; Oct. 11.
- Wheel suspension. B. Martins. 2,125,511-12; Aug. 2.
- Wheel suspension. B. Martins. 2,127,609; Aug. 23.
- Wheel suspension. G. L. McCain. 2,115,915; May 3.
- Wheel suspension. C. L. Stevens. 2,139,178; Dec. 6.
- Wheel suspension. J. B. Taffe. 2,110,583; Mar. 8.
- Wheel suspension device for automobiles. S. Jencick. 2,131,476; Sept. 27.
- Wheel suspension for automobiles. O. Siebler. 2,122,961; July 5.
- Wheel suspension for motor vehicles. J. W. Leighton. 2,105,541; Jan. 18.
- Wheel suspension for motor vehicles. L. J. Maietta. 2,114,656; Apr. 19.
- Wheel suspension, Front. C. S. Simmonds. 2,135,152; Nov. 1.
- Wheel suspension, Independent. F. E. Clemons. 2,104,736; Jan. 11.
- Wheel suspension, Independent. J. W. Leighton. 2,121,806-7; June 28.
- Wheel suspension, Independent. J. W. Leighton. 2,141,215; Dec. 27.
- Wheel suspension, Individual. J. W. Leighton. 2,123,087; July 5.
- Wheel suspension, Motor vehicle. M. Poirier. 2,114,937; Apr. 19.
- Wheel suspension, Rear. M. Poirier. 2,110,819; Mar. 8.
- Wheel suspension, Vehicle. F. W. Slack. 2,115,919; May 3.
- Wheel suspensions. W. D. Allison. 2,106,291; Jan. 25.
- Wheel tool. F. A. Nelson. 2,113,408; Apr. 5.
- Wheel truing device, Grinding. H. H. Asbridge. 2,130,711; Sept. 20.
- Wheel turning device, Steering. J. Sinko. 2,118,573; May 24.
- Wheel turning gauge. G. M. Graham. 2,115,766; May 3.
- Wheel, Vehicle. J. H. Hunt and H. J. Horn. Re. 20,750; June 7.
- Wheel with vertical axis, Water. A. G. Grondahl. 2,112,889; Apr. 5.
- Wheeled attachment for motor vehicles. E. T. Price. 2,137,699; Nov. 22.
- Wheeled structure, Compensating. W. F. Herold. Re. 20,884; Oct. 18.
- Wheeled supporting means for heavy machines. B. H. Flynn. 2,106,090; Jan. 18.
- Wheeled vehicle. M. H. Tuft. 2,106,923; Feb. 1.
- Wheeled vehicle. M. H. Tuft. 2,123,456; July 12.
- Wheels and the like, Apparatus for forging and forming steel disk. C. S. Swanson. 2,116,805; May 10.
- Wheels, Forming. C. W. Sinclair. 2,120,632-3; June 14.
- Wheels, Making. R. T. Bell. 2,125,866; Aug. 9.
- Wheels, Manufacturing. J. Brunner. 2,129,671; Sept. 13.
- Wheels, Manufacturing. S. N. Johnson. 2,133,144; Oct. 11.
- Wheels, Manufacturing vehicle. S. N. Johnson. 2,121,199; June 21.
- Wheels, Shaping the operative surfaces of grinding. A. Scrivener. 2,135,202; Nov. 1.
- Wheels, Springing of. K. Rabe. 2,130,431; Sept. 20.
- Wheels used for form grinding, Dressing grinding. H. H. Harley and J. Yorston. 2,134,607; Oct. 25.
- Whey, Drying. G. H. Kraft. 2,118,252; May 24.
- Whip, Producing. E. P. Sadler. 2,136,654; Sept. 20.
- Whipstock. C. C. Cutrer and J. L. Broussard. 2,105,721; Jan. 18.
- Whipstock. P. F. Matlock. 2,134,287; Oct. 25.
- Whipstock. O. B. Trotter. 2,108,419; Feb. 15.
- Whipstock, Quick action. C. L. Walker. 2,132,061; Oct. 4.
- Whip stock removing device. G. L. Kothny. 2,107,420; Feb. 8.
- Whipstocks in wells, Setting. M. A. Lottinger. 2,136,748; Nov. 15.
- Whiskey, Apparatus for aging. J. P. Spang. 2,118,120; May 24.
- Whiskey, Aging. T. T. Miller. 2,108,317; Feb. 15.
- Whisky aging apparatus. L. L. Jones and F. Mortellaro. 2,105,693; Jan. 18.
- Whistle. T. F. Butterfield. 2,113,396; Apr. 5.
- Whistle. F. Fortuna. 2,133,440; Oct. 18.
- Whistle and control means therefor. Atr. G. F. Schumacher. 2,123,664; July 12.
- Whizzer separator and mill. R. F. O'Mara. 2,108,609; Feb. 15.
- Wick and holder, Burner. D. Lumsden. 2,119,820; June 8.
- Wick for liquid fuel burners. N. E. Heil. 2,121,293; June 21.
- Wick for liquid fuel burners. N. E. Heil. 2,133,450; Oct. 18.



- Wick for oil burners. C. G. Fredrickson. 2,128,356; Aug. 30.
- Wick for oil burners and the like, Woven. G. Walters. 2,134,424; Oct. 25.
- Wicket, Barrier. J. Soderholm. 2,105,204; Jan. 11.
- Wicket gate. J. S. Carpenter. 2,117,940; May 17.
- Winch. J. A. Largaud. 2,122,575; July 5.
- Windmill. L. C. Algee. 2,137,559; Nov. 22.
- Windmill. C. J. Clark. 2,107,690; Feb. 8.
- Windmill. C. O. Litton. 2,114,003; Apr. 12.
- Windmill. M. Massoni. 2,136,357; Nov. 15.
- Windmill. C. J. Schenk. 2,107,219; Feb. 1.
- Windmill. M. Shenk. 2,119,142; May 31.
- Windmill. C. R. Wrobbel. 2,117,753; May 17.
- Windmill, Self-governing. H. C. Hood. 2,118,201; May 24.
- Wind motor. D. Domenico. 2,115,486; Apr. 26.
- Wind pressure indicator. F. J. Reuter. 2,113,528; Apr. 5.
- Windshield. M. A. Defibaugh. 2,119,423; May 31.
- Windshield. W. H. Foster. 2,122,566; July 5.
- Windshield and hatch, Aircraft. I. M. Laddon. 2,108,289; Feb. 15.
- Windshield cleaner. E. C. Horton. 2,121,233; June 21.
- Windshield cleaner. E. C. Horton. 2,122,797; July 5.
- Windshield cleaner. E. C. Horton. 2,126,637; Aug. 9.
- Windshield cleaner. E. C. Horton. 2,129,619-20; Sept. 6.
- Windshield cleaner. E. C. Horton. 2,142,054; Dec. 27.
- Windshield cleaner. A. Rapp. 2,134,954; Nov. 1.
- Windshield cleaner. G. B. Sayre. 2,137,628; Nov. 22.
- Windshield cleaner. T. J. Scofield. 2,121,266; June 21.
- Windshield cleaner. G. R. Wernert and J. F. Gagnaire. 2,129,542; Sept. 6.
- Windshield cleaner motor. T. J. Scofield. 2,138,212; Nov. 29.
- Windshield cleaner motor. W. Sparks, T. J. Scofield, and A. B. Winchell. 2,119,696; June 7.
- Windshield cleaning apparatus. J. S. Dismukes. 2,114,558; Apr. 19.
- Windshield clearing system. E. C. Horton. 2,142,056; Dec. 27.
- Windshield construction. H. G. Kellogg. 2,122,321; June 28.
- Windshield lifting device. C. H. H. Rodanet. 2,135,951; Nov. 8.
- Windshield operating device. A. T. Potter. 2,109,256-7; Feb. 22.
- Windshield, Side. A. C. Lillie. 2,128,951; Sept. 6.
- Windshield wiping device. R. A. Rodrick. 2,127,142; Aug. 16.
- Wind wheel. R. K. Hartley. 2,139,954; Dec. 13.
- Wind wheel brake. J. C. McColly. 2,112,900; Apr. 5.
- Winding apparatus. F. V. Johnson and D. C. Robson. 2,141,395; Dec. 27.
- Winding, coning, and the like. M. Siegel. 2,122,993; July 5.
- Winding device. K. M. Coburn. 2,133,281; Oct. 18.
- Winding device for winding machines. W. Siegenthaler. 2,131,148; Sept. 27.
- Winding device, Electromechanical. R. Fouques and J. Lenfant. 2,118,790; May 24.
- Winding machine. E. J. Abbott. 2,129,660; Sept. 13.
- Winding machine. E. R. Dunklee. 2,129,411; Sept. 6.
- Winding machine. F. Klein. 2,125,927; Aug. 9.
- Winding machine. E. F. Parks. 2,116,409-10; May 3.
- Winding machine. G. W. Scott. 2,119,445; May 31.
- Winding machine. E. R. Swanson. 2,124,498; July 19.
- Winding process for filaments of artificial origin. K. Schmidt. 2,107,996; Feb. 8.
- Window. C. E. Eastman. 2,128,405; Aug. 30.
- Window. W. W. Hartmann. 2,120,359; June 14.
- Window. W. C. Jones and G. Sies. 2,137,053; Nov. 15.
- Window. S. Prifti. 2,107,711; Feb. 8.
- Window. J. L. Soderberg. 2,106,308; Jan. 25.
- Window. A. C. Thompson. 2,137,425; Nov. 22.
- Window. J. J. Waitekaies. 2,140,890; Dec. 20.
- Window adjustment lock. C. E. Shattuck. 2,114,910; Apr. 19.
- Window and door lock, Casement. H. H. Kistner. 2,107,056; Feb. 1.
- Window and its associated shade. A. C. Thompson. 2,107,432; Feb. 8.
- Window and sash construction. O. M. Edwards. 2,130,297; Sept. 13.
- Window and stay therefor, Metal. V. G. Crittall and W. C. Bywater. 2,113,877; Apr. 12.
- Window arrangement. R. L. Carr. 2,138,838; Dec. 6.
- Window assembly. W. D. Bayley. 2,137,438-9; Nov. 22.
- Window assembly for automotive vehicles. H. E. Van Voorhees. 2,121,577; June 21.
- Window attachment. A. T. Wilson. 2,113,753; Apr. 12.
- Window, Avning type. T. I. Moseley. 2,109,973; Mar. 1.
- Window, Avning type. E. F. Wiley. Re. 20,878; Oct. 4.
- Window channel. A. Rydquist. Re. 20,911; Nov. 8.
- Window channel. C. P. Schlegel. Re. 20,904; Nov. 1.
- Window channel or the like. P. C. Hagberg. 2,105,784; Jan. 18.
- Window cleaner. H. L. Sowers. 2,109,626; Mar. 1.
- Window cleaning device. A. R. Freda. 2,104,615; Jan. 4.
- Window cleaning device. H. Jaackel. 2,118,009; May 17.
- Window construction. R. T. Axe. 2,107,775; Feb. 8.
- Window construction. R. T. Axe. 2,114,896; Apr. 19.
- Window construction. R. S. Blair. 2,122,553; July 5.
- Window construction. J. Brent. 2,118,339; May 24.
- Window construction. E. M. Buchach. 2,119,199; May 31.
- Window construction. O. C. Caldwell. 2,116,615; May 10.
- Window construction. E. F. Chaffee. 2,109,660; Mar. 1.
- Window construction. P. Delich. 2,116,781; May 10.
- Window construction. E. De Nicolais. 2,115,139; Apr. 26.
- Window construction. W. E. Dennis. 2,126,177; Aug. 9.
- Window construction. O. M. Edwards. 2,138,374; Nov. 29.
- Window construction. O. M. Edwards and R. B. Nelson. 2,116,754; May 10.
- Window construction. M. F. Gagnier. 2,126,381; Aug. 9.
- Window construction. J. F. Gutmann. 2,115,261; Apr. 26.
- Window construction. A. H. Haberstump. 2,129,578; Sept. 6.
- Window construction. T. W. Holt and J. F. Levan. 2,108,000; Feb. 8.
- Window construction. T. W. Holt and J. F. Levan. 2,133,816; Dec. 6.
- Window construction. C. M. Keevill. 2,118,204; May 24.
- Window construction. W. L. Kraemer. 2,116,868; May 10.
- Window construction. W. F. Lagemann. 2,123,632; July 12.
- Window construction. J. M. Meck. 2,104,389; Jan. 4.
- Window construction. E. Peremi and L. Toth. 2,111,224; Mar. 15.
- Window construction. F. B. Rose. 2,121,714; June 21.
- Window construction. W. P. Strong and D. E. Austin. 2,113,665; Apr. 12.
- Window construction. A. C. Thompson. 2,137,426; Nov. 22.
- Window construction. C. M. Verhagen. 2,122,666; July 5.
- Window construction and installing the same. B. J. Triller. 2,138,312; Nov. 29.
- Window construction and regulator for same. A. W. Susor. 2,122,963; July 5.
- Window construction, Double. W. Owen. 2,106,900; Feb. 1.
- Window construction, Double. W. Owen. 2,125,397; Aug. 2.
- Window construction for vehicle bodies. T. P. Lohrman. 2,114,538; Apr. 19.
- Window construction for vehicles. J. F. Gutmann. 2,115,262; Apr. 26.
- Window construction, Rotatable. O. M. Edwards. 2,136,289; Nov. 8.
- Window control mechanism, Vehicle. J. P. Lavigne. 2,124,037; July 19.
- Window, Detention. W. D. Bayley. 2,137,437; Nov. 22.
- Window display. T. Rosenak. 2,120,472; June 14.
- Window display device. L. G. Simjian. 2,122,496; July 5.
- Window, Double slide. J. Takach. 2,107,192; Feb. 1.
- Window element and locking means. R. W. Banks. 2,140,413; Dec. 13.
- Window fastener. E. Carter. 2,127,992; Aug. 23.
- Window fastener. H. J. Jackson. 2,112,909; Apr. 5.
- Window fixture. G. E. Alphin. 2,108,420; Jan. 25.
- Window fixture, Sliding. A. F. Nye. 2,131,521; Sept. 27.
- Window, Folding. H. G. and L. T. Huckstep. 2,137,290; Nov. 22.
- Window for barns, Ventilating. H. J. Ferris. 2,112,280; Mar. 29.
- Window frame and sash construction. H. E. Campbell. 2,113,959; Apr. 12.
- Window frame and sash unit. R. T. Axe. 2,107,773; Feb. 8.
- Window frame construction. H. M. Woelfel. 2,128,870; Aug. 30.
- Window frame fastening means. H. W. Cook. 2,113,292; Apr. 5.
- Window frame, Knock-down. O. M. Edwards. 2,131,099; Sept. 27.
- Window frame, Metallic. J. Luethke. 2,122,151; June 28.
- Window frame putty groove cleaning device. M. Tomarin. 2,140,120; Dec. 13.
- Window frame structure and forming the same, Sheet metal. E. F. Chaffee and J. R. Anderson. 2,136,273; Nov. 8.
- Window framing. H. J. Sharp. 2,135,680; Nov. 8.
- Window glass, Device for raising and lowering automobile. J. H. Hanley. 2,115,642; Apr. 26.
- Window, House. J. L. Mohun. 2,125,543; Oct. 11.
- Window including inwardly swinging sash. J. J. Leary. 2,121,805; June 28.
- Window, Insulating. P. F. Bowman. 2,123,093; July 5.
- Window jack. L. A. Duncan. 2,116,427; May 3.
- Window latch. F. Mellebrand. 2,104,134; Jan. 4.
- Window lock. D. L. Chandler. 2,125,543; Aug. 2.
- Window lock. L. Dzakalo. 2,106,116; Jan. 18.
- Window lock. J. S. Gulborg. 2,117,316; May 17.
- Window lock. W. F. and L. C. Hinderer. 2,107,479; Feb. 8.
- Window lock. F. E. Pavelka. 2,110,940; Mar. 15.
- Window lock, Automatic. F. Berghoff. 2,137,937; Nov. 22.
- Window mechanism, Ventilating. J. H. Roethel. 2,120,115; June 7.
- Window, Metal. C. D. Pilant. 2,112,634; Mar. 29.



- Window, Metal double hung. K. F. Jorss. 2,120,614; June 14.
- Window, Multiple paned. F. W. Daemicke. 2,113,613; Apr. 12.
- Window, Nonreflecting. J. J. Hopfield. 2,131,875; Oct. 4.
- Window operating and door locking mechanism. T. McG. Aiken. 2,105,830; Jan. 18.
- Window operating and locking mechanism. W. H. van Benschoten. 2,114,645; Apr. 19.
- Window operating device. J. E. Auld. 2,106,369; Jan. 25.
- Window operating device, Pneumatic. M. Dinco, E. and C. S. Komjathy. 2,131,618; Sept. 27.
- Window operating means, Casement. H. E. Campbell. 2,106,081; Jan. 18.
- Window operator and lock, Combined. J. B. Flynn. 2,138,539; Nov. 29.
- Window operator, Casement. F. C. Garrison. 2,119,048; May 31.
- Window operator, Casement. H. J. Hendrick. 2,128,483; Aug. 30.
- Window or sash, Revolvable. N. A. Schneider. 2,114,504; Apr. 19.
- Windowpane and making same. J. Bailey and A. K. Lyle. 2,121,777; June 28.
- Windowpanes, Drawing double walled. G. Aurlen. 2,116,297; May 3.
- Window regulator. W. J. Hall. 2,124,696; July 26.
- Window regulator. E. Page. 2,114,235; Apr. 12.
- Window regulator and door latch operator, Combined. H. W. Rightmyer. 2,122,661; July 5.
- Window regulator mechanism. S. W. Nicholson. 2,135,196; Nov. 1.
- Window releasing means, Hydraulic. F. J. Townsend. 2,112,431; Mar. 29.
- Window sash fastener. J. A. Riccelli. 2,120,788; June 14.
- Window sash lock, Automobile. D. L. Chandler. 2,133,426; Oct. 18.
- Window sash mechanism, Automobile. D. L. Chandler. 2,122,605; July 5.
- Window screen. H. I. Fogelberg. 2,116,261; May 3.
- Window screen. A. Lang. 2,128,489; Aug. 30.
- Window screen. W. H. Maynard. 2,121,174; June 21.
- Window screen, Extensible. O. A. Peters and W. H. Maynard. 2,113,310; Apr. 5.
- Window screening device, Automatically operating. F. Kushner. 2,122,690; July 5.
- Window seat. H. Green. 2,109,313; Feb. 22.
- Window shade bracket. F. C. Jenkins. 2,131,399; Sept. 27.
- Window, Show. P. Schlumbohm. 2,109,737; Mar. 1.
- Window silencer, Vehicle. W. E. Froeliger. 2,132,104; Oct. 4.
- Window, Solar. J. M. Thorp. 2,124,240; July 19.
- Window, Sound excluding ventilating. E. T. Fisk. 2,125,669; Aug. 2.
- Window, Storm. E. E. Benson. 2,107,929; Feb. 8.
- Window structure. T. A. Ferri. 2,131,251; Sept. 27.
- Window structure. F. G. Ludwig. 2,106,251; Jan. 25.
- Window structure. A. J. Rogers. 2,122,182; June 28.
- Window structure, Car. S. E. Blessin. 2,105,180; Jan. 11.
- Window structure for vehicles. R. T. Axe. 2,115,698; May 3.
- Window, Vehicle ventilating. D. B. Lee. 2,124,922; July 26.
- Window, Ventilating. A. P. Ball. 2,110,121; Mar. 8.
- Window, Ventilating. J. G. Hickman. 2,109,249; Feb. 22.
- Window, Ventilating. W. Marshall. 2,110,337; Mar. 8.
- Window ventilating construction, Quarter. H. W. Mackey. 2,109,924; Mar. 1.
- Windows and the like, Automatic means for operating casement. R. W. Carnahan. 2,136,812; Nov. 15.
- Windows and the like, Mechanism for opening and closing hinged. J. Fox-Williams. 2,119,911; June 7.
- Windrowing machine. S. A. Thornton. 2,133,217; Oct. 11.
- Wind-up for wire cloth loom. H. L. Thompson. 2,125,824; Aug. 2.
- Wine-cooling apparatus. W. W. Williamson. 2,120,305; June 14.
- Wing flap. R. C. Blaylock, F. P. Bassett, E. R. Child, and R. R. Osborn. 2,137,382; Nov. 22.
- Wing for aircraft. H. C. A. Potez. 2,133,668; Oct. 18.
- Wing for aircraft, Autorotative. J. de la Cleva. 2,135,700; Nov. 8.
- Wing for aircraft, Auxiliary. W. Blume. 2,138,952; Dec. 6.
- Wing for aircraft, Variable camber. R. H. Burgess. 2,125,064; July 20.
- Wing for airplanes, Variable incidence. C. Smith. 2,118,987; May 31.
- Wing structure. G. M. Bellanca. 2,111,274; Mar. 15.
- Wing system, Rotative. S. P. Vaughn. 2,115,754; May 3.
- Wing turbine unit. A. Bauer. 2,111,136; Mar. 15.
- Wings, surfaces, and fuselages for aircraft, Construction of. G. E. Petty. 2,136,265; Nov. 8.
- Wiper. D. C. Abdelnour. Re. 20,813; Aug. 2.
- Wiper arm, Windshield. J. W. Anderson. 2,128,068; Aug. 23.
- Wiper blade construction, Windshield. J. E. Cullen. 2,128,454; Aug. 30.
- Wiper blade, Windshield. H. H. Grece. 2,107,567; Feb. 8.
- Wiper blade, Windshield. T. R. Walton. 2,105,021; Jan. 11.
- Wiper blade, Windshield. L. Zaiger. 2,120,587; June 14.
- Wiper, Film. C. S. Bassin. 2,139,537; Dec. 6.
- Wiper, Foam. H. G. and H. J. Richter. 2,107,876; Feb. 8.
- Wiper, Heated vehicle windshield. F. W. Lamb. 2,119,587; June 7.
- Wiper mechanism, Windshield. F. Kritz. 2,129,942; Sept. 13.
- Wiper, Mouthpiece. H. T. Sundstrom. 2,135,683; Nov. 8.
- Wiper, Oil gauge rod. E. O. Likens. 2,113,235; Apr. 5.
- Wiper, Oil gauge rod. P. J. Shough. 2,134,806; Nov. 1.
- Wiper operating means, Windshield. W. L. Hoburg, R. L. McCandless, and E. A. Berry. 2,112,196; Mar. 22.
- Wiper tension arm, Windshield. C. L. Sprankle. 2,120,945; June 14.
- Wiper, Windshield. E. C. Horton. 2,140,453; Dec. 13.
- Wiper, Windshield. C. E. Kingsley. 2,130,957; Sept. 20.
- Wiper, Windshield. L. W. Waters. 2,131,341; Sept. 27.
- Wipers, Attachment for windshield. M. L. Ryan. 2,141,023; Dec. 20.
- Wiping device for rolling mill rolls. P. H. Long. 2,107,541; Feb. 8.
- Wire and making same, Tire. F. C. Elder. 2,135,886; Nov. 8.
- Wire article. J. Lapinskas. 2,121,403; June 21.
- Wire, Baling. R. D. Buckwalter. 2,136,732; Nov. 15.
- Wire bending and securing device. J. B. Dempsey. 2,138,026; Nov. 29.
- Wire bending machine. H. R. Geer. 2,116,169; May 3.
- Wire, Bowden. W. W. Lasker. 2,107,184; Feb. 1.
- Wire bunches, Machine for producing coiled. G. L. Mason. 2,121,527; June 21.
- Wire bundling machine. H. W. Hill. 2,123,895; July 19.
- Wire clamping device. M. T. Tipsord. 2,120,447; June 14.
- Wire, Coded. A. T. Candy, Jr. 2,106,048; Jan. 18.
- Wire coiling and interweaving mechanism. P. F. Frost and J. C. Anderson. 2,106,454; Jan. 25.
- Wire coiling machine. A. N. Hanna. 2,113,428; Apr. 5.
- Wire coiling machine. A. M. Olgay. 2,135,729; Nov. 8.
- Wire connector. M. D. Bergan. 2,130,825; Sept. 20.
- Wire connector. M. D. Bergan. 2,134,775; Nov. 1.
- Wire connector. S. N. Buchanan. 2,117,112; May 10.
- Wire connector. L. H. Church. 2,105,182; Jan. 11.
- Wire connector. N. G. Hayes. 2,122,252; June 28.
- Wire connector. K. M. Moody. 2,110,421; Mar. 8.
- Wire connector. F. G. Ridgers. 2,105,129; Jan. 11.
- Wire connector. R. N. Rowe. 2,121,329; June 21.
- Wire connector. O. F. Tallman. 2,110,407; Mar. 8.
- Wire connector, Frictional. J. Blackburn. 2,108,957; Feb. 22.
- Wire connecting device. C. H. Klein. 2,106,007; Jan. 18.
- Wire connection cap, Electric conductor. W. A. Applegate. 2,110,458; Mar. 8.
- Wire covering for high frequency circuits. R. G. Zender. 2,120,306; June 14.
- Wire drawing apparatus. N. Elfström. 2,135,659; Nov. 8.
- Wire drawing, Apparatus for continuous. H. K. Beach. 2,126,528; Aug. 9.
- Wire-drawing machine. C. A. and H. D. Barron. 2,127,989; Aug. 23.
- Wire drawing machine. O. L. Giffin. 2,114,632; Apr. 19.
- Wire drawing machine. W. Nacken. 2,127,306; Aug. 16.
- Wire drawing machine. S. H. Richards. 2,138,327; Nov. 29.
- Wiredrawing machine, High speed. W. D. Pierson and G. W. Jackman. 2,107,799; Feb. 8.
- Wire drawing method and apparatus. W. A. Whittaker. 2,138,201; Nov. 29.
- Wire, Drawing of galvanized. F. Jenks. 2,128,677; Aug. 30.
- Wire, Electric. J. Heilmann. 2,123,778; July 12.
- Wire, Enameling. C. S. Fuller. 2,122,463; July 5.
- Wire fabric. R. J. Guba. 2,123,893; July 19.
- Wire fabric. W. E. Reed. 2,125,583; Aug. 2.
- Wire fabric. C. G. Williams. 2,121,939; June 28.
- Wire feeding means for soldering irons, Solder. G. Mancinelli. 2,119,995; June 7.
- Wire, Flexible. V. D. Davignon. 2,135,800; Nov. 8.
- Wire for carbon electrode arc welding, Welding. F. Leitner. 2,140,237; Dec. 13.
- Wire for electric arc welding, Welding. F. Leitner. 2,140,238; Dec. 13.
- Wire for electric welding. F. Leitner. 2,141,996; Dec. 27.
- Wire forming machine and method. C. C. Cruzan. 2,130,318; Sept. 13.
- Wire handling device. M. J. Hohner. 2,140,676; Dec. 20.
- Wire having a covering of fibrous material. J. L. Tucker. 2,120,270; June 14.
- Wire hinge fastener. L. M. Hille. 2,110,150; Mar. 8.
- Wire holder. G. H. Hansson. 2,140,225; Dec. 13.
- Wire holder. R. R. Pittman and C. H. Walsh. 2,139,332; Dec. 6.
- Wire holder, Sealed screw. R. R. Pittman and C. H. Walsh. 2,139,333; Dec. 6.
- Wire, Insulated. S. Ruben. 2,105,552; Jan. 18.
- Wireless and like receiver. W. H. Connell. 2,135,501; Nov. 8.



- Wireless and like receiver. F. T. Lett. 2,120,984; June 21.
- Wireless and like receiver. J. Robinson. 2,138,746; Nov. 29.
- Wireless receiving apparatus. E. S. V. Truefitt. 2,141,774; Dec. 27.
- Wireless receiving system. J. Robinson. 2,117,680; May 17.
- Wire line ends and forming same. E. E. Wherry. 2,107,810; Feb. 8.
- Wire line sling and fitting therefor. R. W. Siler. 2,130,040; Sept. 13.
- Wire, Making zinc-coated ferrous. F. M. Crapo. 2,118,758; May 24.
- Wire, Mechanism for straightening. A. Simons. 2,136,714; Nov. 15.
- Wire mesh, Making. H. E. White. 2,137,257; Nov. 22.
- Wire, Method of and apparatus for drawing. F. H. Smith and H. A. Stringfellow. 2,138,126; Nov. 29.
- Wire, Method of and apparatus for severing into lengths coiled filaments. H. Asmussen and J. Riess. 2,107,926; Feb. 8.
- Wire of a paper-making machine, Vibrating the. E. W. Smith. 2,128,269; Aug. 30.
- Wire or cable clamp, Electric. E. E. Johnson. 2,117,725; May 17.
- Wire or cable for the transmission of electrical energy, Insulated. E. D. Youmans. 2,124,993; July 26.
- Wire or strip tinning machine. C. W. Meyers. Re. 2,0673; Mar. 15.
- Wire, Pile. G. Dalkowitz. 2,112,271; Mar. 29.
- Wire products, Apparatus for making. A. F. Bradley. 2,107,745; Feb. 8.
- Wire rack. N. M. Thomas and C. A. Hennessy. 2,123,837; July 12.
- Wire reminder for telephones, Held. A. C. Herzberg. 2,106,912; Feb. 1.
- Wire, ribbons, and the like, Enamelling and varnishing. W. L. Anklin. 2,110,011; Mar. 1.
- Wire screening applicator. It. Benedict. 2,108,638; Feb. 15.
- Wire-severing mechanism. A. L. Rosenmund. 2,140,169; Dec. 13.
- Wire, Solder filled. E. A. Capillon. 2,138,088; Nov. 29.
- Wire spacing bracket. C. H. Klein. 2,112,370; Mar. 29.
- Wire spooler, Belt driven. W. D. Pierson. 2,141,934; Dec. 27.
- Wire spooling apparatus and tension varying element. H. Zarafu. 2,140,728; Dec. 20.
- Wire stitching machine. W. A. Pratt. 2,105,372; Jan. 11.
- Wire-stitching or stapling machine. J. F. Cavanagh. 2,108,882; Feb. 22.
- Wire strapping tool. B. L. Watt and J. J. Smith. 2,124,991; July 26.
- Wire structure, Forming a. E. W. Little. 2,133,550; Oct. 18.
- Wire tension controlling device. R. F. Krejci. 2,104,656; Jan. 4.
- Wire tightener and twister. R. R. Beers. 2,118,034; May 24.
- Wire tightener and twister. R. R. Beers. 2,133,887; Oct. 18.
- Wire twisting apparatus. D. O'Neil. 2,141,661; Dec. 27.
- Wire-tying apparatus for baling, packing, and the like. A. R. Wallis and J. J. Cheesman. 2,123,263; July 12.
- Wire tying machine. H. J. Gibbs and T. A. and D. W. Bingham. 2,111,115; Mar. 15.
- Wire tying machine. O. Kind. 2,129,063; Sept. 6.
- Wire tying tool. F. I. Anderson. 2,137,325; Nov. 22.
- Wire, Welding. F. Leitner. 2,141,995; Dec. 27.
- Wire winding apparatus. R. C. Pierce. 2,127,936; Aug. 23.
- Wireworking machine. E. A. Frantz. 2,110,793; Mar. 8.
- Wireworking machine. B. Heilman and E. Peck. 2,110,665; Mar. 8.
- Wires, Joining. W. H. Bassett, Jr., and A. A. Jones. 2,113,228; Apr. 5.
- Wires, Method and apparatus for welding. W. Hilbert. 2,111,426; Mar. 15.
- Wires, Method and device for transporting. C. Korver. 2,115,423; Apr. 26.
- Wiring device. N. Chirelstein. 2,110,036; Mar. 1.
- Wiring device. R. E. Keese. 2,106,324; Jan. 25.
- Wiring system. C. W. Abbott. 2,115,000; Apr. 26.
- Wood and the like, Apparatus for impregnating. C. P. and R. G. Booty. 2,135,491; Nov. 8.
- Wood and the like, Impregnating. F. C. P. and R. G. Booty. 2,140,981; Dec. 20.
- Wood, Apparatus for barking. T. O. Hillbom. 2,137,451-2; Nov. 22.
- Wood, Apparatus for treating. E. L. Fickett, W. O. Forman, and C. H. McKay. 2,130,457; Sept. 20.
- Wood chips, Impregnating. F. Olsen. 2,137,779; Nov. 22.
- Wood, Cutting agatized petrified. J. R. Carpenter. 2,135,047; Nov. 1.
- Wood, Fireproofing of. H. Tramm, C. Clar, P. Kühnel, and W. Schuff. 2,106,938; Feb. 1.
- Wood for making carbons, Communiting. R. W. Schmidt. 2,130,566; Sept. 20.
- Wood for the rapid maturation of whiskey and other alcoholic liquors and wines, Treating. E. T. Krebs and E. T. Krebs, Jr. 2,119,234; May 31.
- Wood grain and stone markings, Simulating. F. Weiss. 2,137,765; Nov. 22.
- Wood graining apparatus. R. E. Woolens. 2,108,155; Feb. 15.
- Wood impregnating apparatus. J. R. Coolidge. 2,135,463; Nov. 1.
- Wood, lumber, and the like, Soaking. A. B. Pierre, A. G. Johansson, and S. Bergström. 2,130,025; Sept. 13.
- Wood molding, shaping, or uniting apparatus. G. D. Weir. 2,111,688; Mar. 22.
- Wood or like materials, Process of blanching. L. R. Van Allen. 2,134,898; Nov. 1.
- Wood preservation. D. W. King. 2,123,899; July 19.
- Wood preservative. J. E. Harvey, Jr. 2,113,589; Apr. 12.
- Wood preservative. K. H. Klipstein. 2,106,983; Feb. 1.
- Wood preservative composition. S. Kamesam. 2,106,978; Feb. 1.
- Wood preservative, Producing. J. E. Harvey, Jr., R. H. White, Jr., and J. J. White. 2,125,918; Aug. 9.
- Wood products, Making. E. H. Schroth. 2,106,468; Jan. 25.
- Wood pulp, Acetylation of. A. N. Parrett and J. H. Holloway. 2,105,498; Jan. 18.
- Wood-pulp and the like, Treating. H. R. Williams. 2,110,032; Mar. 1.
- Wood pulp for nitration, Conditioning of. G. A. Richter and D. H. McMurtrie. 2,138,283; Nov. 29.
- Wool, Purifying raw. J. Nuesslein and J. von Klenck. 2,137,823; Nov. 22.
- Wood-shaping machine. W. M. Whitney and A. W. Hawes. 2,141,631; Dec. 27.
- Wood staining. C. G. Moore and M. Zucker. 2,105,984; Jan. 18.
- Wood, Treating. C. F. Preston, Sr. 2,111,494; Mar. 15.
- Wood treating process. J. B. Card. 2,118,966; May 31.
- Wood, Treatment of. E. R. Boller. 2,135,030; Nov. 1.
- Wood-wind instrument. A. Loomis. 2,133,624-5; Oct. 18.
- Wood with resistant coatings, Covering. W. O. Maisch. 2,114,784; Apr. 19.
- Woodworking machine. H. J. Dietrich. 2,109,061; Feb. 22.
- Woodworking machine. J. H. Lonskey. 2,140,322-3; Dec. 13.
- Woodworking tool. T. L. Hedgpeth. 2,123,627; July 12.
- Wooden tank. J. P. Walker. 2,104,961; Jan. 11.
- Wool, Blowing mineral. F. C. Thomas. 2,136,158; Nov. 8.
- Wool combing machine. W. M. Spring. 2,112,933; Apr. 5.
- Wool, Making mineral. E. R. Powell. 2,126,411; Aug. 9.
- Wool material unshrinkable and non-felting product made thereby, Rendering. A. J. Hall. 2,107,703; Feb. 8.
- Wool or hair, Fulling or felting. A. Volz. 2,130,570; Sept. 20.
- Wool textiles repellent to water and product made thereby, Rendering. A. Nathansohn. 2,110,383; Mar. 8.
- Wool, Treating grease. R. J. Wig. 2,116,294; May 3.
- Wool unshrinkable, Rendering. E. L. Jackson. 2,132,342; Oct. 4.
- Wool unshrinkable, Rendering. J. S. Reichert and R. W. Peakes. 2,132,345; Oct. 4.
- Workbench, Portable. P. T. Wallgren. 2,139,293; Dec. 6.
- Work center, Yielding. S. W. Bath. 2,116,135; May 3.
- Work clamp. J. P. Hobart and E. C. Krueger. 2,137,113; Nov. 15.
- Work decorating method and implement. E. W. Hamant. 2,114,379; Apr. 19.
- Work driving means, Resilient. W. F. Groene. 2,109,371; Feb. 22.
- Work feeding apparatus. W. Cameron. 2,119,665; June 7.
- Work feeding device. J. R. Townley and A. J. Mauntel. 2,108,626; Feb. 15.
- Work feeding mechanism. C. E. Miller. 2,137,849; Nov. 22.
- Work guide, Shiftably mounted. R. J. Sailer. 2,126,507; Aug. 9.
- Work holder. C. E. Harris. 2,125,919; Aug. 9.
- Work holder. A. Lemieux. 2,124,200; July 19.
- Work holder. G. E. Swartz. 2,122,898; July 5.
- Workholder for metal-cutting machines. B. P. Schiltz. 2,116,251; May 3.
- Work holding and guiding apparatus. L. E. Fox. 2,112,768; Mar. 29.
- Workpieces, Apparatus for making metallic tubular. S. Findlater. 2,141,129; Dec. 20.
- Workpieces, Apparatus for turning complex. C. A. Bickel. 2,140,949; Dec. 20.
- Workpieces to a separating device, Method and device for feeding lead-like. K. Rohrbacher. 2,140,719; Dec. 20.
- Work positioning means. J. M. Rusnak and G. H. Hochmuth. 2,131,973; Oct. 4.
- Work-positioning means for box blank machines. E. M. Florczyk. 2,134,116; Oct. 25.
- Work relative to a tool, Apparatus for accurately positioning. J. F. Price. 2,109,849; Mar. 1.
- Work remover. S. N. Johnson. 2,122,648; July 5.
- Work spacing mechanism for stripping machines. D. Daneke. 2,116,475; May 3.
- Work support, Sewing machine. L. G. Bowman. 2,106,080; Jan. 18.



- Work supporting and rotating mechanism. A. G. Belden. 2,121,726; June 21.
- Work supporting structure, Extensible. W. H. Starrick. 2,120,158; June 7.
- Work table. H. D. Ralston. 2,129,384; Sept. 6.
- Work transferring device for knitting machines. C. A. Riggs and T. B. Farmer. 2,107,548; Feb. 8.
- Work with solvents, Treatment of. C. F. Dinley. 2,113,129; Apr. 5.
- Working process for internal combustion engines and apparatus for carrying the same into effect. D. Mauthner. 2,131,384; Sept. 27.
- Worm and worm gear assembly. F. D. Jones. 2,108,262; Feb. 15.
- Worm element, Machining a. G. C. Graves. 2,126,990; Aug. 16.
- Wort by yeast, Fermentation of. B. V. Hansen. 2,122,939; July 5.
- Wort or the like, Method of and apparatus for producing. J. F. Silhavy. 2,127,759; Aug. 23.
- Woven elastic fabric. A. A. Hodgkins. 2,116,701; May 10.
- Woven fabric. E. Hyman. 2,106,457; Jan. 25.
- Woven fabric. H. B. Jackson. 2,105,190; Jan. 11.
- Woven fabric. H. F. Schmidt. 2,109,223; Feb. 22.
- Woven wire fabric. R. J. Guba. 2,135,333; Nov. 1.
- Wrap, Tight and loose. T. Jensen. 2,118,513; May 24.
- Wrapper and wiper, Bottle. J. A. Harold. 2,129,761; Sept. 13.
- Wrapper, Commodity. S. Rosen. 2,115,318; Apr. 26.
- Wrapper cutting mechanism, Cigar. G. Anderson. 2,110,190; Mar. 8.
- Wrapper for chewing gum. A. E. Johanson. 2,140,748; Dec. 20.
- Wrapper for cigarette packages and the like. J. W. Chalmers. 2,112,013; Mar. 22.
- Wrapper for cigars or the like. B. Midulla. 2,128,374; Aug. 30.
- Wrapper for necktie sets, Inspection. O. Markowitz. 2,104,999; Jan. 11.
- Wrapper for perishable goods. H. Blum. 2,132,144; Oct. 4.
- Wrapper or label for toilet packages. P. D. Parsons. 2,105,367; Jan. 11.
- Wrapper, Sandwich. A. Kovalk. 2,106,640; Jan. 25.
- Wrappers, Making and applying cigar. F. X. Malocsay. 2,114,804; Apr. 19.
- Wrappers on the rolling apron of a cigar rolling device, Apparatus for placing. F. H. B. Stelzer. 2,106,441; Jan. 25.
- Wrapping and packaging machine. E. F. Ness. 2,111,901; Mar. 22.
- Wrapping article. W. E. Molins. 2,117,347; May 17.
- Wrapping for structural shapes. G. B. Bosco. 2,116,335; May 3.
- Wrapping machine. W. B. Bronander. 2,119,093; May 31.
- Wrapping machine. J. W. Chalmers. 2,138,728; Nov. 29.
- Wrapping machine. G. Dalkowitz. 2,131,428; Sept. 27.
- Wrapping machine. F. Engel. 2,113,269; Apr. 5.
- Wrapping machine. D. M. Houtp. 2,125,024; July 26.
- Wrapping machine. C. H. Petskeyes. 2,105,159; Jan. 11.
- Wrapping machine. C. H. Petskeyes. 2,113,239; Apr. 5.
- Wrapping machine. P. Pierce. 2,137,585; Nov. 22.
- Wrapping machine. A. G. Rose. 2,137,656; Nov. 22.
- Wrapping machine. H. E. Rue and S. B. Field. 2,109,505; Mar. 1.
- Wrapping machine guide means. P. Pierce. 2,137,586; Nov. 22.
- Wrapping machine, Hand operated. H. E. Goerke, G. A. Gystrom, and H. W. Schmale. 2,106,999; Feb. 1.
- Wrapping machinery. O. Sandberg. 2,110,113; Mar. 1.
- Wrapping materials, Moistureproofing. R. T. K. Cornwell. 2,121,023; June 21.
- Wrapping or packaging device. J. L. Meyer. 2,125,246; July 26.
- Wrapping or packing machine. W. J. Kemp. 2,107,482; Feb. 8.
- Wrench: See—
- Adjustable wrench. Propeller wrench.
- Drain cock wrench. Ratchet wrench.
- Hammer wrench. Roller grip wrench.
- Impact wrench. Socket wrench.
- Pipe wrench. Torque indicating wrench.
- Power wrench.
- Wrench. J. K. Anderson and T. Johnson. 2,139,650; Dec. 13.
- Wrench. J. R. Bittner. 2,107,231; Feb. 1.
- Wrench. J. I. Donovan. 2,132,207; Oct. 4.
- Wrench. D. J. Emanuel. 2,124,163; July 19.
- Wrench. J. E. Gaede. 2,134,081; Oct. 25.
- Wrench. C. R. Geisel. 2,138,332; Nov. 29.
- Wrench. S. G. Green and R. J. Lennon. 2,128,244; Aug. 30.
- Wrench. L. E. Hagho. 2,105,244; Jan. 11.
- Wrench. T. M. Henderson. 2,116,743; May 10.
- Wrench. O. D. Legg. 2,128,517; Aug. 30.
- Wrench. W. A. Parker. 2,139,600; Dec. 6.
- Wrench device. D. T. Elghmry. 2,128,991; Sept. 6.
- Wrench or other clamping device, Quick acting. P. Audio. 2,130,218; Sept. 13.
- Wrench, Torque measuring. J. H. Sharp. Re. 20,020; Jan. 11.
- Wrenches, Making. F. A. Haist. 2,112,840; Apr. 5.
- Wringer. S. S. Holland, G. F. Traugher, and R. J. McVey. 2,119,276; May 31.
- Wringer. W. L. Kauffman, II. 2,120,521; July 14.
- Wringer. W. L. Kauffman. 2,123,850-2; June 12.
- Wringer. W. L. Kauffman. 2,124,069; July 19.
- Wringer. J. L. Perkins. 2,112,997; Apr. 5.
- Wringer. J. L. Perkins. 2,133,566-7; Oct. 18.
- Wringer. C. B. Williams. Re. 20,763; June 14.
- Wringer and wringer support connection. W. L. Kaufman. 2,107,539; Feb. 8.
- Wringer, Clothes. W. A. Frantz and J. J. McCabe. 2,111,586; Mar. 22.
- Wringer, Clothes. S. E. Schroeder. 2,114,404; Apr. 19.
- Wringer, Clothes. C. B. Williams. 2,113,187; Apr. 5.
- Wringer, Hair waving pad. G. Fisher. 2,136,737; Nov. 15.
- Wringer head. J. L. Perkins. 2,127,186; Aug. 16.
- Wringer head. J. L. Perkins. 2,133,568; Oct. 18.
- Wringer mechanism. N. L. Etten. 2,116,755; May 10.
- Wringer mechanism. N. L. Etten and F. A. Christensen. 2,127,479; Aug. 16.
- Wringer, Mop. P. Morell. 2,111,987; Mar. 22.
- Wringer mop. J. H. Nicholson. 2,118,618; May 24.
- Wringer-mop apparatus. W. M. Christopher. 2,127,055; Aug. 16.
- Wringer, Safety roll. A. C. McCord. 2,117,193; May 10.
- Wringing screen. S. P. Vaughn. 2,114,891; Apr. 19.
- Wrist pin lock. H. C. Marsh. 2,141,720; Dec. 27.
- Wrist pin, Sliding screw adjustable. E. E. Francis. 2,106,945; Feb. 1.
- Wristlet. R. D. Mason. 2,127,926; Aug. 23.
- Writing board. E. J. Gerety. 2,108,481; Feb. 15.
- Writing board. R. Ibendorff. 2,110,155; Mar. 8.
- Writing case. H. J. Waechter. 2,111,825; Mar. 22.
- Writing instrument. C. H. Phillips. 2,108,442; Feb. 15.
- Writing instrument and calendar, Combined. J. S. Fisher. 2,111,362; Mar. 15.
- Writing instrument, Calendar. L. Lowy. 2,122,431; July 5.
- Writing machine. W. J. Hausman. 2,127,514; Aug. 23.
- Writing machine. J. A. Smith. 2,126,352; Aug. 9.
- Writing pad. H. S. Jones. 2,129,375; Sept. 6.
- Xanthates of resin alcohols and their production. P. A. Ray. 2,106,553; Jan. 25.
- X-ray anodes, Constructing. F. H. Driggs and H. W. Highriter. 2,116,387; May 3.
- X-ray apparatus. A. Bouwers. 2,114,070; Apr. 12.
- X-ray apparatus. A. Bouwers. 2,118,457; May 24.
- X-ray apparatus. A. Bouwers. 2,129,646; Sept. 13.
- X-ray apparatus. H. J. Brown. 2,132,774; Oct. 11.
- X-ray apparatus. E. B. Graves. 2,110,764; Mar. 8.
- X-ray apparatus. E. B. Graves. 2,137,647; Nov. 22.
- X-ray apparatus. E. R. Goldfield. 2,117,660; May 17.
- X-ray apparatus. E. R. Goldfield and C. B. Horsley. 2,123,528; July 12.
- X-ray apparatus. M. J. Gross and Z. J. Atlee. 2,121,630; June 21.
- X-ray apparatus. E. S. Humphreys. 2,107,825; Feb. 8.
- X-ray apparatus. E. S. Humphreys. 2,137,122; Nov. 15.
- X-ray apparatus. H. Linke and W. M. Priest. 2,128,655; Aug. 30.
- X-ray apparatus. M. A. Loebell. 2,139,966; Dec. 13.
- X-ray apparatus. R. R. Machlett. 2,132,174-5; Oct. 4.
- X-ray apparatus. J. W. Skehan and R. R. Machlett. 2,132,194; Oct. 4.
- X-ray apparatus. G. R. Struck. 2,135,019; Nov. 1.
- X-ray apparatus. A. Ungelenk. 2,111,412; Mar. 15.
- X-ray apparatus, High frequency. W. M. Lee. 2,140,707; Dec. 20.
- X-ray apparatus, Integrating. W. W. Mowry. 2,136,110; Nov. 8.
- X-ray apparatus, Portable self-contained. H. L. J. Marshall. 2,106,873; Feb. 1.
- X-ray control means. C. B. Horsley and E. R. Goldfield. 2,120,609; June 14.
- X-ray diaphragm and manufacturing the same, Secondary. C. Niemann. 2,116,637; May 10.
- X-ray generating device. J. W. M. Du Mond. 2,133,606; Oct. 18.
- X-ray installation for short-time exposures. A. Kuntke. 2,113,696; Apr. 12.
- X-ray machine. W. H. Thwaites. 2,113,866; Apr. 12.
- X-ray photographs, Identifying. T. S. Buckley. 2,120,064; June 7.
- X-ray potential having predetermined wave form, System for producing. M. Morrison. 2,119,682; June 7.
- X-ray system. M. Morrison and A. Simon. 2,123,018; July 5.
- X-ray system for taking short exposure X-ray photographs. C. T. Ulrey. 2,129,383; Sept. 6.
- X-ray treatment structure. A. F. Jeans. 2,131,191; Oct. 25.
- X-ray tube. J. Alfier. 2,108,573; Feb. 15.
- X-ray tube. M. J. Gross and Z. J. Atlee. 2,118,434; May 24.
- X-ray tube. M. J. Gross and Z. J. Atlee. 2,121,631; June 21.
- X-ray tube. C. V. Litton. 2,119,679; June 7.
- X-ray tube. W. H. McCurdy. 2,132,537; Oct. 11.
- X-ray tube. H. F. Meslek, Jr., and M. J. Gross. 2,118,413; May 24.
- X-ray tube. C. M. Slack. 2,113,334; Apr. 5.
- X-ray tube. A. Welfel. 2,112,740; Mar. 20.



- X-ray tube, Double focus. O. W. Langhans. 2,110,604; Mar. 8.
- X-ray tube stand, Shockproof. A. C. Nelson. 2,122,988; July 5.
- X-ray tube, Variable focus. J. F. Lee. 2,123,607; July 12.
- X-ray unit, Shockproof. C. M. Slack. 2,129,387; Sept. 6.
- X-rays in radiographic and stereoscopic radiographic apparatus, Process and device for automatically centering. C. S. Chausse. 2,120,729; June 14.
- X-rays with a continuously moved grid, Apparatus for screening out secondary. E. Ösvös. 2,138,555; Nov. 29.
- Yardage measuring device for football games. L. E. Cassell and D. B. Massie. 2,139,300; Dec. 6.
- Yarn. I. Arbid. 2,122,972; July 5.
- Yarn. L. T. Rider. 2,110,979; Mar. 15.
- Yarn and cord stretching apparatus. H. O. Nelson. 2,132,753; Oct. 11.
- Yarn and like materials, and making same, Colored artificial. H. R. Bodell. 2,105,519; Jan. 18.
- Yarn and making it, Elastic. T. L. Shepherd. 2,131,983; Oct. 4.
- Yarn and making same, Effect. H. Hofmann. 2,125,230; July 26.
- Yarn carrier. E. A. Feustel. 2,126,249; Aug. 9.
- Yarn carrier control mechanism for straight or full-fashioned knitting machines. P. Schmidt. 2,111,495; Mar. 15.
- Yarn carrier or tube frame. W. Bixby. 2,128,875; Aug. 30.
- Yarn changer for knitting machines. G. W. and M. W. Raulston. 2,122,845; July 5.
- Yarn, Chenille. M. Kline. 2,134,484; Oct. 25.
- Yarn clearer. J. O. McKean. 2,115,532; Apr. 26.
- Yarn clearer. B. A. Peterson. 2,122,989; July 5.
- Yarn, Combined asbestos and glass fiber. D. C. Simpson. 2,132,702; Oct. 11.
- Yarn conditioning process and compositions therefor. J. B. Dickey and J. G. McNally. 2,126,314; Aug. 9.
- Yarn, Continuous. M. A. Salembier, Jr. 2,107,838; Feb. 8.
- Yarn containing staple fiber and to the manufacture thereof. G. C. Tyce. 2,113,955; Apr. 12.
- Yarn control means. F. Klein. 2,128,487; Aug. 30.
- Yarn control means. F. Klein and H. Uhlig. 2,124,422; July 19.
- Yarn, Device for twisting. L. J. O'Dowd. 2,104,809; Jan. 11.
- Yarn dyeing dressing, and loom beaming. N. A. Batchelder. 2,108,188; Feb. 15.
- Yarn fabric-package. D. Goldman. 2,116,570; May 10.
- Yarn feeding and tensioning mechanism for knitting machines, Elastic. G. W. Lindley. 2,123,174; July 12.
- Yarn feeding device. R. H. Lawson, W. L. Smith, Jr., and A. Gagné. 2,109,863; Mar. 1.
- Yarn feeding means for knitting machines. R. H. Lawson, I. H. C. Green, and W. L. Smith, Jr. 2,135,756; Nov. 8.
- Yarn feeding mechanism for knitting machines. R. H. Lawson and A. N. Cloutier. 2,124,253; July 19.
- Yarn from artificial staple fibers and making same, Spun. C. Dreyfus. 2,104,798; Jan. 11.
- Yarn from continuous rayon and staple fiber, Making. L. W. Booth. 2,132,524; Oct. 11.
- Yarn furnishing device. R. H. Lawson and W. L. Smith, Jr. 2,110,088; Mar. 1.
- Yarn gauging mechanism. R. H. Lawson. 2,123,367; July 12.
- Yarn guide. H. Howorth. 2,123,948; July 19.
- Yarn having cover knitted upon the core, Elastic. P. A. Linke. 2,137,692; Nov. 22.
- Yarn holder. B. L. Vaughan. 2,112,721; Mar. 29.
- Yarn in birl and like winding apparatus, Measuring. G. A. Arnett, A. P. Black, and S. M. Fulton. 2,131,086; Sept. 27.
- Yarn knitting machine. F. Meiwald. 2,111,984; Mar. 22.
- Yarn measuring device. M. Wolkin. 2,134,271; Oct. 25.
- Yarn offer for coning machines. M. Morrell. 2,120,110; June 7.
- Yarn on aluminum bobbins, Bleaching viscose. W. M. Mitchell and E. E. Huffman. 2,113,453; Apr. 5.
- Yarn package. S. Shepard. 2,120,910; June 14.
- Yarn packages, Making. K. Williams. 2,110,926; Mar. 15.
- Yarn packages, Apparatus for the production of. T. H. Elckhoff and J. P. Arndt. 2,112,827; Apr. 5.
- Yarn, Presenting. J. L. Getaz. 2,110,795; Mar. 8.
- Yarn, Producing. W. Whitehead. 2,138,950; Dec. 6.
- Yarn speed indicating means. H. E. Gosling. 2,106,146; Jan. 18.
- Yarn tension. D. A. Tebo. 2,119,611; June 7.
- Yarn, Textile. M. M. Taylor and S. M. Fulton. 2,123,261; July 12.
- Yarn, Treating. R. F. Craig. 2,128,121; Aug. 23.
- Yarn, Treating. E. F. James and L. E. Remick. 2,107,536; Feb. 8.
- Yarn, Twisting. L. J. O'Dowd. 2,104,810; Jan. 11.
- Yarn winder, Adjustable. P. J. Gruebel. 2,138,299; Nov. 29.
- Yarn winding machine. W. H. Bowden. 2,131,470; Sept. 27.
- Yarn winding machine. W. H. Kimpton and S. M. Fulton. 2,129,739; Sept. 13.
- Yarn-winding machine. C. Marsden. 2,128,786; Aug. 30.
- Yarn winding machine. R. E. Moser. 2,107,385; Feb. 8.
- Yarn with indigo, Dyeing. W. C. Foss. 2,110,595; Mar. 8.
- Yarns and filaments, Lubrication and conditioning of. E. A. Robinson and G. M. Richardson. 2,112,117; Mar. 22.
- Yarns and products therefrom, Treating textile. A. E. Meyer. 2,135,088; Nov. 1.
- Yarns and the like, Apparatus for impregnating. E. C. Gwaltney. 2,133,446; Oct. 18.
- Yarns and the like, Conditioning, lofting and fluffing. H. C. Wolfenden. 2,120,844; June 14.
- Yarns, Apparatus for humidifying textile. T. and P. J. Lydon. 2,105,088; Jan. 11.
- Yarns, fibers, and filaments, Treating. W. G. Faw. 2,129,414; Sept. 6.
- Yarns from continuous filaments, Operation for the production of staple fiber. H. and W. I. Taylor. 2,104,827; Jan. 11.
- Yarns, Liquid treatment of. R. W. Moncrieff, F. B. Hill, and T. B. Frearson. 2,131,814; Oct. 4.
- Yarns, Producing hairy rayon. J. E. Moore. 2,123,635; July 12.
- Yarns, Production of composite. A. S. Bell. 2,134,022; Oct. 25.
- Yarns, Soaking silk. P. Kaplan. 2,135,081; Nov. 1.
- Yarns, Treatment of textile. H. Dreyfus. 2,111,209; Mar. 15.
- Yarns, Washing, desulphurizing, bleaching, finishing, and like treatments of artificial. A. Nai. 2,131,409; Sept. 27.
- Yeast and the product produced thereby, Treatment of. C. P. Freshel. Re. 20,635; Jan. 25.
- Yeast, Apparatus for the manufacture of. I. A. Effront. 2,123,463; July 12.
- Yeast concentrate with bacterial culture. L. J. Wilhartz and M. M. Brooke. 2,114,694; Apr. 19.
- Yeast, Drying of. H. A. Auden and P. Eaglesfield. 2,111,201; Mar. 15.
- Yeast, Manufacture of. J. F. Wroten. 2,106,784; Feb. 1.
- Yeast mash, Producing. C. J. Wilken. 2,132,091; Oct. 4.
- Yeast nutriment containing liver oil and manufacturing the same. M. Kawata. 2,120,410; June 14.
- Yeast production, Apparatus and process for aerating wort in. W. Vogelbusch. 2,121,458; June 21.
- Yeast, Treatment of. A. S. Schultz and C. N. Frey. 2,136,399; Nov. 15.
- Yellow stain in photographic preparations and regulation of the halogen content thereof, Preventing. A. Steigmann. 2,105,274; Jan. 11.
- Yerba maté, Preparation of. J. Cortez. 2,115,411; Apr. 26.
- Yieldable coupling. L. O. Davis. 2,114,247; Apr. 12.
- Yieldable drive coupling. E. J. Poitras and J. D. Tear. 2,134,488; Oct. 25.
- Zein composition, Water resistant. C. Veatch. 2,134,769; Nov. 1.
- Zein, Production of. L. C. Swallen. 2,105,760; Jan. 18.
- Zein, Production of. L. C. Swallen. 2,120,946; June 14.
- Zein, Production of. L. C. Swallen. 2,133,591; Oct. 18.
- Zero resetting mechanism for registers. K. Locke and R. Brunhuber. 2,106,807; Feb. 1.
- Zeroizer for dispensing pump, Automatic. C. S. Hazard. 2,109,352; Feb. 22.
- Zeroizing device for dispensing pumps, Automatic. C. S. Hazard. 2,109,353; Feb. 22.
- Zeroizing device for dispensing pumps, Automatic. W. L. Marden. 2,132,637; Oct. 11.
- Zinc ammonium chloride fluxes. R. J. Kepfer. 2,127,564; Aug. 23.
- Zinc and product formed thereby, Treating. W. B. Schulte. 2,121,412; June 21.
- Zinc, Coating. G. C. Romig. 2,121,574; June 21.
- Zinc compound from galvanizer's waste, Making. H. S. Colton. 2,131,312; Sept. 27.
- Zinc compounds, Luminescent. A. Wakenhut. 2,136,871; Nov. 15.
- Zinc concentrates, Recovery of values from. G. L. Spencer, Jr. 2,128,379-80; Aug. 30.
- Zinc, Deoxidation of technically pure. F. Schreiber. 2,121,306; June 21.
- Zinc dust, Process and apparatus for the manufacture of. M. H. Newell. 2,133,560; Oct. 18.
- Zinc dust, Working up. K. R. Göhre. 2,123,300; July 12.
- Zinc electroplating solution. S. R. Mason. 2,136,629; Nov. 15.
- Zinc in vertical reducing chambers and apparatus therefor, Continuously producing. H. Matthies. 2,132,858; Oct. 11.
- Zinc oxide, Making. W. T. Maidens. 2,139,196; Dec. 6.
- Zinc oxide, Manufacture of. R. Allavena. 2,105,394; Jan. 11.
- Zinc pigment, Extended. J. B. Nichols. 2,113,381; Apr. 5.
- Zinc plating, Bright. V. Mattacotti. 2,109,887; Mar. 1.
- Zinc sheets, Forming. C. I. Wasson. 2,139,215; Dec. 6.
- Zinc sulphate dihydrate, Recovering. F. C. Abbott and H. W. Doennecke. 2,122,997; July 5.
- Zinc sulphate, Production of. I. L. Haag. 2,121,399; June 21.
- Zinc sulphide. A. J. Myhren. 2,117,205; May 10.
- Zinc sulphide, Making. H. A. Depew and W. T. Maidens. 2,140,668; Dec. 20.



Zinc sulphide, Manufacture of. Z. de Horvath and W. B. Paris. 2,136,376; Nov. 15.  
Zinc sulphide, Precipitating. L. C. Copeland and J. R. Stone. 2,130,382; Sept. 20.  
Zinc sulphide with hydrogen sulphide recovery, Preparation of. A. J. Myhren and S. I. Hammond. 2,130,742; Sept. 20.  
Zinciferous materials, Agglomerating comminuted. J. F. W. Schulze. 2,131,074; Sept. 27.

Zinciferous materials, Smelting of. H. K. Najarian. 2,127,633; Aug. 23.  
Zinciferous materials, Treating. J. O. Betterton and W. H. Bitner. 2,140,309; Dec. 13.  
"Zipper" closure, Waterproof. S. C. Ferrone. 2,119,621; June 7.  
Zirconium oxycarbide and silicon carbide, Preparation by, Rendering. A. Nathansohn. 2,110,383; Mar. 8.  
Zone heating. W. O. Lum. 2,140,389; Dec. 13.



# LIST OF DESIGN INVENTIONS

- Accordion. A. Bernardi, A. Logli, and M. Zoppi. 109,884; May 31.  
 Accordion. A. Butti. 108,612; Mar. 1.  
 Accordion. C. Farny. 111,486; Sept. 27.  
 Accordion. C. E. Jacoby. 108,695-6; Mar. 8.  
 Accordion. J. Vassos. 111,555; Sept. 27.  
 Accordion or similar article. F. Robbins. 109,500; May 3.  
 Advertising device. A. J. Bittson. 111,889; Oct. 25.  
 Advertising device. W. D. Brookings, Jr. 110,385; July 5.  
 Advertising device. J. A. Hoffmann. 108,621; Mar. 1.  
 Advertising device or the like. J. O. Reinecke. 108,034-6; Jan. 18.  
 Advertising display device, illuminated. H. O. Sperry. 110,590; July 19.  
 Advertising display figure or article of similar nature. C. A. Meyerowich. 111,909; Oct. 25.  
 Advertising figure. R. W. Leavenworth. 110,096; June 14.  
 Aerial, Automobile. R. D. McIntosh. 110,150; June 21.  
 Aerial, Automobile radio. A. M. Weber. 108,655; Mar. 1.  
 Aerial, Automobile top. T. J. Prentice. 112,487; Dec. 6.  
 Aerial, Extensible radio. C. W. Martin. 112,288; Nov. 22.  
 Agitator. T. J. Litle, Jr. 107,879; Jan. 11.  
 Agitator, Washing machine. J. B. Kirby. 112,658; Dec. 20.  
 Air circulator. J. J. Janca and P. M. Brannan. 111,542; Sept. 27.  
 Air circulator. J. J. Janca. 111,972; Nov. 1.  
 Air circulator. W. E. Willey. 110,042; June 7.  
 Air cleaner. A. Marshall. 109,495; May 3.  
 Air compressor, Portable. A. C. Radtke and N. B. Spurgeon. 112,721; Dec. 27.  
 Air compressor, Self propelling. J. H. Cantrell. 109,207; Apr. 12.  
 Air conditioner. A. F. L. Anderson. 108,689; Mar. 8.  
 Air conditioner, Portable. A. A. Feinberg. 111,473; Sept. 20.  
 Air conditioning unit or similar article. W. H. Sones. 112,489; Dec. 6.  
 Aircraft. A. P. de Seversky. 109,958; May 31.  
 Aircraft. A. P. de Seversky. 111,040-2; Aug. 23.  
 Airplane. D. R. Berlin. 107,850; Jan. 11.  
 Airplane. B. C. Boulton and J. S. McDonnell, Jr. 107,891; Jan. 11.  
 Airplane. B. C. Boulton and J. S. McDonnell, Jr. Re. 20,900; Nov. 1.  
 Airplane. F. E. Flader. 107,903; Jan. 11.  
 Airplane. F. L. Newman. 109,022; Mar. 29.  
 Airplane. J. Pavlecka. 109,951; May 31.  
 Airplane. A. E. Raymond and E. F. Burton. 108,268; Feb. 1.  
 Airplane. J. B. Reinhard and L. J. Koch. 110,364; July 5.  
 Airplane. A. P. de Seversky. 109,959; May 31.  
 Airplane. A. P. de Seversky. 111,043; Aug. 23.  
 Airplane. J. G. Taylor and H. W. Case. 112,490; Dec. 6.  
 Airplane. R. J. Woods. 111,885; Oct. 25.  
 Airplane landing indicator. E. G. Haven. 112,743; Dec. 27.  
 Airplane landing wheel position indicator. C. H. H. Rodanet. 111,714; Oct. 11.  
 Airplane, Monoplane pursuit. R. C. Wilson and L. R. Koepnick. 110,406; July 5.  
 Airplane or the like. F. M. Bellanca. 108,816; Mar. 15.  
 Airship. S. T. Rogers. 110,572-4; July 19.  
 Airship. S. T. Rogers. 111,590; Oct. 4.  
 Alphabet for forming monograms for wearing apparel or similar article. C. Emmey. 111,696-7; Oct. 11.  
 Alphabet for forming monograms for wearing apparel or similar article. C. Emmey. 112,709; Dec. 27.  
 Alphabet for forming monograms or similar article. M. Chernow. 111,694; Oct. 11.  
 Alphabet for forming monograms or similar article. M. Chernow. 111,722-3; Oct. 11.  
 Alphabet for forming monograms or the like. M. Chernow. 109,760; May 17.  
 Alphabet for forming monograms or the like. M. Chernow. 109,783; May 17.  
 Alphabet for forming monograms or the like. M. Chernow. 110,204; June 21.  
 Alphabet for forming monograms or the like. M. Chernow. 110,312; July 5.  
 Alphabet for forming monograms or the like. M. Chernow. 110,478; July 12.  
 Alphabet for monograms. L. Wise. 111,052; Aug. 23.  
 Amusement tower. J. B. Strauss. 110,577; July 19.  
 Animal figure. C. H. Forbell. 110,861; Aug. 16.  
 Antenna, Automobile-hood. M. S. Frankl. 109,527; May 3.  
 Antenna, Automobile radio. G. O. Benson. 109,541; May 3.  
 Antenna, Automobile radio. E. J. Kern. 109,063; Mar. 29.  
 Antenna, Automobile top radio. P. Guggenheim. 112,523; Dec. 13.  
 Antenna for automobile radios. J. R. Stimps. 110,199; June 21.  
 Apron. G. T. Beil. 108,275; Feb. 1.  
 Apron. M. Mitrani. 109,279; Apr. 12.  
 Aquarium and flower stand, Combined. R. Furrey. 109,478; May 3.  
 Arc welder. L. J. Ganyaw. 111,703; Oct. 11.  
 Arc welder. C. C. Lee. 111,208; Sept. 13.  
 Arch support, Longitudinal. R. H. Johnson. 108,099; Jan. 25.  
 Arm for burial casket handles. S. Junkunc, Jr. 111,145; Sept. 6.  
 Arm rest for a glider or similar article. R. Weisman. 109,749; May 17.  
 Arm rest, Vehicle. A. P. Fall. 110,805; Aug. 9.  
 Ash receiver. F. L. Burnell. 111,628; Oct. 4.  
 Ash receiver and extinguisher, Combined. W. L. Webster. 108,631; Mar. 1.  
 Ash receiver or similar article. H. Bohme. 112,454; Dec. 6.  
 Ash receptacle. J. K. Milton. 110,422; July 5.  
 Ashtray. J. Biernan. 112,431; Dec. 6.  
 Ashtray. R. A. Bruner and C. A. Mitchell. 112,690; Dec. 27.  
 Ashtray. J. D. Cannon. 110,689; Aug. 2.  
 Ashtray. F. R. Cass. 111,173; Sept. 6.  
 Ashtray. H. F. Dubas. 108,638; Mar. 1.  
 Ashtray. E. W. Fuerst. 109,909-10; May 31.  
 Ashtray. N. G. Horwitt. 109,754; May 17.  
 Ashtray. F. Lang. 112,641; Dec. 20.  
 Ashtray. G. A. Mengle. 110,097; June 14.  
 Ashtray. J. K. Milton. 111,682; Oct. 11.  
 Ashtray. J. A. Murphy. 112,234; Nov. 15.  
 Ashtray. M. Secan. 111,227; Sept. 13.  
 Ashtray. F. Truttman. 110,160; June 21.  
 Ashtray and cigarette package opener, Combined. H. Flohr. 108,539; Feb. 22.  
 Ashtray and match box holder, Combination. M. Secan. 111,110; Aug. 30.  
 Ashtray, Combination. M. B. Bailly. 110,103; June 14.  
 Ashtray or similar article. M. Exelmans. 111,650; Oct. 11.  
 Ashtray or similar article. R. A. Kelly. 107,873; Jan. 11.  
 Ashtray or similar article. R. A. Kelly. 109,141; Apr. 5.  
 Ashtray or similar article. R. A. Kelly. 109,218; Apr. 12.  
 Ashtray or the like. H. I. Sandquist. 112,380; Nov. 29.  
 Ashtray, pipe knocker, and pipe rack, Combined. E. F. McDonald. 109,616; May 10.  
 Ashtray, Wall-plaque. M. J. Bennett. 110,338; July 5.  
 Atomizer. F. A. Vuilleminot. 109,431; Apr. 26.  
 Atomizer. F. A. Vuilleminot. 112,731; Dec. 27.  
 Automobile. D. F. H. Fitzmaurice. 108,322-3; Feb. 8.  
 Automobile. G. H. Le Boeuf. 110,395; July 5.  
 Automobile. W. L. Morrison. 111,840-1; Oct. 18.  
 Automobile and radio antenna, Combined. G. Snyder. 111,111-2; Aug. 30.  
 Automobile body. T. P. Judd. 110,358; July 5.  
 Automobile carrier, Semitrailer. C. D. Gill. 109,134; Apr. 5.  
 Automobile transport body. W. E. Baker. 110,013; June 7.  
 Automobile transport body. J. R. Weeks and R. H. Helms. 109,926; May 31.  
 Awning, Automobile door. E. R. Scott. 109,106; Mar. 29.  
 Baby walker. S. A. Snell. 112,384; Nov. 29.  
 Badge. A. E. Berry. 107,740; Jan. 4.  
 Badge. D. B. Gibbs. 111,763; Oct. 18.  
 Badge. C. H. Rowton. 110,009; June 7.  
 Badge. H. C. Townsend. 110,759; Aug. 2.  
 Badge or similar article. R. W. Hill. 108,442; Feb. 15.  
 Badge or similar article. P. F. La Follette. 110,418; July 5.  
 Badge or similar article. W. A. Pouliot. 109,151; Apr. 5.  
 Badge or similar article. J. B. Swoboda. 112,049; Nov. 8.  
 Bag and carriage cover, Child's combined sleeping. B. B. Friedman. 108,875; Mar. 15.  
 Bag, Beach. F. N. Lewis. 111,079; Aug. 30.  
 Bag, Combination hot water and ice. E. I. Kilcup. 108,718; Mar. 8.  
 Bag frame. W. C. Hering. 109,404; Apr. 26.  
 Bag or the like, Collapsible. F. Dabroski. 109,549-50; May 3.  
 Bag, Traveling. C. Doppelt. 109,553; May 3.  
 Bait, Artificial. A. and R. Juul. 110,091; June 14.  
 Bait, Casting. C. D. Stickrath. 111,797; Oct. 18.  
 Balancing attachment for a pistol. R. S. Havourd. 110,697; Aug. 2.  
 Ball cock. A. C. Arbogast. 108,228; Feb. 1.  
 Ball game device. R. H. Hayes and W. L. Smith. 110,863; Aug. 16.



- Ball, Gear shift. F. M. Hoover. 111,881; Oct. 25.  
 Ball, Tennis. S. G. Ball. 107,939; Jan. 18.  
 Band filing and sawing machine, Combined metal. L. A. Wilkie. 110,915; Aug. 16.  
 Band or similar article, Head. H. Charney. 108,843; Mar. 15.  
 Bandstand. N. W. Raphael. 108,704; Mar. 8.  
 Bank, Coin. D. H. Zell. 111,193; Sept. 6.  
 Bank, Savings. J. E. Aronson. 108,487; Feb. 15.  
 Bar, Awning. C. D. Lowry. 110,438; July 12.  
 Bar, Portable. F. P. Canterbury. 111,648; Oct. 11.  
 Bar, Portable. I. Salomon. 112,242; Nov. 22.  
 Barometer. H. C. Nightingale. 110,549; July 19.  
 Barrel for mechanical pencil or similar article. R. Back. 110,265; June 28.  
 Barrel or similar container. R. T. Corey. 109,752; May 17.  
 Barrette. S. Behr. 110,167; June 21.  
 Barrette. D. D. Whyte and S. F. Kayn. 110,127-8; June 14.  
 Base and column for lamps, Combined. D. Shepard. 112,091; Nov. 8.  
 Base and pedestal for table lamps, Combined. J. Higgins. 112,067; Nov. 8.  
 Base and pedestal for table lamps, Combined. J. Wilcox. 112,265; Nov. 22.  
 Base, Electric sign. J. M. Mattias. 111,209; Sept. 13.  
 Base for a hair waving machine. F. V. Schleimer. 109,233; Apr. 12.  
 Base for picture frames or the like. E. Kratman. 112,744; Dec. 27.  
 Base, Lamp. K. H. Greider. 112,695; Dec. 27.  
 Base, Machine tool. M. I. Mathewson. 110,396; July 5.  
 Base or similar article, Signboard. C. F. Smith. 110,737; Aug. 2.  
 Base, Washing machine. A. H. Labisky. 108,395; Feb. 8.  
 Basket, Flower. R. M. Koch. 108,625; Mar. 1.  
 Basket or like article. A. W. Planeta. 112,645; Dec. 20.  
 Bassinet. A. G. Feldman. 111,245-7; Sept. 13.  
 Bath mitt. A. M. Schroeder. 112,239; Nov. 15.  
 Bathing suit or similar article. D. Watinsky. 108,609; Feb. 22.  
 Bathing trunks. T. R. Upland. 110,424; July 5.  
 Bathroom unit, Combination. E. K. Mahlum. 110,643; July 26.  
 Bathtub. J. L. Houston. 109,713; May 17.  
 Bathtub. W. D. Kraemer. 110,900; Aug. 16.  
 Battery, Rabbit. W. H. Jones, G. T. Markey, and J. B. Olson. 112,070; Nov. 8.  
 Beater, Egg. J. M. Little. 112,531; Dec. 13.  
 Beater or similar article, Egg. C. A. Rowley. 109,647; May 10.  
 Bed and bookcase, Combination. W. L. Davis. 110,891; Aug. 16.  
 Bed and chest of drawers. W. L. Davis. 110,892; Aug. 16.  
 Bed and desk, Combination. W. L. Davis. 110,893; Aug. 16.  
 Bedspread. C. M. Jones. 110,519-20; July 12.  
 Bedspread. H. A. Lawson. 109,436-7; Apr. 26.  
 Bedspread. G. H. Rauschenberg. 108,403; Feb. 8.  
 Bedspring. E. W. Schlappitz. 112,047; Nov. 8.  
 Bedstead. D. H. Whitehead. 108,633; Mar. 1.  
 Belt. S. A. Bevin. 109,032; Mar. 29.  
 Belt. E. C. Bennett. 111,532; Sept. 27.  
 Belt. J. L. Bibula. 111,888; Oct. 25.  
 Belt. A. R. Richtmyer and M. J. Hinlein. 111,615; Oct. 4.  
 Belt, Body. L. C. Medearis. 109,092; Mar. 29.  
 Belt buckle. R. Sloce. 108,555; Feb. 22.  
 Belt for pedestrians, Safety. T. E. Miller. 108,337; Feb. 8.  
 Belt or similar article. D. Penzel. 110,658; July 26.  
 Belt or similar article. A. Petersdorff. 110,659; July 26.  
 Belt or similar article. S. Solomon. 112,001; Nov. 1.  
 Belt or similar article. W. Walter. 111,556; Sept. 27.  
 Belt sander. H. E. Tautz. 107,805; Jan. 4.  
 Belt, Wooden link. J. T. Huddle. 112,303; Nov. 22.  
 Bench. F. J. Schmitt. 112,182; Nov. 15.  
 Bench and tool cabinet, Combined work. T. O. Rueb. 111,860; Oct. 25.  
 Bib. S. O. Downing. 109,946; May 31.  
 Bib-apron. D. S. Neely. 109,438; Apr. 26.  
 Bicycle. E. W. Baxter. 112,593; Dec. 20.  
 Bicycle. H. M. Huffman, Jr., and J. H. Horstman. 112,069; Nov. 8.  
 Bicycle. J. S. Manton. 109,411; Apr. 26.  
 Bicycle frame. C. J. Fogarty. 108,201; Feb. 1.  
 Billfold. L. A. Mueller. 109,815; May 24.  
 Billfold. S. Smallman. 110,839; Aug. 9.  
 Billfold. W. St. Thomas. 108,251; Feb. 1.  
 Billfold. H. B. Welch. 108,135; Jan. 25.  
 Billfold. H. B. Welch. 108,168; Jan. 25.  
 Bird feeding station and open-faced bird house. L. G. Copeman. 109,128; Apr. 5.  
 Blanket, Baby. D. E. Ford. 109,830; May 24.  
 Blanket, Receiving. B. B. Friedman. 109,371; Apr. 19.  
 Block for shoe display, Filler. E. J. Baas. 108,691; Mar. 8.  
 Block, Glass building. W. Perkins. 109,025; Mar. 29.  
 Block, Hollow glass building. C. E. Hawk. 110,894-5; Aug. 16.  
 Block, Hollow glass building. C. H. Smith and D. Jones. 112,048; Nov. 8.  
 Block, Hollow glass building. W. D. Teague. 112,746; Dec. 27.  
 Block or similar article, Building. F. E. Poortinga. 108,455; Feb. 15.  
 Block, Rubbing. L. J. Feild. 107,762; Jan. 4.  
 Blotter and pad holder for desks, Combination. G. Stone. 108,024; Jan. 18.  
 Blotter, Return post card. S. J. Bienstock. 109,201; Apr. 12.  
 Blouse. I. Abzug. 108,385; Feb. 8.  
 Blouse. H. de Bernard. 108,173; Jan. 25.  
 Blouse. I. Geist. 108,669; Mar. 1.  
 Blouse. L. Hafler. 112,553; Dec. 13.  
 Blouse. S. Levy. 108,182; Jan. 25.  
 Blouse. A. M. Lowenthal. 107,909; Jan. 11.  
 Blouse. M. Pressiaff. 108,185; Jan. 25.  
 Blouse. D. Showers. 108,987; Mar. 22.  
 Blouse. J. Solomon. 109,570; May 3.  
 Blouse. A. Weiner. 112,725; Dec. 27.  
 Blouse, Scarf. E. Fischer. 108,640; Mar. 1.  
 Blowpipe. L. M. Farnum and C. K. Teamer. 107,820; Jan. 4.  
 Blowpipe. L. W. Young. 111,800; Oct. 18.  
 Board, Buoyant water. W. H. Taylor. 110,159; June 21.  
 Board, Display. J. Converse. 109,392; Apr. 26.  
 Board for playing the game of quoits. E. G. Schumacher. 110,366; July 5.  
 Board or the like, Display. F. Springer-Miller. 108,708; Mar. 8.  
 Bobeche or similar article. R. A. Kelly. 109,219; Apr. 12.  
 Body for child's wagon. J. R. Morgan. 109,333; Apr. 19.  
 Bolster for a juvenile vehicle, Front. S. A. Snell. 109,738; May 17.  
 Bonnet. W. P. Fortune. 108,569; Feb. 22.  
 Bookcase. H. A. McCune. 111,519; Sept. 27.  
 Book end. E. Beer. 111,236; Sept. 13.  
 Book end. E. S. Lynch. 112,260; Nov. 22.  
 Bookend, humidior, and ashtray, Combination. H. O. Cornwall. 107,749; Jan. 4.  
 Bookmark. E. Rabin and F. Drucker. 111,589; Oct. 4.  
 Bookmark and holder clip, Combined. R. F. Brennan. 111,781; Oct. 18.  
 Book, Photo frame. G. Zumft. 112,415; Nov. 29.  
 Boot. R. Sieburth. 109,429; Apr. 26.  
 Boot or similar article, Animal. F. P. Ford, A. C. Cope, and A. G. H. Gough. 108,491; Feb. 15.  
 Bootie. L. J. Epstein. 110,244; June 28.  
 Booth or similar article, Display. B. E. Levin and R. A. Winchendon. 111,048; Aug. 23.  
 Bottle. A. B. Barnhart. 107,815; Jan. 4.  
 Bottle. H. C. Berkowitz. 112,632; Dec. 20.  
 Bottle. J. W. Bicks. 111,169; Sept. 6.  
 Bottle. F. W. Bireley. 112,190-1; Nov. 15.  
 Bottle. R. A. Blunt. 112,272-7; Nov. 22.  
 Bottle. S. L. Brandeis. 108,010; Jan. 18.  
 Bottle. D. E. Briner. 108,113; Jan. 25.  
 Bottle. G. M. Clevenger. 108,778; Mar. 15.  
 Bottle. E. M. Coleman. 109,908; May 31.  
 Bottle. S. D'Addario. 107,750; Jan. 4.  
 Bottle. T. D. D'Addario. 111,411; Sept. 20.  
 Bottle. R. H. Dallas. 111,957; Nov. 1.  
 Bottle. W. S. Dunn. 111,242; Sept. 13.  
 Bottle. J. L. Dunnoek. 108,727; Mar. 8.  
 Bottle. M. A. Frank. 108,970; Mar. 22.  
 Bottle. M. A. Frank. 111,962; Nov. 1.  
 Bottle. E. W. Fuerst. 108,593; Feb. 22.  
 Bottle. E. W. Fuerst. 109,512; May 3.  
 Bottle. B. D. Fuerst. 110,354; July 5.  
 Bottle. J. Fulcher. 109,513; May 3.  
 Bottle. J. C. Fuller. 108,493; Feb. 15.  
 Bottle. R. C., V. L., and E. L. Gennaro. 108,074; Jan. 25.  
 Bottle. R. Guerlain. 110,302; June 28.  
 Bottle. J. M. Guthrie. 109,913-5; May 31.  
 Bottle. J. T. Havekost. 112,696; Dec. 27.  
 Bottle. F. Klotz. 109,846; May 24.  
 Bottle. F. Klotz. 110,147; June 21.  
 Bottle. W. R. Kohl. 108,449; Feb. 15.  
 Bottle. W. R. Kohl. 112,462; Dec. 6.  
 Bottle. F. N. Lewis. 110,870; Aug. 16.  
 Bottle. F. N. Lewis. 112,461; Dec. 6.  
 Bottle. H. Lillenthal. 110,030; June 7.  
 Bottle. P. G. Lloyd. 108,451; Feb. 15.  
 Bottle. P. G. Lloyd. 109,021; Mar. 29.  
 Bottle. F. W. Lohse. 110,873; Aug. 16.  
 Bottle. A. I. Lorenzen. 109,848; May 24.  
 Bottle. L. A. Lummis, Jr. 108,125; Jan. 25.  
 Bottle. C. Mark. 112,703; Dec. 27.  
 Bottle. F. McIntosh. 107,966; Jan. 18.  
 Bottle. F. McIntosh. 109,920; May 31.  
 Bottle. F. McLaughlin. 112,704; Dec. 27.  
 Bottle. C. H. Meckel, Jr. 110,621; July 26.  
 Bottle. C. C. Myers. 111,793; Oct. 18.  
 Bottle. C. W. Munn. 112,373; Nov. 29.  
 Bottle. H. R. Mott. 109,520; May 3.  
 Bottle. J. A. Neumann. 111,989; Nov. 1.  
 Bottle. W. Nuckols. 109,921; May 31.  
 Bottle. E. J. Petty. 108,795-6; Mar. 15.  
 Bottle. F. Pfeffer. 108,217; Feb. 1.  
 Bottle. A. E. Repenning. 110,731; Aug. 2.  
 Bottle. G. D. Rannels. 111,226; Sept. 13.  
 Bottle. A. Radzkowski. 111,031; Aug. 23.  
 Bottle. O. H. Samuelson. 112,219; Nov. 15.  
 Bottle. F. Smith. 112,540; Dec. 13.



- Bottle. G. Smith, Jr. 110,115; June 14.  
 Bottle. G. Smith, Jr. 110,711; Aug. 2.  
 Bottle. L. D. Soubier. 112,385; Nov. 29.  
 Bottle. G. Spielman. 108,224; Feb. 1.  
 Bottle. N. F. Stauer. 110,262; June 28.  
 Bottle. N. F. Steuer. 110,504; July 12.  
 Bottle. N. F. Steuer. 111,091; Aug. 30.  
 Bottle. G. F. Street, Jr. 112,387; Nov. 29.  
 Bottle. J. L. Wiener. 111,821; Oct. 18.  
 Bottle. C. A. Williams. 109,928; May 31.  
 Bottle. G. Wilmet. 110,830; Aug. 9.  
 Bottle and base therefor, Combined. F. N. Lewis. 110,871; Aug. 16.  
 Bottle and container therefor, Combined. O. S. Garry and P. M. Brown. 110,245; June 28.  
 Bottle and stopper therefor, Combination. T. Perzinger. 109,618; May 10.  
 Bottle and stopper therefor, Combined. F. E. Ansell. 110,790; Aug. 9.  
 Bottle and stopper therefor, Combined. E. F. Dolan. 109,009; Mar. 22.  
 Bottle and stopper therefor, Combined perfume. A. Tarsaizde. 111,673; Oct. 11.  
 Bottle, Beer. C. R. Deible. 111,959; Nov. 1.  
 Bottle cap remover. E. Calencia. 109,695; May 17.  
 Bottle display group and container therefor, Combined. L. Mann. 111,546; Sept. 27.  
 Bottle filler, Carbonated water. R. J. Helberg. 111,143; Sept. 6.  
 Bottle, Glass. S. Brandeis. 112,103; Nov. 8.  
 Bottle, Glass. L. J. Kihn. 112,198; Nov. 15.  
 Bottle, Glass. J. H. Meier, Jr. 112,532; Dec. 13.  
 Bottle, Glass. A. C. Meyer. 111,212; Sept. 13.  
 Bottle, Glass milk. J. H. Meier. 109,518; May 3.  
 Bottle inspection machine. E. Worthington. 112,097; Nov. 8.  
 Bottle, Medicine. C. d'O. P. Jackson. 110,180; June 21.  
 Bottle, Metal. A. and E. A. Calleson. 109,311; Apr. 19.  
 Bottle, Metal beverage. C. E. McManus and A. and E. A. Calleson. 109,331; Apr. 19.  
 Bottle, Milk. W. C. Teunisz. 111,311; Sept. 13.  
 Bottle or similar article. S. Chun. 109,035; Mar. 29.  
 Bottle or similar article. R. A. Kelly. 109,220; Apr. 12.  
 Bottle or similar article. R. A. Kelly. 109,755; May 17.  
 Bottle or similar article. R. A. Kelly. 109,763; May 17.  
 Bottle or similar article. H. Whitaker. 109,352; Apr. 19.  
 Bottle or similar article, Glass siphon. T. D'Addario. 111,241; Sept. 13.  
 Bottle or similar article, Perfume. J. D. Buckingham. 111,954; Nov. 1.  
 Bottle or similar article, Siphon. W. Paxton. 112,535; Dec. 13.  
 Bottle or similar container. P. H. Ganz. 108,121; Jan. 25.  
 Bottle or similar container. J. A. Oya. 111,992; Nov. 1.  
 Bottle or similar container. E. T. Reynolds. 110,034; June 7.  
 Bottle or similar container, Paper. L. B. Koch. 110,705; Aug. 2.  
 Bottle or similar container, Perfume. J. L. Young-husband. 112,545; Dec. 13.  
 Bottle or the like, Perfume. V. Bobri. 110,793; Aug. 9.  
 Bottle, Perfume. S. J. Eisenberg. 112,433; Dec. 6.  
 Bottle, Perfume. J. Guerin. 112,638; Dec. 20.  
 Bottle, Perfume. S. Schein. 109,767; May 17.  
 Bottle pourer. F. W. Hoeter. 112,115; Nov. 8.  
 Bottle stopper and liquid pourer, Combined. A. Berman. 109,045; Mar. 29.  
 Bottle, Toilet. I. Aizic. 110,333; July 5.  
 Bottle, Toilet. L. J. Kihn. 109,325-7; Apr. 19.  
 Bottle, Toilet. W. L. Schultz. 110,881; Aug. 16.  
 Bottle vending machine. J. E. Hagstrom. 111,851; Oct. 25.  
 Boutonniere, Artificial flower. F. N. Lewis. 111,773; Oct. 18.  
 Bowl and base therefor, Combined. E. J. Loesch. 110,902; Aug. 16.  
 Bowl or analogous article. K. Kato. 112,606; Dec. 20.  
 Bowl or like article, Fountain. M. Conner. 111,894; Oct. 25.  
 Bowl or similar article. Y. Buma. 108,360; Feb. 8.  
 Bowl or similar article. A. J. Bennett. 111,948; Nov. 1.  
 Bowl or similar article, Compote. R. R. Kostellow. 112,199; Nov. 15.  
 Bowl or similar article, Console. R. A. Kelly. 109,275; Apr. 12.  
 Bowl or similar article, Flower. T. J. Matassa. 109,069; Mar. 20.  
 Bowl or similar article, Mayonnaise. R. A. Kelly. 108,203; Feb. 1.  
 Bowl or similar article, Mixing. A. E. Hull. 108,445; Feb. 15.  
 Bowl or similar article, Salad. R. A. Kelly. 109,276; Apr. 12.  
 Bowl or similar article, Sugar. Y. Buma. 108,357; Feb. 8.  
 Bowl, Shaving. F. N. Lewis. 110,586; July 19.  
 Bowl top, Sugar. W. A. Hart. 108,945; Mar. 22.  
 Bowling alley. K. Gromann. 108,730; Mar. 8.  
 Box. E. L. Arneson. 110,512; July 12.  
 Box. D. L. Gibb. 109,514; May 3.  
 Box. D. Guerlain. 111,025; Aug. 23.  
 Box. S. Smith. 110,651; July 26.  
 Box and mirror, Combined make-up. C. K. Marcell. 109,665-7; May 10.  
 Box and mirror, Combined make-up. C. K. Marcell. 110,006; June 7.  
 Box and mirror, Combined make-up. C. K. Marcell. 110,113; June 14.  
 Box and support therefor, Combination mail. C. Geis. 110,430; July 12.  
 Box, Battery. R. Le Clercq. 111,202-3; Sept. 6.  
 Box, Cigarette. G. C. De Hart. 111,175; Sept. 6.  
 Box, Combination jewelry display. R. Parness and S. Sweet. 107,790; Jan. 4.  
 Box, Cosmetic. A. B. Barnhart. 112,650; Dec. 20.  
 Box, Display. J. G. Allen. 112,357; Nov. 29.  
 Box, Display. J. Dinstman. 110,208; June 21.  
 Box, Display. A. Di Domenico. 111,649; Oct. 11.  
 Box, Display. G. R. Graft. 112,282; Nov. 22.  
 Box, Display. R. A. Nagle. 108,605-6; Feb. 22.  
 Box, Display. A. Neumann. 110,256; June 28.  
 Box, Display. J. E. Thebaud. 110,426; July 5.  
 Box, Display. L. D. Young. 108,186; Jan. 25.  
 Box, Face powder. E. Schiaparelli. 107,796; Jan. 4.  
 Box for a finger nail pencil or similar article. P. S. Hutton. 109,845; May 24.  
 Box for cigarettes, playing cards and the like. H. Lathrop. 108,016; Jan. 18.  
 Box for rings, Display. B. S. Katz. 108,082; Jan. 25.  
 Box for toilet article. C. J. Gross. 109,216; Apr. 12.  
 Box, Fruit. F. R. Leuschen. 109,224; Apr. 12.  
 Box, Jewelry. L. W. Shields. 110,125; June 14.  
 Box or analogous article, Lunch. J. B. Lightfoot and L. A. Trevisan. 109,938; May 31.  
 Box or similar article, Cigarette. W. C. White. 108,632; Mar. 1.  
 Box or similar article, Display. D. Logan. 112,259; Nov. 22.  
 Box or similar article, Display. S. M. Wolfsheim. 109,775-7; May 17.  
 Box or similar article, Jewelry. M. L. Rathbun. 107,792-4; Jan. 4.  
 Box or similar article, Jewelry display. R. Christen. 109,049; Mar. 29.  
 Box or similar article, Lunch. E. Worthington. 112,729-30; Dec. 27.  
 Box or similar container. S. S. Kovacs. 110,869; Aug. 16.  
 Box or similar cosmetic container. A. B. Barnhart. 107,816; Jan. 4.  
 Box, Shirt. H. Wolf. 110,742; Aug. 2.  
 Box, Shoeshine. C. H. Churchill. 107,945; Jan. 18.  
 Box, Storage battery. F. E. Greene. 109,400-01; Apr. 26.  
 Bracelet. J. Balme. 111,779; Oct. 18.  
 Bracelet. D. F. Ebbert. 111,135; Sept. 6.  
 Bracelet. L. Mazer. 110,149; June 21.  
 Bracelet. M. Oppenheim. 109,765; May 17.  
 Bracelet. A. Philippe. 108,880-3; Mar. 22.  
 Bracelet. A. Philippe. 108,885-6; Mar. 22.  
 Bracelet chain. L. Garfinkel. 110,568; July 19.  
 Bracelet chain. E. Prestinari. 108,891; Mar. 22.  
 Bracelet chain. S. Ritter. 110,222; June 21.  
 Bracelet chain. J. Sand. 108,893-6; Mar. 22.  
 Bracelet chain. J. Sand. 109,523; May 3.  
 Bracelet chain. J. Sand. 109,736; May 17.  
 Bracelet chain. J. Sand. 110,402; July 5.  
 Bracelet chain or similar article. O. Placco. 111,086; Aug. 30.  
 Bracelet or similar article. F. di Verdura. 108,781; Mar. 15.  
 Bracelet or similar article. W. W. Hobé. 108,545; Feb. 22.  
 Bracelet or similar article. W. W. Hobe. 109,804; May 24.  
 Bracelet or similar article. S. Scheuer. 108,707; Mar. 8.  
 Bracelet or similar article. J. F. Stedman. 109,158; Apr. 5.  
 Bracelet or similar article, Seven sorrows. J. F. Stedman. 111,230; Sept. 13.  
 Bracelet or the like, Watch. C. H. Kestenman. 110,092; June 14.  
 Bracelet or the like, Watch. L. R. E. Pitman and L. P. Keeler. 110,820; Aug. 9.  
 Bracelet, Watch. E. Prestinari. 109,337-8; Apr. 19.  
 Bracket. A. V. Snyder. 108,811; Mar. 15.  
 Bracket, Concealed hinge. M. Tucker. 109,350-1; Apr. 19.  
 Bracket for a casket or analogous article, Handle. R. Larsen. 108,819; Mar. 15.  
 Bracket for a map or similar article. A. E. MacQuarrie. 108,596; Feb. 22.  
 Bracket for a shelf or similar article, Supporting. A. S. Dunn. 109,886; May 31.  
 Bracket for a shelf or similar article, Supporting. A. S. Dunn. 110,804; Aug. 9.  
 Bracket for supporting an electric iron and cord. A. Savaglio. 108,649; Mar. 1.  
 Bracket, Motion picture projector. F. J. Wenzel. 111,340; Sept. 20.  
 Bracket or similar article, Antenna supporting. J. L. Gilmore. 110,748; Aug. 2.  
 Bracket, Range finder. L. Hartman. 110,582; July 19.  
 Braid or similar article of manufacture. E. Hansmann. 112,302; Nov. 22.  
 Braid, Snake. J. Alpine. 108,147; Jan. 25.



- Brake lever or similar article. D. B. Dickerson. 109,551-2; May 3.
- Brassière. J. Abeles. 109,778; May 17.
- Brassière. I. E. Pecknay. 110,316; June 28.
- Brassière. W. Rosenthal. 112,238; Nov. 15.
- Brassière. S. Stein. 109,159; Apr. 5.
- Bread product, Toasted. L. Neuberger. 110,626; July 26.
- Bread slicing machine. S. Debus. 110,920; Aug. 16.
- Breast pin. R. Gershel. 109,079; Mar. 29.
- Bridge. J. B. Strauss. 108,813; Mar. 15.
- Bridge for an ophthalmic mounting. E. M. Splaine. 108,584; Feb. 22.
- Bridge for an ophthalmic mounting. E. M. Splaine. 110,739; Aug. 2.
- Broiler. F. L. Talge. 109,774; May 17.
- Broiler, Electric. F. C. Kimmel. 109,640; May 10.
- Broiler, Electric. F. L. Talge. 109,360; Apr. 19.
- Broiler, Electric table. J. Fletcher. 112,753; Dec. 27.
- Brooch. V. Wieselthier. 108,902; Mar. 22.
- Brooch and clip, Combination. A. Philippe. 108,806; Mar. 15.
- Brooch or similar article. B. Bauer and E. Steiner. 109,289; Apr. 19.
- Brooch or similar article. B. Bauer and E. Steiner. 112,036; Nov. 8.
- Brooch or similar article. F. de Verdura. 108,118; Jan. 25.
- Brooch or similar article. F. di Verdura. 108,115-6; Jan. 25.
- Brooch or similar article. F. di Verdura. 108,536-7; Feb. 22.
- Brooch or similar article. F. di Verdura. 112,584; Dec. 13.
- Brooch or similar article. L. Gaba. 108,905-10; Mar. 22.
- Brooch or similar article. L. Gaba. 109,213-4; Apr. 12.
- Brooch or similar article. F. Jaske and C. M. Johnson. 108,178-9; Jan. 25.
- Brooch or similar article. A. Klety. 108,124; Jan. 25.
- Brooch or similar article. L. Mazer. 109,875-78; May 31.
- Brooch or similar article. L. Mazer. 109,898; May 31.
- Brooch or similar article. G. Verrecchio. 110,296; June 28.
- Brooch or similar article. G. Verrecchio. 110,469; July 12.
- Brooch or similar article. G. Verrecchio. 112,153-63; Nov. 15.
- Brooch or the like. N. Barbieri. 108,229; Feb. 1.
- Brooch or the like. N. Barbieri. 108,533-4; Feb. 22.
- Brooch or the like. O. J. Agnini and M. C. Granville. 110,532-5; July 19.
- Brooch or the like. O. J. Agnini and M. C. Granville. 110,557-8; July 19.
- Brooch pin or similar article. M. Boucher. 109,292; Apr. 19.
- Brooch pin or similar article. R. Geissmann. 110,141-3; June 21.
- Brooch pin or similar article. A. Katz. 112,148; Nov. 15.
- Brooch pin or similar article. G. Verrecchio. 108,461-71; Feb. 15.
- Brooch, Separable. O. Placco. 111,087; Aug. 30.
- Broom. G. J. Kreissler. 108,978; Mar. 22.
- Brush. R. H. Goldman. 110,517; July 12.
- Brush. E. D. Lukenbill. 110,185-6; June 21.
- Brush and razor holder, Combined. E. J. Jones. 110,090; June 14.
- Brush back. G. Daelemans. 112,364; Nov. 29.
- Brush, Clothes. R. A. Paisley. 111,002; Aug. 23.
- Brush, Hair. C. Jobst. 110,642; July 26.
- Brush, Hand. M. H. Partridge. 112,662-3; Dec. 20.
- Brush or similar article, Dental plate. L. D. Laird. 110,570; July 19.
- Brush or similar article, Lip. C. A. Mureau. 108,577; Feb. 22.
- Brush or the like. F. S. Beveridge. 109,634; May 10.
- Brush or the like. M. H. Partridge and F. W. Weltzel. 111,003; Aug. 23.
- Brush, Scouring. A. Racicot. 110,363; July 5.
- Brush, Window cleaning. F. R. Brown. 111,170; Sept. 6.
- Bucket, Champagne. H. Robinson. 107,795; Jan. 4.
- Buckle. W. O. Cagney. 110,746; Aug. 2.
- Buckle. J. B. Freysinger. 108,476; Feb. 15.
- Buckle. J. B. Freysinger. 112,061; Nov. 8.
- Buckle. I. M. Kestlin. 109,019; Mar. 29.
- Buckle. E. S. Mix. 109,332; Apr. 19.
- Buckle, Belt. R. Slote. 111,228; Sept. 13.
- Buckle-socket, Suspender. C. Buchsbaum. 110,843; Aug. 9.
- Buckle, Wrist watch strap. C. B. Greenberg. 112,561; Dec. 13.
- Buffet. L. Jiranek. 111,768; Oct. 18.
- Buffet or similar article. M. Hanson. 111,142; Sept. 6.
- Buffet or similar article. W. J. Hickerson. 110,541-4; July 19.
- Buffer, Shoe cleaning. H. Daust. 109,944; May 31.
- Building. R. N. Aldrich and A. H. Jachne. 110,138; June 21.
- Building. J. Donovan. 108,876; Mar. 22.
- Building. H. F. Duncan. 111,534; Sept. 27.
- Building. A. W. N. Johnson. 108,786; Mar. 15.
- Building. E. Kaplan. 112,072; Nov. 8.
- Building. E. J. B. La Lumière. 110,466; July 12.
- Building. C. A. Petersen. 109,026; Mar. 29.
- Building. J. H. Shale and L. C. Voelker. 111,667; Oct. 11.
- Building. A. E. Sieber. 108,349; Feb. 8.
- Building front. R. P. Freeman. 109,801; May 24.
- Building material, Insulating. M. Skolnik. 112,568; Dec. 13.
- Building or the like, Service station. J. F. Cheney. 108,535; Feb. 22.
- Building or the like, Service station. H. L. Ebling and H. P. Plunkett. 109,705; May 17.
- Building, Resort. T. R. Morgan. 108,550; Feb. 22.
- Bulb or the like, Hydrometer suction. L. Edelmann. 110,482; July 12.
- Bulletin board. W. W. MacLaughlin, Jr. 111,586; Oct. 4.
- Bumper, Automobile. P. N. Madsen. 112,201; Nov. 15.
- Bumper extension, Automobile. L. A. Koch, Jr. 111,785; Oct. 18.
- Bumper or similar article, Vehicle. H. S. Jandus. 110,698-704; Aug. 2.
- Bumper or similar article, Vehicle. H. S. Jandus. 112,196; Nov. 15.
- Bumper, Vertical. L. S. Poncher. 111,521; Sept. 27.
- Burner, Oil. R. F. Andler. 109,200; Apr. 12.
- Burner, Oil. F. E. Herr. 108,577-8; Feb. 15.
- Button. S. R. Borel. 109,204; Apr. 12.
- Button. S. R. Borel. 111,130; Sept. 6.
- Button. A. F. Donovan. 110,021; June 7.
- Button for a selector member of a radio tuning device. Finger. R. C. Marholz. 109,897; May 31.
- Button or the like. C. E. Goble. 109,399; Apr. 26.
- Cabin, Collapsible automobile. W. N. de Sherbini. 109,129; Apr. 5.
- Cabinet, Air conditioning. A. W. Conley. 107,747; Jan. 4.
- Cabinet, Amusement game. C. R. Kirk. 109,328; Apr. 19.
- Cabinet, Amusement game. J. F. Meyer. 112,644; Dec. 20.
- Cabinet, Amusement game apparatus. B. Radtke. 108,963; Mar. 22.
- Cabinet and display screen, Combined storage. A. S. Carman. 110,268; June 28.
- Cabinet and washbasin, Combined duplex. S. B. Vaughn. 110,530; July 12.
- Cabinet, Beverage cooler. E. Worthington. 110,743; Aug. 2.
- Cabinet, Beverage dispensing. H. H. Harr. 112,145; Nov. 15.
- Cabinet, Cleaning. L. E. Soderquist. 110,368; July 5.
- Cabinet, Combined radio and phonograph. H. T. Roberts. 109,153; Apr. 5.
- Cabinet, Combined sterilizing and implement holding. C. A. Newland. 111,990; Nov. 1.
- Cabinet, Cosmetic. P. W. Marshburn and A. Leydenfrost. 109,068; Mar. 29.
- Cabinet, Dispenser. T. De Stefani. 108,629; Mar. 1.
- Cabinet, Display. F. F. Melvin and B. C. Howell. 108,597; Feb. 22.
- Cabinet, Display. C. F. Simms. 109,818; May 24.
- Cabinet, Display. R. J. Vezina. 111,575; Oct. 4.
- Cabinet, Food. C. F. Hoffman. 109,949; May 31.
- Cabinet for a chlorinator. R. B. Everson. 110,210; June 21.
- Cabinet for a phonograph or the like. H. T. Roberts. 110,880; Aug. 16.
- Cabinet for an actuator governor. H. W. Thorell. 109,744; May 17.
- Cabinet for check controlled apparatus. S. Brown. 107,851; Jan. 11.
- Cabinet for combination radio, phonograph, and microphone. L. A. Herzig. 108,998; Mar. 22.
- Cabinet for indexing and displaying locations on maps, Directory. W. Bushnell. 111,892; Oct. 25.
- Cabinet for lubricating apparatus. A. P. Fox. 108,937-9; Mar. 22.
- Cabinet for phonograph or the like. H. T. Roberts. 109,339-41; Apr. 19.
- Cabinet for radios and the like. N. A. Miller. 108,838; Feb. 8.
- Cabinet for radios or the like. N. A. Miller. 109,519; May 3.
- Cabinet, Fruit and vegetable conditioner. F. R. West. 110,842; Aug. 9.
- Cabinet, Grease. R. K. McCoy. 110,571; July 19.
- Cabinet, Ironing machine. H. W. Alterfor. 110,002; Aug. 23.
- Cabinet, Mixture hurdy gurdy. H. Goldman. 112,737; Dec. 27.
- Cabinet or similar article. A. Bach. 109,973; June 7.
- Cabinet or similar article, Barber's. R. H. Trickle. 108,110; Jan. 25.
- Cabinet or similar article, Display. I. M. Footlik. 109,305; Apr. 26.
- Cabinet or similar article, Medicine. E. J. Swanson. 108,756; Mar. 8.
- Cabinet or similar container for lubricants. A. P. Fox. 111,249; Sept. 13.
- Cabinet, Phonograph. W. Corcoran. 111,508; Sept. 27.
- Cabinet, Phonograph. P. M. Fuller. 109,535; May 8.
- Cabinet, Phonograph. P. M. Fuller. 111,598 9; Oct. 4.
- Cabinet, Phonograph. P. M. Fuller. 111,702; Oct. 11.
- Cabinet, Phonograph. P. M. Fuller. 112,141; Nov. 8.
- Cabinet, Phonograph. P. M. Fuller. 112,521; Dec. 13.



- Cabinet, Phonograph. G. A. Gast. 109,657; May 10.  
 Cabinet, Phonograph. W. Nathanson. 112,485; Dec. 6.  
 Cabinet, phonograph cabinet and desk, Combined radio. W. Jagosz. 111,514; Sept. 27.  
 Cabinet, Physician's equipment. J. Beeber. 111,503; Sept. 27.  
 Cabinet, Radio. O. N. Christensen. 109,635; May 10.  
 Cabinet, Radio. I. Feitler. 109,040; Mar. 29.  
 Cabinet, Radio. A. L. Herron. 107,995; Jan. 18.  
 Cabinet, Radio. R. C. Marholz. 110,707; Aug. 2.  
 Cabinet, Radio. L. J. Wronke and R. C. Marholz. 109,171; Apr. 5.  
 Cabinet, Radio bar. O. M. Snead. 109,537; May 3.  
 Cabinet, Radio receiver. V. A. Kamin. 108,977; Mar. 22.  
 Cabinet, Radio receiver. L. J. Wronka. 112,225-6; Nov. 15.  
 Cabinet, Refrigerated dispensing. G. W. Cocks. 112,169; Nov. 15.  
 Cabinet, Refrigerator. C. A. Frick. 107,767; Jan. 4.  
 Cabinet, Refrigerator. E. L. Hayes. 112,253; Nov. 22.  
 Cabinet, Refrigerator. R. Loewy. 112,080; Nov. 8.  
 Cabinet, Refrigerator. R. E. Patten. 109,644; May 10.  
 Cabinet, Sewing. G. Hale. 108,671; Mar. 1.  
 Cabinet, Sewing. H. G. Romberg. 111,645; Oct. 4.  
 Cabinet, Sewing machine. M. S. Park. 109,150; Apr. 5.  
 Cabinet, Shooting range. G. Walker. 110,376-7; July 5.  
 Cabinet, Spool display. B. J. Graham. 107,957; Jan. 18.  
 Cabinet, Stove. H. E. Thelen. 109,164; Apr. 5.  
 Cabinet, Telephone. T. N. Saaty. 109,648; May 10.  
 Cabinet, Teleprinter. V. Weidner. 110,126; June 14.  
 Cabinet top, Amusement machine. H. E. Williams and L. A. Durant. 112,686; Dec. 27.  
 Cabinet, Towel dispensing. B. E. Ebert. 112,520; Dec. 13.  
 Cabinet, Vending machine. W. A. Tratsch. 109,030; Mar. 29.  
 Cable, Electric. G. Koger. 111,981; Nov. 1.  
 Cage, Bird. E. W. Little. 112,609; Dec. 20.  
 Cage, Bird. N. A. Olson. 111,570; Oct. 4.  
 Cage, Bird. E. Stern. 109,160; Apr. 5.  
 Camera. W. D. Teague. 107,976; Jan. 18.  
 Camera. W. D. Teague. 109,629; May 10.  
 Camera or similar article. G. Kende and P. J. Browncombe. 110,027; June 7.  
 Camera or similar article. G. Kende and P. J. Browncombe. 110,323; June 28.  
 Camera or similar article. G. Kende and W. F. Yevick. 110,028; June 7.  
 Camera or similar article. J. D. Milne. 111,986; Nov. 1.  
 Camera, Photographic. G. Fassin. 110,516; July 12.  
 Can or similar container. S. S. Kovacs. 110,868; Aug. 18.  
 Can or similar container. G. A. Sexton. 110,501; July 12.  
 Can, Sanitary waste. J. F. Geibel. 108,642; Mar. 1.  
 Candelabra. G. Goughnour. 110,179; June 21.  
 Candelabrum. M. F. Schachter. 110,631; July 26.  
 Candle drip catcher. H. W. Muller. 112,374; Nov. 29.  
 Candle holder or similar article. R. A. Kelly. 108,624; Mar. 1.  
 Candle, Translucent. W. Seaver. 111,775; Oct. 18.  
 Candlestick and flower holder, Combined. G. Goughnour. 110,145; June 21.  
 Candlestick or similar article. R. A. Kelly. 108,208; Feb. 1.  
 Canister, Windowed. R. S. Hirschland. 112,656; Dec. 20.  
 Canopy, Service station. R. N. Aldrich and A. H. Jaehne. 109,650; May 10.  
 Cap. R. M. Lippmann. 110,941; Aug. 16.  
 Cap, Agitator. T. J. Little, Jr. 108,158; Jan. 25.  
 Cap and muffler, Combined. L. Tannenbaum. 108,757; Mar. 8.  
 Cap, Bottle. S. H. A. Young. 108,353; Feb. 8.  
 Cap, Container. G. Wilmet. 111,099; Aug. 30.  
 Cap, Closure. J. C. Windbiel. 111,450; Sept. 20.  
 Cap for a jar or the like, Closure. W. P. White. 111,097; Aug. 30.  
 Cap for bottles, Metal. L. R. N. Carvalho. 112,513; Dec. 13.  
 Cap for burial casket handles. S. Junkunc, Jr. 112,284; Nov. 22.  
 Cap, Knitted. P. H. Schmidt. 111,716; Oct. 11.  
 Cap, Lady's. H. Harnick and J. Saslow. 109,016; Mar. 29.  
 Cap or like article, Molded bottle. A. D. Paull and J. S. Kelly. 109,024; Mar. 29.  
 Cap, Pouring spout. L. F. Werner. 112,649; Dec. 20.  
 Cap, Receptacle closure. C. McQuinn. 110,817; Aug. 9.  
 Cape. B. Cohn. 109,654; May 10.  
 Cape. J. J. Kushner. 108,731; Mar. 8.  
 Cape. J. J. Kushner. 108,733; Mar. 8.  
 Cape. P. Schuessel. 109,941; May 31.  
 Cape. M. L. Strauss. 108,740; Mar. 8.  
 Cape. M. Teller. 108,520-1; Feb. 15.  
 Carpet or similar article, Lace. R. Scheiwiller. 111,272; Sept. 13.  
 Car, Juvenile. R. A. Klatt. 109,988; June 7.  
 Car or similar article, Rail. D. H. Bell. 110,384; July 5.  
 Card and pencil, Combined display. H. Hassenfeld. 111,492; Sept. 27.  
 Card, Playing. O. S. Ottewill. 112,292; Nov. 22.  
 Carpet or similar article. W. Brown. 111,117; Aug. 30.  
 Carpet or similar article. W. O. Dewsbury. 109,827; May 24.  
 Carriage for lubricating apparatus. F. S. Barks. 108,926; Mar. 22.  
 Carrier for bicycles or the like, Luggage. E. F. Pawsat. 109,727; May 17.  
 Carton, Dispensing. H. W. Muller. 112,411; Nov. 29.  
 Carton, Display. E. Funke. 110,485; July 12.  
 Case, Article display. T. J. Pilliod. 108,580; Feb. 22.  
 Case, Battery. E. Arens. 112,099-100; Nov. 8.  
 Case, Bottle carrying. R. E. Dudley. 110,691; Aug. 2.  
 Case, Cigarette. A. Melow. 109,850; May 24.  
 Case, Clock. L. I. Bruce. 112,594-6; Dec. 20.  
 Case, Clock. R. Patten. 110,441; July 12.  
 Case, Combined display and sales. J. F. Urbanek. 109,507; May 3.  
 Case, Cosmetic. A. B. Barnhart. 107,738; Jan. 4.  
 Case, Cosmetic. A. B. Barnhart. 112,651; Dec. 20.  
 Case, Display. C. F. Hoffman. 109,405; Apr. 26.  
 Case, Display. P. M. Kleinwachter. 112,149; Nov. 15.  
 Case, Display. R. E. Ottenheimer. 111,082; Aug. 30.  
 Case, Display. T. A. Schutz. 111,912; Oct. 25.  
 Case, Display. J. Tyler. 111,867; Oct. 25.  
 Case, Flashlight. A. Gelardin. 108,202; Feb. 1.  
 Case for a thermostat or similar article, Wall. W. A. Ray. 110,878-9; Aug. 16.  
 Case for ophthalmic mountings. A. J. Pratt. 110,442; July 12.  
 Case for radio receiving or transmitting apparatus. S. J. Levy. 112,287; Nov. 22.  
 Case for watches, Display. A. S. Braude. 108,420; Feb. 15.  
 Case, Hand luggage. G. H. Wheary. 108,254; Feb. 1.  
 Case, Instrument. H. B. Brown. 108,422; Feb. 15.  
 Case, Moving picture film shipping. J. M. Goldberg. 108,941; Mar. 22.  
 Case, Musical instrument. H. Buegeleisen. 108,636; Mar. 1.  
 Case or similar article, Cigarette. F. di Verdura. 108,117; Jan. 25.  
 Case or similar article, Cigarette. G. W. Headley, 3rd. 110,864; Aug. 16.  
 Case or similar article, Cigarette. G. W. Headley, 3rd. 111,653; Oct. 11.  
 Case or similar article, Display. A. J. Long, Jr. 108,266; Feb. 1.  
 Case or similar article, Handkerchief. S. Biondo and A. M. Langen. 111,275; Sept. 13.  
 Case or similar article, Lipstick. F. Spitalny. 109,649; May 10.  
 Case or similar article, Sewing. J. H. Reichart. 109,733; May 17.  
 Case or similar article, Vanity. H. A. Adams. 109,043; Mar. 29.  
 Case or similar article, Vanity. G. Gamble. 111,177; Sept. 6.  
 Case or similar article, Vanity. F. Spitalny. 111,668-9; Oct. 11.  
 Case or similar article, Vanity. F. Spitalny. 112,003-5; Nov. 1.  
 Case or similar article, Vanity. D. H. Zell. 108,590; Feb. 22.  
 Case or the like, Key. N. A. Mercer. 111,587; Oct. 4.  
 Case or the like, Service station display. R. O. Munson. 108,454; Feb. 15.  
 Case or the like, Tip-over switch. P. S. Bear and H. E. Bucklen. 111,780; Oct. 18.  
 Case, Piano. W. M. Day. 108,069-70; Jan. 25.  
 Case, Piano. W. M. Day. 108,933-5; Mar. 22.  
 Case, Piano. W. M. Day. 109,698; May 17.  
 Case, Piano. W. M. Day. 110,669; July 26.  
 Case, Piano. W. M. Day. 110,802; Aug. 9.  
 Case, Piano. F. Huettelman. 110,671; July 26.  
 Case, Piano. L. Jiranek. 107,870; Jan. 11.  
 Case, Piano. S. E. Zack. 112,352-3; Nov. 29.  
 Case, Refrigerated display. G. J. Hopkins. 107,775; Jan. 4.  
 Case, Refrigerator display. J. Tyler. 111,868; Oct. 25.  
 Case, Safety razor. L. W. Harlem. 109,480; May 3.  
 Case, Sewing set. G. R. Graff. 110,766; Aug. 2.  
 Case, Spectacle. S. L. Lachter. 112,073; Nov. 8.  
 Case, Timer. R. E. Patten. 110,906; Aug. 16.  
 Case, Timing. R. E. Patten. 109,023; Mar. 29.  
 Case, Toilet. A. Schmidt. 112,723; Dec. 27.  
 Case, Toilet article. G. R. Graff. 111,536-9; Sept. 27.  
 Case, Toothpick. T. L. Keough. 112,640; Dec. 20.  
 Case, Vanity. A. Wewetzer. 107,897-8; Jan. 11.  
 Case, Vanity. A. Wewetzer. 111,528-9; Sept. 27.  
 Case, Wrist watch. H. Rentler. 110,578; July 19.  
 Case, Wrist watch. J. R. Graef. 112,417; Dec. 6.  
 Case, Wrist watch. A. Wuischpard. 111,530; Sept. 27.  
 Casing, Air conditioning. C. A. Arnold and E. P. Hanson. 107,901; Jan. 11.  
 Casing, Air valve. E. J. Lux. 108,335; Feb. 8.  
 Casing and base therefor, Combined stove. J. R. Morgan. 110,673; July 26.  
 Casing and bracket therefor, Combined air conditioning control. L. L. Friez. 110,414; July 5.  
 Casing, and meat chopper and pan, Combined power unit. G. P. and D. G. Anderson. 109,972; June 7.  
 Casing, Clock. P. G. Darrot. 109,210; Apr. 12.  
 Casing, Clock. P. G. Darrot. 109,476; May 3.  
 Casing, Clock. M. Schlenker. 110,124; June 14.



- Casing, Coin operated machine. J. O. Reinicke. 112,180; Nov. 15.
- Casing, Combined wringer and washing machine. R. W. Franklin. 109,709; May 17.
- Casing, Compressed air dispensing. J. C. Woodford. 110,043; June 7.
- Casing, Dispensing. E. H. Bradley. 108,063; Jan. 25.
- Casing, Dry shaver. G. Wilmet. 109,903-6; May 31.
- Casing, Electric fence control. S. A. Moore. 110,152; June 21.
- Casing, Electric heater. A. B. Conant. 108,931; Mar. 22.
- Casing, Electric remote controller. L. J. Andres. 111,777-8; Oct. 18.
- Casing, Fan. H. Thomas and C. F. Lockwood. 109,539; May 3.
- Casing for an electric shaver. G. T. Scharfenberg. 111,573; Oct. 4.
- Casing for speech input apparatus. J. B. Van Dyke. 112,747; Dec. 27.
- Casing, Flashlight. W. W. Cargill. 110,267; June 28.
- Casing, Flashlight. W. P. Coleman. 110,270; June 28.
- Casing, Flashlight. B. F. Muldoon. 108,922; Mar. 22.
- Casing, Flashlight. H. Rothenberg and L. C. Grimsley. 109,758; May 17.
- Casing for a calorimetric device. C. B. Stevens. 108,460; Feb. 15.
- Casing for a recording machine. R. J. Niederhauser. 111,520; Sept. 27.
- Casing for a suction cleaner or similar article. F. L. Pierce. 107,884; Jan. 11.
- Casing for a vanity mirror. O. C. Ritz-Woller. 110,499; July 12.
- Casing for an autographic register. R. Katz. 112,575-6; Dec. 13.
- Casing for an ozonizer. H. V. Hjermstad and P. F. Sperry. 110,025; June 7.
- Casing for automobile heater or the like. J. R. Morgan. 108,794; Mar. 15.
- Casing for combined washing machine and drier. J. R. Morgan. 111,109; Aug. 30.
- Casing for electric air driers. E. S. Hewitt. 110,001; June 7.
- Casing for electric clipper or the like, Handle. J. A. Hanley. 108,542; Feb. 22.
- Casing for liquid dispensing apparatus. H. O. Grimmeisen, W. C. Leitch, and W. H. de Lancey. 112,064; Nov. 8.
- Casing for shaving implements. E. Worthington. 111,232; Sept. 13.
- Casing for unit heater or similar article. C. R. T. Hess. 108,512; Feb. 15.
- Casing, Furnace. W. S. Somers. 112,002; Nov. 1.
- Casing, Heater. C. E. Meyerhoefer. 112,124; Nov. 8.
- Casing, Lubricator. R. P. Field. 111,895-7; Oct. 25.
- Casing or similar article, Motor vehicle heater. J. L. Loughrey and F. Acton. 109,147; Apr. 5.
- Casing or similar article, Parking meter. J. F. Lindberg. 112,079; Nov. 8.
- Casing or the like, Vending machine. J. Tavis. 111,865; Oct. 25.
- Casing, Parking meter. R. Broussard and C. A. Toce. 108,712; Mar. 8.
- Casing, Parking meter. R. Broussard, C. A. Toce, and C. Waltman. 109,034; Mar. 29.
- Casing, Parking meter. P. R. Finch and J. M. Johnson. 108,728; Mar. 8.
- Casing, Parking meter. S. L. Miller. 110,754; Aug. 2.
- Casing, Radio. I. Noguchi. 108,837; Mar. 15.
- Casing, Scale. H. L. van Doren. 109,992; June 7.
- Casing, Steering column switch. W. Trautner. 108,502; Feb. 15.
- Casing, Stove. J. R. Morgan. 110,674; July 26.
- Casing, Vacuum cleaner. R. E. Kruck. 109,892-3; May 31.
- Casing, Vacuum cleaner. H. J. McAllister. 108,102; Jan. 25.
- Casing, Vacuum cleaner. F. L. Vernon. 109,824; May 24.
- Casing, Vending machine. P. Müller-Munk. 112,208; Nov. 15.
- Casing, Vending machine. J. C. Trice. 112,295; Nov. 22.
- Casket. J. A. Christian. 109,976-7; June 7.
- Casket. A. R. Christian. 111,846; Oct. 25.
- Casket. A. J. Christian. 112,054; Nov. 8.
- Casket. C. Schwendler. 111,862; Oct. 25.
- Casket shell. A. R. Christian. 111,847; Oct. 25.
- Casket shell, Burial. H. S. Scholl. 111,999-112,000; Nov. 1.
- Casserole or similar article. W. K. Titze. 111,314; Sept. 13.
- Casserole or similar article, Glass. M. A. Smith. 110,678; July 26.
- Caster. C. J. Johnson. 108,948; Mar. 22.
- Cutlery unit. J. A. Korengold. 112,435; Dec. 6.
- Cigarette and ash receiver, Combination. R. L. Walters. 108,901; Mar. 22.
- Collaret. W. R. Hupfman. 110,067; June 14.
- Centerpiece for table decoration. E. A. Aldrich. 109,288; Apr. 19.
- Centerpiece, Illuminated. J. C. Minchin. 107,881; Jan. 11.
- Chain. F. Armbrust. 109,688; May 17.
- Chain and skirt guard, Combined. J. R. Morgan. 109,814; May 24.
- Chain, Bracelet. E. Prestinari. 109,336; Apr. 19.
- Chain, Bracelet. S. Ritter. 110,099; June 14.
- Chain, Bracelet. J. Sand. 109,342; Apr. 19.
- Chain or the like, Bracelet. C. H. Kestenman. 110,093; June 14.
- Chair. P. Bandrimer and J. Perloff. 112,749; Dec. 27.
- Chair. A. J. Baum. 112,270; Nov. 22.
- Chair. W. H. Bond, Jr. 109,005; Mar. 22.
- Chair. W. H. Bond, Jr. 111,317; Sept. 20.
- Chair. W. H. Bond, Jr. 111,485; Sept. 27.
- Chair. W. H. Bond, Jr. 111,505; Sept. 27.
- Chair. W. H. Bond, Jr. 112,051; Nov. 8.
- Chair. W. G. Carlson. 109,471; May 3.
- Chair. F. C. Castell. 112,597; Dec. 20.
- Chair. K. F. Davis and J. J. Josephs. 111,906; Oct. 25.
- Chair. D. Deskey. 111,850; Oct. 25.
- Chair. J. F. Eppenstein. 110,386-7; July 5.
- Chair. A. S. Goldberg. 112,194; Nov. 15.
- Chair. W. J. Hickerson. 110,545-7; July 19.
- Chair. E. M. Johnson. 108,877; Mar. 22.
- Chair. E. M. Johnson. 109,715; May 17.
- Chair. R. Mulwitz and H. G. Jennings. 107,967; Jan. 18.
- Chair. D. Powell. 108,888-9; Mar. 22.
- Chair. D. Powell. 109,152; Apr. 5.
- Chair. D. Powell. 109,532; May 3.
- Chair. D. Powell. 109,729; May 17.
- Chair. I. Salomon. 109,422-5; Apr. 26.
- Chair. I. Salomon. 110,365; July 5.
- Chair. I. Salomon. 111,032; Aug. 23.
- Chair. H. A. Sperlich. 112,453; Dec. 6.
- Chair. D. H. Whitehead. 108,665; Mar. 1.
- Chair. F. L. Wright. 108,473; Feb. 15.
- Chair and desk, Combined. W. H. Bond, Jr. 111,953; Nov. 1.
- Chair and footstool, Combined rocking. C. K. Hasenstein. 111,200; Sept. 6.
- Chair and stepladder, Combined. L. Sunquist and M. Blythe. 111,670; Oct. 11.
- Chair, Arm. T. W. Foote. 109,055; Mar. 29.
- Chair arm rest and ash receptacle, Combined. C. Miller. 109,301; Apr. 19.
- Chair back. J. B. O'Connor. 112,348; Nov. 29.
- Chair back or similar article. H. W. Kranz. 111,324; Sept. 20.
- Chair, Child's. G. M. Roberts. 112,045; Nov. 8.
- Chair, Counter. T. I. Anderson. 112,167; Nov. 15.
- Chair, hook, and lamp, Combined. J. B. Richardson. 111,911; Oct. 25.
- Chair or similar article. A. Armour. 110,791; Aug. 9.
- Chair or similar article. B. Bunder. 109,433; Apr. 26.
- Chair or similar article. R. Connor. 111,825; Oct. 18.
- Chair or similar article. A. H. Gabb. 108,940; Mar. 22.
- Chair or similar article. J. D. Rogers. 109,230; Apr. 12.
- Chair or similar article. J. D. Rogers. 109,420-1; Apr. 26.
- Chair or similar article. G. D. Wood. 110,556; July 19.
- Chair or similar article, Lawn. I. Wolpin. 109,239; Apr. 12.
- Chair or similar article, Upholstered. A. Bach. 109,468; May 3.
- Chair or similar article, Upholstered. A. Bach. 109,691-2; May 17.
- Chair or similar article, Upholstered. A. Bach. 110,667; July 26.
- Chair or the like. H. Hollander. 109,891; May 31.
- Chair standard. W. H. Bond, Jr. 112,334; Nov. 29.
- Chair, Tearoom. L. M. Michelson. 108,750; Mar. 8.
- Chaise, Sun. A. Wesley. 111,601; Sept. 27.
- Charm, Good luck. E. L. Westmoreland. 112,748; Dec. 27.
- Charm, Key. M. Jones. 111,262; Sept. 13.
- Chart or similar article, Guide. S. J. Sigaloff. 111,998; Nov. 1.
- Chart or similar article, Guide. S. J. Sigaloff. 112,092; Nov. 8.
- Check imprinting machine or similar article. W. B. Payne and R. C. Browne. 111,190; Sept. 6.
- Check or similar article. R. C. Browne. 111,171; Sept. 6.
- Chemical analysis, Apparatus for. H. M. Jones. 109,217; Apr. 12.
- Chessmen. G. W. Slater. 107,800; Jan. 4.
- Chessmen or similar articles. R. W. Danon. 111,848-9; Oct. 25.
- Chest of drawers. W. J. Hickerson. 109,985-7; June 7.
- Chest of drawers. D. H. Whitehead. 108,634; Mar. 1.
- Chest or similar article. M. Hanson. 112,114; Nov. 8.
- Chest or similar receptacle. L. A. Nelson. 112,376; Nov. 29.
- Chime, Musical. E. G. Evans. 107,757-60; Jan. 4.
- Chime, Musical. E. G. Evans. 112,694; Dec. 27.
- Chimney, Lantern. E. J. Fraser. 108,071; Jan. 25.
- Chopper, Food. H. E. A. Rable. 111,217; Sept. 13.
- Chopper unit, Combination food. F. R. Gerard. 110,923; Aug. 16.
- Chute, Mail. R. Pryne. 112,378; Nov. 29.
- Cigarette snuffer and tray, Combined. P. Schildknecht. 112,539; Dec. 13.
- Circulator, Safety floor. W. L. Kisting. 109,012; Mar. 22.
- Clamp for use in vulcanizing. P. Van Cleef. 109,902; May 31.
- Clasp, Collar. F. R. Yeast. 110,090; Aug. 23.
- Cleaner, Oil. H. A. Murphy. 109,643; May 10.
- Cleaner, Vacuum. L. B. Salt. 111,680; Oct. 11.



- Clinch-nut machine. P. E. Double and F. Wascher. 109,181; Apr. 5.
- Clip. G. A. J. Bezault. 110,635; July 26.
- Clip for sanitary garments. J. D. Farkas. 112,603; Dec. 20.
- Clip or similar article. D. Cooper. 112,038; Nov. 8.
- Clip or similar article. A. Katz. 107,776; Jan. 4.
- Clip or the like, Pin. F. E. Karples. 111,769; Oct. 18.
- Clip, Pen. A. Philippe. 108,797-805; Mar. 15.
- Clip, Pin. A. Philippe. 108,807-810; Mar. 15.
- Clip, Pen and pencil. C. E. Marshall. 107,964-5; Jan. 18.
- Clip, Pen and pencil. C. E. Marshall. 109,412-13; Apr. 26.
- Clip, Pin. A. Philippe. 110,290-3; June 28.
- Clock. F. S. Carpenter. 108,488; Feb. 15.
- Clock. J. G. Jenkins. 109,323; Apr. 19.
- Clock. R. V. Kohn. 109,847; May 24.
- Clock. F. Lux. 109,227; Apr. 12.
- Clock. R. Magro. 112,610; Dec. 20.
- Clock. D. B. Marshall. 112,611-12; Dec. 20.
- Clock. J. R. Morgan. 108,341; Feb. 8.
- Clock. J. I. Silvers. 112,383; Nov. 29.
- Clock. G. H. Stephens. 108,482; Feb. 15.
- Clock, Advertising. H. Yonofsky and H. Thorstensen. 112,627; Dec. 20.
- Clock and calendar, Combination. H. W. Lamport. 110,489; July 12.
- Clock and weather and temperature indicator, Combination. O. G. Williams. 108,007; Jan. 18.
- Clock face. W. D. Teague. 108,586; Feb. 22.
- Clock face and metronome, Combined. A. H. Wolsfeld. 108,274; Feb. 1.
- Closure attachment for a pitcher or similar article. R. H. Pershall. 109,789; May 17.
- Closure plate for vehicle wheels or the like. F. W. Burger. 108,775-6; Mar. 15.
- Clothesline tightener. M. Bocchino. 107,944; Jan. 18.
- Clothespin. R. G. Wood. 112,390; Nov. 29.
- Coaster and ashtray, Combination. S. F. Bowen. 109,510; May 3.
- Coaster wagon. J. B. Eck. 109,315; Apr. 19.
- Coat. A. Alper. 111,483; Sept. 27.
- Coat. L. Arons. 109,362; Apr. 19.
- Coat. S. Babus. 112,546; Dec. 13.
- Coat. M. Bagedonow. 108,386-8; Feb. 8.
- Coat. P. H. Bailey. 111,803; Oct. 18.
- Coat. A. Carnicelli. 111,014; Aug. 23.
- Coat. I. Cohen. 109,127; Apr. 5.
- Coat. I. Cohen. 109,434; Apr. 26.
- Coat. I. Cohen. 109,543-5; May 3.
- Coat. I. Cohen. 109,636; May 10.
- Coat. I. Cohen. 109,798; May 24.
- Coat. I. Cohen. 109,933; May 31.
- Coat. I. Cohen. 110,479; July 12.
- Coat. D. Coplin. 110,958; Aug. 23.
- Coat. W. Devitz. 109,178; Apr. 5.
- Coat. S. H. Dick. 109,700-3; May 17.
- Coat. S. H. Dick. 109,829; May 24.
- Coat. S. H. Dick. 110,480-1; July 12.
- Coat. S. H. Dick. 111,198; Sept. 6.
- Coat. M. Feld. 110,352; July 5.
- Coat. D. Gerelick. 111,762; Oct. 18.
- Coat. L. Ghinn. 111,075; Aug. 30.
- Coat. I. Goldberg. 111,963; Nov. 1.
- Coat. E. Goldstein. 108,745; Mar. 8.
- Coat. E. Grossman. 108,284; Feb. 1.
- Coat. J. Henschel. 109,712; May 17.
- Coat. J. Henschel. 109,936; May 31.
- Coat. J. Henschel. 110,056; June 7.
- Coat. J. Henschel. 110,215; June 21.
- Coat. J. Henschel. 110,247; June 28.
- Coat. J. Henschel. 110,303; June 28.
- Coat. I. Jacobs. 109,139; Apr. 5.
- Coat. J. Kinzler. 110,523; July 12.
- Coat. S. C. Klein. 111,707; Oct. 11.
- Coat. S. C. Klein. 111,810; Oct. 18.
- Coat. S. C. Klein. 112,554; Dec. 13.
- Coat. E. Klepper. 112,117; Nov. 8.
- Coat. J. J. Kushner. 108,732; Mar. 8.
- Coat. J. J. Kushner. 109,277; Apr. 12.
- Coat. F. Lato. 110,970; Aug. 23.
- Coat. R. Lieberman. 109,329-30; Apr. 19.
- Coat. B. Lefrak. 111,474; Sept. 20.
- Coat. F. Lato. 110,925; Aug. 16.
- Coat. I. Marks. 108,183; Jan. 25.
- Coat. J. Matis. 110,420; July 5.
- Coat. H. Miller. 108,031; Jan. 18.
- Coat. H. Miller. 108,601; Feb. 22.
- Coat. L. Newman. 110,657; July 26.
- Coat. L. Newman. 111,991; Nov. 1.
- Coat. S. Prestily. 110,588-9; July 19.
- Coat. S. Prestily. 110,660; July 26.
- Coat. S. Prestily. 110,930; Aug. 16.
- Coat. S. Lo Prete. 109,561-4; May 3.
- Coat. S. Lo Prete. 109,718; May 17.
- Coat. S. Lo Prete. 110,218; June 21.
- Coat. S. Lo Prete. 110,492; July 12.
- Coat. N. Prigozen. 108,870-1; Mar. 15.
- Coat. N. Prigozen. 110,688; July 26.
- Coat. J. M. Riordan. 110,059; June 7.
- Coat. J. M. Riordan. 110,663; July 26.
- Coat. M. L. Romer. 110,755-6; Aug. 2.
- Coat. M. L. Romer. 111,293; Sept. 13.
- Coat. M. L. Romer. 111,816; Oct. 18.
- Coat. J. Schumer. 110,664-5; July 26.
- Coat. J. Schumer. 110,836-8; Aug. 9.
- Coat. J. Schumer. 111,618; Oct. 4.
- Coat. A. Shotland. 111,499; Sept. 27.
- Coat. A. Shotland. 112,133-4; Nov. 8.
- Coat. A. Shotland. 112,668; Dec. 20.
- Coat. J. A. Silverman. 107,914; Jan. 11.
- Coat. J. A. Silverman. 108,038-41; Jan. 18.
- Coat. J. A. Silverman. 108,302-3; Feb. 1.
- Coat. J. A. Silverman. 108,407; Feb. 8.
- Coat. J. A. Silverman. 108,516; Feb. 15.
- Coat. J. A. Silverman. 110,156; June 21.
- Coat. J. A. Silverman. 110,983-4; Aug. 23.
- Coat. J. A. Silverman. 111,294; Sept. 13.
- Coat. J. A. Silverman. 111,619; Oct. 4.
- Coat. J. A. Silverman. 111,718-9; Oct. 11.
- Coat. J. A. Silverman. 111,818; Oct. 18.
- Coat. J. A. Silverman. 112,567; Dec. 13.
- Coat. M. P. Sonberg. 110,370-2; July 5.
- Coat. M. P. Sonberg. 110,757; Apr. 2.
- Coat. M. P. Sonberg. 110,932; Aug. 16.
- Coat. J. Steinberg. 110,758; Aug. 2.
- Coat. S. Wieder. 112,726; Dec. 27.
- Coat. B. Weinstein and J. Pine. 109,098; Mar. 29.
- Coat. D. Zelinka. 111,823; Oct. 18.
- Coat. H. Zuckerman. 110,666; July 26.
- Coat and cape, Combined. R. W. Hill. 110,848; Aug. 9.
- Coat and vest, Combination. L. C. Solo. 109,157; Apr. 5.
- Coat, Child's. B. Fischer. 110,411; July 5.
- Coat, Child's. B. Fischer. 111,282; Sept. 13.
- Coat ensemble. T. di Pretore. 108,174; Jan. 25.
- Coat, House. I. Geist. 112,232; Nov. 15.
- Coat or similar article, Beach. L. C. Asch. 111,827; Oct. 18.
- Coat tree. O. Rondeau. 109,302; Apr. 19.
- Coffee brewer. C. Abrams. 107,847; Jan. 11.
- Coffeepot. F. Spina. 110,827; Aug. 9.
- Coffeepot or similar article. W. D. Haviland. 109,890; May 31.
- Coin control device. K. C. Shyvers. 112,620; Dec. 20.
- Coin control device and mounting therefor, Combination. K. C. Shyvers. 112,621; Dec. 20.
- Coin control device for vending machines. J. W. Srodulski. 109,237; Apr. 12.
- Coin holder or similar article. P. S. Steward. 109,822; May 24.
- Collar. J. A. Silverman. 109,569; May 3.
- Collar, Lace. E. Roth. 110,908-10; Aug. 16.
- Collar or similar article, Lace. W. F. Breuss. 110,476; July 12.
- Collar or similar article, Lace. W. F. Breuss. 110,514; July 12.
- Collar, Shirt. W. Gladden. 110,415; July 5.
- Comb. J. G. Lipic, Jr. 109,067; Mar. 29.
- Comb. H. J. Schhammer. 108,347-8; Feb. 8.
- Comb and curler, Combination. L. N. Johnson. 110,999; Aug. 23.
- Comb and manicuring implement, Combination. H. J. Suhadolc. 111,475; Sept. 20.
- Comb, Curling. D. D. Whyte. 111,122; Aug. 30.
- Comb, Decorative. S. F. Kayn. 109,950; May 31.
- Comb or similar article. J. Kahn. 108,238; Feb. 1.
- Comb or similar article. J. Kahn. 110,002; June 7.
- Comfortable. L. Goodstein. 109,964-5.
- Comfortable. J. May. 107,895; Jan. 11.
- Comfortable. W. H. May. 109,102-3; Mar. 29.
- Compact. S. E. Wallace. 108,589; Feb. 22.
- Compact and cigarette case, Combination. F. N. Lewis. 110,814; Aug. 9.
- Compact or similar article. W. T. Parkin. 111,662; Oct. 11.
- Compact, Transparent cosmetic. A. R. Botham. 109,205; Apr. 12.
- Compact, Transparent cosmetic. A. R. Botham. 111,061; Aug. 30.
- Compressor, Motor driven portable. J. W. Jones. 108,001; Jan. 18.
- Confection. H. W. Huse. 111,971; Nov. 1.
- Confection and handle, Combined frozen. M. Lazow. 108,546; Feb. 22.
- Confection and handle, Combined frozen. M. Lazow. 110,148; June 21.
- Confection, Frozen. W. S. Watts. 110,379-80; July 5.
- Confection, Toy. J. W. Glenn. 109,135; Apr. 5.
- Confectionery, Piece of. W. S. Brodes. 108,726; Mar. 8.
- Confectionery product. P. Ariolo. 108,256; Feb. 1.
- Connector, Electrical. L. Guild. 109,912; May 31.
- Connector, Twisted multiple. E. H. Gawthra. 109,293; Apr. 19.
- Connection for a sectional handle. H. Siemund. 110,911; Aug. 16.
- Container. W. F. Schmalz. 110,649; July 26.
- Container and base therefor, Combined. R. H. Arbib. 111,104; Aug. 30.
- Container and dispenser for nested dishes or the like, Combined. A. S. Bowes. 112,751; Dec. 27.
- Container and display cabinet, Combined article. T. J. Pilliod. 108,345; Feb. 8.
- Container and individual receptacle, Combination. J. T. Havekost. 110,640; July 26.
- Container and serving tray, Combined cake. C. G. Nesbitt. 112,347; Nov. 29.
- Container and thread display, Combined. A. B. Collingbourne. 112,266; Nov. 22.
- Container cap. C. McQuinn. 112,289; Nov. 22.
- Container, Cigarette. J. H. Horsley. 111,969; Nov. 1.



- Container closure. R. Bernhardt. 110,559; July 19.  
 Container, Cosmetic. R. B. Ridenour. 109,358; Apr. 19.  
 Container for a drinking receptacle or similar article. P. J. Swofford. 109,163; Apr. 5.  
 Container for bath salts and bath cologne, Combination. R. B. Karoff. 109,064; Mar. 29.  
 Container for drinking glasses, Revolving. L. J. Gordon. 112,172; Nov. 15.  
 Container for fire extinguisher. G. W. Tammen. 112,388; Nov. 29.  
 Container for jewelry or similar article, Display. M. Weill. 110,075; June 14.  
 Container for perfumes, Combination. R. B. Karoff. 110,003; June 7.  
 Container for watches, Display. S. Weissman. 107,981; Jan. 18.  
 Container, Humidifier. J. and G. Krapf. 112,286; Nov. 22.  
 Container or similar article, Condiment. W. K. Titz. 111,312-13; Sept. 13.  
 Container or similar article, Display. E. M. Brogden. 109,048; Mar. 29.  
 Container or similar article, Jewelry display. W. J. Hiscock. 107,997-108,000; Jan. 18.  
 Container or similar article, Metallic. F. D. Goll and J. K. Wareham. 112,636; Dec. 20.  
 Container or similar article, Sachet powder. J. S. Stein. 108,924; Mar. 22.  
 Container or the like, Edible. W. H. Carter and J. R. Rudderforth. 110,341; July 5.  
 Container, Rouge. F. N. Lewis. 110,813; Aug. 9.  
 Container, Talcum powder. F. N. Lewis. 110,872; Aug. 16.  
 Control for radio and like apparatus, Hand. L. S. Bellem, Jr. 110,995; Aug. 23.  
 Control unit for electrical apparatus. J. Vassos. 107,809; Jan. 4.  
 Cooker pail. H. H. Dulany. 111,019; Aug. 23.  
 Cooker, Steam pressure. E. O. Vits. 110,506; July 12.  
 Cooler and dispenser, Combined beverage. F. G. Wilson. 108,094; Jan. 25.  
 Copying and projection apparatus, Combined photographic. R. S. Hopkins. 112,410; Nov. 29.  
 Copying, tracing, and reproducing apparatus, Combined. J. R. Fitzgerald. 108,936; Mar. 22.  
 Cord, Assist. G. W. Nesbitt. 107,882; Jan. 11.  
 Corn popper. E. S. Preston. 107,885; Jan. 11.  
 Corn popping machine. C. J. Cretors. 112,598; Dec. 20.  
 Corn popping machine. I. H. Wiley. 111,869; Oct. 25.  
 Corner trimming unit. T. Christie. 109,604; May 10.  
 Corset and brassiere, Combination. M. Laguzzi. 108,514; Feb. 15.  
 Costumer. I. Salomon. 109,501; May 3.  
 Cottage. B. J. McGarry. 112,082; Nov. 8.  
 Counter. R. A. Stewart. 109,345; Apr. 19.  
 Counter, Service bar. A. J. Stephens. 110,261; June 28.  
 Counter, Service bar back. G. W. Behrel. 110,014-5; June 7.  
 Counter, Service bar back. G. W. Behrel. 110,064-5; June 14.  
 Counter unit or similar article, Lunch. W. W. Stevens. 108,501; Feb. 15.  
 Cove strip, Decorative. G. K. Geerlings. 109,843; May 24.  
 Cover and hood, Combined tractor radiator. H. Dreyfuss. 112,365; Nov. 29.  
 Cover, Box. J. Quartz. 110,155; June 21.  
 Cover, Box. J. Quartz. 110,877; Aug. 16.  
 Cover, Broom. J. Cavallo. 112,361; Nov. 29.  
 Cover for a cooking vessel or similar article. A. L. Langel. 111,078; Aug. 30.  
 Cover, Chair pad. M. Caplan. 110,309; June 28.  
 Cover, Chair pad. E. Ring. 109,621; May 10.  
 Cover, Douche bag. E. E. Kinney. 109,246; Apr. 12.  
 Cover for a compact box. G. Gamble. 109,802; May 24.  
 Cover for a measuring instrument case. C. F. Wetherbee. 112,264; Nov. 22.  
 Cover for a pitcher or similar article, Dispensing. R. H. Pershall. 112,150; Nov. 15.  
 Cover for a vacuum cleaner or similar article. L. Guild. 111,512; Sept. 27.  
 Cover for an electric circuit controller casing. C. B. Stevens. 109,197; Apr. 5.  
 Cover for an electric switch box or the like. R. A. Millermaster and A. A. Writzmann. 108,212; Feb. 1.  
 Cover for canned products, Wrap. M. Buchalter. 108,317; Feb. 8.  
 Cover for hot water bottle. A. Culverwell. 111,123; Aug. 30.  
 Cover, Metal box. M. H. Connor. 108,427-30; Feb. 15.  
 Cover or similar article, Bottle closure. F. E. Johnson. 112,699; Dec. 27.  
 Cover or similar article, Jar. A. Abrams. 112,354; Nov. 29.  
 Cover or the like, Sent. J. Kletsky. 112,450; Dec. 6.  
 Cover paper or similar article. J. Makowsky. 111,639; Oct. 4.  
 Cover, Printing telegraph apparatus. G. R. Lum and A. L. Mell. 112,119; Nov. 8.  
 Cover unit for automobiles, Radiator grille. W. L. Morrison. 112,291; Nov. 22.  
 Covering for a vacuum cleaner casing or the like, Protective. M. S. Park. 112,236; Nov. 15.  
 Covering, Floor. H. J. Muller. 111,815; Oct. 18.  
 Crane cab. E. W. Taylor. 112,757; Dec. 27.  
 Creamer or similar article. Y. Buma. 108,358; Feb. 8.  
 Crib. S. C. Pearson. 109,645; May 10.  
 Cribbage board. M. A. Favreau. 112,171; Nov. 15.  
 Cribbage board. D. R. Paul. 110,495; July 12.  
 Crumber. S. W. Farber. 111,961; Nov. 1.  
 Crusher. R. D. Conway. 109,934; May 31.  
 Cuff link. E. L. Anderson. 111,057; Aug. 30.  
 Cuff link. E. S. Mix. 107,896; Jan. 11.  
 Cuff link. W. J. Morse. 110,289; June 28.  
 Cuff link or similar article. H. De Bernard. 110,715; Aug. 2.  
 Cup, Medicinal measuring. G. P. Kingsbury. 112,173; Nov. 15.  
 Cup or analogous article. H. C. Kupper. 110,901; Aug. 16.  
 Cup or similar article. R. A. Kelly. 108,205; Feb. 1.  
 Curler, Hair. B. A. Allen and J. F. Allen. 109,118; Apr. 5.  
 Curler, Hair. E. B. Gilleland. 111,652; Oct. 11.  
 Curler, Hair. F. M. Jones. 112,197; Nov. 15.  
 Curtain. F. A. Baird. 109,600; May 10.  
 Curtain or similar article. G. F. Erhard. 108,845-49; Mar. 15.  
 Curtain or similar article. G. F. Erhard. 109,051; Mar. 29.  
 Curtain or similar article. G. F. Erhard. 111,350-408; Sept. 20.  
 Curtain or similar article. G. F. Erhard. 111,412-48; Sept. 20.  
 Curtain or similar article. G. F. Erhard. 111,454-68; Sept. 20.  
 Curtain or similar article. G. F. Erhard. 111,724-5; Oct. 11.  
 Curtain or similar article. G. F. Erhard. 111,737-58; Oct. 18.  
 Curtain or similar article. G. F. Erhard. 112,104-7; Nov. 8.  
 Curtain or similar article. H. H. Newberger. 109,567; May 3.  
 Cushion. R. Green. 107,929; Jan. 11.  
 Cushion, Air. J. H. Johnson. 108,622; Mar. 1.  
 Cutter element for food choppers. E. E. Grow. 108,326; Feb. 8.  
 Cutter, Food. H. Van Doren. 110,989; Aug. 23.  
 Cylinder reborer-plate. E. R. Michener. 108,244; Feb. 1.  
 Decanter or similar article. R. R. Kostellow. 109,221; Apr. 12.  
 Decanter or similar article. R. R. Kostellow. 110,672; July 26.  
 Deflector for infants' toilet seat. W. S. Kraus. 110,120; June 14.  
 Defrosting device, Windshield. W. A. Ramsay. 108,456; Feb. 15.  
 Dental applicator. A. D. Wiseman. 110,936; Aug. 16.  
 Dental equipment unit. H. Dreyfuss. 110,276; June 28.  
 Dental model, Display. H. Weiss. 109,631; May 10.  
 Desk. B. E. Richardson and R. W. Willey. 111,220-1; Sept. 13.  
 Desk and chair, Combined. W. J. Barga. 108,774; Mar. 15.  
 Desk and chair, Combined. W. J. Barga. 110,953; Aug. 23.  
 Desk and chair, Combined. W. H. Bond, Jr., and O. Mankki. 109,203; Apr. 12.  
 Desk and chair, Combined. E. D. Morgan. 109,228; Apr. 12.  
 Desk and seat, Combined. C. T. Anderson. 111,058; Aug. 30.  
 Desk, bookcase and radio cabinet, Combined. W. Jagosz. 111,513; Sept. 27.  
 Desk or similar article. H. E. Buchheim. 107,743; Jan. 4.  
 Desk or similar article. M. Hanson. 110,696; Aug. 2.  
 Desk, Pedestal. W. C. Meagher. 109,414; Apr. 26.  
 Desk, School. C. L. J. Davis. 111,958; Nov. 1.  
 Desk, Table. R. W. Ericson. 109,317; Apr. 19.  
 Desk, table, and utility cabinet, Combined. D. E. Patz. 110,907; Aug. 16.  
 Desk unit, Combination. A. S. Brand and L. W. Kendrick. 110,889; Aug. 16.  
 Desk unit, Combination. A. E. Detwiler. 109,998; June 7.  
 Desk unit, Combination. R. Gruen. 108,694; Mar. 8.  
 Desk unit, Combination. J. I. Silvers. 112,183; Nov. 15.  
 Device for cleaning silver and other ware. E. Darwin. 110,172; June 21.  
 Device for investigating atomic structure. W. H. Wells. 111,690; Oct. 11.  
 Diagnostic instrument. D. M. Splaine. 111,338; Sept. 20.  
 Dial and hands for a clock or similar article, Combined. H. A. Barge. 111,296; Sept. 13.  
 Dial and hands for a clock or similar article, Combined. W. W. Scotten. 110,736; Aug. 2.  
 Dial and panel for battery testers, Combined. J. H. Kolseth. 107,875; Jan. 11.  
 Dial, Clock. E. L. Kelley. 112,607; Dec. 20.  
 Dial housing for a weighing scale. S. L. Hanssen, A. P. Olsen, and A. A. Schmidt. 108,075; Jan. 25.  
 Dial plate. M. H. Rhodes. 110,529; July 12.  
 Dial plate for dispensing pumps, Price and transaction register. E. C. Mayer. 110,361; July 5.



- Dial plate for dispensing pumps, Register. E. C. Mayer. 110,360; July 5.
- Diaper. J. R. Lankenau. 111,287-8; Sept. 13.
- Diaper playsuit, Child's. B. B. Friedman. 109,396; Apr. 26.
- Die. Foraminated. C. C. Hall. 108,944; Mar. 22.
- Diffuser for electric lighting fixtures. D. L. Ripley. 112,537; Dec. 13.
- Diner. B. G. Harley. 110,000; June 7.
- Diner. E. C. Harley. 110,417; July 5.
- Dipper, Ice cream. R. J. Price. 112,151; Nov. 15.
- Dipper or similar article, Ice cream. E. E. Tutsch. 110,201; June 21.
- Direction indicator attachment for a golf club. F. Moreno. 111,855; Oct. 25.
- Dish. Combined display and serving. K. E. Bemis. 108,656; Mar. 1.
- Dish, Covered. W. D. Haviland. 109,889; May 31.
- Dish, Glass. M. A. Smith. 108,755; Mar. 8.
- Dish, Jam. J. O. Reinicke and J. F. Barnes. 112,179; Nov. 15.
- Dish or similar article. M. Exelmans. 112,247; Nov. 22.
- Dish or similar article. W. H. Gerth, G. N. Allen, and C. A. Bennett. 109,296-7; Apr. 19.
- Dish or similar article. P. L'Anglais. 111,077; Aug. 30.
- Dish or similar article. W. von Nessen. 110,507; July 12.
- Dish or similar article, Covered. R. A. Kelly. 108,210; Feb. 1.
- Dish or similar article, Relish. A. J. Bennett. 111,951; Nov. 1.
- Dish or the like, Roasting ear. J. E. Gugenheim. 111,254; Sept. 13.
- Dish, Soap. E. G. Welles. 107,889; Jan. 11.
- Dispenser, Beverage. H. E. Crosby. 112,039; Nov. 8.
- Dispenser for interfolded sheets. F. L. Broeren, B. T. Hoffmaster, and A. S. Krueger. 108,561; Feb. 22.
- Dispenser for paper napkins. F. L. Broeren and S. N. Hope. 108,560; Feb. 22.
- Dispenser for paper tape product. F. H. Meyer. 108,243; Feb. 1.
- Dispenser, glass, and brush holder, Combined tooth paste. H. C. A. Behr and C. H. Sweitzer. 108,725; Mar. 8.
- Dispenser, Liquid. W. C. McHenry. 109,919; May 31.
- Dispenser, Nut. T. L. Hand. 109,321; Apr. 19.
- Dispenser or the like, Beverage. C. Pokol. 108,627; Mar. 1.
- Dispenser, Package. G. W. Knipple. 110,304; June 28.
- Dispenser, Package. G. W. Knipple and N. L. Mercer. 110,967; Aug. 23.
- Dispenser, Token. W. J. Taylor. 108,585; Feb. 22.
- Dispensing device. W. E. Doughty. 110,613; July 26.
- Display and order card, Combined. G. J. Rhodes. 110,400; July 5.
- Display and retainer support, Combined. G. E. Noel. 107,883; Jan. 11.
- Display device for ophthalmic mountings, Advertising. E. M. Splaine. 109,925; May 31.
- Display form. A. Spear. 112,094; Nov. 8.
- Doily. R. J. and G. A. Hutt. 109,061; Mar. 29.
- Doily or similar article. G. H. Shamyar. 110,318; June 28.
- Doll. H. B. Anthony. 111,451; Sept. 20.
- Doll. A. M. De Jounette. 110,044; June 7.
- Doll. H. W. and E. B. Groshong. 109,402; Apr. 26.
- Doll. R. B. Kingman. 108,084-5; Jan. 25.
- Doll. F. H. Morehead. 108,576; Feb. 22.
- Doll. G. A. Newman. 111,327; Sept. 20.
- Doll. A. D. Norcross. 109,723-4; May 17.
- Doll. K. Queen. 110,221; June 21.
- Doll. F. E. Weidhass. 112,441; Dec. 6.
- Doll, Dancing. C. L. Craven, S. Ciccone, and J. G. Miller. 109,978; June 7.
- Doll, Monkey. E. Valentine. 111,113; Aug. 30.
- Doll, Novelty. M. J. Hackman. 112,434; Dec. 6.
- Doll or similar article. L. Fowler. 110,130; June 14.
- Doll or similar article. L. Fowler. 110,353; July 5.
- Doll or similar article. C. K. Kempner. 108,332; Feb. 8.
- Doll or similar article. G. v. B. Menken. 112,682; Dec. 27.
- Doll or similar article, Character. A. T. Cahill. 112,336; Nov. 29.
- Doll, Paper. Priscilla and Prudence Burg. 109,797; May 24.
- Door and window grille. R. H. Hutchinson. 108,237; Feb. 1.
- Doorframe. D. J. Bauna. 110,452-61; July 12.
- Door handle or similar article for an automotive vehicle, Outside. E. S. Carlson. 111,012-13; Aug. 23.
- Door handle or similar article for an automotive vehicle, Outside. G. E. Curtiss. 111,016; Aug. 23.
- Door, Screen. E. C. Klaiber. 110,004; June 7.
- Double booth seat. L. M. Michelson. 109,415; Apr. 26.
- Dough mixer. E. J. Lauterbur. 109,615; May 10.
- Doughnut forming apparatus. R. F. Petzelt. 110,849; Aug. 9.
- Drape for chapel tent. C. M. Wickstrum. 112,414; Nov. 29.
- Drawer pull. C. W. Carlson. 109,125; Apr. 5.
- Drawer pull. C. W. Carlson. 109,312; Apr. 19.
- Drawer pull. C. D. Hazenberg. 110,213-14; June 21.
- Drawer pull. H. L. Pehrson. 108,092; Jan. 25.
- Drawer pull or similar article. G. W. Aldeen. 109,464-6; May 3.
- Drawer pull or similar article. H. E. De Vries. 109,314; Apr. 19.
- Dress. J. Abbate. 107,917-18; Jan. 11.
- Dress. J. Abbate. 108,504-5; Feb. 15.
- Dress. J. Abbate. 108,991; Mar. 22.
- Dress. J. Abbate. 109,172; Apr. 5.
- Dress. J. Abbate. 111,126-7; Sept. 6.
- Dress. J. Abbate. 111,531; Sept. 27.
- Dress. J. Abbate. 111,557; Sept. 27.
- Dress. J. Abbate. 111,801-2; Oct. 18.
- Dress. J. Abbate. 112,016; Nov. 1.
- Dress. J. Abbate. 112,093; Nov. 8.
- Dress. N. Abelson. 112,493-4; Dec. 6.
- Dress. L. A. Andors. 111,235; Sept. 13.
- Dress. M. Armao. 109,684-7; May 17.
- Dress. M. Armao. 110,051-3; June 7.
- Dress. I. Barsky. 111,914; Oct. 25.
- Dress. D. Bellinson. 109,363; Apr. 19.
- Dress. D. Bellinson. 109,681-2; May 10.
- Dress. D. Bellinson. 109,779; May 17.
- Dress. J. Bensl. 107,919; Jan. 11.
- Dress. L. Berger. 111,059; Aug. 30.
- Dress. H. Berry. 107,940-2; Jan. 18.
- Dress. H. Berry. 109,602; May 10.
- Dress. H. Berry. 109,780-1; May 17.
- Dress. H. Berry. 109,839; May 24.
- Dress. H. Berry. 110,300; June 28.
- Dress. M. Bloom. 110,169; June 21.
- Dress. E. Breer. 112,475; Dec. 6.
- Dress. E. Breer. 112,758; Dec. 27.
- Dress. J. Brenner. 111,297; Sept. 13.
- Dress. L. Burke. 111,237-9; Sept. 13.
- Dress. L. Burke. 112,312; Nov. 22.
- Dress. F. M. B. Burns. 108,604; Feb. 22.
- Dress. F. M. B. Burns. 108,666; Mar. 1.
- Dress. J. Chambart. 111,721; Oct. 11.
- Dress. J. Chambart. 112,018; Nov. 1.
- Dress. S. Chapman. 109,261-3; Apr. 12.
- Dress. S. Chapman. 111,062-6; Aug. 30.
- Dress. S. Chapman. 111,472; Sept. 20.
- Dress. S. Chapman. 112,313; Nov. 22.
- Dress. E. M. Ciccone. 111,926; Oct. 25.
- Dress. A. Cohen. 111,036; Aug. 23.
- Dress. A. Cohen. 111,068-70; Aug. 30.
- Dress. A. Cohen. 111,927-8; Oct. 25.
- Dress. M. Cohn. 111,828; Oct. 18.
- Dress. M. Cohn. 111,019; Nov. 1.
- Dress. M. Cohn. 112,458; Dec. 6.
- Dress. M. Cohn. 112,708; Dec. 27.
- Dress. C. H. Colcord. 111,196; Sept. 6.
- Dress. T. Coleman. 108,048; Jan. 18.
- Dress. T. Coleman. 108,187-9; Jan. 25.
- Dress. T. Coleman. 108,276-7; Feb. 1.
- Dress. T. Coleman. 108,391; Feb. 8.
- Dress. T. Coleman. 108,507; Feb. 15.
- Dress. T. Coleman. 109,176; Apr. 5.
- Dress. T. Coleman. 109,368; Apr. 19.
- Dress. T. Coleman. 109,547; May 3.
- Dress. T. Coleman. 109,577-8; May 3.
- Dress. T. Coleman. 109,580; May 3.
- Dress. T. Coleman. 109,586; May 3.
- Dress. T. Coleman. 110,205-6; June 21.
- Dress. T. Coleman. 110,311-13; June 28.
- Dress. T. Coleman. 111,015; Aug. 23.
- Dress. T. Coleman. 110,764; Aug. 2.
- Dress. T. Coleman. 110,772; Aug. 2.
- Dress. T. Coleman. 111,298-300; Sept. 13.
- Dress. T. Coleman. 111,829-32; Oct. 18.
- Dress. T. Coleman. 111,929; Oct. 25.
- Dress. T. Coleman. 112,477-8; Dec. 6.
- Dress. T. Coleman. 112,495-6; Dec. 6.
- Dress. S. Comolli. 107,746; Jan. 4.
- Dress. S. Comolli. 109,177; Apr. 5.
- Dress. G. Constantine. 111,629; Oct. 4.
- Dress. D. Crystal. 112,395; Nov. 29.
- Dress. E. Cutler. 109,369; Apr. 19.
- Dress. E. Cutler. 110,668; July 26.
- Dress. A. Dallanegra. 108,667; Mar. 1.
- Dress. L. Decker. 111,017-18; Aug. 23.
- Dress. L. Decker. 110,765; Aug. 2.
- Dress. J. Dublirer. 111,037-8; Aug. 23.
- Dress. J. Dublirer. 111,476; Sept. 20.
- Dress. J. Dublirer. 111,806; Oct. 18.
- Dress. R. Earle. 108,860-1; Mar. 15.
- Dress. M. Ellenbogen. 108,259; Feb. 1.
- Dress. A. Engel. 108,759; Mar. 8.
- Dress. A. Engel. 109,192; Apr. 5.
- Dress. A. Engel. 109,370; Apr. 19.
- Dress. A. Engel. 109,935; May 31.
- Dress. A. Engel. 110,670; July 26.
- Dress. A. Engel. 110,844; Aug. 9.
- Dress. A. Engel. 111,834; Oct. 18.
- Dress. A. Engel. 112,230; Nov. 15.
- Dress. A. Engel. 112,552; Dec. 13.
- Dress. S. Epstein. 111,022; Aug. 23.
- Dress. M. Extract. 111,071-2; Aug. 30.
- Dress. F. Faden. 112,735-6; Dec. 27.
- Dress. R. Feintuck. 108,260; Feb. 1.
- Dress. R. Feintuck. 108,862; Mar. 15.
- Dress. R. Feintuck. 109,587; May 3.
- Dress. R. Feintuck. 109,707; May 17.
- Dress. R. Feintuck. 109,859; May 24.
- Dress. R. Feintuck. 112,314; Nov. 22.
- Dress. M. Finkelstein. 110,389; July 5.
- Dress. E. Fischer. 110,412-13; July 5.



- Dress. F. Fischer. 110,596; July 19.  
 Dress. E. Fischer. 110,680; July 26.  
 Dress. P. Fracchia. 107,928; Jan. 11.  
 Dress. P. Fracchia. 107,950-53; Jan. 18.  
 Dress. P. Fracchia. 109,445-8; Apr. 26.  
 Dress. P. Fracchia. 109,588-91; May 3.  
 Dress. P. Fracchia. 109,962-3; May 31.  
 Dress. P. Fracchia. 110,055; June 7.  
 Dress. P. Fracchia. 110,087; June 14.  
 Dress. P. Fracchia. 110,131-3; June 14.  
 Dress. P. Fracchia. 110,212; June 21.  
 Dress. P. Fracchia. 110,314; June 28.  
 Dress. P. Fracchia. 111,250-2; Sept. 13.  
 Dress. P. Fracchia. 111,302-3; Sept. 13.  
 Dress. P. Fracchia. 111,699-701; Oct. 11.  
 Dress. P. Fracchia. 111,915; Oct. 25.  
 Dress. P. Fracchia. 112,020; Nov. 1.  
 Dress. P. Fracchia. 112,396; Nov. 29.  
 Dress. M. Frankel. 110,088; June 14.  
 Dress. M. Frankel. 110,118; June 14.  
 Dress. B. Fried. 108,668; Mar. 1.  
 Dress. B. Fried. 108,995; Mar. 22.  
 Dress. B. Fried. 111,304; Sept. 13.  
 Dress. B. Fried. 111,631; Oct. 4.  
 Dress. B. Fried. 111,726; Oct. 11.  
 Dress. B. Fried. 111,835; Oct. 18.  
 Dress. B. Fried. 112,459-60; Dec. 6.  
 Dress. T. Fritz. 108,761; Mar. 8.  
 Dress. T. Fritz. 108,764; Mar. 8.  
 Dress. T. Fritz. 108,863-4; Mar. 15.  
 Dress. T. M. Fritz. 109,449-50; Apr. 26.  
 Dress. T. M. Fritz. 109,832; May 24.  
 Dress. T. M. Fritz. 110,681; July 26.  
 Dress. T. M. Fritz. 112,710; Dec. 27.  
 Dress. T. M. Fritz. 112,759; Dec. 27.  
 Dress. M. Frumkin. 112,499; Dec. 6.  
 Dress. J. Galbo. 109,273; Apr. 12.  
 Dress. L. George. 108,283; Feb. 1.  
 Dress. L. Gold. 111,305-6; Sept. 13.  
 Dress. D. Goldenberg. 109,556; May 3.  
 Dress. S. J. Goldfarb. 108,975; Mar. 22.  
 Dress. H. Goldman. 109,372; Apr. 19.  
 Dress. H. Goldman. 109,435; Apr. 26.  
 Dress. H. Goldman. 109,451; Apr. 26.  
 Dress. H. Goldman. 111,632; Oct. 4.  
 Dress. H. Goldman. 111,916; Oct. 25.  
 Dress. H. Goldman. 112,027; Nov. 1.  
 Dress. B. Goldstein. 109,452; Apr. 26.  
 Dress. M. B. Green. 111,179-81; Sept. 6.  
 Dress. M. B. Green. 112,367; Nov. 29.  
 Dress. B. Greenstein. 108,138; Jan. 25.  
 Dress. P. Gutierrez. 108,996; Mar. 22.  
 Dress. Y. Guyon. 111,558; Sept. 27.  
 Dress. Y. Guyon. 112,315; Nov. 22.  
 Dress. A. Guzy. 111,559; Sept. 27.  
 Dress. E. Hardy. 108,997; Mar. 22.  
 Dress. H. M. Harris. 109,374; Apr. 19.  
 Dress. H. M. Harris. 109,453; Apr. 26.  
 Dress. L. Harris. 109,581; May 3.  
 Dress. C. B. Harriss. 109,844; May 24.  
 Dress. R. Hochberg. 108,394; Feb. 8.  
 Dress. H. Honlg. 111,706; Oct. 11.  
 Dress. L. Hymen. 111,261; Sept. 13.  
 Dress. H. Jerome. 110,584; July 19.  
 Dress. E. Jocell. 110,597-8; July 19.  
 Dress. E. Jocell. 111,931; Oct. 25.  
 Dress. A. Kaplan. 108,264; Feb. 1.  
 Dress. A. S. Kaplan. 112,500; Dec. 6.  
 Dress. B. C. Kalish. 109,835; May 24.  
 Dress. B. C. Kalish. 109,855-6; May 24.  
 Dress. B. C. Kalish. 110,216; June 21.  
 Dress. B. C. Kalish. 112,761; Dec. 27.  
 Dress. A. J. Kalmus. 110,521; July 12.  
 Dress. A. S. Kaplan. 112,116; Nov. 8.  
 Dress. L. L. Kashine. 109,967; May 31.  
 Dress. H. J. Katz. 111,146-8; Sept. 6.  
 Dress. H. J. Katz. 111,706; Oct. 11.  
 Dress. C. Kawaller. 110,522; July 12.  
 Dress. C. Kawaller. 110,585; July 19.  
 Dress. B. Kessler. 112,657; Dec. 20.  
 Dress. G. Klein. 112,316; Nov. 22.  
 Dress. S. C. Klein. 111,837; Oct. 18.  
 Dress. S. C. Klein. 112,021-2; Nov. 1.  
 Dress. S. Kronenfeld. 109,375; Apr. 19.  
 Dress. S. Kronenfeld. 109,488; May 3.  
 Dress. R. Kronman. 107,828; Jan. 4.  
 Dress. R. Kronman. 107,846; Jan. 4.  
 Dress. R. Kronman. 110,524; July 12.  
 Dress. A. L. Kullik. 109,185; Apr. 6.  
 Dress. H. Kushner. 110,525; July 12.  
 Dress. J. J. Kushner. 108,265; Feb. 1.  
 Dress. J. J. Kushner. 110,094; June 14.  
 Dress. J. J. Kushner. 110,217; June 21.  
 Dress. J. J. Kushner. 111,307-8; Sept. 13.  
 Dress. J. J. Kushner. 111,543; Sept. 27.  
 Dress. R. La Glusa. 109,927; May 31.  
 Dress. R. La Glusa. 110,095; June 14.  
 Dress. I. Lampel. 108,053; Jan. 18.  
 Dress. I. Lampel. 109,091; Mar. 29.  
 Dress. I. Lampel. 109,101; Mar. 29.  
 Dress. H. Langbert. 111,477; Sept. 20.  
 Dress. M. Lawrence. 111,637; Oct. 4.  
 Dress. M. Lawrence. 112,020-30; Nov. 1.  
 Dress. M. Lawrence. 112,317; Nov. 22.  
 Dress. F. Laye. 109,376; Apr. 19.  
 Dress. F. Laye. 111,263-4; Sept. 13.  
 Dress. H. Lentini. 112,483; Dec. 6.  
 Dress. H. Lentini. 112,659; Dec. 20.  
 Dress. M. M. Levine. 112,501; Dec. 6.  
 Dress. M. M. Levine. 112,660; Dec. 20.  
 Dress. M. M. Levine. 112,713; Dec. 27.  
 Dress. A. E. Levy. 108,292; Feb. 1.  
 Dress. A. E. Levy. 112,318-20; Nov. 22.  
 Dress. A. E. Levy. 112,398-9; Nov. 29.  
 Dress. G. Lewis. 109,787; May 17.  
 Dress. A. Livingston. 111,478; Sept. 20.  
 Dress. H. Lowenbraun. 108,396; Feb. 8.  
 Dress. D. Luntz. 108,193; Jan. 25.  
 Dress. D. Luntz. 109,593; May 3.  
 Dress. B. Machanoff. 111,560; Sept. 27.  
 Dress. B. Machanoff. 111,638; Oct. 4.  
 Dress. B. Machanoff. 112,577; Dec. 13.  
 Dress. A. Maidman. 111,729-30; Oct. 11.  
 Dress. A. Maidman. 112,321; Nov. 22.  
 Dress. A. Magesis. 108,054; Jan. 18.  
 Dress. A. Magesis. 112,466; Dec. 6.  
 Dress. M. Mascitelli. 111,611; Oct. 4.  
 Dress. M. Mascitelli. 111,640; Oct. 4.  
 Dress. M. Mascitelli. 111,932; Oct. 25.  
 Dress. E. Mast. 111,310; Sept. 13.  
 Dress. E. Mast. 111,479; Sept. 20.  
 Dress. E. Mast. 111,933; Oct. 25.  
 Dress. J. W. Meyer. 108,675-83; Mar. 1.  
 Dress. J. W. Meyer. 108,767; Mar. 8.  
 Dress. J. W. Meyer. 108,866-8; Mar. 15.  
 Dress. J. W. Meyer. 108,980-2; Mar. 22.  
 Dress. J. W. Meyer. 109,278; Apr. 12.  
 Dress. M. Michelson. 107,911; Jan. 11.  
 Dress. M. Michelson. 107,931; Jan. 11.  
 Dress. M. Michelson. 108,029; Jan. 18.  
 Dress. M. Michelson. 108,869; Mar. 15.  
 Dress. M. Michelson. 109,093; Mar. 29.  
 Dress. M. Michelson. 109,377; Apr. 19.  
 Dress. M. Michelson. 109,669; May 10.  
 Dress. M. Michelson. 109,721; May 17.  
 Dress. M. Michelson. 110,835; Aug. 4.  
 Dress. M. Michelson. 111,028; Aug. 23.  
 Dress. M. Michelson. 111,612; Oct. 4.  
 Dress. M. Michelson. 111,712; Oct. 11.  
 Dress. J. Miracky. 108,267; Feb. 1.  
 Dress. J. Miracky. 111,642; Oct. 4.  
 Dress. C. Mitchell. 112,031; Nov. 1.  
 Dress. C. Mitchell. 112,125; Nov. 8.  
 Dress. M. Mullen. 108,127; Jan. 25.  
 Dress. M. Mullen. 108,398-400; Feb. 8.  
 Dress. M. Mullen. 109,416-17; Apr. 26.  
 Dress. M. Mullen. 110,399; July 5.  
 Dress. C. M. Neuhardt. 111,643; Oct. 4.  
 Dress. C. M. Neuhardt. 112,235; Nov. 15.  
 Dress. B. Pearlman. 112,664; Dec. 20.  
 Dress. R. Perlman. 108,033; Jan. 18.  
 Dress. L. Platner. 109,458; Apr. 26.  
 Dress. N. Pohl. 108,984; Mar. 22.  
 Dress. M. Pono. 108,145; Jan. 25.  
 Dress. M. Pono. 108,160; Jan. 25.  
 Dress. M. Pono. 108,401; Feb. 8.  
 Dress. M. Porpora. 109,969; May 31.  
 Dress. M. Porpora. 110,220; June 21.  
 Dress. S. J. Poster. 108,056; Jan. 18.  
 Dress. D. W. Price. 107,973-4; Jan. 18.  
 Dress. D. W. Price. 109,094-5; Mar. 29.  
 Dress. D. W. Price. 109,104; Mar. 29.  
 Dress. D. W. Price. 110,661; July 26.  
 Dress. D. W. Price. 111,644; Oct. 4.  
 Dress. D. W. Price. 111,919; Oct. 25.  
 Dress. D. W. Price. 112,025; Nov. 1.  
 Dress. D. W. Price. 112,237; Nov. 15.  
 Dress. D. W. Price. 112,322; Nov. 22.  
 Dress. D. W. Price. 112,488; Dec. 6.  
 Dress. A. Rebhuhn. 109,594-5; May 3.  
 Dress. A. Rebhuhn. 110,317; June 28.  
 Dress. M. Roher. 111,152; Sept. 6.  
 Dress. M. Roher. 112,032; Nov. 1.  
 Dress. K. Rost. 107,975; Jan. 18.  
 Dress. K. Rost. 111,225; Sept. 13.  
 Dress. K. Rost. 111,617; Oct. 4.  
 Dress. K. Rost. 111,939; Oct. 25.  
 Dress. K. Rost. 112,722; Dec. 27.  
 Dress. I. Roth. 111,940; Oct. 25.  
 Dress. I. Roth. 112,033; Nov. 1.  
 Dress. L. Rothenberg. 110,223; June 21.  
 Dress. A. Ruchman. 111,646; Oct. 4.  
 Dress. A. Samuels. 111,920-1; Oct. 25.  
 Dress. P. A. Santoro. 112,502; Dec. 6.  
 Dress. P. A. Santoro. 112,665; Dec. 20.  
 Dress. H. T. Schakne. 110,224; June 21.  
 Dress. P. Schlessel. 108,162; Jan. 25.  
 Dress. P. Schlessel. 108,270; Feb. 1.  
 Dress. P. Schlessel. 108,687; Mar. 1.  
 Dress. P. Schlessel. 109,000; Mar. 22.  
 Dress. P. Schlessel. 111,715; Oct. 11.  
 Dress. P. Schlessel. 111,922; Oct. 25.  
 Dress. H. Schultz. 110,135; June 14.  
 Dress. J. Schwartz. 109,188; Apr. 5.  
 Dress. S. S. Schwartz. 107,933; Jan. 11.  
 Dress. D. Seemert. 111,923; Oct. 25.  
 Dress. Y. Shalhoub. 109,189; Apr. 5.  
 Dress. J. Shane. 107,797; Jan. 4.  
 Dress. B. Shapiro. 108,058; Jan. 18.



- Dress. B. Shapiro. 111,562; Sept. 27.  
 Dress. N. S. Shedlin. 108,194-6; Jan. 25.  
 Dress. E. Shell. 112,667; Dec. 20.  
 Dress. I. Sheer. 109,596-7; May 3.  
 Dress. F. X. Sinnott. 109,096; Mar. 29.  
 Dress. A. L. Siverts. 111,942; Oct. 25.  
 Dress. W. Slepian. 111,924; Oct. 25.  
 Dress. M. E. Smith. 107,913; Jan. 11.  
 Dress. M. E. Smith. 108,059; Jan. 18.  
 Dress. M. E. Smith. 108,197; Jan. 25.  
 Dress. H. Snyder. 108,304-5; Feb. 1.  
 Dress. H. W. Snyder. 112,669-70; Dec. 20.  
 Dress. M. Sobelman. 109,837; May 24.  
 Dress. M. Sobelman. 110,060-1; June 7.  
 Dress. M. Sobelman. 111,481-2; Sept. 20.  
 Dress. J. M. Spar. 108,518-19; Feb. 15.  
 Dress. W. G. Steinman. 107,832; Jan. 4.  
 Dress. J. M. Stengold. 110,784; Aug. 2.  
 Dress. M. Stone. 111,732; Oct. 11.  
 Dress. M. Stone. 111,844; Oct. 18.  
 Dress. M. Stone. 111,943; Oct. 25.  
 Dress. M. Stone. 112,471-2; Dec. 6.  
 Dress. M. G. Strangard. 108,271; Feb. 1.  
 Dress. M. G. Strangard. 109,108; Mar. 29.  
 Dress. F. Sussman. 107,934; Jan. 11.  
 Dress. F. Sussman. 109,014; Mar. 22.  
 Dress. F. Sussman. 109,283; Apr. 12.  
 Dress. F. Sussman. 112,762; Dec. 27.  
 Dress. V. Tomshinsky. 109,583; May 3.  
 Dress. V. Tomshinsky. 109,857; May 24.  
 Dress. V. Tomshinsky. 110,306; June 28.  
 Dress. V. Tomshinsky. 111,944; Oct. 25.  
 Dress. J. Tuman. 108,272; Feb. 1.  
 Dress. J. Tuman. 108,771; Mar. 8.  
 Dress. J. Tuman. 108,988; Mar. 22.  
 Dress. J. Tuman. 109,862; May 24.  
 Dress. J. Tuman. 110,768; Aug. 2.  
 Dress. J. Tuman. 110,768; Aug. 2.  
 Dress. J. Tuman. 111,121; Aug. 30.  
 Dress. J. Tuman. 111,161-2; Sept. 6.  
 Dress. J. Tuman. 111,164-7; Sept. 6.  
 Dress. J. Tuman. 111,164-7; Sept. 6.  
 Dress. J. Vallee. 108,873; Mar. 15.  
 Dress. J. Vallee. 109,015; Mar. 22.  
 Dress. H. S. von Baumann. 109,002; Mar. 22.  
 Dress. M. Wagner. 107,978-9; Jan. 18.  
 Dress. M. Wagner. 108,060; Jan. 18.  
 Dress. M. Wagner. 109,792-3; May 17.  
 Dress. M. Wagner. 110,251; June 21.  
 Dress. M. Wagner. 110,605-6; July 19.  
 Dress. L. Wals. 112,505; Dec. 6.  
 Dress. S. Warshaw. 107,980; Jan. 18.  
 Dress. A. Waxberg. 110,769; Aug. 2.  
 Dress. P. Weill. 108,874; Mar. 15.  
 Dress. P. Weill. 108,990; Mar. 22.  
 Dress. P. Weill. 109,003; Mar. 22.  
 Dress. E. Wein. 112,240; Nov. 15.  
 Dress. B. Weinstein. 110,320; June 28.  
 Dress. I. Welch. 107,811; Jan. 4.  
 Dress. P. Wenett. 107,915; Jan. 11.  
 Dress. S. M. Werber. 108,169; Jan. 25.  
 Dress. A. Wexler. 110,829; Aug. 9.  
 Dress. M. White. 108,529-30; Feb. 15.  
 Dress. M. White. 108,598; Feb. 22.  
 Dress. M. White. 112,673; Dec. 20.  
 Dress. S. Wichita. 112,325; Nov. 22.  
 Dress. I. A. Winter. 109,575; May 3.  
 Dress. O. Wusits. 111,735; Oct. 11.  
 Dress. O. Wusits. 111,822; Oct. 18.  
 Dress. P. Zahn. 111,168; Sept. 6.  
 Dress. P. Zahn. 112,506; Dec. 6.  
 Dress. S. Zahn. 107,834; Jan. 4.  
 Dress. S. Zahn. 107,935-6; Jan. 11.  
 Dress. S. Zahn. 108,410-11; Feb. 8.  
 Dress. S. Zahn. 108,688; Mar. 1.  
 Dress. S. Zahn. 109,379; Apr. 19.  
 Dress. S. Zahn. 111,039; Aug. 23.  
 Dress. S. Zahn. 111,925; Oct. 25.  
 Dress. H. Zinn. 108,772; Mar. 8.  
 Dress. H. Zinn. 109,585; May 3.  
 Dress. H. Zinn. 110,682-3; July 26.  
 Dress. H. Zinn. 112,507-8; Dec. 6.  
 Dress. H. Zinn. 112,763; Dec. 27.  
 Dress. J. Zinn. 109,584; May 3.  
 Dress. J. Zinn. 110,407; July 5.  
 Dress. J. Zinn. 112,241; Nov. 15.  
 Dress. L. Zuckerman. 109,576; May 3.  
 Dress and scarf ensemble. S. Chapman. 109,598; May 3.  
 Dress, Combination. O. Zaretsky. 108,311; Feb. 1.  
 Dress, Combined evening and street. S. Chapman. 112,362-3; Nov. 29.  
 Dress, Convertible evening. M. Rosenbluth. 112,469; Dec. 6.  
 Dress, Ensemble. J. Abbate. 108,255; Feb. 1.  
 Dress ensemble. J. Abbate. 108,857-9; Mar. 15.  
 Dress ensemble. J. Abbate. 109,088; Mar. 29.  
 Dress ensemble. J. Abbate. 109,173; Apr. 6.  
 Dress ensemble. J. Abbate. 112,017; Nov. 1.  
 Dress ensemble. V. Amen. 108,992; Mar. 22.  
 Dress ensemble. V. Amen. 109,259; Apr. 12.  
 Dress ensemble. H. Berry. 108,506; Feb. 15.  
 Dress ensemble. S. Chapman. 109,260; Apr. 12.  
 Dress ensemble. S. Chapman. 109,365-6; Apr. 19.  
 Dress ensemble. S. Chapman. 109,441-2; Apr. 26.  
 Dress ensemble. S. Chapman. 110,763; Aug. 2.  
 Dress, Ensemble. S. Ciccone. 109,007; Mar. 22.  
 Dress ensemble. E. M. Ciccone. 108,046-7; Jan. 18.  
 Dress ensemble. E. M. Ciccone. 109,089; Mar. 29.  
 Dress ensemble. E. M. Ciccone. 110,891; July 19.  
 Dress ensemble. E. M. Ciccone. 110,679; July 26.  
 Dress ensemble. A. Cohen. 109,841; May 24.  
 Dress ensemble. C. H. Colcord. 108,389; Feb. 8.  
 Dress ensemble. T. Coleman. 108,049; Jan. 18.  
 Dress ensemble. T. Coleman. 108,390; Feb. 8.  
 Dress ensemble. T. Coleman. 109,175; Apr. 5.  
 Dress ensemble. T. Coleman. 109,367; Apr. 19.  
 Dress ensemble. T. Coleman. 109,473; May 3.  
 Dress ensemble. T. Coleman. 109,546; May 3.  
 Dress ensemble. T. Coleman. 109,579; May 3.  
 Dress ensemble. T. Coleman. 109,608; May 10.  
 Dress ensemble. T. Coleman. 110,054; June 7.  
 Dress ensemble. T. Coleman. 112,476; Dec. 6.  
 Dress ensemble. T. Coleman. 112,497; Dec. 6.  
 Dress ensemble. S. Comolli. 108,050; Jan. 18.  
 Dress ensemble. S. Comolli. 108,278; Feb. 1.  
 Dress ensemble. S. Comolli. 109,266; Apr. 12.  
 Dress ensemble. S. Comolli. 109,609; May 10.  
 Dress ensemble. L. Diamond. 109,267; Apr. 12.  
 Dress ensemble. A. Engel. 108,568; Feb. 22.  
 Dress ensemble. A. Engel. 108,994; Mar. 22.  
 Dress ensemble. A. Engel. 112,229; Nov. 15.  
 Dress ensemble. S. Epstein. 109,961; May 31.  
 Dress ensemble. S. Etkin. 108,190-1; Jan. 25.  
 Dress ensemble. S. Faden. 108,760; Mar. 8.  
 Dress ensemble. R. Feintuck. 110,086; June 14.  
 Dress ensemble. J. Forzani. 109,184; Apr. 5.  
 Dress ensemble. P. Fracchia. 108,153; Jan. 25.  
 Dress ensemble. P. Fracchia. 108,492; Feb. 15.  
 Dress ensemble. B. Fried. 109,272; Apr. 12.  
 Dress ensemble. B. Fried. 111,930; Oct. 25.  
 Dress ensemble. T. Fritz. 108,762-3; Mar. 8.  
 Dress ensemble. T. Fritz. 108,765; Mar. 8.  
 Dress ensemble. T. Fritz. 108,865; Mar. 15.  
 Dress ensemble. J. Goldberg. 112,654; Dec. 20.  
 Dress ensemble. J. Greenman. 108,192; Jan. 25.  
 Dress ensemble. I. Grobstein. 109,373; Apr. 19.  
 Dress ensemble. M. Hall. 108,155; Jan. 25.  
 Dress ensemble. A. Kaplan. 107,822; Jan. 4.  
 Dress ensemble. A. Kaplan. 108,673; Mar. 1.  
 Dress ensemble. J. Kirschner. 107,841; Jan. 4.  
 Dress ensemble. L. Kline. 108,674; Mar. 1.  
 Dress ensemble. S. Kuznetz. 111,635-6; Oct. 4.  
 Dress ensemble. I. Lampel. 107,908; Jan. 11.  
 Dress ensemble. A. La Placa. 108,999; Mar. 22.  
 Dress ensemble. B. Machanoff. 109,784; May 17.  
 Dress ensemble. B. Machanoff. 109,939; May 31.  
 Dress ensemble. M. Mascitelli. 109,454; Apr. 26.  
 Dress ensemble. M. Mascitelli. 112,028; Nov. 1.  
 Dress ensemble. M. Mascitelli. 112,714-17; Dec. 27.  
 Dress ensemble. M. Michelson. 108,030; Jan. 18.  
 Dress ensemble. M. Michelson. 109,720; May 17.  
 Dress ensemble. M. Michelson. 110,601; July 19.  
 Dress ensemble. M. Michelson. 111,711; Oct. 11.  
 Dress ensemble. M. Michelson. 111,937; Oct. 25.  
 Dress ensemble. P. Pearlman. 109,457; Apr. 26.  
 Dress ensemble. M. Pono. 107,932; Jan. 11.  
 Dress ensemble. S. J. Poster. 108,662; Mar. 1.  
 Dress ensemble. D. W. Price. 107,972; Jan. 18.  
 Dress ensemble. M. Reich. 111,938; Oct. 25.  
 Dress ensemble. M. Reich. 111,941; Oct. 25.  
 Dress ensemble. M. Reich. 112,026; Nov. 1.  
 Dress ensemble. S. Reich. 111,561; Sept. 27.  
 Dress ensemble. N. Rolfe. 108,057; Jan. 18.  
 Dress, Ensemble. N. Rolfe. 108,686; Mar. 1.  
 Dress ensemble. P. Schlessel. 109,860; May 24.  
 Dress ensemble. P. Schlessel. 110,036; June 7.  
 Dress ensemble. J. Schwartz. 109,187; Apr. 5.  
 Dress ensemble. M. Stone. 111,720; Oct. 11.  
 Dress ensemble. M. E. Smith. 108,163-4; Jan. 25.  
 Dress ensemble. M. E. Smith. 108,517; Feb. 15.  
 Dress ensemble. M. E. Smith. 108,769-70; Mar. 8.  
 Dress ensemble. H. Snyder. 108,198-9; Jan. 25.  
 Dress ensemble. H. Snyder. 108,872; Mar. 15.  
 Dress ensemble. W. G. Steinman. 108,042; Jan. 18.  
 Dress ensemble. M. Stone. 111,563; Sept. 27.  
 Dress, Ensemble. J. Tuman. 108,522; Feb. 15.  
 Dress ensemble. J. Tuman. 108,523; Feb. 15.  
 Dress, Ensemble. J. Tuman. 108,607-8; Feb. 22.  
 Dress ensemble. J. Tuman. 109,001; Mar. 22.  
 Dress ensemble. J. Tuman. 109,858; May 24.  
 Dress ensemble. J. Tuman. 109,861; May 24.  
 Dress ensemble. J. Tuman. 109,863; May 24.  
 Dress ensemble. J. Tuman. 111,163; Sept. 6.  
 Dress ensemble. J. Vallee. 112,324; Nov. 22.  
 Dress ensemble. M. Wagner. 108,528; Feb. 15.  
 Dress ensemble. M. Wagner. 109,573; May 3.  
 Dress ensemble. C. Warner. 109,747-8; May 17.  
 Dress ensemble. R. Wein. 110,942; Aug. 16.  
 Dress ensemble. R. Williams. 110,062; June 7.  
 Dress ensemble. S. Zahn. 108,061; Jan. 18.  
 Dress ensemble or similar article. A. H. Morris. 107,831; Jan. 4.  
 Dress, House. A. F. Keating. 108,766; Mar. 8.  
 Dress, Knitted. B. Pollner. 109,646; May 10.  
 Dress or similar article. L. Heims. 112,655; Dec. 20.  
 Dress or similar article. L. Heims. 112,712; Dec. 27.  
 Dress or similar article. H. Massar. 111,641; Oct. 4.



- Dress or similar article. A. H. Morris. 107,829-30; Jan. 4.
- Dress or similar article. A. H. Morris. 111,548; Sept. 27.
- Dress or similar article. A. H. Morris. 112,024; Nov. 1.
- Dress or similar article. L. B. Starr. 108,459; Feb. 15.
- Dress or similar article. A. H. Morris. 112,468; Dec. 6.
- Dress, Skating. M. Weisser. 112,672; Dec. 20.
- Dresser chest or similar article. M. Hanson. 110,695; Aug. 2.
- Dresser or similar article. M. Hanson. 110,694; Aug. 2.
- Drier or the like, Hair. D. Chapman. 108,381; Feb. 8.
- Drier, Photo print. H. Schwartzmann. 112,619; Dec. 20.
- Drill, Radial. L. L. Schauer. 112,666; Dec. 20.
- Drilling unit, Rotary well. A. R. Maier. 112,465; Dec. 6.
- Drip catcher for ice cream cones and the like. W. G. Fair. 107,761; Jan. 4.
- Dropper or similar article, Liquid. E. Reynolds. 109,459; Apr. 26.
- Drying apparatus, Garment. F. E. Beluche and W. F. Brace. 112,243; Nov. 22.
- Duster, Insecticide powder. M. F. Miller. 112,718; Dec. 27.
- Duplicating machine. W. A. Kropp. 109,812; May 24.
- Duplicator. A. V. Ditty. 110,803; Aug. 9.
- Easel, Display. C. J. Rohde. 108,457; Feb. 15.
- Educational device. L. O. Hilder. 110,721; Aug. 2.
- Egg tester. H. Lukowski. 109,917; May 31.
- Electric hot plate. D. L. Hadley. 111,322; Sept. 20.
- Electric power unit, Portable. W. F. Allenby and C. H. Willman. 107,985; Jan. 18.
- Electrical connector body. C. E. Gilbert. 107,905; Jan. 11.
- Electrolabrum tree. J. L. Engstrom. 111,698; Oct. 11.
- Emblem, Embroidered appliqué. P. Alenikoff. 110,408; July 5.
- Emblem or similar article, Appliqué. L. A. Seltzer. 110,650; July 26.
- Emblem or similar article, Commemorative. A. Brown, Jr. 110,016; June 7.
- Emblem or similar article for wearing apparel, Applique. C. Emmey. 108,744; Mar. 8.
- Engine cooling system cleaning apparatus, Automotive. D. Hakman. 108,643; Mar. 1.
- Eraser and pencil tip, Combined. F. H. Beck. 112,582; Dec. 13.
- Eraser and pencil tip, Combined. I. Chesler. 112,037; Nov. 8.
- Eraser and pencil tip, Combined. D. Juellss. 109,140; Apr. 5.
- Eraser and pencil tip, Combined. M. Pipi. 108,887; Mar. 22.
- Eraser and pencil tip, Combined. H. B. Van Dorn. 111,554; Sept. 27.
- Escutcheon plate for a combined radio tuning dial and control panel or the like. L. J. Leishman. 108,574; Feb. 22.
- Escutcheon plate for a combined radio tuning dial and control panel or the like. L. J. Leishman. 109,247-9; Apr. 12.
- Escutcheon plate for a combined radio tuning dial and control panel or the like. L. J. Leishman. 111,266; Sept. 13.
- Escutcheon plate for a combined radio tuning dial and control panel, or the like. L. J. Leishman. 111,517; Sept. 27.
- Evacuator for surgical and similar operations, Suction. S. M. Abbott. 111,233; Sept. 13.
- Exterminator, Combined rodent and insect. W. F. Ramsay. 111,994; Nov. 1.
- Extractor, Fruit juice. L. H. Scurlock. 110,074; June 14.
- Extractor, Fruit juice. J. P. Weyman. 110,913; Aug. 16.
- Extractor, Juice. H. C. Johnson. 109,062; Mar. 29.
- Extractor, Juice. H. C. Johnson. 110,897; Aug. 16.
- Eyelet. W. Hughes. 109,614; May 10.
- Eyelet, Decorative. J. Jacobs. 109,966; May 31.
- Eyeshade. M. Berg. 109,387; Apr. 26.
- Eyeshade or similar article. A. N. Gates. 107,954; Jan. 18.
- Fabric, Combined pleated and embroidered. L. Kaufman. 108,853; Mar. 15.
- Fabric, Corduroy. J. Leventhal. 110,767; Aug. 2.
- Fabric, Corduroy. J. Leventhal. 110,781; Aug. 2.
- Fabric, Elastic textile. I. Weisberger. 109,286-7; Apr. 12.
- Fabric, Elastic textile. I. Weisberger. 109,864; May 24.
- Fabric, Elastic textile. I. Weisberger. 112,556; Dec. 13.
- Fabric, Embossed textile. H. Wagner. 111,624; Oct. 4.
- Fabric, Embroidered. I. Blumenthal. 111,871; Oct. 25.
- Fabric, Embroidered. A. Ruchman. 108,413; Feb. 8.
- Fabric, Embroidered. L. L. Kahn. 107,906-7; Jan. 11.
- Fabric, Embroidered. M. Leff. 109,559-60; May 3.
- Fabric, Embroidered. F. Nicrosini. 108,923; Mar. 22.
- Fabric, Embroidered. J. Picirilli. 110,979; Aug. 23.
- Fabric, Embroidered textile. E. F. Eisinger. 110,301; June 28.
- Fabric, Embroidered textile. A. Grossman and E. Axelrod. 109,948.
- Fabric, Embroidered textile. W. G. Meier. 107,910; Jan. 11.
- Fabric, Embroidered textile. I. J. Shorsner. 108,582; Feb. 22.
- Fabric for upholstery, Textile. C. P. Majer. 111,125; Aug. 30.
- Fabric, Fringed textile. S. H. Geffner. 108,432; Feb. 15.
- Fabric, Knitted. A. Grodnick. 112,573-4; Dec. 13.
- Fabric, Knitted. J. Minoff. 109,070; Mar. 29.
- Fabric, Knitted. J. Minoff. 110,188-90; June 21.
- Fabric, Knitted. J. Minoff. 111,081; Aug. 30.
- Fabric, Knitted. H. Moses. 108,295-6; Feb. 1.
- Fabric, Knitted. P. Rosenkrantz. 110,931; Aug. 16.
- Fabric, Knitted. D. Siegel. 108,301; Feb. 1.
- Fabric, Knitted. D. Siegel. 109,190; Apr. 5.
- Fabric, Knitted looped. J. W. Bettmann. 110,339; July 5.
- Fabric, Metallic studded smocked textile. J. Picirilli. 110,854; Aug. 9.
- Fabric or a similar article, Embroidered textile. R. Dannecker. 109,943; May 31.
- Fabric or analogous article, Textile. A. Brook. 108,929-30; Mar. 22.
- Fabric or similar article. I. Sluizer. 109,440; Apr. 26.
- Fabric or similar article, Elastic. H. Aull. 108,062; Jan. 25.
- Fabric or similar article, Embroidered. R. Dannecker. 109,655-6; May 10.
- Fabric or similar article, Embroidered textile. G. Canelstein. 112,733-4; Dec. 27.
- Fabric or similar article, Knitted. W. Depledge. 112,192; Nov. 15.
- Fabric or similar article, Lace. E. Clay. 108,903; Mar. 22.
- Fabric or similar article, Lace. G. Zellweger. 108,095; Jan. 25.
- Fabric or similar article, Printed. M. R. Hamre. 110,686-7; July 26.
- Fabric or similar article, Printed textile. M. R. Hamre. 107,838-40; Jan. 4.
- Fabric or similar article, Printed textile. M. R. Hamre. 108,437-8; Feb. 15.
- Fabric or similar article, Textile. B. H. Barth. 108,993; Mar. 22.
- Fabric or similar article, Textile. B. H. Barth. 111,625; Oct. 4.
- Fabric or similar article, Textile. J. W. H. Brooks. 112,335; Nov. 29.
- Fabric or similar article, Textile. R. P. Cable. 111,872; Oct. 25.
- Fabric or similar article, Textile. M. Christen. 107,921-5; Jan. 11.
- Fabric or similar article, Textile. M. Christen. 108,066; Jan. 25.
- Fabric or similar article, Textile. M. Christen. 108,152; Jan. 25.
- Fabric or similar article, Textile. A. Clemente. 110,595; July 19.
- Fabric or similar article, Textile. J. F. Durrsé. 109,100; Mar. 29.
- Fabric or similar article, Textile. R. E. Fatherley. 108,175; Jan. 25.
- Fabric or similar article, Textile. E. Filippi. 112,754; Dec. 27.
- Fabric or similar article, Textile. L. Franklin. 109,831; May 24.
- Fabric or similar article, Textile. L. Franklin. 110,786; Aug. 2.
- Fabric or similar article, Textile. R. Frick. 111,176; Sept. 6.
- Fabric or similar article, Textile. O. Friedman. 108,971-3; Mar. 22.
- Fabric or similar article, Textile. L. N. Gross. 108,382; Feb. 8.
- Fabric or similar article, Textile. A. Hafner. 110,846-7; Aug. 9.
- Fabric or similar article, Textile. A. Hafner. 110,948; Aug. 16.
- Fabric or similar article, Textile. A. Hafner. 111,124; Aug. 30.
- Fabric or similar article, Textile. A. Hafner. 111,728; Oct. 11.
- Fabric or similar article, Textile. A. Hafner. 112,340; Nov. 29.
- Fabric or similar article, Textile. J. Heim. 110,777-80; Aug. 2.
- Fabric or similar article, Textile. J. Heim. 111,054; Aug. 23.
- Fabric or similar article, Textile. A. C. Jaeger. 108,263; Feb. 1.
- Fabric or similar article, Textile. A. C. Jaeger. 108,287; Feb. 1.
- Fabric or similar article, Textile. N. Marcus. 111,049-50; Aug. 23.
- Fabric or similar article, Textile. W. D. Roberson. 107,842-3; Jan. 4.
- Fabric or similar article, Textile. R. Scheffwiller. 111,267-71; Sept. 13.
- Fabric or similar article, Textile. G. Spitzer. 109,236; Apr. 12.
- Fabric or similar article, Textile. B. E. Strobel. 110,934; Aug. 16.
- Fabric or similar article, Textile. A. Tillman. 108,587; Feb. 22.
- Fabric or similar article, Textile. M. Turpan. 110,949-51; Aug. 16.
- Fabric or similar article, Textile. M. R. Turner. 112,297; Nov. 22.
- Fabric or similar article, Textile. M. Turpan. 111,056; Aug. 23.



- Fabric or similar article, Textile. M. Turpan. 111,093; Aug. 30.  
 Fabric or similar article, Textile. M. Turpan. 111,734; Oct. 11.  
 Fabric or similar article, Textile. M. Turpan. 111,820; Oct. 18.  
 Fabric or similar article, Textile. M. Turpan. 111,945; Oct. 25.  
 Fabric or similar article, Textile. M. Turpan. 112,136; Nov. 8.  
 Fabric or similar article, Textile. M. Turpan. 112,349-51; Nov. 29.  
 Fabric or similar article, Textile. M. Turpan. 112,491-2; Dec. 6.  
 Fabric or similar article, Textile. M. Turpan. 112,504; Dec. 6.  
 Fabric or similar article, Textile. M. Turpan. 112,648; Dec. 20.  
 Fabric or similar article, Textile. M. Turpan. 112,764; Dec. 27.  
 Fabric or similar article, Textile. G. Virgile. 108,527; Feb. 15.  
 Fabric or similar article, Textile. G. Virgile. 110,040; June 7.  
 Fabric or similar article, Textile. N. L. Wershing. 112,311; Nov. 22.  
 Fabric or similar article, Textile. W. Wichmann and A. Koppel. 110,101; June 14.  
 Fabric or similar article, Textile. A. Zavell. 108,170; Jan. 25.  
 Fabric or similar article, Textile. A. Zavell. 109,751; May 17.  
 Fabric or similar article, Textile. A. Zavell. 109,953-7; May 31.  
 Fabric or similar article, Textile. A. Zavell. 110,063; June 7.  
 Fabric or similar article, Textile. A. Zavell. 110,102; June 14.  
 Fabric or the like, Textile. A. Hafner. 110,324-332; June 28.  
 Fabric or similar article, Textile. A. Zavell. 110,382; July 5.  
 Fabric or similar article, Textile. A. Zavell. 110,654-5; July 26.  
 Fabric or similar article, Textile. A. Zavell. 110,947; Aug. 16.  
 Fabric or similar article, Textile. A. Zavell. 111,102; Aug. 30.  
 Fabric or similar article, Textile. A. Zavell. 111,053; Aug. 23.  
 Fabric or similar article, Textile. A. Zavell. 111,192; Sept. 6.  
 Fabric or the like, Lace. W. F. Breuss. 110,474-5; July 12.  
 Fabric, Printed. J. Nishimura. 108,961; Mar. 22.  
 Fabric, Printed. S. Oshima. 110,494; July 12.  
 Fabric, Quilted. W. G. Miller. 111,813; Oct. 18.  
 Fabric, Textile. J. Antkies. 110,080-1; June 14.  
 Fabric, Textile. J. Antkies. 110,236; June 28.  
 Fabric, Textile. J. Antkies. 110,471-2; July 12.  
 Fabric, Textile. J. Antkies. 110,592-3; July 19.  
 Fabric, Textile. A. I. Beldoch. 112,359; Nov. 29.  
 Fabric, Textile. R. Berger. 112,392-4; Nov. 29.  
 Fabric, Textile. G. Bischof. 111,116; Aug. 30.  
 Fabric, Textile. L. Biva. 108,635; Mar. 1.  
 Fabric, Textile. H. Blum. 112,732; Dec. 27.  
 Fabric, Textile. B. Borden. 107,817; Jan. 4.  
 Fabric, Textile. L. J. Brenner. 110,307-8; June 28.  
 Fabric, Textile. L. J. Brenner. 110,340; July 5.  
 Fabric, Textile. L. J. Brenner. 110,409; July 5.  
 Fabric, Textile. J. W. H. Brooks. 108,824; Mar. 1b.  
 Fabric, Textile. J. H. Bunting. 110,938; Aug. 16.  
 Fabric, Textile. F. M. R. Burns. 107,853; Jan. 11.  
 Fabric, Textile. J. Chapman. 109,606; May 10.  
 Fabric, Textile. J. Chapman. 109,653; May 10.  
 Fabric, Textile. J. Cipoth. 109,696; May 17.  
 Fabric, Textile. W. Cohen. 109,265; Apr. 12.  
 Fabric, Textile. W. Cohen. 110,310; June 28.  
 Fabric, Textile. W. Cohen. 110,410; July 5.  
 Fabric, Textile. W. Cohen. 111,067; Aug. 30.  
 Fabric, Textile. C. A. Cornibert. 111,630; Oct. 4.  
 Fabric, Textile. A. de Gérard. 112,404; Nov. 29.  
 Fabric, Textile. J. G. Donadieu. 107,837; Jan. 4.  
 Fabric, Textile. J. G. Donadieu. 110,607; July 19.  
 Fabric, Textile. J. F. Durrsé. 108,758; Mar. 8.  
 Fabric, Textile. J. F. Durrsé. 108,828; Mar. 15.  
 Fabric, Textile. J. F. Durrsé. 108,844; Mar. 15.  
 Fabric, Textile. L. Eichmann. 107,926-7; Jan. 11.  
 Fabric, Textile. T. Emmerich. 108,829-30; Mar. 15.  
 Fabric, Textile. T. Emmerich. 109,960; May 31.  
 Fabric, Textile. T. Emmerich. 110,129; June 14.  
 Fabric, Textile. T. Emmerich. 110,638; July 26.  
 Fabric, Textile. M. Etlinger. 108,850; Mar. 15.  
 Fabric, Textile. M. Etlinger. 109,182-3; Apr. 5.  
 Fabric, Textile. M. Etlinger. 109,269-70; Apr. 12.  
 Fabric, Textile. R. E. Fatherley. 107,835; Jan. 4.  
 Fabric, Textile. M. Fellegi. 107,821; Jan. 4.  
 Fabric, Textile. C. E. Forstmann. 112,108-10; Nov. 8.  
 Fabric, Textile. C. E. Forstmann. 112,300; Nov. 22.  
 Fabric, Textile. V. Gantner. 109,947; May 31.  
 Fabric, Textile. V. Gantner. 110,315; June 28.  
 Fabric, Textile. V. Gantner. 112,113; Nov. 8.  
 Fabric, Textile. I. L. Goldberg. 108,832; Mar. 15.  
 Fabric, Textile. H. M. Goldman. 110,684-5; July 26.  
 Fabric, Textile. H. M. Goldman. 110,773-5; Aug. 2.  
 Fabric, Textile. H. M. Goldman. 110,787-9; Aug. 2.  
 Fabric, Textile. H. M. Goldman. 110,961-3; Aug. 23.  
 Fabric, Textile. H. M. Goldman. 111,044-5; Aug. 23.  
 Fabric, Textile. H. M. Goldman. 111,601; Oct. 4.  
 Fabric, Textile. H. M. Goldman. 111,727; Oct. 11.  
 Fabric, Textile. S. Golland. 112,301; Nov. 22.  
 Fabric, Textile. J. Granowitz. 108,154; Jan. 25.  
 Fabric, Textile. J. Granowitz. 108,509-10; Feb. 15.  
 Fabric, Textile. M. Guhl. 112,338-9; Nov. 29.  
 Fabric, Textile. A. Hafner. 108,943; Mar. 22.  
 Fabric, Textile. C. C. Half. 110,809; Aug. 9.  
 Fabric, Textile. W. Harm. 108,511; Feb. 15.  
 Fabric, Textile. W. Harm. 108,572; Feb. 22.  
 Fabric, Textile. W. Harm. 108,672; Mar. 1.  
 Fabric, Textile. W. Harm. 108,834; Mar. 15.  
 Fabric, Textile. W. Harm. 109,299; Apr. 19.  
 Fabric, Textile. A. S. Hatcher. 108,393; Feb. 8.  
 Fabric, Textile. D. Hess. 110,641; July 26.  
 Fabric, Textile. S. Horowitz. 108,157; Jan. 25.  
 Fabric, Textile. J. H. Huelat. 108,513; Feb. 15.  
 Fabric, Textile. B. M. Kaufman. 108,180; Jan. 25.  
 Fabric, Textile. B. M. Kaufman. 110,966; Aug. 23.  
 Fabric, Textile. H. P. Koch. 108,240; Feb. 1.  
 Fabric, Textile. L. Lazare. 109,968; May 31.  
 Fabric, Textile. L. Lazare. 111,838; Oct. 18.  
 Fabric, Textile. H. B. Lehman. 110,181; June 21.  
 Fabric, Textile. S. B. McDonald. 108,293; Feb. 1.  
 Fabric, Textile. S. S. S. McNeil. 107,930; Jan. 11.  
 Fabric, Textile. G. Megibow. 111,055; Aug. 23.  
 Fabric, Textile. G. Megibow. 111,934-6; Oct. 25.  
 Fabric, Textile. G. Megibow. 112,122; Nov. 8.  
 Fabric, Textile. G. Megibow. 112,202-5; Nov. 15.  
 Fabric, Textile. G. Megibow. 112,643; Dec. 20.  
 Fabric, Textile. M. Mey. 108,086-90; Jan. 25.  
 Fabric, Textile. M. Mey. 108,242; Feb. 1.  
 Fabric, Textile. M. Mey. 108,661; Mar. 1.  
 Fabric, Textile. M. Mey. 110,776; Aug. 2.  
 Fabric, Textile. M. Mey. 110,782-3; Aug. 2.  
 Fabric, Textile. J. Morris. 111,946-7; Oct. 25.  
 Fabric, Textile. J. Morris. 112,126-7; Nov. 8.  
 Fabric, Textile. H. Odzer. 112,210-12; Nov. 15.  
 Fabric, Textile. P. Reiman. 108,663; Mar. 1.  
 Fabric, Textile. C. M. Peisner. 109,728; May 17.  
 Fabric, Textile. P. Reiman. 109,380-3; Apr. 19.  
 Fabric, Textile. P. Reiman. 109,419; Apr. 26.  
 Fabric, Textile. W. D. Roberson. 112,132; Nov. 8.  
 Fabric, Textile. W. Rosenberg. 107,844; Jan. 4.  
 Fabric, Textile. W. Rosenberg. 108,664; Mar. 1.  
 Fabric, Textile. W. Ross. 107,845; Jan. 4.  
 Fabric, Textile. W. Ross. 108,161; Jan. 25.  
 Fabric, Textile. C. C. Ryan. 108,768; Mar. 8.  
 Fabric, Textile. C. C. Ryan. 108,839; Mar. 15.  
 Fabric, Textile. C. C. Ryan. 109,280-1; Apr. 12.  
 Fabric, Textile. C. C. Ryan. 109,303; Apr. 19.  
 Fabric, Textile. C. C. Ryan. 109,439; Apr. 26.  
 Fabric, Textile. C. C. Ryan. 109,460; Apr. 26.  
 Fabric, Textile. H. A. Schubart. 110,500; July 12.  
 Fabric, Textile. P. S. Schwartz. 108,021; Jan. 18.  
 Fabric, Textile. S. S. Shapiro. 112,220; Nov. 15.  
 Fabric, Textile. W. T. Simonton, Jr. 111,089; Aug. 30.  
 Fabric, Textile. D. S. Smith. 109,235; Apr. 12.  
 Fabric, Textile. D. S. Smith. 111,090; Aug. 30.  
 Fabric, Textile. J. W. Snowden. 109,107; Mar. 29.  
 Fabric, Textile. M. Sobelman. 112,221; Nov. 15.  
 Fabric, Textile. M. Sokoloff. 110,369; July 5.  
 Fabric, Textile. M. Sokoloff. 110,404; July 5.  
 Fabric, Textile. M. L. Spirn. 112,671; Dec. 20.  
 Fabric, Textile. S. E. Staines. 108,650-51; Mar. 1.  
 Fabric, Textile. S. E. Staines. 110,503; July 12.  
 Fabric, Textile. F. B. Sterman. 108,408; Feb. 8.  
 Fabric, Textile. B. Strauss. 109,109; Mar. 29.  
 Fabric, Textile. I. Strauss. 108,898; Mar. 22.  
 Fabric, Textile. I. Strauss. 109,582; May 3.  
 Fabric, Textile. I. Strauss. 109,741-3; May 17.  
 Fabric, Textile. I. Strauss. 111,733; Oct. 11.  
 Fabric, Textile. I. Strauss. 112,503; Dec. 6.  
 Fabric, Textile. E. M. Swanson. 110,853; Aug. 9.  
 Fabric, Textile. M. Turpan. 108,166-7; Jan. 25.  
 Fabric, Textile. M. Turpan. 108,307-8; Feb. 1.  
 Fabric, Textile. M. Turpan. 108,414-16; Feb. 8.  
 Fabric, Textile. M. Turpan. 108,524-6; Feb. 15.  
 Fabric, Textile. J. Umansky. 112,323; Nov. 22.  
 Fabric, Textile. T. R. Upland. 110,136; June 14.  
 Fabric, Textile. E. von Eisenbarth. 109,630; May 10.  
 Fabric, Textile. H. Weixel. 112,581; Dec. 13.  
 Fabric, Textile. H. W. Wilde. 107,899; Jan. 11.  
 Fabric, Textile. H. W. Wilde. 108,309; Feb. 1.  
 Fabric, Textile. N. Wishbow. 108,531; Feb. 15.  
 Fabric, Tinsel textile. M. Guhl. 110,964; Aug. 23.  
 Fabric, Woven. J. H. Hoffman. 108,236; Feb. 1.  
 Fabric, Woven pile. R. R. Matthews. 112,484; Dec. 6.  
 Fabric, Woven textile. R. L. Kahle. 111,809; Oct. 18.  
 Fabric, Woven textile. J. G. Levy. 108,412; Feb. 8.  
 Fabric, Woven textile. J. G. Levy. 108,660; Mar. 1.  
 Fabric, Woven textile. P. Nathanson. 108,684-5; Mar. 1.  
 Fabric, Woven textile. J. L. Walther. 108,854; Mar. 15.  
 Fabric, Woven textile. J. L. Walther. 110,378; July 5.  
 Face plate for a see-gauge for liquid-dispensing apparatus. E. H. Bradley. 108,419; Feb. 15.  
 Fan and table, Combined circulator. W. L. Kisling. 107,777; Jan. 4.  
 Fan, Electric. P. J. Fitzgerald. 108,641; Mar. 1.  
 Fan, Electric. J. J. Janca. 111,681; Oct. 11.



- Fan, Electric. G. H. Koch. 108,142; Jan. 25.  
 Fan, Electric. R. E. Kruck. 109,143; Apr. 5.  
 Fan, Electric. R. E. Kruck. 109,663; May 10.  
 Fan, Electric. G. R. Lum. 111,839; Oct. 18.  
 Fan, Electric. M. S. Park. 108,032; Jan. 18.  
 Fan or similar article. A. Fingerhut. 110,539; July 19.  
 Fan propeller. E. S. Preston. 110,876; Aug. 16.  
 Fastener, Closure. A. J. Komenak. 111,323; Sept. 20.  
 Fastener or similar article, Necktie. C. Silverman. 112,580; Dec. 13.  
 Fastener, Slide. T. A. Hersh. 112,418-26; Dec. 6.  
 Faucet and soap dish, Combined. L. Bloch. 111,011; Aug. 23.  
 Faucet connection. S. L. Weiss. 112,012; Nov. 1.  
 Fender and head lamp, Combined automobile. H. E. Merillat. 112,034; Nov. 1.  
 Fender, Automobile rear. W. H. Neely. 109,253; Apr. 12.  
 Fender for a motor vehicle. J. Barofsky. 109,121; Apr. 5.  
 Fender for a wheeled vehicle. J. R. Morgan. 111,683; Oct. 11.  
 Ferrule for household utensil handles and the like. C. R. T. Hess. 109,557; May 3.  
 Ferrule for household utensil handles and the like. C. R. T. Hess. 111,655; Oct. 11.  
 Ferrule for umbrellas or the like. L. Levine. 112,174; Nov. 15.  
 Ferrule, Pencil. A. L. Davis. 112,278; Nov. 22.  
 File. R. Stephens. 108,165; Jan. 25.  
 File, Nail. A. A. Crompton. 111,695; Oct. 11.  
 File or similar article, Paper. F. F. Braun. 109,033; Mar. 29.  
 File, Pocket. L. B. Miller. 107,783; Jan. 4.  
 Film rewind. A. E. Gavin. 109,803; May 24.  
 Finder for cameras. L. R. Martin. 110,070; June 14.  
 Firearm, Double barrel. E. Pugsley. 108,985; Mar. 22.  
 Fire extinguishing grenade. W. L. Roessner. 112,538; Dec. 13.  
 Fireplace. I. Ročić. 108,838; Mar. 15.  
 Fish lure body. K. R. Larson. 112,681; Dec. 27.  
 Fishing float. C. D. Myers. 110,587; July 19.  
 Fishing lure. R. S. Powell. 110,648; July 26.  
 Fitting, Lubricant-receiving. F. S. Barks. 108,927; Mar. 22.  
 Fitting, Pressure control. E. E. Cline. 112,479; Dec. 6.  
 Fixture or similar article, Lighting. L. L. Stewart. 109,627; May 10.  
 Flacon. P. F. Summers. 109,773; May 17.  
 Flashlight. A. J. Desimons. 111,342-6; Sept. 20.  
 Flashlight. R. G. Williams. 110,298; June 28.  
 Flashlight. O. T. Wood. 108,472; Feb. 15.  
 Flashlight and trouble finding device, Combined. I. M. Povsner. 112,213; Nov. 15.  
 Flashlight, Pocket. I. L. Ferris. 112,635; Dec. 20.  
 Flatiron. L. I. Bruce, Jr. 110,266; June 28.  
 Flag and staff, Combined. F. Frazier. 111,761; Oct. 18.  
 Flag and staff, Combined. A. S. Rosen. 111,572; Oct. 4.  
 Floor covering. H. J. Muller. 109,186; Apr. 5.  
 Floor covering, Textile. W. O. Dewsbury. 109,008; Mar. 22.  
 Flowerpot or analogous article. E. P. Krehbiel. 110,286; June 28.  
 Flowerpot, wreath, and flag holder, Combined. S. M. Smith. 110,551-2; July 19.  
 Folder, Mailing. M. Jackson. 111,285; Sept. 13.  
 Folder or similar article, Advertising. K. Heitler. 109,916; May 31.  
 Font of printing type. S. Ish-Shalom. 111,633; Oct. 4.  
 Font of type. A. B. Collins. 112,515; Dec. 13.  
 Font of type. O. C. Goehring. 111,875; Oct. 25.  
 Font, Printing type. F. H. E. Schneider. 111,552; Sept. 27.  
 Foot rest. H. C. Stoll. 110,227; June 21.  
 Footrest. H. C. Stoll. 111,672; Oct. 11.  
 Fork blade. C. R. T. Hess. 108,495; Feb. 15.  
 Fork, Carving. T. Gallaczi. 109,133; Apr. 5.  
 Fork, Lobster. E. Johansson, Jr. 112,042; Nov. 8.  
 Fork or similar article. M. Bernstein. 111,316; Sept. 20.  
 Fork, Velocipede front. S. A. Snell. 110,883; Aug. 16.  
 Fortune teller's bob. C. A. Buds. 111,782; Oct. 18.  
 Frame and handle for mirrors or the like, Combination. M. A. North. 110,644; July 26.  
 Frame, Clothes drying. H. H. French. 110,322; June 28.  
 Frame for a display board or the like. F. Springer Miller. 108,907; Mar. 22.  
 Frame for a garment pressing machine. W. Strobbridge. 108,840; Mar. 15.  
 Frame for a sanctuary lamp. O. D. Gullfoit. 112,738; Dec. 27.  
 Frame for a tantalus set. A. Cravaritis. 110,795; Aug. 9.  
 Frame for display cards. F. J. Signet. 109,991; June 7.  
 Frame for mirrors or the like. L. Marder. 112,438; Dec. 6.  
 Frame, Glider. A. S. Goldberg. 107,773; Jan. 4.  
 Frame, Illuminated sign. J. J. Rosenthal. 109,232; Apr. 12.  
 Frame member for a velocipede, Rear. B. J. Anderson. 107,937; Jan. 18.  
 Frame, Mirror. H. Sabel. 111,861; Oct. 25.  
 Frame, Picture. A. Golden. 112,469; Nov. 29.  
 Frame, Picture. M. Mitchell. 108,339; Feb. 8.  
 Frame, Picture. E. Olszewski. 112,534; Dec. 13.  
 Frame, Spectacle. E. M. Splaine. 112,386; Nov. 29.  
 Freezer, Domestic ice cream. H. J. Kettleborough. 111,772; Oct. 18.  
 Freezer, Domestic ice cream. H. J. Kettleborough. 112,255; Nov. 22.  
 Freezing unit. M. E. Miller. 107,782; Jan. 4.  
 Fruit juicer. S. Bloomfield. 110,203; June 21.  
 Fuel feed control device. H. A. Stukes. 109,257; Apr. 12.  
 Fur and fabric whipping apparatus, Combination. C. M. McCarthy. 109,849; May 24.  
 Fur topper. B. Reineman. 111,051; Aug. 23.  
 Game accessory, Card. G. B. Robinson. 108,722; Mar. 8.  
 Game apparatus. A. R. Babcock. 110,473; July 12.  
 Game apparatus. B. Wiest. 110,741; Aug. 2.  
 Game board. A. Adlers. 109,463; May 3.  
 Game board. D. L. Alger. 110,770; Aug. 2.  
 Game board. D. L. Alger. 111,647; Oct. 11.  
 Game board. C. A. Anderson. 111,103; Aug. 30.  
 Game board. I. W. Clary. 108,424; Feb. 15.  
 Game board. A. Feldmann. 110,860; Aug. 16.  
 Game board. M. R. Jeffers. 111,973; Nov. 1.  
 Game board. J. T. Kimbrell. 111,974; Nov. 1.  
 Game board. E. Malisse. 111,984; Nov. 1.  
 Game board. A. Marvin. 110,903; Aug. 16.  
 Game board. A. S. Morreale. 108,921; Mar. 22.  
 Game board. M. Nable and P. Reiss. 110,730; Aug. 2.  
 Game board. P. Panhorst. 108,983; Mar. 22.  
 Game board. R. P. Schiffmann. 108,986; Mar. 22.  
 Game board. P. Toti. 112,184; Nov. 15.  
 Game board, Naval. L. E. Corser. 112,170; Nov. 15.  
 Game board or similar article. J. Goodson. 111,965; Nov. 1.  
 Game board or similar article. B. A. Murray and J. Keane. 110,905; Aug. 16.  
 Game board or similar article. I. S. Rosen. 109,929; May 31.  
 Game device. G. Batkin. 112,674; Dec. 27.  
 Game device. L. R. Centerbar. 107,744; Jan. 4.  
 Game device. A. C. MacDonald. 111,108; Aug. 30.  
 Game device. R. B. Mott. 111,660; Oct. 11.  
 Game device. C. C. Tiedemann. 108,823; May 24.  
 Game device, Ball. J. E. Craddock. 110,714; Aug. 2.  
 Game device, Tilttable pin. A. L. Murray. 110,875; Aug. 16.  
 Game device, Tit-tat-toe. W. C. Horn. 110,357; July 5.  
 Game, Disk. W. A. Troth. 111,527; Sept. 27.  
 Game practice apparatus, Card. E. J. Glennon. 109,136; Apr. 5.  
 Game table. H. Weissmueller. 109,927; May 31.  
 Garment blocker. W. P. Brown and J. W. Prest. 109,006; Mar. 22.  
 Garment, Combination. D. B. Barbour. 109,651; May 10.  
 Garment, Foundation. J. Abeles. 109,931; May 31.  
 Garment, Foundation. J. Abeles. 111,194; Sept. 6.  
 Garment, Women's sports. K. H. Deebie. 108,826; Mar. 15.  
 Gear, Landing. C. G. Seyferth. 111,330; Sept. 20.  
 Gear shift hand selector and handle, or similar article, Combined automobile. R. F. Peo. 112,128; Nov. 8.  
 Gem setting. J. Granat. 109,137; Apr. 5.  
 Gem setting. F. P. Kinsley. 108,697; Mar. 8.  
 Generator, Acetylene. M. P. De Motte. 107,751; Jan. 4.  
 Gift novelty. M. A. Glazebrook. 110,119; June 14.  
 Gilet. M. Green. 108,833; Mar. 15.  
 Girdle or similar article. B. Green. 108,729; Mar. 8.  
 Glass. E. W. Fuerst. 107,768; Jan. 4.  
 Glass. E. W. Fuerst. 110,483-4; July 12.  
 Glass. M. O. Hansen. 108,746; Mar. 8.  
 Glass. W. E. Mackelfresh, Jr. 107,781; Jan. 4.  
 Glass, Drinking. E. W. Fuerst. 108,200; Feb. 1.  
 Glass, Drinking. J. E. Spence. 110,533; July 19.  
 Glass, Drinking. J. E. Spence. 110,912; Aug. 16.  
 Glass, Drinking. J. E. Spence. 111,229; Sept. 13.  
 Glass or similar article. M. Shapiro. 108,220; Feb. 1.  
 Glass or similar article. M. Shapiro. 109,535; May 3.  
 Glass or similar article, Hand magnifying reading. W. T. Hummel. 109,322; Apr. 19.  
 Glass, Signal cover. C. Adler, Jr. 108,773; Mar. 15.  
 Glider. A. S. Goldberg. 107,772; Jan. 4.  
 Glider. A. S. Goldberg. 107,955; Jan. 18.  
 Glider. A. S. Goldberg. 110,560; July 19.  
 Glider or similar article, Porch. N. Hurwitz. 110,563-4; July 19.  
 Globe and mounting, Combined. R. R. Dupler. 110,351; July 5.  
 Globe and stand, Combined. R. C. Grows. 112,679; Dec. 27.  
 Globe and stand, Combined. W. E. Johnson. 111,853; Oct. 25.  
 Globe for lanterns, Multiple lens metal. J. P. McCarthy. 111,182; Sept. 6.  
 Globe for lighting fixture. S. H. Barnes. 112,511; Dec. 13.  
 Globe, Lighting fixture. A. L. Arenberg. 112,186; Nov. 15.  
 Globe or shade for lighting fixture. C. E. Waltman. 110,760; Aug. 2.  
 Globe or similar article, Lighting fixture. C. J. Huot. 112,697; Dec. 27.  
 Glove. M. Blane. 109,997; June 7.  
 Glove. N. Blum. 112,583; Dec. 13.  
 Glove. A. S. David. 110,919; Aug. 16.  
 Glove. H. C. Heyman. 108,176; Jan. 25.



- Glove. H. C. Heyman. 108,835; Mar. 15.  
 Glove. H. C. Heyman. 109,195-6; Apr. 5.  
 Glove. J. A. Higier. 107,996; Jan. 18.  
 Glove. J. A. Higier. 108,156; Jan. 25.  
 Glove. W. E. Meyers. 108,294; Feb. 1.  
 Glove. S. Shapiro. 108,515; Feb. 15.  
 Glove. S. Shapiro. 108,603; Feb. 22.  
 Glove. I. Steinberger. 110,319; June 28.  
 Glove. I. Steinberger. 110,840; Aug. 9.  
 Glove. S. M. Straus. 109,346; Apr. 19.  
 Glove. S. M. Straus. 109,430; Apr. 26.  
 Glove. S. M. Straus. 110,038; June 7.  
 Glove. S. M. Straus. 112,007; Nov. 1.  
 Glove. E. Webster. 109,285; Apr. 12.  
 Glove, Knitted. H. de Benque. 108,172; Jan. 25.  
 Glove measuring device. R. M. Eisendrath. 107,753; Jan. 4.  
 Goal, Play ball. W. A. Schutt. 110,225; June 21.  
 Goblet. N. Moll. 109,990; June 7.  
 Goblet or similar article. A. J. Bennett. 111,949; Nov. 1.  
 Goblet or similar article. E. M. Bottoms. 109,974; June 7.  
 Goblet or similar article. A. J. Cunningham. 110,272-3; June 28.  
 Goblet or similar article. A. J. Cunningham. 112,442-5; Dec. 6.  
 Goblet or similar article. A. J. Cunningham. 112,516-8; Dec. 13.  
 Goblet or similar article. A. J. Cunningham. 112,547-51; Dec. 13.  
 Goblet or similar article. A. J. Cunningham. 112,557-9; Dec. 13.  
 Goblet or similar article. A. J. Cunningham. 112,570-2; Dec. 13.  
 Goblet or similar article. R. A. Kelly. 107,823-4; Jan. 4.  
 Goblet or similar article. R. A. Kelly. 108,002-3; Jan. 18.  
 Goblet or similar article. R. A. Kelly. 109,406; Apr. 26.  
 Goblet or similar article. R. R. Kostellow. 108,698-700; Mar. 8.  
 Goblet or similar article. R. R. Kostellow. 108,748; Mar. 8.  
 Goblet or similar article. R. R. Kostellow. 108,787; Mar. 15.  
 Goblet or similar article. R. R. Kostellow. 108,790; Mar. 15.  
 Goblet or similar article. R. R. Kostellow. 108,949-56; Mar. 22.  
 Goblet or similar article. R. R. Kostellow. 109,486-7; May 3.  
 Goblet or similar article. R. R. Kostellow. 109,530; May 3.  
 Goblet or similar article. R. R. Kostellow. 109,662; May 10.  
 Goblet or similar article. R. R. Kostellow. 109,989; June 7.  
 Goblet or similar article. R. R. Kostellow. 110,112; June 14.  
 Goblet or similar article. R. R. Kostellow. 110,723; Aug. 2.  
 Goblet or similar article. G. Sakier. 108,219; Feb. 1.  
 Goblet or similar article, Stemmed. E. Bell. 107,739; Jan. 4.  
 Goblet or similar article, Stemmed. E. Bell. 108,557; Feb. 22.  
 Goblet, Stemmed. E. Bell. 108,741; Mar. 8.  
 Goggles, Bathing. C. H. Foster. 109,761; May 17.  
 Goggles or similar article, Pair of. J. Bolten. 111,129; Sept. 6.  
 Golf bag. A. Firl. 111,138; Sept. 6.  
 Golf ball or the like. F. H. Cavignac. 108,065; Jan. 25.  
 Grater. W. Baring. 109,794; May 24.  
 Gravy boat and tray, Combined. M. S. Cornell, Jr. 107,854; Jan. 11.  
 Griddle or the like. G. A. Hamilton. 109,658; May 10.  
 Grill. G. A. Hamilton. 108,439; Feb. 15.  
 Grill assembly unit, Electric. J. Sedlack. 109,282; Apr. 12.  
 Grill, Bacon. R. G. Fishel. 110,806; Aug. 9.  
 Grill or the like, Electric. H. A. Smith. 110,677; July 26.  
 Grille. R. H. Hutchinson. 107,894; Jan. 11.  
 Grille. C. F. Pineau. 108,821; Mar. 15.  
 Grille, Door. R. H. Hutchinson. 107,869; Jan. 11.  
 Grille for an automobile radiator, Decorative. G. Snyder. 109,677; May 10.  
 Grille for an automobile radiator, Ornamental. J. Oswald. 109,671; May 10.  
 Grille for automobile radiator. J. Oswald. 109,672; May 10.  
 Grille for windows and the like. R. H. Hutchinson. 107,868; Jan. 11.  
 Grille, Lighting fixture. W. B. Petzold. 111,214; Sept. 13.  
 Grille or similar article, Window. J. F. Winn, Jr. 110,510; July 12.  
 Grille, Radiator. J. Oswald. 108,498; Feb. 15.  
 Grinder, Coffee. G. P. and D. G. Anderson. 109,971; June 7.  
 Grip for bicycles or the like, Handle bar. E. F. Pawsat. 109,922; May 31.  
 Guard, Automobile bumper. F. A. Bade. 109,385-6; Apr. 26.  
 Guard, Chain. H. M. Huffman, Jr. 108,817-8; Mar. 15.  
 Guard, Coin slide. L. M. Hall. 112,341; Nov. 29.  
 Guard, Combined stirrup and toe. A. F. Hart. 108,285; Feb. 1.  
 Guard, Drill press. J. Tate. 109,628; May 10.  
 Guard, Electric fan. L. D. Petee. 107,791; Jan. 4.  
 Guard, Finger. O. M. Douglas and M. Holden. 112,752; Dec. 27.  
 Guard for automobile bumpers, Auxiliary. T. S. and P. S. Vosbikian. 112,137; Nov. 8.  
 Guard for automobile fenders. S. J. Gurns. 112,524-5; Dec. 13.  
 Guard for automobiles, Bumper supported. J. R. Thorp and S. Strand. 108,900; Mar. 22.  
 Guard for firearms, Trigger. I. O. Mossberg. 110,526; July 12.  
 Guard, Lamp. P. E. Merrifield. 110,904; Aug. 16.  
 Guard, Radiator. J. Walker. 111,114; Aug. 30.  
 Guard, Snow. F. C. Cody. 109,697; May 17.  
 Guard, Vehicle. L. E. Russell. 111,687-8; Oct. 11.  
 Guitar, Hawaiian. W. L. Fuller. 110,178; June 21.  
 Gun or the like, Spray. G. W. Tammen. 111,526; Sept. 27.  
 Hair cutting device or similar article. R. Loewy. 108,701; Mar. 8.  
 Hair drying apparatus. M. H. Cearn. 111,805; Oct. 18.  
 Hair waving device. M. Wideman. 111,098; Aug. 30.  
 Hair waving machine. F. V. Schleimer. 109,072; Mar. 29.  
 Hair waving machine. F. V. Schleimer. 109,155; Apr. 5.  
 Halo. C. Marc. 110,057; June 7.  
 Hamper. W. Fein. 110,859; Aug. 16.  
 Hamper. H. Gleitsman. 110,355; July 5.  
 Handbag. A. Alpert. 108,711; Mar. 8.  
 Handbag. H. J. Carlin. 110,612; July 26.  
 Handbag. L. J. Coblenz. 111,893; Oct. 25.  
 Handbag. H. Felmann. 107,764-5; Jan. 4.  
 Handbag. H. Felmann. 107,892-3; Jan. 11.  
 Handbag. H. Felmann. 108,012-13; Jan. 18.  
 Handbag. H. Felmann. 108,026; Jan. 18.  
 Handbag. H. Felmann. 108,051-2; Jan. 18.  
 Handbag. H. Felmann. 108,261; Feb. 1.  
 Handbag. H. Felmann. 108,279-80; Feb. 1.  
 Handbag. H. Felmann. 108,490; Feb. 15.  
 Handbag. H. Felmann. 108,969; Mar. 22.  
 Handbag. H. Felmann. 109,010-11; Mar. 22.  
 Handbag. H. Felmann. 109,131; Apr. 5.  
 Handbag. H. Felmann. 109,271; Apr. 12.  
 Handbag. J. A. Ferrara and E. Rosenberg. 112,742; Dec. 27.  
 Handbag. S. R. Goldsmith. 108,122; Jan. 25.  
 Handbag. S. R. Goldsmith. 108,670; Mar. 1.  
 Handbag. S. R. Goldsmith. 109,056; Mar. 29.  
 Handbag. S. R. Goldsmith. 109,528; May 3.  
 Handbag. S. R. Goldsmith. 110,137; June 14.  
 Handbag. S. R. Goldsmith. 110,282; June 28.  
 Handbag. S. R. Goldsmith. 111,284; Sept. 13.  
 Handbag. S. R. Goldsmith. 111,582; Oct. 4.  
 Handbag. F. N. Lewis. 109,193; Apr. 5.  
 Handbag. F. N. Lewis. 110,045; June 7.  
 Handbag. F. N. Lewis. 110,490-1; July 12.  
 Handbag. F. N. Lewis. 110,618; July 26.  
 Handbag. F. N. Lewis. 111,710; Oct. 11.  
 Handbag. F. N. Lewis. 112,436-7; Dec. 6.  
 Handbag. R. Lobel. 110,184; June 21.  
 Handbag. I. Pichel. 110,602-3; July 19.  
 Handbag. I. Pichel. 110,929; Aug. 16.  
 Handbag. I. Pichel. 111,030; Aug. 23.  
 Handbag. G. G. Rona. 110,008; June 7.  
 Handbag. H. Rosenberg. 110,194; June 21.  
 Handbag and doll holder, Combination. L. Schumacher. 110,822; Aug. 9.  
 Handbag and glove container therefor, Combined. A. E. Browner. 109,542; May 3.  
 Handbag and whistle, Combination. L. Schumacher. 111,329; Sept. 30.  
 Handbag frame. J. Green. 110,581; July 19.  
 Handbag frame. G. Laubenstein. 109,145; Apr. 5.  
 Handbag frame or similar article. B. Wachs. 110,297; June 28.  
 Handbag, Vanity. I. M. Robbins. 109,534; May 3.  
 Handcar. S. A. Snell. 109,924; May 31.  
 Handkerchief. V. Fazio. 111,487; Sept. 27.  
 Handkerchief. M. J. Rosen. 109,622; May 10.  
 Handle and frame for mirror or similar article, Combined. H. S. Berk. 111,274; Sept. 13.  
 Handle and standard for a sadiron or similar article, Combined. R. I. Huffman. 112,195; Nov. 15.  
 Handle bar. S. A. Snell. 109,923; May 31.  
 Handle, Casket. A. J. Christian. 111,506; Sept. 27.  
 Handle, Fishing rod. J. R. Morgan. 108,721; Mar. 8.  
 Handle, Fishing rod. V. B. Nelson. 112,175; Nov. 15.  
 Handle for a casket or analogous article. R. Larson. 108,913-4; Mar. 22.  
 Handle for a casket or analogous article. R. Larson. 108,916; Mar. 22.  
 Handle for a casket or analogous article. R. Larson. 108,918; Mar. 22.  
 Handle for a casket or analogous article. R. Larson. 111,787; Oct. 18.  
 Handle for a casket or analogous article. R. Larson. 111,789; Oct. 18.  
 Handle for a casket or analogous article. R. Larson. 111,791; Oct. 18.



- Handle for a casket or the like. E. H. Thoresen. 110,228-9; June 21.
- Handle for a hammering tool. S. S. Vaughan. 108,709; Mar. 8.
- Handle for cutlery articles. J. Vassos. 109,168; Apr. 5.
- Handle for kitchen utensils and the like. C. Fischer. 111,489; Sept. 27.
- Handle for knives, forks, and similar articles. R. C. Goodrich. 110,283; June 28.
- Handle for knives, forks, spoons, and similar articles. N. Mirsky. 111,149; Sept. 6.
- Handle, Gear shift lever. H. W. Hey. 111,836; Oct. 18.
- Handle, Lawn mower. T. B. Funk. 112,112; Nov. 8.
- Handle or similar article for an automotive vehicle, Outside door. B. E. Lemm. 111,983; Nov. 1.
- Handle stick. J. W. West. 108,025; Jan. 18.
- Handle, Valve. H. D. Clemmons. 108,067; Jan. 25.
- Hanger, Coat. B. Perrone. 108,579; Feb. 22.
- Hanger for toilet articles. S. Lowen. 112,555; Dec. 13.
- Hanger for toilet articles or the like. S. Lowen. 112,588-9; Dec. 13.
- Hanger, Garment. B. W. Gibson. 108,784; Mar. 15.
- Hanger, Garment. W. L. Seavey. 111,665-6; Oct. 11.
- Hanger, Toilet dressing. R. Shapiro. 110,197; June 21.
- Harness, Dog. G. W. Nesbitt. 110,625; July 26.
- Hasp, Hinged. S. D. Friedman. 110,390; July 5.
- Hat. G. Amster. 108,171; Jan. 25.
- Hat. M. Berg. 110,168; June 21.
- Hat. S. Berman. 109,469; May 3.
- Hat. M. S. Downes. 110,084; June 14.
- Hat. N. Dubow. 110,243; June 28.
- Hat. S. Finkelstein. 109,526; May 3.
- Hat. S. Finkelstein. 110,939; Aug. 16.
- Hat. P. Forman. 108,831; Mar. 15.
- Hat. O. Friedman. 107,904; Jan. 11.
- Hat. H. Freyberg. 112,585; Dec. 13.
- Hat. W. Getman and M. Meisels. 110,834; Aug. 9.
- Hat. M. A. Goldstein. 111,704; Oct. 11.
- Hat. M. A. Goldstein. 111,964; Nov. 1.
- Hat. S. Lish. 112,327; Nov. 22.
- Hat. M. Marks. 110,254; June 28.
- Hat. M. J. Marks. 111,496; Sept. 27.
- Hat. M. F. Mathews. 111,658; Oct. 11.
- Hat. A. Rainess. 108,298-300; Feb. 1.
- Hat. A. Rainess. 108,602; Feb. 22.
- Hat. A. Rainess. 108,752; Mar. 8.
- Hat. K. Schanzer. 112,413; Nov. 29.
- Hat. E. Shell. 112,724; Dec. 27.
- Hat. W. Steffen. 110,933; Aug. 16.
- Hat. S. Stricker. 112,591; Dec. 13.
- Hat. A. Van Laven. 109,746; May 17.
- Hat. S. E. Weiner. 109,110; Mar. 29.
- Hat. S. Weissberger. 109,574; May 3.
- Hat. E. Wittcoff. 111,674; Oct. 11.
- Hat or similar article. J. J. Goodman. 110,416; July 5.
- Hat or similar article. T. J. Mundorff. 110,058; June 7.
- Hat or similar article. F. Stein. 108,812; Mar. 15.
- Hat or similar article, Beach. L. S. Loewengard. 110,926; Aug. 16.
- Hat, Sport. H. S. Jaccard. 112,304; Nov. 22.
- Head covering. T. Wyner. 110,162; June 21.
- Head covering or the like. M. E. and J. G. Atwood and W. L. Armstrong. 109,690; May 17.
- Head for an electric razor. L. V. Aronson. 110,937; Aug. 16.
- Headress, Lady's. E. D. Barber. 108,257; Feb. 1.
- Headlight, Locomotive. J. D. Kennelly. 109,407; Apr. 26.
- Headlight testing instrument or similar article. C. W. MacMillan. 110,727; Aug. 2.
- Heater. L. A. Althoff. 108,227; Feb. 1.
- Heater. E. C. Booth. 111,891; Oct. 25.
- Heater. C. F. Gatons, L. J. Hauser, and H. H. Holdbreder. 110,808; Aug. 9.
- Heater. T. L. Hand. 109,403; Apr. 26.
- Heater. B. B. Kahn. 110,285; June 28.
- Heater. W. C. Schnelder. 108,753; Mar. 8.
- Heater. G. Wilmet. 110,509; July 12.
- Heater. J. A. Underwood. 108,253; Feb. 1.
- Heater, Automobile. R. Loewy. 110,815; Aug. 9.
- Heater, Circulating. B. W. Tullis. 108,588; Feb. 22.
- Heater, Domestic water. C. H. Morrow. 111,184-5; Sept. 6.
- Heater, Electric. B. Shaffer. 109,073; Mar. 29.
- Heater, Electric. C. Knox and A. M. Dickie. 111,000; Aug. 23.
- Heater or the like, Space. H. S. Frasher. 109,999; June 7.
- Heater, Space. H. L. Finley. 109,708; May 17.
- Heater, Space. J. G. Rideout. 111,004; Aug. 23.
- Heater, Water. J. R. Morgan. 111,001; Aug. 23.
- Heating apparatus, Water. G. Sands. 108,706; Mar. 8.
- Heel. E. Borman. 110,704; Aug. 9.
- Heel. C. B. Court. 112,267; Nov. 22.
- Heel. A. Hutzeler. 111,852; Oct. 25.
- Heel. K. B. Keyes. 112,343; Nov. 29.
- Heel. W. Schwartz. 109,427-8; Apr. 26.
- Heel for a shoe. F. Lipp. 110,122; June 14.
- Heel, Rubber. M. Pocker. 109,788; May 17.
- Heel, Rubber. A. G. Smith. 109,768-71; May 17.
- Helmet, Beauty. R. Merkin. 107,836; Jan. 4.
- Hinge. J. T. Atwood. 110,335; July 5.
- Hinge. T. O. Schrader. 111,157; Sept. 6.
- Hinge, Toilet. E. J. Withereil. 109,170; Apr. 5.
- Hoe. H. Paschen. 111,150; Sept. 6.
- Holder and brush, Combination comb. M. A. North. 111,480; Sept. 20.
- Holder and grab rail, Combination soap. J. H. Balmer. 110,952; Aug. 23.
- Holder, Candle. W. E. Mackelfresh, Jr. 109,719; May 17.
- Holder, Casket flower. H. C. Robinson. 110,260; June 28.
- Holder, Cigar. G. Cippico. 111,276; Sept. 13.
- Holder, Cigarette. G. Cippico. 111,277; Sept. 13.
- Holder, Cigarette. K. F. J. Kirsten. 112,702; Dec. 27.
- Holder, Cigarette. J. Lykos and O. H. Beaumont. 108,336; Feb. 8.
- Holder, Collar. I. J. Hopfenberg. 110,284; June 28.
- Holder, Combination match folder and article. J. B. Waller. 110,632; July 26.
- Holder, Combined book and newspaper. J. I. Kumauchi. 108,595; Feb. 22.
- Holder, Combined cigarette and candle. R. L. R. Bartholomew. 108,610; Mar. 1.
- Holder, Combined lapel pin and match book. L. H. Thomas. 110,295; June 28.
- Holder, Combined pipe and identification slip. E. M. Springer and V. E. Harris. 110,885; Aug. 16.
- Holder, Combined tooth brush and tumbler. G. A. Hallenscheid. 110,562; July 19.
- Holder, Cravat. B. R. Zeman. 110,299; June 28.
- Holder, Dental floss. J. H. Morcom. 109,497; May 3.
- Holder, Eraser. A. Tannelli. 110,896; Aug. 16.
- Holder, Flower. A. C. de Angelis and J. P. Croasdale, Jr. 112,599; Dec. 20.
- Holder, Flower. G. Goughnour. 110,144; June 21.
- Holder for bowling alley newel posts, Combination chalk and cigarette. W. Bueche. 110,636; July 26.
- Holder for candles or other articles. R. S. Walker. 110,508; July 12.
- Holder for towels and similar articles. W. O. Dailey. 112,519; Dec. 13.
- Holder, Knife. H. H. Hopkins. 108,747; Mar. 8.
- Holder, Lipstick. M. Kane. 108,330; Feb. 8.
- Holder, Lip stick. I. Penn. 112,400; Nov. 29.
- Holder, Match box. P. Graves. 109,042; Mar. 29.
- Holder or similar article, Candle. R. R. Kostellow. 111,634; Oct. 4.
- Holder or similar article, Coin. W. A. Glover. 110,486; July 12.
- Holder or similar article, Display. A. P. Nieliwocki. 112,209; Nov. 15.
- Holder or similar article, Soap. R. S. Sanford. 111,328; Sept. 20.
- Holder or similar article, Soap. J. A. Zapf. 112,227; Nov. 15.
- Holder, Price card. M. A. Pearson. 112,615; Dec. 20.
- Holder, Scarf. J. R. Craighead. 112,055; Nov. 8.
- Holder, Scouring pad. A. Keller. 109,080; Mar. 29.
- Holder, Serviette. R. M. Thamm. 107,806; Jan. 4.
- Holder, Spoon. F. A. Speik. 110,294; June 28.
- Holder, Tooth brush. S. J. Stanton. 111,409-10; Sept. 20.
- Holder, Twine. H. H. Rominger. 112,046; Nov. 8.
- Hood and cape, Combined. M. E. and J. G. Atwood and W. L. Armstrong. 109,689; May 17.
- Hood and casing for a hair and scalp steamer, Combined. F. V. Schleimer. 111,551; Sept. 27.
- Hood and scarf, Combination knitted. G. E. Brabeck. 109,782; May 17.
- Horse-trailer body. C. J. Shields. 111,717; Oct. 11.
- Hose tower and cabinet for automobile service stations or the like, Combined. W. A. Kropp. 107,959-61; Jan. 18.
- Hosiery dispensing machine. R. C. Hopkins. 111,107; Aug. 30.
- Housecoat. I. Geist. 112,711; Dec. 27.
- Housecoat. E. E. Stricker. 109,097; Mar. 29.
- Housing, Air conditioning control. C. H. Dicke. 111,134; Sept. 6.
- Housing for air compressor switches or the like. E. V. Lavalley. 108,646; Mar. 1.
- Housing for floor treating machine. A. P. Boller. 109,470; May 3.
- Housing for garbage or sewage triturators and the like. W. B. Marshall. 110,419; July 5.
- Housing, Ignition coil. G. R. C. Martinsson. 112,023; Nov. 1.
- Housing, Transformer. M. M. Fulton. 109,078; Mar. 29.
- Humidor. D. W. Dunberg. 112,280; Nov. 22.
- Ice cream cone. M. A. Peora. 109,940; May 31.
- Ice cream cone. H. H. Schwartz. 111,664; Oct. 11.
- Ice cream disher. P. F. Donahue. 112,040; Nov. 8.
- Identification plate. G. W. Owen. 112,683; Dec. 27.
- Illuminating fixture. E. P. Guth. 110,639; July 26.
- Inclinometer or the like. W. H. Beardon. 110,980; Aug. 23.
- Indicating and control device for radio receivers, Combined. D. H. Mitchell. 109,252; Apr. 12.
- Inhaler, Nasal. H. F. Temple. 109,355; Apr. 19.
- Ingot or the like, Aluminum alloy. H. Landsberger. 108,575; Feb. 22.
- Insole, Adjustable metatarsal. R. H. Johnson. 108,100; Jan. 25.
- Insulator, Electric. R. E. Dalton. 108,489; Feb. 15.
- Iron, Electric. W. A. Barnes. 109,120; Apr. 5.



- Iron, Steam-electric pressing. E. F. Pohl. 112,129; Nov. 8.
- Ironer. W. E. Stilwell, Jr. 112,006; Nov. 1.
- Island or the like, Service station. A. V. Crouch. 109,209; Apr. 12.
- Jack. E. M. Pfau. 109,498-9; May 3.
- Jack, Bed. F. R. Stearns. 111,622; Oct. 4.
- Jack, Lifting. M. S. Merrill. 109,852; May 24.
- Jacket. A. Engel. 110,209; June 21.
- Jacket. S. Etkin. 112,498; Dec. 6.
- Jacket for a shallow well pump. R. G. Gracey. 109,888; May 31.
- Jacket, Fur. S. Etkin. 110,845; Aug. 9.
- Jacket, Fur. M. Kaufman. 111,770; Oct. 18.
- Jar. L. E. Adams. 112,688; Dec. 27.
- Jar. D. E. Briner. 107,742; Jan. 4.
- Jar. G. R. Carpenter. 110,477; July 12.
- Jar. J. P. Da Costa. 108,904; Mar. 22.
- Jar. J. Emerit. 110,566; July 19.
- Jar. E. W. Fuerst. 108,324; Feb. 8.
- Jar. E. W. Fuerst. 109,753; May 17.
- Jar. E. J. Kahn. 108,081; Jan. 25.
- Jar. F. L. Kennedy. 108,594; Feb. 22.
- Jar. F. N. Lewis. 112,642; Dec. 20.
- Jar. F. McIntosh. 111,659; Oct. 11.
- Jar. O. C. Noble. 108,091; Jan. 25.
- Jar. C. F. Sauer, Jr. 112,381; Nov. 29.
- Jar. F. Smith. 108,223; Feb. 1.
- Jar. F. Smith. 110,882; Aug. 16.
- Jar. F. Smith. 112,706; Dec. 27.
- Jar. N. F. Steuer. 108,023; Jan. 18.
- Jar. C. R. Underwood. 111,034-5; Aug. 23.
- Jar, Glass. R. H. Dallas. 108,592; Feb. 22.
- Jar or similar article. Y. Buma. 108,361; Feb. 8.
- Jar or similar article, Covered. R. A. Kelly. 108,083; Jan. 25.
- Jar or similar article, Covered. R. A. Kelly. 108,204; Feb. 1.
- Jar or similar article, Covered candy. R. A. Kelly. 108,209; Feb. 1.
- Jar, Packer. F. J. Petty. 108,020; Jan. 18.
- Jar, Packer. G. Smith, Jr. 107,801-2; Jan. 4.
- Jar, Preserving. N. D. Grasty. 111,253; Sept. 13.
- Jar, Straw dispensing. B. M. Oswell. 111,794; Oct. 18.
- Jewelry setting or similar article. P. J. Armeny. 107,848; Jan. 11.
- Jewelry setting or similar article. J. H. Schaeffer. 112,293; Nov. 22.
- Joint fitting, Swivel. C. C. Bittner and J. H. Stiska. 112,675; Dec. 27.
- Jug. J. L. Ambrose. 108,417; Feb. 15.
- Jug. L. Cella. 108,591; Feb. 22.
- Jug. G. N. King. 110,899; Aug. 16.
- Jug or similar article. Y. Buma. 108,359; Feb. 8.
- Jug or similar article. R. R. Kostellow. 109,484; May 3.
- Jug or similar article, Water. R. R. Kostellow. 112,043; Nov. 8.
- Juice extractor, Fruit. W. Cecil. 112,652; Dec. 20.
- Kettle. J. R. Morgan. 109,642; May 10.
- Key and finger ring, Combination. E. Gross. 107,864; Jan. 11.
- Key ring and flashlight, Combined. I. Florman. 111,535; Sept. 27.
- Key, Souvenir. G. Bohland. 112,050; Nov. 8.
- Kit, Manicurist. E. Conradsen. 109,208; Apr. 12.
- Knife. J. Dido. 112,059; Nov. 8.
- Knife. L. M. Edwards. 110,717; Aug. 2.
- Knife. H. L. Fischer. 111,073-4; Aug. 30.
- Knife. J. E. MacPherson. 112,590; Dec. 13.
- Knife. E. Morny. 110,397; July 5.
- Knife or similar article, Fish. A. M. Baer. 109,996; June 7.
- Knob. F. C. Ellis. 112,193; Nov. 15.
- Knob for an electric controlling device, Operating. C. B. Stevens. 108,723; Mar. 8.
- Knob or similar article, Fender guide. B. G. Cochrane. 108,825; Mar. 15.
- Knob, Steering wheel. G. F. Bahr. 110,633; July 26.
- Knob, Steering wheel. R. L. Morton. 108,453; Feb. 15.
- Knocker, Door. R. Pryne. 111,215-16; Sept. 13.
- Knocker, Table. S. Cerrina. 112,053; Nov. 8.
- Label. E. Opler. 107,968; Jan. 18.
- Label. W. W. Reid, Jr. 108,822; Mar. 15.
- Lace. G. M. Boysen. 107,818; Jan. 4.
- Lace. G. M. Boysen. 108,968; Mar. 22.
- Lace. G. M. Boysen. 109,174; Apr. 5.
- Lace. G. M. Boysen. 112,138; Nov. 8.
- Lace. G. M. Boysen. 112,403; Nov. 29.
- Lace. J. Dognin. 108,230; Feb. 1.
- Lace. J. Dognin. 109,179-80; Apr. 5.
- Lace. B. Edson. 112,139-43; Nov. 8.
- Lace. B. Edson. 112,299; Nov. 22.
- Lace. B. Edson. 112,405-7; Nov. 29.
- Lace. E. Katz. 111,603-4; Oct. 4.
- Lace. G. M. King. 107,825-7; Jan. 4.
- Lace. J. Merriman. 112,123; Nov. 8.
- Lace. H. A. Phillips. 111,291-2; Sept. 13.
- Lace. H. A. Phillips. 111,084-5; Aug. 30.
- Lace. J. H. Vorrall. 108,310; Feb. 1.
- Lace. I. Zandman, Jr. 110,232-4; June 21.
- Lace. I. Zandman, Jr. 110,425; July 5.
- Lace, Embroidered. M. Seidel. 111,842-3; Oct. 18.
- Lace insert or similar article. G. Zellweger. 107,916; Jan. 11.
- Lace insert or similar article. G. Zellweger. 108,096; Jan. 25.
- Lace insertion. J. Englander. 112,653; Dec. 20.
- Lace medallion. E. Mahadeen. 109,664; May 10.
- Lace or similar article. J. Avella. 108,841-2; Mar. 15.
- Lacing, Shoe. B. L. Wales. 112,626; Dec. 20.
- Lamp. J. E. Alcott. 109,838; May 24.
- Lamp. A. L. Arenberg. 109,509; May 3.
- Lamp. A. L. Arenberg. 111,577; Oct. 4.
- Lamp. H. Bohme. 112,457; Dec. 6.
- Lamp. R. Cavaleri. 109,840; May 24.
- Lamp. W. C. Crimmins. 110,832; Aug. 9.
- Lamp. W. C. Crimmins. 111,955-6; Nov. 1.
- Lamp. O. E. Johnson. 112,700; Dec. 27.
- Lamp. A. W. Krueger. 109,222-3; Apr. 12.
- Lamp. D. L. Moore. 112,084; Nov. 8.
- Lamp. S. W. Rapp, Jr. 111,882; Oct. 25.
- Lamp. S. W. Rosenthal. 110,035; June 7.
- Lamp. R. A. Schober. 110,196; June 21.
- Lamp. J. S. Sherman. 109,029; Mar. 29.
- Lamp. H. Shulman. 110,423; July 5.
- Lamp. C. A. Swanson and O. A. Hokanson. 110,263; June 28.
- Lamp. V. Weidner and F. A. Vogel. 107,810; Jan. 4.
- Lamp. I. Wooga. 109,633; May 10.
- Lamp and bracket for trucks, Combined side. C. M. Bolser. 112,244; Nov. 22.
- Lamp and clock, Combination. F. D. Jones, Jr. 109,811; May 24.
- Lamp and fan or similar article, Combined. E. G. Shinner. 108,553; Feb. 22.
- Lamp and fish bowl, Combination. H. F. Crewse. 108,779; Mar. 15.
- Lamp and fish bowl, Combination. H. F. Crewse. 110,271; June 28.
- Lamp and game device, Combination. A. W. Krueger. 109,517; May 3.
- Lamp and horn, Combined. W. C. Crimmins. 110,831; Aug. 9.
- Lamp and smoker's unit, Combination. H. Shulman. 112,382; Nov. 29.
- Lamp and smoking stand or the like, Combined. V. Stanzel. 107,804; Jan. 4.
- Lamp and supporting bracket, Combined. S. J. Zagel. 111,886; Oct. 25.
- Lamp, Attachable projection. H. P. Toppin. 112,389; Nov. 29.
- Lamp, Automobile signal. L. N. Franklin. 112,366; Nov. 29.
- Lamp base. E. Bartlett. 110,104-9; June 14.
- Lamp base. H. R. Poeter and H. E. Ormston. 112,087; Nov. 8.
- Lamp base. R. L. Whyte. 112,542-3; Dec. 13.
- Lamp base. J. Wilcox. 112,224; Nov. 15.
- Lamp base and radio, Combined. N. E. Pool and F. N. Curby. 108,402; Feb. 8.
- Lamp base or similar article. P. S. Donchian. 110,174; June 21.
- Lamp base or similar article. H. A. Perlmutter. 111,549; Sept. 27.
- Lamp, Bed. L. Ludwig. 112,372; Nov. 29.
- Lamp, Ceiling. H. R. Robinson and A. J. C. Knudstrup. 112,216; Nov. 15.
- Lamp, Desk. V. Nemeroff. 109,900; May 31.
- Lamp, Electric. J. F. Cook, Jr. 108,743; Mar. 8.
- Lamp, Electric glow. H. C. Zaun. 112,391; Nov. 29.
- Lamp, Floor. E. Altaire. 112,630; Dec. 20.
- Lamp, Floor. M. H. Gengoult. 112,250; Nov. 22.
- Lamp, Floor. J. Higgins. 112,639; Dec. 20.
- Lamp, Floor. H. R. Robinson and A. J. C. Knudstrup. 112,217-18; Nov. 15.
- Lamp for automotive vehicles, Signal. B. L. Robroff. 112,689; Dec. 27.
- Lamp for motor vehicle, Combination clearance and side marker. G. F. Burgess. 108,137; Jan. 25.
- Lamp for use in cinema studios, Projection. G. S. Barrett. 110,954; Aug. 23.
- Lamp, Gas range electric. E. R. Guyer. 111,540; Sept. 27.
- Lamp, Incandescent. G. Kende. 109,616; May 17.
- Lamp or similar article. F. P. A. Di Figlia. 112,741; Dec. 27.
- Lamp or similar article. C. J. Forslund. 108,782; Mar. 15.
- Lamp or similar article, Direction indicating. R. H. Sherlock. 109,028; Mar. 29.
- Lamp or similar article, Electric. A. L. Buschman. 109,907; May 31.
- Lamp or the like for motor vehicles, Clearance. H. J. Sauer. 109,426; Apr. 26.
- Lamp, Portable. I. Wooga. 109,353; Apr. 19.
- Lamp, Portable. I. Scheinberg. 110,195; June 21.
- Lamp, Portable electric. H. M. Peters. 108,144; Jan. 25.
- Lamp, Projection. H. M. Horlitt. 111,602; Oct. 4.
- Lamp, Semi-indirect electric. B. A. Dickerson. 107,948; Jan. 18.
- Lamp shade. S. M. Janssen. 109,017-18; Mar. 29.
- Lamp, smoking stand, and radio tuning unit, Combined. D. J. Crowley. 108,567; Feb. 22.
- Lamp, smoking stand, and radio tuning unit, Combined. D. J. Crowley. 108,637; Mar. 1.
- Lamp, Standing. S. A. Pedersen. 110,496; July 12.
- Lamp, Street. H. R. Robinson and A. J. C. Knudstrup. 112,646; Dec. 20.



- Lamp, Table. E. Altairs. 112,631; Dec. 20.  
 Lamp, Table. W. C. Anderson. 109,599; May 10.  
 Lamp, Table. A. L. Arenberg. 109,119; Apr. 5.  
 Lamp, Table. M. H. Gengoult. 112,249; Nov. 22.  
 Lamp, Table. D. G. Helmer. 112,066; Nov. 8.  
 Lamp, Table. M. Rubel. 112,705; Dec. 27.  
 Lamp, Table. D. M. Simpson. 112,093; Nov. 8.  
 Lamp, telephone stand, and desk unit, Combined. F. G. Thomas, Jr. 111,120; Aug. 30.  
 Lantern. J. B. Federico. 111,578; Oct. 4.  
 Lantern and bottle, Combined. A. J. Hortenau. 108,327; Feb. 8.  
 Lantern, Electric. L. O. Brown. 111,626; Oct. 4.  
 Laundry machine. K. C. Haven. 107,865-6; Jan. 11.  
 Lay figure. R. L. Chisholm. 110,957; Aug. 23.  
 Leather or similar article. S. Galper. 109,592; May 3.  
 Leather or similar article. S. Galper. 109,833; May 24.  
 Leather or similar article. H. Kass. 109,324; Apr. 19.  
 Leather sheet or similar article, Embossed. J. E. Goldberg. 111,178; Sept. 6.  
 Leg for an article of furniture. H. Padwa. 110,709; Aug. 2.  
 Lens or the like article, Lighting fixture. J. Levy. 110,972; Aug. 23.  
 Lens or the like article, Lighting fixture. J. Levy. 112,463; Dec. 6.  
 Lever for garment pressing machines, Head carrying. W. Strobridge. 109,162; Apr. 5.  
 License plate, Vehicle. J. F. Williams. 111,884; Oct. 25.  
 Lid for a cooking pot or similar article. F. C. Worrall. 109,994; June 7.  
 Light and cover plate for electric razors, Combined. J. M. Schumann. 110,823; Aug. 9.  
 Light diffuser. C. H. Nehls. 109,149; Apr. 5.  
 Lighter. A. de Sakhnoffsky. 109,885; May 31.  
 Lighter and cigarette container, Combined pyrophoric. L. V. Aronson. 107,849; Jan. 11.  
 Lighter, Cigar. J. Sinko. 108,458; Feb. 15.  
 Lighter, Furnace. A. Porkolab and B. M. Vecchio. 111,347; Sept. 20.  
 Lighting fixture. A. L. Arenberg. 110,164-5; June 21.  
 Lighting fixture. A. L. Arenberg. 110,451; July 12.  
 Lighting fixture. G. C. Devoil, Jr. 112,634; Dec. 20.  
 Lighting fixture. J. A. Hoeveler. 109,660-1; May 10.  
 Lighting fixture. K. Versen. 108,654; Mar. 1.  
 Lighting fixture. J. H. Waterbury. 107,888; Jan. 11.  
 Lighting fixture body. P. Parlato. 110,977; Aug. 23.  
 Lighting fixture, Electric. D. H. Holden. 112,068; Nov. 8.  
 Lighting fixture, Electric. G. E. MacFadden. 110,725-6; Aug. 2.  
 Lighting fixture or similar article. L. L. Stewart. 109,740; May 17.  
 Lighting fixture or similar article. L. L. Stewart. 109,854; May 24.  
 Lighting fixture or similar article. L. L. Stewart. 110,198; June 21.  
 Lighting fixture or similar article. L. L. Stewart. 110,505; July 12.  
 Lighting fixture or similar article, Adjustable ceiling. J. Levy. 107,877-8; Jan. 11.  
 Line guide for a fishing rod. J. R. Morgan. 108,720; Mar. 8.  
 Link for a floor mat. H. W. Bell. 111,804; Oct. 18.  
 Link unit for fruit grading aprons or the like. F. B. Fuller. A. R. Adams, and C. P. Le Frois. 110,719; Aug. 2.  
 List finder. A. E. Pollock. 110,007; June 7.  
 List finder and clock, Combined. M. Marcus. 111,610; Oct. 4.  
 Lock for a bag or similar article, Snap. H. Rubin. 109,623; May 10.  
 Lock or the like, Luggage. R. Heller. 110,865; Aug. 16.  
 Locomotive and tender, Combined. J. W. Patton and P. P. Cret. 111,713; Oct. 11.  
 Log spinner, Taffrail. C. E. Ellicott, Jr. 110,462; July 12.  
 Louver for lighting fixtures. J. T. Holmes. 108,644; Mar. 1.  
 Luminaire. J. W. Gosling. 110,356; July 5.  
 Lyre for a piano. H. R. Heller. 111,879-80; Oct. 25.  
 Lyre for a piano. H. R. Heller. 111,904; Oct. 25.  
 Lyre for a piano. H. R. Heller. 112,147; Nov. 15.  
 Machine for signing facsimile signatures. W. L. Todd and R. C. Browne. 110,652; July 26.  
 Machine for surfacing and polishing floors. R. F. Kniesley and R. B. Wolfe. 110,394; July 5.  
 Machine shop, Portable. K. W. Conne. 109,912; May 31.  
 Manicure implement. P. F. Accella. 110,010; June 7.  
 Mannikin, Display. L. L. Grenaker. 109,058; Mar. 29.  
 Mantel or similar article. D. J. Baum. 108,008-9; Jan. 18.  
 Mantel or similar article. D. J. Baum. 108,136; Jan. 25.  
 Mantel or similar article. D. J. Baum. 108,148-9; Jan. 25.  
 Marker and corner lamp for motor vehicles, Combination clearance side. G. F. Burgess. 108,064; Jan. 25.  
 Marker and urn, Combined grave. J. M. Majewski, Jr. 108,211; Feb. 1.  
 Marker, Grave. J. M. Majewski, Jr. 110,219; June 21.  
 Marker, Grave. L. Shultz. 112,617; Dec. 20.  
 Marker, House. W. Patty and M. Brooks. 108,130; Jan. 25.  
 Marker, Light-reflecting road. C. A. Persons. 111,550; Sept. 27.  
 Marker or the like, House. O. O. Godwin. 108,571; Feb. 22.  
 Marker, Road. C. L. Moorman. 110,098; June 14.  
 Marker, Road. A. Sprung. 110,468; July 12.  
 Marker, Traffic. C. A. Glock. 112,461; Dec. 6.  
 Marker, Traffic. J. M. Huff. 108,444; Feb. 15.  
 Masher. H. T. Warner. 109,993; June 7.  
 Masher or similar article, Vegetable. J. G. Jackson. 108,028; Jan. 18.  
 Mask, Gas. T. A. O'Leary. 108,879; Mar. 22.  
 Massager or the like, Face. F. N. Lewis. 110,252; June 28.  
 Mat, Hot dish. E. R. Brewer. 110,066; June 14.  
 Mattress. M. Marsack. 107,880; Jan. 11.  
 Mausoleum. S. O. Colbe. 108,425-6; Feb. 15.  
 Mausoleum, Underground. P. W. Watson, Jr. 108,724; Mar. 8.  
 Measuring instrument. W. E. Harris. 110,720; Aug. 2.  
 Medallion or the like. I. Neu. 108,343; Feb. 8.  
 Metal for making baking receptacles or similar articles, Sheet. J. G. Jackson. 108,573; Feb. 22.  
 Meter, Electrical. C. E. Mead and R. E. Sturm. 111,985; Nov. 1.  
 Meter, Parking. R. F. Broussard and C. A. Toce. 112,677; Dec. 27.  
 Meter, Parking. M. H. Rhodes. 112,684; Dec. 27.  
 Microphone control. A. L. Moore. 107,785; Jan. 4.  
 Mill, Coffee. D. A. Meeker and F. D. Houser. 109,565; May 3.  
 Mill, Coffee. R. L. Schuhmann. 108,965; Mar. 22.  
 Mill, Coffee. H. Van Doren. 110,988; Aug. 23.  
 Mill, Decorative. B. Salzberg. 110,628-30; July 26.  
 Milling machine knee. J. B. Armitage. 110,237; June 28.  
 Milling machine saddle. J. B. Armitage. 108,690; Mar. 8.  
 Mirror. C. S. De Rauf. 111,960; Nov. 1.  
 Mirror. W. J. Hickerson. 109,981-4; June 7.  
 Mirror. J. O. Thibault. 108,652; Mar. 1.  
 Mirror. D. H. Whitehead. 109,169; Apr. 5.  
 Mirror and mounting therefor, Rear view. J. W. Anderson. 112,268; Nov. 22.  
 Mirror, Handbag. J. S. Fein. 110,921; Aug. 16.  
 Mirror, Illuminable hand. F. A. Leisen. 110,656; July 26.  
 Mirror, Illuminable hand. F. A. Leisen. 110,968-9; Aug. 23.  
 Mirror, lipstick, and powder holder, Combination. S. E. Wallace. 108,485; Feb. 15.  
 Mirror or similar article, Illuminable. O. C. Ritz-Woller. 111,222-4; Sept. 13.  
 Mirror or the like, Shaving. W. J. Bohn. 109,046; Mar. 29.  
 Mirror or the like, Vanity. W. J. Bohn. 109,047; Mar. 29.  
 Mirror, Toilet. W. J. Bohn. 112,432; Dec. 6.  
 Mixer body, Electric. R. Heller. 108,946; Mar. 22.  
 Mixer, Electric. R. Heller. 108,947; Mar. 22.  
 Mixer or similar article, Food. D. Chapman. 110,579; July 19.  
 Mixer, Portable food. W. F. Allenby and C. H. Willman. 107,984; Jan. 18.  
 Mixing machine or similar article. H. Rosengren. 111,616; Oct. 4.  
 Mixing machine or similar article, Dough. W. F. Dehuff. 111,197; Sept. 6.  
 Moccasin or similar article. E. J. Biel. 111,484; Sept. 27.  
 Moccasin or similar article. E. J. Biel. 108,112; Jan. 25.  
 Model, Educational. E. W. Dodd. 109,393; Apr. 26.  
 Moistening device or similar article. H. B. Lerner. 111,908; Oct. 25.  
 Mold or similar article, Waffle. J. J. Gough. 110,693; Aug. 2.  
 Molding strip, Metal. C. D. Lowry. 110,432-7; July 12.  
 Molding strip, Metal. C. D. Lowry. 110,439-40; July 12.  
 Molding strip unit, Corner. C. D. Lowry. 110,751-3; Aug. 2.  
 Monument. R. A. Grieve. 112,063; Nov. 8.  
 Monument. F. Scott. 109,568; May 3.  
 Mount, Photographic. E. Koudelka. 112,371; Nov. 29.  
 Mount, Photographic card. J. E. Russell. 111,795; Oct. 18.  
 Mount plate for supply rolls. F. G. Steiner. 112,622; Dec. 20.  
 Mounting, Endpiece for an ophthalmic. G. E. Nerney. 109,670; May 10.  
 Mounting, Multiple gem. J. Granat. 108,123; Jan. 25.  
 Mounting, Ophthalmic. F. M. Spaine. 108,553; Feb. 22.  
 Mounting, Ophthalmic. F. M. Spaine. 108,583; Feb. 22.  
 Mounting, Single gem. J. Granat. 108,233; Feb. 1.  
 Mounting, Stone. F. F. Kahn. 111,656; Oct. 11.  
 Mouthpiece for a telephone transmitter. D. T. Elghamey. 109,316; Apr. 19.  
 Mouthpiece for pipes or the like. W. W. Barling. 110,330; July 5.  
 Mower, Lawn. R. D. Clemson. 111,106; Aug. 30.  
 Mower or similar article, Power lawg. A. R. Cooper. 111,507; Sept. 27.  
 Mower, Power lawn. E. B. Roth. 112,379; Nov. 29.  
 Musical instrument similar to an ocarina. Z. Swanson. 112,623; Dec. 20.



- Musical instrument, Stringed. J. W. Knopp. 110,706; Aug. 2.
- Nail, Decorative. J. Eitinger. 111,020-1; Aug. 23.
- Nail, Decorative. J. Eitinger. 111,565-7; Oct. 4.
- Nail, Decorative. J. Jacobs. 109,806-10; May 24.
- Nail, Decorative. B. Salzberg. 111,088; Aug. 30.
- Napkin, Cocktail. F. R. Helms. 109,274; Apr. 12.
- Necklace. A. Philippe. 108,884; Mar. 22.
- Necktie. P. Melville. 109,251; Apr. 12.
- Negligee. J. E. Abraham. 109,361; Apr. 19.
- Negligee. J. E. Abrahams. 109,683; May 17.
- Negligee. M. M. Cohen. 107,819; Jan. 4.
- Negligee. R. Rosenfeld. 107,912; Jan. 11.
- Negligee. E. E. Stricker. 109,347; Apr. 19.
- Negligee. E. E. Stricker. 109,378; Apr. 19.
- Negligee. E. E. Stricker. 110,604; July 19.
- Negligee. E. E. Stricker. 110,986; Aug. 23.
- Net, Embroidered. A. Grossman and E. Axelrod. 108,434-5; Feb. 15.
- Net, Embroidered. A. Grossman and E. Axelrod. 108,494; Feb. 15.
- Nightgown. E. Cadous. 111,471; Sept. 20.
- Nightgown. S. L. Freedgood. 111,199; Sept. 6.
- Nightshirt. L. W. Helmuth. 111,967; Nov. 1.
- Nozzle, Manual control dispensing. J. H. Tobler. 110,841; Aug. 9.
- Nozzle, Spray. E. B. Frame. 111,807; Oct. 18.
- Oilier, Pocket. V. R. Hall. 109,515; May 3.
- Opener, Can. H. A. Berkman. 109,388; Apr. 26.
- Opener, Can. M. J. Zimmer. 112,628; Dec. 20.
- Opener, Package. M. M. Monaghan. 108,702; Mar. 8.
- Organ, Electric. G. H. Stephens. 108,133; Jan. 25.
- Ornament, Automobile radiator. D. J. Nusz. 112,486; Dec. 6.
- Ornament, Christmas tree. S. D. Cohen. 109,607; May 10.
- Ornament, Christmas tree. P. Kranz and A. P. Schmid. 108,791; Mar. 15.
- Ornament, Christmas tree. P. Kranz and A. P. Schmid. 109,142; Apr. 5.
- Ornament, Christmas tree. P. Kranz and A. P. Schmid. 109,516; May 3.
- Ornament, Christmas tree. F. E. and D. E. Morrison. 109,081; Mar. 29.
- Ornament for a casket or analogous article, Corner. R. Larson. 108,912; Mar. 22.
- Ornament for a casket or analogous article, Corner. R. Larson. 108,960; Mar. 22.
- Ornament for a casket or analogous article, Corner. R. Larson. 108,979; Mar. 22.
- Ornament for a casket or the like, Corner. E. H. Thoresen. 110,230; June 21.
- Ornament, Hair. L. J. Gagnon. 110,922; Aug. 16.
- Ornament, License plate. A. Soletti. 112,222; Nov. 15.
- Ornament or similar article, Automobile radiator. A. J. Gonas. 108,976; Mar. 22.
- Ornament or similar article, Automobile radiator. B. E. Lemm. 112,200; Nov. 15.
- Ornament or similar article, Dress. L. Merkler. 111,080; Aug. 30.
- Ornament or similar article, Hat. S. Antenberg. 112,326; Nov. 22.
- Ornament or the like, Christmas tree. M. L. McGuckin. 112,578; Dec. 13.
- Ornament, Ship. A. Solomon and E. Volynkine. 110,825-6; Aug. 9.
- Ornament, Shoe. H. G. Whitehouse. 109,632; May 10.
- Ottoman. A. Brenner. 109,796; May 24.
- Oven front. J. V. Timmons. 109,680; May 10.
- Overshoe. L. B. Fitzgerald. 109,054; Mar. 29.
- Overshoe or similar article. E. F. Casey. 109,759; May 17.
- Pad for eyeglass nose mountings, Resilient attachment. S. Tyroler. 109,167; Apr. 5.
- Pad or similar article, Hot dish. T. T. Grimsdale. 112,448; Dec. 6.
- Pajama ensemble. H. Wolfe. 109,191; Apr. 5.
- Pajamas. J. E. Abraham. 107,983; Jan. 18.
- Pan, Bake. J. G. Jackson. 109,481-2; May 3.
- Pan, Baking. J. G. Jackson. 108,140-1; Jan. 25.
- Pan, Baking. J. G. Jackson. 112,254; Nov. 22.
- Pan, Baking. H. McKay. 110,032; June 7.
- Panel and support for timer, lamp, and condiment set for stoves, Combined back guard. R. E. Kruck. 112,530; Dec. 13.
- Panel coupling and supporting clip for use in counter display. P. H. Meyer. 108,497; Feb. 15.
- Panel, Electric fence controller. S. A. Moore. 110,287-8; June 28.
- Panel for a memorial structure. S. O. Colbe. 111,318; Sept. 20.
- Panel for an electric arc welder, Front. C. M. Akins. 110,011; June 7.
- Panel for automobile radio sets, Combined manual and automatic tuning. G. W. Bill. 112,360; Nov. 29.
- Panel for outboard motors, Control. J. R. Morgan. 111,814; Oct. 18.
- Pants. A. N. Spanel. 111,620; Oct. 4.
- Paper drilling machine. W. K. Mick. 111,812; Oct. 18.
- Paper or similar article, Decorative. D. C. Miller. 109,455-6; Apr. 26.
- Paper or similar article, Decorative. D. C. Miller. 112,233; Nov. 15.
- Paper or similar article, Wrapping. L. P. Welanetz. 112,223; Nov. 15.
- Paper sheet or similar article. O. C. Goehring. 112,397; Nov. 29.
- Paperweight or similar article. H. Bohme. 112,455; Dec. 6.
- Paper weight or similar article. S. W. Clutton. 109,036; Mar. 29.
- Paper, Wrapping. A. Lewin. 112,118; Nov. 8.
- Partition, Draped. M. Lange. 107,779; Jan. 4.
- Pedestal head and housing for hair waving machines, Combined. F. V. Schleimer. 109,234; Apr. 12.
- Peeler, slicer, and shredder, Combined vegetable. A. H. Johnson. 112,528; Dec. 13.
- Pen, Fountain. N. D. Fish and M. Oehler. 111,301; Sept. 13.
- Penholder, Desk. H. Bohme. 112,456; Dec. 6.
- Pen or similar article, Fountain. A. N. Andrews. 112,401; Nov. 29.
- Pen or similar article, Fountain. B. W. Hanle. 112,283; Nov. 22.
- Pencil. B. B. Blake. 112,750; Dec. 27.
- Pencil. H. J. Roth. 109,231; Apr. 12.
- Pencil. J. J. Sanders. 110,467; July 12.
- Pencil. G. W. Tammen. 108,899; Mar. 22.
- Pencil. M. E. Trolsen. 108,111; Jan. 25.
- Pencil. R. A. Weissenborn. 107,813; Jan. 4.
- Pencil, corkscrew, and bottle opener, Combination. W. Ruby. 109,879; May 31.
- Pencil lead testing machine. C. J. Essmann. 109,638; May 10.
- Pencil or the like. D. Kahn. 110,810; Aug. 9.
- Pencil tip. I. Chesler. 107,745; Jan. 4.
- Pencil tip. J. McNulty. 108,548; Feb. 22.
- Pencil tip. H. J. Roth. 109,816-7; May 24.
- Pennant-like device. F. L. Ogg. 110,257; June 28.
- Photograph. D. C. Rockola. 108,499; Sept. 15.
- Photograph tone arm. J. O. Reinecke. 111,219; Sept. 13.
- Photo flash unit or similar article. O. K. Cazin. 112,633; Dec. 20.
- Photographic enlarger. R. Simmon. 108,554; Feb. 22.
- Piano. H. R. Heller. 111,877; Oct. 25.
- Piano. H. R. Heller. 111,898-900; Oct. 25.
- Piano. W. Zaiser. 110,264; June 28.
- Piano case. W. M. Day. 109,637; May 10.
- Piano, Grand. E. Worthington. 110,943-6; Aug. 18.
- Piano, Upright. E. Worthington. 111,101; Aug. 30.
- Pillow. M. Henfield. 109,060; Mar. 29.
- Pin clip. A. Philippe. 109,082; Mar. 29.
- Pincushion. P. Cecil. 112,228; Nov. 15.
- Pin, Novelty. L. Ditchik. 109,610; May 10.
- Pin or similar article, Brooch. W. W. Hobé. 108,543-4; Feb. 22.
- Pin or similar article, Fraternal. F. J. Theleman. 111,159; Sept. 6.
- Pineapple slice. H. H. Richards. 112,412; Nov. 29.
- Pinking machine. W. T. Maxant. 112,121; Nov. 8.
- Pipe, Smoking. A. E. Lookholder. 109,756; May 17.
- Pipe, Smoking. G. Cippico. 111,278; Sept. 13.
- Pipe, Tobacco. K. F. J. Kirsten. 112,701; Dec. 27.
- Pistol. H. A. Stevens. 110,886-7; Aug. 16.
- Pitcher. L. Guild. 109,979; June 7.
- Pitcher and cover therefor, Combined. W. K. Titze. 111,339; Sept. 20.
- Pitcher or similar article. W. K. Titze. 111,231; Sept. 13.
- Pitcher or similar article, Cream. R. A. Kelly. 108,206; Feb. 1.
- Pitcher or similar article, Water. R. R. Kostellow. 109,485; May 3.
- Pitcher top or similar article. T. Gamble. 110,140; June 21.
- Plaque. M. Pollock. 112,745; Dec. 27.
- Plaque or analogous article, Decorative wall. A. A. Nudell. 111,774; Oct. 18.
- Plaque or similar article. P. S. Donchian. 112,060; Nov. 8.
- Plaque or the like. W. C. Egan and N. F. Deighan. 112,602; Dec. 20.
- Plaque, Wall. A. D. Buralli. 109,124; Apr. 5.
- Plastic sheet or similar article. A. F. Harvey. 108,262; Feb. 1.
- Plate, Dial. M. H. Rhodes. 109,734; May 17.
- Plate for a casket or analogous article, Corner. R. Larson. 108,915; Mar. 22.
- Plate for a casket or analogous article, Corner. R. Larson. 108,917; Mar. 22.
- Plate for a casket or analogous article, Corner. R. Larson. 108,919; Mar. 22.
- Plate for a casket or analogous article, Ornamental. R. Larson. 108,959; Mar. 22.
- Plate for a casket or analogous article, Corner. R. Larson. 111,786; Oct. 18.
- Plate for a casket or analogous article, Corner. R. Larson. 111,788; Oct. 18.
- Plate for a casket or analogous article, Corner. R. Larson. 111,790; Oct. 18.
- Plate for a combined radio tuning dial and control panel, or the like, Escutcheon. L. J. Leishman. 110,617; July 26.
- Plate for an automobile radiator grille or trunk, Decorative. C. Reynolds, Jr. 112,214; Nov. 15.
- Plate for an electric switch, Face. H. M. Kidd. 110,867; Aug. 16.
- Plate for automobiles, Display. M. A. Gould. 111,764; Oct. 18.



- Plate for display cards, Perforate protector. E. Sonin. 109,791; May 17.
- Plate for lighting fixtures, Light controlling. E. F. Guth. 107,774; Jan. 4.
- Plate for mold for hard rubber goods. B. W. Meredith. 109,851; May 24.
- Plate for oven thermometers, Face. G. J. Day. 109,699; May 17.
- Plate for radio receiver apparatus, Escutcheon. R. C. Marholz. 109,895-6; May 31.
- Plate for supporting bus bars in a bus duct system. W. H. Frank. 110,862; Aug. 16.
- Plate for thermometers or the like, Cover. G. E. Ford. 111,139; Sept. 6.
- Plate or analogous article. K. Kato. 109,529; May 3.
- Plate or similar article. H. Barkby. 112,509-10; Dec. 13.
- Plate or similar article. A. J. Bennett. 111,950; Nov. 1.
- Plate or similar article. E. M. Bottoms. 109,975; June 7.
- Plate or similar article. Y. Buma. 108,356; Feb. 8.
- Plate or similar article. Y. Buma. 108,367-80; Feb. 8.
- Plate or similar article. P. S. Donchian. 110,538; July 19.
- Plate or similar article. G. J. Higginson. 108,079-80; Jan. 25.
- Plate or similar article. R. A. Kelly. 107,871; Jan. 11.
- Plate or similar article. R. A. Kelly. 108,005; Jan. 18.
- Plate or similar article. A. J. Koch. 110,359; July 5.
- Plate or similar article. R. R. Kostellow. 112,451; Dec. 6.
- Plate or similar article. R. R. Kostellow. 108,789; Mar. 15.
- Plate or similar article. C. W. Leigh. 109,490-4; May 3.
- Plate or similar article. C. W. Leigh. 109,894; May 31.
- Plate or similar article. G. Sakier. 109,901; May 31.
- Plate or similar article. V. Skellern. 109,506; May 3.
- Plate or similar article. V. Skellern. 109,536; May 3.
- Plate or similar article. A. Stern. 111,819; Oct. 18.
- Plate or similar article. E. C. Styskel. 110,712; Aug. 2.
- Plate or similar article, Deviled egg. A. J. Bennett. 112,168; Nov. 15.
- Plate or similar article, Oyster server. A. J. Bennett. 111,504; Sept. 27.
- Plate or similar article, Salad. R. A. Kelly. 108,004; Jan. 18.
- Plate or similar article, Torte. R. A. Kelly. 107,872; Jan. 11.
- Plate, Signal lamp face. D. M. Rauser. 111,206-7; Sept. 6.
- Platter. L. Guild. 109,980; June 7.
- Platter or similar article. G. J. Higginson. 111,255; Sept. 13.
- Platter, Serving. M. Dreiling. 112,446; Dec. 6.
- Platform frame for typewriting machines. J. N. Hoffman. 106,014; Jan. 18.
- Platform for rugs or the like, Display. L. H. Best. 112,512; Dec. 13.
- Play raft, Child's. G. A. Grant and W. F. Le Moine. 110,540; July 19.
- Plug connector, Electrical appliance. C. B. Stevens. 109,735; May 17.
- Plug valve body unit. E. C. Brisbane. 109,206; Apr. 12.
- Plyer. S. A. Crosby. 110,801; Aug. 9.
- Poker chip or similar article. F. W. Voges. 111,273; Sept. 13.
- Polisher or similar article, Shoe. E. E. Baldwin. 112,188; Nov. 15.
- Pool, Play. W. I. Smith. 112,440; Dec. 6.
- Popcorn vending machine. M. A. Young. 110,511; July 12.
- Portfolio, Music. L. F. Stafford. 109,952; May 31.
- Pot or similar article. W. H. Gerth, G. N. Allen, and C. A. Bennett. 109,298; Apr. 19.
- Pot, Wall plant. E. H. Preston. 111,522; Sept. 27.
- Powder puff or similar article. A. Bernstein. 111,060; Aug. 30.
- Power conversion unit, Portable. C. A. Kotterman. 109,065; Mar. 29.
- Power transmitting unit. L. J. Bishop. 112,102; Nov. 8.
- Press, Forging. W. W. Criley. 111,172; Sept. 6.
- Press or the like. E. M. Pfau. 107,971; Jan. 18.
- Press, Portable. J. S. Rodgers. 110,627; July 26.
- Printer enlarger or similar article, Photographic. G. Fassin. 111,244; Sept. 13.
- Printer, Projection. C. J. Hughey. 108,785; Mar. 15.
- Projector. S. Edwards. 107,948; Jan. 18.
- Projector apparatus, Motion picture. H. J. Reardon. 111,995; Nov. 1.
- Projector, Bann. A. L. McCabe. 109,899; May 31.
- Projector, Combined phonograph and picture. S. C. Volney. 111,798; Oct. 18.
- Projector, Contour measuring. H. F. Kurtz. 111,708; Oct. 11.
- Protector for drinking vessels, Lip. M. L. Hall. 112,449; Dec. 6.
- Projector, Motion picture. E. Boecking. 110,210; June 28.
- Propeller, Fan. E. S. Preston. 109,533; May 3.
- Pump. S. J. Waxelbaum. 112,011; Nov. 1.
- Pump, Shallow well. R. J. Kirkby, R. G. Gracey, R. E. Schumm, and G. E. Hansen. 109,558; May 3.
- Pump, Sprayer. R. Bernhardt. 108,599; Feb. 22.
- Pump unit, Electric operated. V. L. Andrew. 109,932; May 31.
- Pumping unit. E. Vorhees and R. A. Niekamp. 110,935; Aug. 16.
- Pumping unit or similar article. C. E. Mowry. 111,289; Sept. 13.
- Punch, Container. A. C. Acker. 112,355; Nov. 29.
- Putting game device. F. W. Preece. 111,910; Oct. 25.
- Puzzle. S. Hesse. 111,905; Oct. 25.
- Puzzle, Geometric. W. Koerschgen. 108,659; Mar. 1.
- Quoit or similar article. W. Anthony. 110,334; July 5.
- Rack and lighting fixture or similar article, Combination baggage. S. B. McDonald. 109,918; May 31.
- Rack, Book. E. E. Staub. 111,671; Oct. 11.
- Rack, Coin. N. H. Swanson. 108,925; Mar. 22.
- Rack, Color indicator necktie. J. C. McCurrach. 111,210; Sept. 13.
- Rack, Combined lamp and pipe. F. N. Mariani. 111,792; Oct. 18.
- Rack, Croquet. F. S. Chrisman. 112,514; Dec. 13.
- Rack, Croquet. R. W. Muessel. 112,533; Dec. 13.
- Rack, Display. L. H. Best. 108,611; Mar. 1.
- Rack, Display. T. Beyrle. 109,389; Apr. 26.
- Rack, Display. J. H. Pollard. 111,685; Oct. 11.
- Rack, Display. G. E. Richter. 109,620; May 10.
- Rack, Display. A. E. Ritchie. 110,498; July 12.
- Rack, Display. W. R. Wright. 111,913; Oct. 25.
- Rack for bottled beverages or the like, Display. E. R. Erickson. 107,756; Jan. 4.
- Rack for bread or similar articles. E. R. Erickson. 108,321; Feb. 8.
- Rack for bread, pastry, or the like, Display. E. R. Erickson. 107,754; Jan. 4.
- Rack for farm and garden tools, Display. E. Durell. 110,692; Aug. 2.
- Rack for kitchen utensils or the like, Supporting. W. J. Marcus. 109,641; May 10.
- Rack for pastries or the like, Display. E. R. Erickson. 107,755; Jan. 4.
- Rack, Fountain shelf. G. B. Hume. 110,146; June 21.
- Rack, Magazine. H. B. Churchill. 110,269; June 28.
- Rack, Merchandise display. H. A. Granquist. 111,140; Sept. 6.
- Rack, Merchandise display. F. A. Sunderhauf. 110,200; June 21.
- Rack or similar article, Combined magazine and newspaper. L. E. Rubin. 109,154; Apr. 5.
- Rack or similar article, Display. E. R. Erickson. 109,295; Apr. 19.
- Rack or similar article, Towel. R. S. Sanford. 111,997; Nov. 1.
- Rack, Piano music. H. R. Heller. 111,878; Oct. 25.
- Rack, Piano music. H. R. Heller. 111,901-3; Oct. 25.
- Rack, Piano music. H. R. Heller. 112,146; Nov. 15.
- Rack, Pipe. S. Rackmales. 109,757; May 17.
- Rack, Pocketknife display. H. A. Granquist. 111,141; Sept. 6.
- Rack, Tumbler. A. J. Havlis. 111,767; Oct. 18.
- Radiator front. F. M. Young. 110,761; Aug. 2.
- Radiator section, Heat. A. E. Paige. 112,439; Dec. 6.
- Radio and lamp, Combined. C. H. Allen. 110,991; Aug. 23.
- Radio cabinet. J. E. Adams. 111,315; Sept. 20.
- Radio cabinet. R. C. Marholz. 109,250; Apr. 12.
- Radio cabinet or similar article. R. D. Siragusa. 108,222; Feb. 1.
- Radio program reminder. C. A. Conkle. 111,833; Oct. 18.
- Radio set, Automobile. H. J. Tyzzer. 110,116; June 14.
- Radiographic and fluoroscopic unit. A. Simon. 109,880; May 31.
- Rail bender. L. O. Becker. 110,608; July 26.
- Raincoat. M. Brady. 109,122; Apr. 5.
- Raincoat or similar article. D. Cairns. 108,151; Jan. 25.
- Rain stocking. H. C. A. Behr. 108,928; Mar. 22.
- Ramp for protection of hose pipes. G. A. Bainbridge. 111,469; Sept. 20.
- Range. H. T. Burrow. 108,114; Jan. 25.
- Range. R. S. Goldthwaite. 110,924; Aug. 16.
- Range. R. Hoffman. 108,177; Jan. 25.
- Range. J. Teller and A. P. Schulz. 110,987; Aug. 23.
- Range. J. Teller and A. P. Schulz. 111,006 10; Aug. 23.
- Range. J. Teller and A. P. Schulz. 111,191; Sept. 6.
- Range, Cooking. H. H. Heldbreder. 109,059; Mar. 29.
- Range, Gas. B. D. Pellegrin and T. H. Hall. 109,071; Mar. 29.
- Razor and lighting means, Combined electric. R. V. Powell. 109,357; Apr. 19.
- Razor, Electric. G. F. Bahr. 110,797; Aug. 9.
- Razor, Electric. G. F. Bahr. 111,593; Oct. 4.
- Razor, Electric. B. E. Lawrence. 109,409; Apr. 26.
- Razor, Safety. L. Berk. 109,694; May 17.
- Reactor, Electrical. W. J. Garlick Jr. 112,533; Dec. 13.
- Receptacle and holding frame therefor, Combined inner and. B. Dittmer. 109,050; Mar. 29.
- Receptacle, Ash. G. A. Greer. 112,637; Dec. 20.
- Receptacle, Flexible pocket. W. R. Buxton. 108,310; Feb. 8.
- Receptacle for food or liquid, Insulated. J. R. Morgan. 111,029; Aug. 23.
- Receptacle, match holder and ash tray, Combined cigarette. G. Goughmour. 110,365; July 19.
- Receptacle, Wall corner. P. G. Perkins. 109,522; May 3.



- Recorder or the like, Facsimile. W. G. H. Finch. 108,281-2; Feb. 1.  
 Rectifying device, Portable electric. C. A. Kotterman. 109,066; Mar. 29.  
 Redingote. E. M. Ciccone. 108,563-4; Feb. 22.  
 Reel, Mower. R. D. Clemson. 111,873; Oct. 25.  
 Reflector. L. S. Webster. 112,541; Dec. 13.  
 Reflector device, Automobile. C. D. Little. 111,544; Sept. 27.  
 Reflector, Jeweled. L. A. Koch, Jr. 107,778; Jan. 4.  
 Reflector lens or the like. C. M. Bolser. 109,310; Apr. 19.  
 Refrigerator. A. O. Boyce and G. F. Appleby. 108,559; Feb. 22.  
 Refrigerator and serving table, Combination. A. P. Schulz. 111,158; Sept. 6.  
 Register, Autographic. R. D. Budlong. 110,536; July 19.  
 Resonance indicator. W. W. Dewhurst. 111,533; Sept. 27.  
 Restaurant or similar building. F. H. Jantzen. 112,587; Dec. 13.  
 Ribbon. J. D. Huizing. 108,139; Jan. 25.  
 Ribbon. J. D. Huizing. 112,562; Dec. 13.  
 Ring. J. F. Fessel. 109,394; Apr. 26.  
 Ring. M. Goodman. 110,997; Aug. 23.  
 Ring. R. Soroka. 109,085; Mar. 29.  
 Ring. F. L. Thorpe. 109,571; May 3.  
 Ring, Finger. O. Abrecht. 110,888; Aug. 16.  
 Ring, Finger. J. H. Coleman. 109,391; Apr. 26.  
 Ring, Finger. B. E. Cunow. 109,548; May 3.  
 Ring, Finger. J. Fiddelman. 111,579; Oct. 4.  
 Ring, Finger. A. R. Foss. 109,800; May 24.  
 Ring, Finger. A. H. Glaser. 110,615; July 26.  
 Ring, Finger. M. Goodman. 111,023; Aug. 23.  
 Ring, Finger. M. Goodman. 112,281; Nov. 22.  
 Ring, Finger. J. Granat. 108,540; Feb. 22.  
 Ring, Finger. M. Kahn. 112,605; Dec. 20.  
 Ring, Finger. F. P. Kinsley. 112,285; Nov. 22.  
 Ring, Finger. J. J. Klecka. 107,874; Jan. 11.  
 Ring, Finger. J. J. Klecka. 111,975; Nov. 1.  
 Ring, Finger. J. H. Schaeffer. 109,305; Apr. 19.  
 Ring, Finger. W. Silverman. 109,308-9; Apr. 19.  
 Ring, Finger. M. J. Stein and L. Aisenstein. 109,626; May 10.  
 Ring, Finger. N. C. Sternberg. 108,250; Feb. 1.  
 Ring, Initial. M. Goodman. 111,024; Aug. 23.  
 Ring mounting. J. H. Schaeffer. 109,307; Apr. 19.  
 Ring mounting. J. H. Schaeffer. 109,737; May 17.  
 Ring mounting, Finger. J. Dinhofer. 109,704; May 17.  
 Ring mounting or similar article. J. Berland. 112,271; Nov. 22.  
 Ring or similar article. M. Kronstadt. 111,325; Sept. 20.  
 Ring or similar article, Finger. J. L. Herzog. 111,493; Sept. 27.  
 Ring or similar article, Finger. S. Jaffe. 109,714; May 17.  
 Ring or the like. F. Milhening. 112,563; Dec. 13.  
 Ring, Wedding. L. Beitchman and A. Hechtman. 109,290; Apr. 19.  
 Ring, Wedding. J. Granat. 108,541; Feb. 22.  
 Ring, Wedding. J. H. Schaeffer. 109,304; Apr. 19.  
 Ring, Wedding. J. H. Schaeffer. 109,306; Apr. 19.  
 Robe. S. Barsa. 109,693; May 17.  
 Robe. M. Restell. 112,565; Dec. 13.  
 Roller-coaster, Knee-high. W. T. and M. B. Phillips. 109,335; Apr. 19.  
 Roof or the like. T. W. Foley. 109,077; Mar. 29.  
 Rowboat. C. G. MacGregor. 112,120; Nov. 8.  
 Rug. R. F. Bemporad. 107,890; Jan. 11.  
 Rug. R. F. Bemporad. 108,742; Mar. 8.  
 Rug. L. Biva. 108,258; Feb. 1.  
 Rug. M. Feldman. 109,052-3; Mar. 29.  
 Rug. M. Feldman. 111,488; Sept. 27.  
 Rug. M. Feldman. 111,760; Oct. 13.  
 Rug. S. C. Halladay. 112,739; Dec. 27.  
 Rug. W. W. Robinson. 108,581; Feb. 22.  
 Rug. E. L. Russum. 108,246; Feb. 1.  
 Rug. F. Sudell. 110,405; July 5.  
 Rug or similar article. H. J. Muller. 111,186; Sept. 6.  
 Rug or similar article. H. J. Muller. 111,684; Oct. 11.  
 Rug or similar article. F. W. Rauscher. 111,686; Oct. 11.  
 Sachet. I. Perlmutter. 109,356; Apr. 19.  
 Sadiron. R. I. Huffman. 112,527; Dec. 13.  
 Sadiron, Electric. D. Goldberg. 111,600; Oct. 4.  
 Sadiron or similar article. R. I. Huffman. 110,998; Aug. 23.  
 Sadiron or similar article. R. I. Huffman. 111,341; Sept. 20.  
 Sadiron or similar article. A. S. Knapp. 111,046; Aug. 23.  
 Sadiron or similar article. R. B. Paysee. 112,376-7; Nov. 29.  
 Sail top. A. W. Steele. 108,306; Feb. 1.  
 Sandal. J. H. Louchheim, Jr. 109,410; Apr. 26.  
 Sandal. J. Oliphant. 110,362; July 5.  
 Sandal, Adjustable vamp. C. Zohlman. 112,629; Dec. 20.  
 Saucer. G. Wood. 109,508; May 3.  
 Saw, Band. J. R. Morgan. 108,245; Feb. 1.  
 Saw, frame, Scroll. A. Haas. 110,749; Aug. 2.  
 Saw handle. A. C. Ferguson. 110,567; July 19.  
 Scaffold end frame. R. A. Uecker, D. E. Beatty, and I. G. Rambo. 110,653; July 26.  
 Scaffold unit. G. W. Frost. 111,651; Oct. 11.  
 Scale. M. Garbell. 109,710; May 17.  
 Scale. O. D. Jennings. 108,329; Feb. 8.  
 Scale and vending device, Combined weighing. G. G. Eidman. 111,510; Sept. 27.  
 Scale, Bathroom. A. Swainson. 109,348; Apr. 19.  
 Scale or article of similar nature, Weighing. T. B. Flanagan. 109,799; May 24.  
 Scale or article of similar nature, Weighing. T. B. Flanagan. 111,320; Sept. 20.  
 Scale, Platform. C. R. Kirk. 108,239; Feb. 1.  
 Scale, Platform. C. R. Kirk. 110,393; July 5.  
 Scale, vending machine, and advertising cabinet, Combined. J. C. Trice. 112,296; Nov. 22.  
 Scale, Weighing. W. Watling. 112,685; Dec. 27.  
 Scarf. I. Acker. 109,004; Mar. 22.  
 Scarf. C. A. Cornibert. 111,595; Oct. 4.  
 Scarf. A. M. Lowenthal. 112,309; Nov. 22.  
 Scarf. P. Q. O'Hara. 108,019; Jan. 18.  
 Scarf and cap, Combined. M. Stuchin. 110,039; June 7.  
 Scarf blouse. J. F. Berlinger. 107,920; Jan. 11.  
 Scarf, Embroidered lace. J. Goldstein. 108,433; Feb. 15.  
 Scarf, Fur. I. Cohen. 109,264; Apr. 12.  
 Scarf or similar article. I. Abzug. 108,146; Jan. 25.  
 Scarf or similar article. P. Bubenheim. 111,627; Oct. 4.  
 Scarf or similar article. T. Sarg. 111,731; Oct. 11.  
 Scarf or similar article. D. E. Schwab. 111,498; Sept. 27.  
 Scarf or similar article, Lace. H. A. Philips. 111,083; Aug. 30.  
 Scarf or similar article, Lace. H. A. Philips. 111,290; Sept. 13.  
 Scarf or similar article, Table. W. E. Rutsch and O. Schulze. 112,566; Dec. 13.  
 Scooter. R. V. Ward. 108,503; Feb. 15.  
 Scooter footboard. S. A. Snell. 109,820; May 24.  
 Scooter, Motor. D. C. Rockola. 111,525; Sept. 27.  
 Scraper, Boot. S. B. Butt. 109,603; May 10.  
 Scraper device, Utility. A. Petker. 109,334; Apr. 19.  
 Screen for an automobile radiator. B. Wengard. 109,525; May 3.  
 Screw driver. R. J. Velepec. 112,592; Dec. 20.  
 Screw driver and wrench, Combined. W. E. La Rue. 111,907; Oct. 25.  
 Scrubbing machine. J. A. Backlund. 111,887; Oct. 25.  
 Seat, Chair. W. H. Bond, Jr. 111,952; Nov. 1.  
 Seat, Chair. J. W. Burks. 107,852; Jan. 11.  
 Seat or similar article, Stool. K. A. Nelson. 110,708; Aug. 2.  
 Seat or similar article, Vehicle. F. E. Van Hoesen. 108,989; Mar. 22.  
 Seesaw apparatus. J. K. Milton and C. Young. 107,784; Jan. 4.  
 Self-photographing apparatus. W. W. Rice. 111,614; Oct. 4.  
 Sequin-embroidered appliqué. B. S. Bergman. 110,771; Aug. 2.  
 Server, Strip. T. R. Gautier. 111,568; Oct. 4.  
 Service station. R. N. Aldrich and A. H. Jaehne. 109,031; Mar. 29.  
 Servicing apparatus or the like for filling stations. A. P. Fox. 111,511; Sept. 27.  
 Settee. I. Salomon. 110,676; July 26.  
 Setting for a ring, Gem. H. Rufeisen. 108,551; Feb. 22.  
 Sewing machine. R. Casas Robert. 111,594; Oct. 4.  
 Shade, Lamp. W. H. Biever. 112,189; Nov. 15.  
 Shade, Lamp. J. W. Brooks. 110,890; Aug. 16.  
 Shade, Lamp. V. Nemeroff. 110,255; June 28.  
 Shade, Lamp. V. Nemeroff. 111,213; Sept. 13.  
 Shade, Light diffusing torchiere. R. Orth. 109,617; May 10.  
 Shade, Light diffusing torchiere. R. Orth. 110,114; June 14.  
 Shade or similar article, Lamp. P. S. Donchian. 110,173; June 21.  
 Shade or similar article, Light. J. V. Donner. 112,245-6; Nov. 22.  
 Shaker, Beverage. E. G. De Foe. 108,932; Mar. 22.  
 Shaker, Cocktail. A. Solomon. 111,500; Sept. 27.  
 Shaker, Combination salt and pepper. J. Bissell. 107,741; Jan. 4.  
 Shaker, Combination salt and pepper. R. Gravem. 108,942; Mar. 22.  
 Shaker, Condiment. M. S. Desser. 109,477; May 3.  
 Shaker, Condiment. E. W. Fuerst. 112,062; Nov. 8.  
 Shaker or similar article, Salt. R. A. Kelly. 108,207; Feb. 1.  
 Shaker, Salt or pepper. Y. Buma. 108,364-6; Feb. 8.  
 Sharpener. A. W. Walker. 109,074; Mar. 29.  
 Sharpener, Knife. E. W. Carpenter. 111,174; Sept. 6.  
 Shaver, Dry. R. Knapp. 108,015; Jan. 18.  
 Shaver, Electric. G. T. Scharfenberg. 111,574; Oct. 4.  
 Shaver, Electric. C. W. Stillwell. 110,158; June 21.  
 Shaver, Electric. S. Van Tuyl and E. E. Collison. 111,776; Oct. 18.  
 Shaving device. L. V. Aronson. 109,384; Apr. 26.  
 Shaving device, Electric. J. A. Hanley. 108,440-1; Feb. 15.  
 Shaving implement. H. T. Schiff. 109,624; May 10.  
 Shears. A. A. Lincoln. 111,027; Aug. 23.  
 Shears or similar articles. D. C. Feather. 109,212; Apr. 12.



- Sheet or similar article, Plastic. R. T. Billings. 112,569; Dec. 13.
- Sheet or similar article, Plastic. E. A. Dunn and E. C. Gauss. 110,343-50; July 5.
- Sheet or similar article, Plastic. H. E. Smith. 112,294; Nov. 22.
- Sheet or similar article, Plastic. R. T. Teetsel. 110,373-5; July 5.
- Sheet or similar article, Plastic. A. J. Wilczynski. 109,432; Apr. 26.
- Shelf and brackets therefor or similar article, Combined kitchen. A. M. Feldman. 112,447; Dec. 6.
- Shelf unit, Portable refrigerator individual ice cream. G. B. Hume. 111,076; Aug. 30.
- Shield, Bathtub overflow. W. H. Ehrhorn. 111,136; Sept. 6.
- Shield for a velocipede frame. B. J. Anderson. 109,044; Mar. 29.
- Shield, Radiator. E. J. Roithner. 110,675; July 26.
- Shield, Sun. R. Ehrlich. 109,444; Apr. 26.
- Shirt. B. Bratman and W. Stechel. 109,828; May 24.
- Shirt. D. Mcville. 110,421; July 5.
- Shirt. C. Podsen. 112,564; Dec. 13.
- Shirt or similar article, Athletic. S. N. Friedland. 109,319; Apr. 19.
- Shirt, Sweat. H. Charles. 110,580; July 19.
- Shoe. J. E. Andrews. 110,012; June 7.
- Shoe. J. E. Andrews. 110,163; June 21.
- Shoe. J. E. Andrews. 110,935; June 28.
- Shoe. B. Benjamin. 108,315; Feb. 8.
- Shoe. W. H. Benton. 110,609-10; July 26.
- Shoe. W. H. Benton. 110,634; July 26.
- Shoe. J. L. Bitterman. 112,330-3; Nov. 29.
- Shoe. J. L. Bitterman. 112,416; Dec. 6.
- Shoe. D. J. Calderazzo. 112,052; Nov. 8.
- Shoe. C. H. Caldwell. 109,865-6; May 31.
- Shoe. W. L. Delaney. 107,946; Jan. 18.
- Shoe. H. B. Delman. 109,313; Apr. 19.
- Shoe. H. B. Delman. 111,509; Sept. 27.
- Shoe. H. B. Delman. 112,056-8; Nov. 8.
- Shoe. H. B. Delman. 112,600-1; Dec. 20.
- Shoe. T. Dronoff. 108,658; Mar. 1.
- Shoe. W. Ebling. 109,868; May 31.
- Shoe. W. Ebling. 110,716; Aug. 2.
- Shoe. L. J. Epstein. 107,949; Jan. 18.
- Shoe. L. J. Epstein. 108,120; Jan. 25.
- Shoe. R. E. Frederick. 108,851; Mar. 15.
- Shoe. R. E. Frederick. 109,318; Apr. 19.
- Shoe. E. Freeman. 109,132; Apr. 5.
- Shoe. H. Geller. 107,769; Jan. 4.
- Shoe. H. Geller. 108,325; Feb. 8.
- Shoe. H. Geller. 111,490; Sept. 27.
- Shoe. D. Gilbert. 110,960; Aug. 23.
- Shoe. D. Gilbert. 112,251; Nov. 22.
- Shoe. N. H. Gilman. 109,215; Apr. 12.
- Shoe. M. Gordon and J. Fein. 109,041; Mar. 29.
- Shoe. B. F. Hartwell. 112,342; Nov. 29.
- Shoe. C. E. Hosker. 111,808; Oct. 18.
- Shoe. S. Hurwit. 111,678-80; Oct. 11.
- Shoe. A. Hurzeler. 108,479; Feb. 15.
- Shoe. A. Hurzeler. 110,248; June 28.
- Shoe. L. J. Jordan. 112,144; Nov. 8.
- Shoe. M. Kalmon. 112,071; Nov. 8.
- Shoe. J. I. Kaplan. 110,068; June 14.
- Shoe. J. S. Kent, Jr. 110,811; Aug. 9.
- Shoe. A. A. Kotzin. 108,496; Feb. 15.
- Shoe. J. Lanz. 107,962; Jan. 18.
- Shoe. J. Lanz. 108,101; Jan. 25.
- Shoe. A. H. Lessing. 107,963; Jan. 18.
- Shoe. D. Levin. 107,876; Jan. 11.
- Shoe. D. Levin. 109,225; Apr. 12.
- Shoe. D. Levin. 109,869-74; May 31.
- Shoe. D. Levin. 110,069; June 14.
- Shoe. D. Levin. 110,182-3; June 21.
- Shoe. D. Levin. 110,249-51; June 28.
- Shoe. D. Levin. 110,431; July 12.
- Shoe. D. Levin. 110,724; Aug. 2.
- Shoe. D. Levin. 111,118; Aug. 30.
- Shoe. D. Levin. 112,074; Nov. 8.
- Shoe. D. Levin. 112,076; Nov. 8.
- Shoe. D. Levin. 112,258; Nov. 22.
- Shoe. D. Levin. 112,308; Nov. 22.
- Shoe. A. D. Levine. 108,333; Feb. 8.
- Shoe. A. D. Levine. 112,608; Dec. 20.
- Shoe. I. Lippert. 108,793; Mar. 15.
- Shoe. M. Lippert. 109,020; Mar. 29.
- Shoe. P. Lorman. 112,081; Nov. 8.
- Shoe. A. W. Lutz. 108,334; Feb. 8.
- Shoe. A. W. Lutz. 112,311; Nov. 29.
- Shoe. R. Maling. 108,126; Jan. 25.
- Shoe. R. Maling. 110,999-1000; July 19.
- Shoe. F. Molca. 108,340; Feb. 8.
- Shoe. H. Odencrants. 108,129; Jan. 25.
- Shoe. H. Odencrants. 110,818; Aug. 9.
- Shoe. A. Ornstern. 110,645; July 26.
- Shoe. E. A. Parker. 108,481; Feb. 15.
- Shoe. B. F. Parrelli, Jr. 110,978; Aug. 23.
- Shoe. D. F. Outley. 110,821; Aug. 9.
- Shoe. R. F. Rossi. 110,734; Aug. 2.
- Shoe. R. F. Rossi. 110,850; Aug. 9.
- Shoe. M. Shmizer. 108,500; Feb. 15.
- Shoe. C. B. Snyder. 107,886; Jan. 11.
- Shoe. H. Sobel. 109,343; Apr. 19.
- Shoe. E. Solnit. 110,824; Aug. 9.
- Shoe. J. R. Sutton. 109,678-9; May 10.
- Shoe. J. Timpanelli. 109,349; Apr. 19.
- Shoe. A. H. Tupper. 112,095-6; Nov. 8.
- Shoe. M. Ullman. 109,881; May 31.
- Shoe. A. Vamos. 107,887; Jan. 11.
- Shoe. B. L. Wales. 110,554-5; July 19.
- Shoe. B. L. Wales. 111,095; Aug. 30.
- Shoe. B. Weiner. 110,381; July 5.
- Shoe. B. Weiner. 110,449; July 12.
- Shoe. B. Weiner. 111,096; Aug. 30.
- Shoe. S. Weinstein. 108,134; Jan. 25.
- Shoe. P. Weinstein. 108,486; Feb. 15.
- Shoe, Electrically lighted. A. Miccoch. 108,751; Mar. 8.
- Shoe, Embroidered perforated fabric. H. E. McMahon, B. J. Riley, and M. J. Prandy. 110,728; Aug. 2.
- Shoe eyelet. S. G. Mandalian. 108,547; Feb. 22.
- Shoe or similar article. B. Benjamin. 110,238-9; June 28.
- Shoe or similar article. B. Benjamin. 110,427; July 12.
- Shoe or similar article. I. Berman. 112,328-9; Nov. 29.
- Shoe or similar article. R. S. Cook. 108,615; Mar. 1.
- Shoe or similar article. V. De Liso. 108,616-18; Mar. 1.
- Shoe or similar article. V. De Liso. 111,675-7; Oct. 11.
- Shoe or similar article. N. Elkin. 108,474; Feb. 15.
- Shoe or similar article. N. Elkin. 109,037-9; Mar. 29.
- Shoe or similar article. N. Elkin. 111,279-81; Sept. 13.
- Shoe or similar article. N. Elkin. 112,337; Nov. 29.
- Shoe or similar article. J. Fein. 109,786; May 17.
- Shoe or similar article. B. Feldman. 107,763; Jan. 4.
- Shoe or similar article. S. Ferragamo. 107,857-9; Jan. 11.
- Shoe or similar article. S. Ferragamo. 108,619-20; Mar. 1.
- Shoe or similar article. K. B. Keyes. 112,256-7; Nov. 22.
- Shoe or similar article. D. Levin. 112,075; Nov. 8.
- Shoe or similar article. D. Levin. 112,077; Nov. 8.
- Shoe or similar article. D. Levin. 112,305-7; Nov. 22.
- Shoe or similar article. D. E. Levin. 108,480; Feb. 15.
- Shoe or similar article. J. C. Pape. 107,786-9; Jan. 4.
- Shoe or similar article. A. Perugia. 111,856-8; Oct. 25.
- Shoe or similar article. A. Perugia. 112,085-6; Nov. 8.
- Shoe or similar article. O. M. Pick. 108,103-7; Jan. 25.
- Shoe or similar article. O. M. Pick. 108,128; Jan. 25.
- Shoe or similar article. C. I. Rockmore. 110,732; Aug. 2.
- Shoe or similar article. L. Sholtz. 107,798-9; Jan. 4.
- Shoe or similar article. L. Sholtz. 110,443-8; July 12.
- Shoe or similar article. L. Sholtz. 110,982; Aug. 23.
- Shoe or similar article. S. Troy. 107,807-8; Jan. 4.
- Shoe or similar article. S. Troy. 111,866; Oct. 25.
- Shoe or similar article. S. Troy. 112,008; Nov. 1.
- Shoe or similar article. S. Troy. 112,624; Dec. 20.
- Shoe or similar article. M. Ullman. 112,009; Nov. 1.
- Shoe or similar article. A. E. Wagman. 112,625; Dec. 20.
- Shoe or similar article. A. Wertheim. 107,812; Jan. 4.
- Shoe or similar article. A. Wertheim. 110,076; June 14.
- Shoe or similar article. A. Wertheim. 110,450; July 12.
- Shoe or similar article. M. Winkel. 109,882; May 31.
- Shoe or similar article. P. J. C. Wolfier. 112,014; Nov. 1.
- Shoe or similar article. S. A. Wood. 108,855-6; Mar. 15.
- Shoe or similar article. S. A. Wood. 110,077-9; June 14.
- Shoe or similar article. S. A. Wood. 111,691-2; Oct. 11.
- Shoe or similar article. W. Zellweger. 107,814; Jan. 4.
- Shoe polishing device or similar article. F. W. Watson. 110,591; July 19.
- Shoe retainer. E. J. O'Brien. 110,191; June 21.
- Shoe skate clog. J. V. Lewis. 112,078; Nov. 8.
- Shoe sole. N. E. Tinsley. 107,977; Jan. 18.
- Shoe, Tennis. J. F. Eldon. 108,320; Feb. 8.
- Shoe upper material. C. H. Caldwell. 109,867; May 31.
- Shorts. J. Mcville. 110,253; June 28.
- Shrine, Illuminated. L. Alter. 110,745; Aug. 2.
- Shrine, Miniature religious. J. L. Zacharias. 112,015; Nov. 1.
- Shrine or similar article, Miniature religious. L. Hochstadter. 111,452; Sept. 20.
- Shroud, Automobile exhaust. L. A. Koch. 111,976-80; Nov. 1.
- Shroud, Automobile exhaust. L. A. Koch. 112,370; Nov. 29.
- Shroud, Automobile exhaust. L. A. Koch. 112,480-2; Dec. 6.
- Sign. O. C. Applegate, Jr., and E. G. Neale. 111,576; Oct. 4.
- Sign. D. G. Berger. 110,856; Aug. 16.
- Sign. J. R. Tilton and A. Braun. 109,166; Apr. 5.
- Sign, Advertising. C. V. Hike. 110,488; July 12.
- Sign, Advertising. J. Kay. 111,553-5; Oct. 4.
- Sign, Advertising. J. Kay. 111,605-7; Oct. 4.
- Signboard. A. L. Rancie. 112,110; Dec. 6.
- Signboard and danger reflector combination. G. L. Joyce and E. L. Oakley. 112,539; Dec. 13.
- Signboard or similar article. W. Miller. 111,326; Sept. 20.
- Signboard or similar article. C. E. Smith. 111,331-7; Sept. 20.
- Sign for automobiles or the like. W. I. Moore. 111,988; Nov. 1.
- Sign, Illuminated. W. A. Lintern. 107,780; Jan. 4.



- Sign, Illuminated advertising display. W. T. Johns. 110,866; Aug. 16.
- Sign, Interchangeable price. L. Manchan. 108,452; Feb. 15.
- Sign, Parkway. H. F. Koelling. 109,408; Apr. 26.
- Sign, Road. L. M. Summers. 108,108-9; Jan. 25.
- Signal arm. M. C. Magarian. 109,148; Apr. 5.
- Signal device. L. Rittenhouse. 112,215; Nov. 15.
- Signal device. L. Rittenhouse and S. M. Crossett. 112,088; Nov. 8.
- Signal device of a paging unit system. I. J. Adus. 109,883; May 31.
- Signal device or the like, Reflector. J. C. Haggart, Jr. 111,966; Nov. 1.
- Signal, Highway traffic. G. E. Archer. 109,540; May 3.
- Signal, Illuminable traffic. F. A. Robinson and C. Reuter. 112,089; Nov. 8.
- Signal or similar article, Electric flare. B. F. Muldoon. 108,647; Mar. 1.
- Signal, Street traffic. H. M. Young. 112,473; Dec. 6.
- Signal, Traffic. R. Petrochko. 110,646; July 26.
- Signal, Turn. F. Katzy. 110,898; Aug. 16.
- Signal unit or similar article, Audible. J. M. Aufiero. 108,814; Mar. 15.
- Signal unit or similar article, Audible. P. Nielsen. 111,187-9; Sept. 6.
- Signal, Vehicle direction. E. F. Woodworth. 111,100; Aug. 30.
- Sink. J. R. Morgan. 108,017; Jan. 18.
- Sink and cabinet, Combined. J. Stanitz. 108,897; Mar. 22.
- Siphon head. E. W. Fuerst. 109,241-5; Apr. 12.
- Siphon head. L. D. Soubier. 108,966; Mar. 22.
- Siphon head. L. D. Soubier. 109,254-6; Apr. 12.
- Siphon head or similar article. H. J. Ross. 112,181; Nov. 15.
- Skate, Roller. A. F. Kaptuller. 110,722; Aug. 2.
- Skillet. A. M. Weis. 110,117; June 14.
- Skirt, Tennis. C. Mellen. 110,531; July 12.
- Sled runner. J. M. Bowen. 109,240; Apr. 12.
- Slicing machine. C. Dapp. 107,855; Jan. 11.
- Slide, Coaster. H. W. Hanna. 111,876; Oct. 25.
- Slide viewing device. G. B. Gallasch. 109,397; Apr. 26.
- Slider for fastening elements. A. G. Stevens. 109,344; Apr. 19.
- Slip. H. Diamond. 108,657; Mar. 1.
- Slip. I. Elster. 110,515; July 12.
- Slip. S. B. Hochman. 108,027; Jan. 18.
- Slip. A. Inerman. 111,201; Sept. 6.
- Slip. S. Landau. 111,286; Sept. 13.
- Slip. R. Taisch. 109,284; Apr. 12.
- Slip, Lady's. S. J. Dichter. 109,945; May 31.
- Slip or similar article. D. Levy. 108,181; Jan. 25.
- Slip or similar article. D. Levy. 108,214-15; Feb. 1.
- Slipper. I. Berman. 110,955-6; Aug. 23.
- Slipper. I. Berman. 111,115; Aug. 30.
- Slipper. I. Berman. 111,845; Oct. 25.
- Slipper. D. J. Calderazzo. 110,428-9; July 12.
- Slipper. G. Del Re. 110,242; June 28.
- Slipper. R. E. Frederick. 109,613; May 10.
- Slipper. L. Goodkind. 107,956; Jan. 18.
- Slipper. R. Kaminsky. 110,134; June 14.
- Slipper. J. Meltzer. 111,211; Sept. 13.
- Slipper. A. Rosenberg. 109,853; May 24.
- Slipper. O. A. Saccal. 110,071-3; June 14.
- Slipper. H. Shurak. 109,625; May 10.
- Slipper or similar article. H. Springer. 108,132; Jan. 25.
- Slipper or similar article, Convertible cuff. E. Cadous. 111,783; Oct. 18.
- Smoking device. G. Cippico. 109,605; May 10.
- Soap, Cake of. F. N. Lewis. 110,971; Aug. 23.
- Soap or the like, Cake of. F. McIntosh. 109,496; May 3.
- Sock. W. F. Connor and M. E. Carney. 110,918; Aug. 16.
- Sock. C. L. Hynes. 112,368; Nov. 29.
- Sock or similar article, Top. A. Morrison. 108,342; Feb. 8.
- Sole and heel, Combination. W. E. Kavenagh. 108,623; Mar. 1.
- Sole and heel, Combined rubber. A. E. Tebbutt. 112,429; Dec. 6.
- Sole or similar article. D. C. Hubbard. 108,286; Feb. 1.
- Sorting device. R. H. Chambers. 110,241; June 28.
- Spark plug. P. D. Jackson. 110,518; July 12.
- Spectacle front. G. E. Nerney. 109,566; May 3.
- Spectacle front. J. J. Pomeranz. 109,673; May 10.
- Spectacle front. J. J. Pomeranz. 110,259; June 28.
- Spectacles or similar articles, Pair of. L. H. Kirk and C. Plouffe. 110,029; June 7.
- Spectacles, Pair of. E. M. Spaine. 109,772; May 17.
- Speedometer. C. M. Gunn. 109,639; May 10.
- Spoon. A. C. Brannock. 109,795; May 24.
- Spoon. C. A. Joslin. 110,569; July 19.
- Spoon. P. F. Meyer. 108,878; Mar. 22.
- Spoon or analogous article. A. J. Flauder. 108,538; Feb. 22.
- Spoon or analogous article. A. J. Flauder. 110,807; Aug. 9.
- Spoon or other article of flatware. E. A. Brenner. 111,131-3; Sept. 6.
- Spoon or other article of flatware. E. J. Conroy. 108,318; Feb. 8.
- Spoon or other article of flatware. E. J. Conroy. 109,294; Apr. 19.
- Spoon or other article of flatware. M. A. Downs. 108,319; Feb. 8.
- Spoon or other article of flatware. M. A. Downs. 108,431; Feb. 15.
- Spoon or other article of flatware. M. A. Downs. 108,692; Mar. 8.
- Spoon or other article of flatware. L. V. Helander. 112,065; Nov. 8.
- Spoon or other article of flatware. L. V. M. Helander. 110,561; July 19.
- Spoon or other article of flatware. A. G. Kintz. 110,548; July 19.
- Spoon or other article of flatware. A. G. Kintz. 111,515; Sept. 27.
- Spoon or other article of flatware. A. G. Kintz. 112,427-8; Dec. 6.
- Spoon or other article of flatware. J. P. Petterson. 110,647; July 26.
- Spoon or other article of flatware. J. R. Price. 109,766; May 17.
- Spoon or other article of flatware. J. R. Price. 112,130; Nov. 8.
- Spoon or other article of flatware. J. R. Price. 112,310; Nov. 22.
- Spoon or other article of flatware. C. F. Simms. 109,156; Apr. 5.
- Spoon or other article of flatware. A. H. Staf. 108,249; Feb. 1.
- Spoon or other article of flatware. W. S. Warren. 109,087; Mar. 29.
- Spoon or other article of flatware. W. S. Warren. 110,041; June 7.
- Spoon or similar article. G. N. Allen, W. H. Gerth, and L. E. Ressegger. 109,075; Mar. 29.
- Spoon or similar article. G. N. Allen, L. E. Ressegger, and M. P. Fleming. 108,532; Feb. 22.
- Spoon or similar article. P. J. Chéron. 109,076; Mar. 29.
- Spoon or similar article. F. S. Trumbull. 109,086; Mar. 29.
- Spoon or similar article. F. S. Trumbull. 110,828; Aug. 9.
- Spoon or similar article. G. L. Turner. 111,883; Oct. 25.
- Spoon or similar article, Measuring. T. Pratt and R. Schumacher, Jr. 112,616; Dec. 20.
- Spray gun, Metal. F. O. Albertson. 112,356; Nov. 29.
- Sprayer. J. W. Patterson. 111,588; Oct. 4.
- Spraying unit. M. Rosenberg. 111,591; Oct. 4.
- Spread or similar article. M. F. Hauck. 109,138; Apr. 5.
- Spread or similar article. M. F. Hauck. 109,659; May 10.
- Spread or similar article. M. F. Hauck. 109,711; May 17.
- Spread or similar article. M. F. Hauck. 109,762; May 17.
- Spread or similar article. M. F. Hauck. 110,024; June 7.
- Spring. G. G. Powers. 109,730; May 17.
- Stage or similar article, Mortuary. M. Lange. 108,958; Mar. 22.
- Stair tread. L. J. Knapp. 110,812; Aug. 9.
- Stair tread. W. S. Pattison. 108,962; Mar. 22.
- Stair tread. H. M. Pryale. 112,720; Dec. 27.
- Stair tread holder or similar article. E. Reynolds. 109,619; May 10.
- Stake for croquet and like games. J. R. Morgan. 108,719; Mar. 8.
- Stamp or similar article, Merchants' discount. J. L. Ellman. 110,321; June 28.
- Stamp or similar article, Tax. A. Rabito. 108,384; Feb. 8.
- Stamp or similar article, Tax. A. Rabito. 109,731; May 17.
- Stamp or similar article, Tax. D. M. Turner. 111,092; Aug. 30.
- Stand and remote radio control, Combination lamp. G. H. Weiner. 110,713; Aug. 2.
- Stand, Bottle. J. Revson. 108,218; Feb. 1.
- Stand, Christmas tree. L. Lazarski. 109,146; Apr. 5.
- Stand, Combination smoker's and reader's. I. Kain. 112,369; Nov. 29.
- Stand, Counter display. E. R. Erickson. 111,759; Oct. 18.
- Stand, Dental equipment. H. Dreyfuss. 110,274-5; June 28.
- Stand, Dental equipment. H. Dreyfuss. 110,277; June 28.
- Stand, Display. H. Armstrong. 109,467; May 3.
- Stand, Display. T. Beyrle. 109,291; Apr. 19.
- Stand, Display. S. Bloomfield. 108,418; Feb. 15.
- Stand, Display. C. H. Forbell. 110,940; Aug. 16.
- Stand, Display. C. H. Foster. 107,766; Jan. 4.
- Stand, Display. W. Hansen. 110,487; July 12.
- Stand, Display. R. A. Hennings. 108,235; Feb. 1.
- Stand, Display. H. S. Johnston, Jr. 108,446; Feb. 15.
- Stand, Display. H. E. Lacy. 109,489; May 3.
- Stand, Display. C. W. Lea. 109,531; May 3.
- Stand, Display. E. E. Peterson. 112,536; Dec. 13.
- Stand, Display. M. H. Stephens. 112,261; Nov. 22.
- Stand, Floral display. R. A. Norton. 108,626; Mar. 1.
- Stand, Floral display. R. A. Norton. 110,976; Aug. 23.
- Stand, Flower. A. M. Corwin. 112,678; Dec. 27.
- Stand for business machines. W. A. Anderson. 108,313; Feb. 8.



- Stand for dial telephones, Electric lamp. L. Ludwig. 110,816; Aug. 9.
- Stand for fruit or the like, Display. A. Smith. 107,803; Jan. 4.
- Stand for jewelry and similar article, Display. R. Christen. 108,562; Feb. 22.
- Stand for perfume bottles, L. Lelong. 111,518; Sept. 27.
- Stand for perfume bottles or the like, Display. S. Schain. 110,305; June 28.
- Stand, Lamp. M. Ozlek. 108,216; Feb. 1.
- Stand or similar article, Display. W. F. Costello. 111,319; Sept. 20.
- Stand or similar article, Reservoir desk. R. Rose. 111,153; Sept. 6.
- Stand or the like, Griddle. L. W. Ray and F. H. Wirtz. 109,732; May 17.
- Stand, Perfume. C. Kushner. 111,982; Nov. 1.
- Stand, Radio display. R. N. McKinney. 108,749; Mar. 8.
- Stand, Shirt display. M. C. Meyer. 110,187; June 21.
- Stand, Smoker's. M. De Meyere. 112,692; Dec. 27.
- Stand, Smoking. G. C. De Hart. 109,211; Apr. 12.
- Stand, Smoking. M. De Meyere. 112,693; Dec. 27.
- Stand, Smoking. K. Kipp. 110,463-4; July 12.
- Stand, Smoking. O. Mankki. 110,005; June 7.
- Stand, Smoking. O. Mankki. 110,031; June 7.
- Stand, Smoking. J. K. Milton. 108,549; Feb. 22.
- Stand, Smoking. J. K. Milton. 111,183; Sept. 6.
- Stand, Smoking. J. A. Phillips. 110,819; Aug. 9.
- Stand, Smoking. E. Schultz. 108,221; Feb. 1.
- Stand, Telephone. R. M. Riley. 112,544; Dec. 13.
- Stapling machine. S. A. Crosby. 110,796-800; Aug. 9.
- Statuette. F. S. Hoefer. 111,569; Oct. 4.
- Statuette. A. Leiber. 108,792; Mar. 15.
- Statuette or similar article. F. C. Hamilton. 109,320; Apr. 19.
- Sterilizer-holder, Toothbrush. R. P. Hockenberger. 109,805; May 24.
- Sterilizing unit or similar article. H. M. Finn. 108,475; Feb. 15.
- Sterilizing unit or similar article. H. M. Finn and M. Laven. 108,508; Feb. 15.
- Stirrer and pick, Combined drink. G. W. Bergen, and R. B. Dabney. 108,558; Feb. 22.
- Stocking. J. May. 109,836; May 24.
- Stocking or similar article. P. Gerton. 111,784; Oct. 18.
- Stocking or similar article. P. Gerton. 112,586; Dec. 13.
- Stocking tube. D. Lewis. 112,661; Dec. 20.
- Stool. K. Kipp. 111,608; Oct. 4.
- Stool. J. M. Ranko. 109,674; May 10.
- Stool, Bathroom tub. G. B. Bentz. 110,513; July 12.
- Stool, Child's step-up. F. B. Holmes, Jr. 111,968; Nov. 1.
- Stool, Milk. R. G. Ferris. 107,860; Jan. 11.
- Stopper and liquid pourer, Combined bottle. C. A. McBride and P. J. Callowhill. 108,397; Feb. 8.
- Stopper, Bottle. E. Pollak. 111,993; Nov. 1.
- Stopper, Glass. E. F. Kelm. 111,453; Sept. 20.
- Stopper or similar article. A. Holmgren. 111,541; Sept. 27.
- Store front. M. Levitt. 108,383; Feb. 8.
- Store front. D. G. Ross. 112,579; Dec. 13.
- Store front. R. E. Smith. 111,295; Sept. 13.
- Stove. G. M. Brown. 110,611; July 26.
- Stove. C. F. Gatons. 109,398; Apr. 26.
- Stove. R. E. Kruck. 108,241; Feb. 1.
- Stove. R. E. Kruck. 109,354; Apr. 19.
- Stove, Air circulating heating. E. Esson. 108,231; Feb. 1.
- Stove, Cook. B. W. Tullis. 112,135; Nov. 8.
- Stove, Cooking. W. H. Adams. 108,312; Feb. 8.
- Stove, Cooking. H. T. Burrow. 110,762; Aug. 2.
- Stove, Cooking. B. B. Kahn. 108,715-7; Mar. 8.
- Stove, Cooking. E. D. Pellegrin. 108,648; Mar. 1.
- Stove, Heating. A. D. Olds. 111,661; Oct. 11.
- Stove, Kitchen. B. F. Berkheimer. 110,916-7; Aug. 16.
- Stove, Laundry. J. A. Underwood. 108,483-4; Feb. 15.
- Stove or analogous article. F. Stocker. 109,359; Apr. 19.
- Strain testing instrument. A. J. Oker. 110,527; July 12.
- Strainer. C. R. T. Hess. 107,958; Jan. 18.
- Strap, Lens. J. J. Pomeranz. 108,703; Mar. 8.
- Strip, Metal molding. C. D. Lowry. 110,619-23; July 26.
- Stripping for a shoe. W. Lipp. 109,226; Apr. 12.
- Stylus unit for electric pencils, Plug-in detachable, electrical, pyrographic. H. A. Ungar. 108,653; Mar. 1.
- Submarine. S. T. Rogers. 110,733; Aug. 2.
- Suit. S. Erkin. 112,231; Nov. 15.
- Suit. J. A. Silverman. 108,406; Feb. 8.
- Suit. J. A. Silverman. 108,754; Mar. 8.
- Suit. J. A. Silverman. 109,083-4; Mar. 29.
- Suit. J. A. Silverman. 111,553; Sept. 27.
- Suit. S. Wiedner. 112,727; Dec. 27.
- Suit ensemble. M. Berger. 109,364; Apr. 19.
- Suit ensemble. H. Miller. 108,181; Jan. 25.
- Suit ensemble. J. A. Silverman. 108,405; Feb. 8.
- Suit or similar article, Sun. D. G. Carpenter. 112,298; Nov. 22.
- Suit, Sun. B. B. Friedman. 108,974; Mar. 22.
- Sun glasses. G. Du Bon. 109,443; Apr. 26.
- Sunglasses. E. K. Madan. 111,491-5; Sept. 27.
- Sunglasses. E. S. Payne. 112,614; Dec. 20.
- Sun glasses. C. S. Sachs. 109,461; Apr. 26.
- Sunglasses. L. Strauss. 109,462; Apr. 26.
- Sunshade. T. Pace and C. T. Walker. 110,123; June 14.
- Support and display cabinet, Combined bottle. P. A. De Sabato. 111,736; Oct. 18.
- Support, Christmas tree. S. A. Pitt. 108,297; Feb. 1.
- Support for floral displays. C. J. White. 108,093; Jan. 25.
- Support or similar article, Water heater. C. H. Morrow. 110,927; Aug. 16.
- Support, Painter's implement. H. E. J. Wackwitz. 112,262; Nov. 22.
- Suspender loop. O. E. Kratz. 111,854; Oct. 25.
- Sweater. H. Boepple. 111,470; Sept. 20.
- Sweater. H. Boepple. 111,890; Oct. 25.
- Sweater. E. I. Itskowitz and L. Greenstein. 109,834; May 24.
- Sweater. C. Levine. 108,288-91; Feb. 1.
- Sweater. S. Levine. 111,309; Sept. 13.
- Sweater. M. H. Scheinwald. 108,404; Feb. 8.
- Sweater, Bolero. M. H. Scheinwald. 109,027; Mar. 29.
- Sweater ensemble. M. W. Elkind. 111,596; Oct. 4.
- Sweater ensemble. M. J. Kasper. 110,026; June 7.
- Sweater ensemble. S. Levine. 110,121; June 14.
- Sweater ensemble. S. Scheindelman. 110,575-6; July 19.
- Sweater ensemble. M. Simon. 110,852; Aug. 9.
- Sweeper, Carpet. J. R. Morgan. 112,613; Dec. 20.
- Sweeper, Carpet. E. R. Smith. 111,033; Aug. 23.
- Swing. F. L. Stotler. 111,119; Aug. 30.
- Swing or similar article, Lawn. A. H. Adcox. 109,193; Apr. 12.
- Switch cover plate or similar device. R. G. Fordyce. 109,887; May 31.
- Switch, Electric. J. G. Peterson. 108,344; Feb. 8.
- Switch, Flashlight. I. L. Ferris. 112,248; Nov. 22.
- Switch or similar article, Pressure operated electric. P. van Vleck. 109,572; May 3.
- Switch or the like, Electrical. E. V. Lavallee. 111,047; Aug. 23.
- Switch unit, Electric. D. E. Reed. 112,131; Nov. 8.
- Symbol, School. M. F., and M. J. Warner. 111,799; Oct. 18.
- Syringe, Hydrometer. C. J. Dunzweiler. 110,959; Aug. 23.
- Table. P. Bandrimer and J. Perloff. 112,035; Nov. 8.
- Table. P. Bandrimer and J. Perloff. 112,740; Dec. 27.
- Table. E. E. Frey. 111,581; Oct. 4.
- Table. I. Salomon. 109,790; May 17.
- Table. E. V. Trudo. 109,745; May 17.
- Table and bath cabinet, Combined massage. I. C. Gellman. 111,283; Sept. 13.
- Table and cabinet or similar article, Combined writing. C. E. Whitcomb. 110,914; Aug. 16.
- Table and radio receiving set, Combined. D. J. Crowley. 110,019-20; June 7.
- Table and radio set, Combined. D. J. Crowley. 110,017-18; June 7.
- Table and smoking stand, Combination. J. A. Phillips. 110,710; Aug. 2.
- Table, Billiard. D. Deskey. 110,083; June 14.
- Table, Billiard. C. A. Wendt. 109,825; May 24.
- Tablecloth. J. F. Durrssé. 109,268; Apr. 12.
- Tablecloth, Lace. W. C. Miller. 109,722; May 17.
- Tablecloth, Lace. W. C. Miller. 110,151; June 21.
- Tablecloth, Lace. F. P. Otto. 109,725-6; May 17.
- Tablecloth, Lace. F. P. Otto. 110,153-4; June 21.
- Tablecloth, Lace. F. P. Otto. 110,192; June 21.
- Tablecloth, Lace. J. Waterfield. 107,833; Jan. 4.
- Tablecloth, Lace. W. Wolf. 110,161; June 21.
- Tablecloth or similar article. J. F. Durrssé. 109,090; Mar. 29.
- Tablecloth or similar article. J. F. Durrssé. 109,099; Mar. 29.
- Tablecloth or similar article. H. F. Melia. 112,083; Nov. 8.
- Tablecloth or similar article. J. Rosenfield. 109,105; Mar. 29.
- Tablecloth or similar article. V. Winston. 109,111-17; Mar. 29.
- Tablecloth or similar article. V. Winston. 109,970; May 31.
- Table, Examining. W. R. Enochs. 109,057; Mar. 29.
- Table, Fitting. A. J. Oker. 112,452; Dec. 6.
- Table for ray treatments. W. E. Clark. 110,537; July 19.
- Table, Game. L. G. Bray. 112,676; Dec. 27.
- Table leg. W. Hoffmann. 108,443; Feb. 15.
- Table, Manteure. I. Salomon. 110,401; July 5.
- Table, Millinery. I. Salomon. 109,502; May 3.
- Table or like article. E. A. Schaffer. 109,503-5; May 3.
- Table or similar article, Display. T. M. Dunham. 112,041; Nov. 8.
- Table, or the like, End. C. Anderson. 111,826; Oct. 18.
- Table, Shelved. L. L. Woodard. 107,982; Jan. 18.
- Tag, Identification. W. E. Hicks. 107,867; Jan. 11.
- Tank body, Vehicle. E. H. Gill. 107,771; Jan. 4.
- Tank bulb. N. Becker. 110,337; July 5.
- Tank, Elevated. G. T. Horton. 111,256-60; Sept. 13.
- Tank for outboard motor, Gasoline. J. R. Morgan. 112,290; Nov. 22.
- Tank structure for outboard motors, Fuel. J. R. Morgan. 111,987; Nov. 1.
- Tank tap, Toilet. C. C. Norris. 108,018; Jan. 18.
- Tank, Truck. M. L. Thompson. 109,165; Apr. 5.
- Tank vehicle body. A. R. Ferguson. 110,023; June 7.
- Tap, Electric multiple table. L. Ludwig. 108,836; Mar. 15.



- Tap knob. F. C. Fisher. 111,580; Oct. 4.  
Tape dispenser. J. O. Reinecke. 109,930; May 31.  
Tape, Slide fastener. J. R. Bux. 109,390; Apr. 26.  
Tassel. C. N. Merralls. 109,668; May 10.  
Tassel, Cord. A. A. Radel. 111,218; Sept. 13.  
Teacup or similar article. Y. Buma. 108,354; Feb. 8.  
Teapot. L. Brindley. 110,170; June 21.  
Teapot or similar article. Y. Buma. 108,355; Feb. 8.  
Teapot or similar article. Y. Buma. 108,362-3; Feb. 8.  
Telephone and stand therefor, Combined hand. H. Bregman. 109,123; Apr. 5.  
Telephone hand-set-mounting. H. Sengebusch. 108,022; Jan. 18.  
Telephone set, Wall. M. Rose and N. A. Judsen. 111,592; Oct. 4.  
Telephone transmitter. R. N. Marshall. 112,756; Dec. 27.  
Telephone, Wall. H. F. Obergfell. 109,418; Apr. 26.  
Telephoto recorder. A. G. Cooley. 107,748; Jan. 4.  
Textile fabric. M. Guhl. 111,491; Sept. 27.  
Textile fabric. W. Ross. 108,037; Jan. 18.  
Textile fabric. S. E. Staines. 111,449; Sept. 20.  
Textile fabric or similar article. A. Wortman. 111,502; Sept. 27.  
Thermometer. L. Guild. 110,246; June 28.  
Thermometer. L. Karlen. 110,392; July 5.  
Thermometer. M. E. Trollen. 111,160; Sept. 6.  
Thermometer or the like, Bracket. M. Kominz. 109,717; May 17.  
Thermostat, Room. J. F. Barnes, J. O. Reinecke, and E. W. Johnson. 112,269; Nov. 22.  
Thread dispenser. C. Huber. 110,583; July 19.  
Throne, Religious. C. D. Cole. 109,842; May 24.  
Tie. C. J. Watt. 112,010; Nov. 1.  
Tie. E. Parker. 112,044; Nov. 8.  
Tire. W. H. Adams. 108,226; Feb. 1.  
Tire. G. W. Anderson. 112,165-6; Nov. 15.  
Tire. G. W. Anderson. 112,185; Nov. 15.  
Tire. E. F. Brunner. 108,097; Jan. 25.  
Tire. B. Darrow. 108,068; Jan. 25.  
Tire. H. R. Ellis. 108,714; Mar. 8.  
Tire. I. J. Fain. 110,833; Aug. 9.  
Tire. B. Goodman. 109,911; May 31.  
Tire. B. Goodman. 110,089; June 14.  
Tire. W. E. Hardeman. 110,616; July 26.  
Tire. W. E. Hardeman. 110,965; Aug. 23.  
Tire. G. Hullinger. 111,970; Nov. 1.  
Tire. H. S. Mooradian. 112,346; Nov. 29.  
Tire. R. C. Peterson. 111,859; Oct. 25.  
Tire. K. D. Smith. 108,247; Feb. 1.  
Tire. K. D. Smith and W. H. Adams. 108,248; Feb. 1.  
Tire. E. F. Wait. 110,470; July 12.  
Tire. C. W. Yelm. 112,687; Dec. 27.  
Tire, Pneumatic. R. S. Lombard. 108,920; Mar. 22.  
Tire, Pneumatic. S. P. Thacher. 109,258; Apr. 12.  
Toaster and tray or similar article, Combined sandwich. D. Chapman. 108,613; Mar. 1.  
Toaster or similar article, Electric. J. E. Barrett. 109,652; May 10.  
Toaster or similar article, Sandwich. D. Chapman. 110,171; June 21.  
Toaster or the like, Electric. D. L. Hadley. 111,765; Oct. 18.  
Toaster or the like, Electric. D. L. Hadley. 112,252; Nov. 22.  
Toaster or the like, Electric bread. D. Chapman. 110,139; June 21.  
Tobacco ash receptacle. P. N. Sea. 110,367; July 5.  
Token dispenser. T. G. Bogress. 110,082; June 14.  
Token dispensing machine, Tax. O. F. Murphy. 110,033; June 7.  
Tongs, Serving. J. C. Brown. 108,011; Jan. 18.  
Tool, Combination. W. R. Hosford. 111,026; Aug. 23.  
Tool, Combination kitchen. E. Cullen. 111,564; Oct. 4.  
Tool, Garden. W. W. Wallace. 108,043-4; Jan. 18.  
Tool, Hammering. M. Rubel. 110,735; Aug. 2.  
Tool, Miner's. J. D. Martin. 111,497; Sept. 27.  
Tool, Pipe bending. J. D. Benfield. 111,870; Oct. 25.  
Tool, Scraping. C. W. Reid. 108,131; Jan. 25.  
Tool unit, Portable power-driven. F. O. Albertson. 111,234-5; Sept. 13.  
Tool unit, Power driven. L. L. Timm. 108,252; Feb. 1.  
Tool unit, Power driven hand. P. F. Sperry. 111,005; Aug. 23.  
Tool unit, Power driven hand. G. A. Weingartner. 112,728; Dec. 27.  
Tool unit, Sanding. E. Balough and M. J. Yamen. 112,707; Dec. 27.  
Tool, Welder's. L. J. Berlinger. 109,601; May 10.  
Tooth brush. H. Clarren. 109,472; May 3.  
Tooth brush. G. L. Herrick, J. P. Hardie, and A. Cobb, Jr. 108,852; Mar. 15.  
Tooth brush. V. L. Miller. 112,719; Dec. 27.  
Tooth brush and tumbler holder, Combined. R. S. Sanford. 108,552; Feb. 22.  
Toothbrush, Electric. T. I. Moseley. 110,928; Aug. 16.  
Tooth brush, Rubber. R. L. Lasater. 111,609; Oct. 4.  
Top, back splash panel and lighting unit for ranges, Combined. E. D. Pellegrin. 108,578; Feb. 22.  
Top for automotive vehicles. L. Brodton. 107,902; Jan. 11.  
Top, Musical. W. Cross. 109,475; May 3.  
Top, Whipping. S. Coneth. 108,614; Mar. 1.  
Tower, Advertising. W. G. Baryl. 108,314; Feb. 8.  
Toy. F. Bueschel. 108,713; Mar. 8.  
Toy airplane. L. F. Mueller. 110,975; Aug. 23.  
Toy animal. G. D. Beitler. 109,202; Apr. 12.  
Toy bed. K. E. Little. 111,657; Oct. 11.  
Toy element, Structural. A. C. Gilbert. 108,098; Jan. 25.  
Toy figure. E. S. Dutcher. 109,612; May 10.  
Toy, Figure. E. S. Savage. 111,796; Oct. 18.  
Toy figure. B. Young. 110,744; Aug. 2.  
Toy, Musical. S. Weiss. 110,740; Aug. 2.  
Toy or similar article. I. Steinhardt. 112,470; Dec. 6.  
Toy, Paper burster. O. A. Langos. 110,750; Aug. 2.  
Toy projector gun. E. Rundles. 112,090; Nov. 8.  
Toy rotary unit. C. Egerton. 110,858; Aug. 16.  
Toy sign. C. W. Jackson. 108,328; Feb. 8.  
Toy telephone. J. B. Jewett, Jr. 108,645; Mar. 1.  
Toy wagon body. J. R. Morgan. 110,874; Aug. 16.  
Tractor. A. de Sakhnoffsky. 108,827; Mar. 15.  
Tractor. A. W. Scarratt. 111,154-6; Sept. 6.  
Tractor and trailer, Combined brewery delivery. A. de Sakhnoffsky. 109,013; Mar. 22.  
Trailer. C. B. Stevens. 109,161; Apr. 5.  
Trailer house car body. D. D. Archart. 112,358; Nov. 29.  
Train body, Park. W. B. Schmidt. 110,403; July 5.  
Transformer. B. A. Case. 109,194; Apr. 5.  
Transformer and sign frame, Combined. L. C. Marshall. 112,755; Dec. 27.  
Transformer, Ignition. J. G. Sola. 110,738; Aug. 2.  
Trap for plumbing fixtures, Antisiphoning. I. B. Ritter. 108,628; Mar. 1.  
Tray. S. W. Farber. 111,137; Sept. 6.  
Tray. W. Garten. 110,391; July 5.  
Tray. W. Garten. 112,604; Dec. 20.  
Tray. J. O. Reinecke and J. F. Barnes. 112,176-8; Nov. 15.  
Tray and beverage container holder, Combined. J. D. de Benque. 110,690; Aug. 2.  
Tray and gummed tape holder, Combined change. J. Jonik. 111,144; Sept. 6.  
Tray and lamp, Combined manicurist's. A. di Nardo and B. D. Lieber. 112,279; Nov. 22.  
Tray and powder puff display, Combined supporting. J. Levy. 111,709; Oct. 11.  
Tray and receptacles for smokers, Combined. J. K. Milton. 112,206; Nov. 15.  
Tray, Display. H. L. Moseley. 110,398; July 5.  
Tray, File. E. R. Winstrom. 108,273; Feb. 1.  
Tray, Foot bath. C. L. Weirich. 108,352; Feb. 8.  
Tray for cosmetic containers or the like, Display. M. Dresselhouse. 108,693; Mar. 8.  
Tray, Gondola. L. Farber. 110,022; June 7.  
Tray, Illuminated coin. C. W. Sandley. 112,152; Nov. 15.  
Tray, Milk bottle. J. H. Everly. 111,243; Sept. 13.  
Tray or similar article. M. H. Connor. 110,207; June 21.  
Tray or similar article. R. A. Kelly. 108,331; Feb. 8.  
Tray or similar article. R. A. Kelly. 108,448; Feb. 15.  
Tray or similar article, Relish. R. A. Kelly. 108,447; Feb. 15.  
Tray or similar receptacle. P. S. Donchian. 110,175-7; June 21.  
Tray, Serving. L. Farber. 110,388; July 5.  
Trigger guard and finger grip for firearms, Combined. I. O. Mossberg. 110,729; Aug. 2.  
Trim for a door or window frame or the like. D. J. Baum. 110,383; July 5.  
Trombone. R. B. Olds. 110,493; July 12.  
Trophy. C. P. Fiskens. 110,211; June 21.  
Trough, Feeding. N. Gwilt. 108,436; Feb. 15.  
Trough, Ribbed metal eaves. L. Kuehn. 109,144; Apr. 5.  
Trousers. H. M. Birch. 112,402; Nov. 29.  
Truck. P. Carlson. 109,126; Apr. 5.  
Truck, Automotive. V. G. and E. V. Garnett. 108,570; Feb. 22.  
Truck body for litter carrier or the like. R. G. Ferris. 110,996; Aug. 23.  
Truck body for milking machine or the like. R. G. Ferris. 110,718; Aug. 2.  
Truck for cleaners, Head. R. B. Everson. 108,639; Mar. 1.  
Truck, Fuel tank. A. de Sakhnoffsky. 108,346; Feb. 8.  
Truck, Grille-work. A. de Sakhnoffsky. 108,892; Mar. 22.  
Truck, Hand. J. G. Eagleson. 110,110; June 14.  
Truck or similar article, Fire. J. F. Frazier. 111,874; Oct. 25.  
Truck, Refrigerator. B. S. Snowden. 109,524; May 3.  
Truck, Tank. E. H. Gill. 107,770; Jan. 4.  
Truck or similar article, Convertible. W. J. Begg. 111,105; Aug. 30.  
Tub, Washing machine. J. J. McCabe. 110,973-4; Aug. 23.  
Tube dispenser and article holding device, Combined. W. L. Kennedy. 111,771; Oct. 18.  
Tube or similar article, Cathode ray. R. M. Bowie. 112,474; Dec. 6.  
Tube or similar article, Plastic. A. F. Harvey. 109,300; Apr. 19.  
Tumbler. B. D. Fuerst. 110,278-81; June 28.  
Tumbler. E. W. Fuerst. 107,861-3; Jan. 11.  
Tumbler. E. W. Fuerst. 107,986-7; Jan. 18.  
Tumbler. E. W. Fuerst. 108,072-3; Jan. 25.



- Tumbler. E. W. Fuerst. 111,321; Sept. 20.  
 Tumbler. M. O. Hansen. 107,988-94; Jan. 18.  
 Tumbler. M. O. Hansen. 111,766; Oct. 18.  
 Tumbler. E. G. Redman. 108,964; Mar. 22.  
 Tumbler. J. Viatour. 112,164; Nov. 15.  
 Tumbler, Beverage. A. Brill. 108,421; Feb. 15.  
 Tumbler or similar article. A. J. Cunningham. 112,560; Dec. 13.  
 Tumbler or similar article. R. A. Kelly. 108,957; Mar. 22.  
 Tumbler or similar article. R. R. Kostellow. 108,788; Mar. 15.  
 Tumbler or similar article. T. D. Saunders. 109,675-6; May 10.  
 Turner or similar article, Cake. C. R. T. Hess. 108,076; Jan. 25.  
 Turner or similar article, Cake. C. R. T. Hess. 108,078; Jan. 25.  
 Turnstile. S. Madsen. 111,545; Sept. 27.  
 Type font, Printing. F. H. E. Schneider. 110,851; Aug. 9.  
 Typewriter. R. L. Chipman, Jr., and J. L. Sweeney. 108,777; Mar. 15.  
 Typewriter. W. A. Dobson. 109,611; May 10.  
 Typewriter, Portable. R. L. Chipman, Jr., and J. L. Sweeney. 109,511; May 3.  
 Typewriter, Portable. J. L. Sweeney and R. L. Chipman, Jr. 108,350-1; Feb. 8.  
 Umbrella. I. Mink. 108,213; Feb. 1.  
 Umbrella rib tip. L. Levine. 111,811; Oct. 18.  
 Undergarment, Combination. J. A. Rielly. 110,662; July 26.  
 Urn or similar article, Percolator. R. E. Patten. 111,151; Sept. 6.  
 V-block, Adjustable. L. J. Werner. 110,202; June 21.  
 Valance or the like, Decorative. W. Venner. 111,623; Oct. 4.  
 Valve for flush tanks. H. Rosenthal. 108,705; Mar. 8.  
 Valve, Hand actuated control. C. Dom. 107,752; Jan. 4.  
 Valve or similar article, Water. E. V. Lavalley. 111,349; Sept. 20.  
 Valve or similar control structure, Gas. E. V. Lavalley. 108,450; Feb. 15.  
 Valve regulator. F. E. Rice. 110,528; July 12.  
 Valve, Water. E. V. Lavalley. 108,820; Mar. 15.  
 Vane, Weather. H. C. Orndorff. 111,204-5; Sept. 6.  
 Vanity unit and handbag, Combined. P. Bautista. 108,150; Jan. 25.  
 Vaporizer. W. L. C. Huxter. 112,698; Dec. 27.  
 Vaporizer, Electric. J. Robinson. 110,981; Aug. 23.  
 Vaporizer, Medicated. T. A. Andersen. 107,900; Jan. 11.  
 Vaporizer or similar article. W. H. Fischer. 110,614; July 26.  
 Vase. M. Exelmans. 110,085; June 14.  
 Vase and bouquet holder or similar article, Combined flower. E. Reynolds. 111,663; Oct. 11.  
 Vase or similar article. R. R. Kostellow. 109,483; May 3.  
 Vehicle. A. de Sakhnoffsky. 109,995; June 7.  
 Vehicle. J. F. Frazier. 108,783; Mar. 15.  
 Vehicle body. J. Barofsky. 108,823; Mar. 15.  
 Vehicle body. A. de Sakhnoffsky. 110,857; Aug. 16.  
 Vehicle body. G. Russo. 112,647; Dec. 20.  
 Vehicle body or similar article. P. P. Cret and J. W. Patton. 109,784-5; May 17.  
 Vehicle, Delivery. J. Nicol. 109,521; May 3.  
 Vehicle, Gasoline tank. A. de Sakhnoffsky. 108,269; Feb. 1.  
 Vehicle, Highway automotive passenger. C. B. Stevens. 109,739; May 17.  
 Vehicle, Propelled. H. L. Forman. 111,248; Sept. 13.  
 Vehicle, Railway passenger. C. B. Stevens. 109,538; May 3.  
 Vehicle, Trailer. A. de Sakhnoffsky. 108,780; Mar. 15.  
 Velocipede. W. H. Adams. 108,225; Feb. 1.  
 Velocipede. C. E. Garton. 110,747; Aug. 2.  
 Velocipede. K. W. Hedstrom. 112,680; Dec. 27.  
 Velocipede. W. C. Roe. 111,996; Nov. 1.  
 Velocipede. S. A. Snell. 110,100; June 14.  
 Velocipede. S. A. Snell. 110,881; Aug. 16.  
 Velocipede deck plate. B. J. Anderson. 109,826; May 24.  
 Velocipede frame member. B. J. Anderson. 107,938; Jan. 18.  
 Velocipede frame member. B. J. Anderson. 109,199; Apr. 12.  
 Velocipede frame member. B. J. Anderson. 110,855; Aug. 16.  
 Velocipede frame member. B. J. Anderson. 111,128; Sept. 6.  
 Velocipede frame member. S. A. Snell. 109,819; May 24.  
 Velocipede frame member. S. A. Snell. 109,821; May 24.  
 Velocipede frame member. S. A. Snell. 110,226; June 21.  
 Velocipede step plate. S. A. Snell. 110,037; June 7.  
 Vending machine. P. Rich. 110,497; July 12.  
 Vending machine. A. E. Sandhaus. 110,550; July 19.  
 Vending machine. J. W. Srodulski. 110,502; July 12.  
 Venetian blind slat. O. T. Truelson. 108,630; Mar. 1.  
 Ventilator. J. M. Goldberg. 109,479; May 3.  
 Ventilator for gas stoves or the like. F. A. Kell. 108,911; Mar. 22.  
 Ventilator, Roof. F. J. Kreutzer. 111,516; Sept. 27.  
 Ventilator, Rotary. J. H. McDermont. 111,547; Sept. 27.  
 Ventilator, Window. W. Fader. 111,597; Oct. 4.  
 Vessel for animals or the like, Drinking. S. E. Werner. 109,750; May 17.  
 Vestee. L. Glinn. 112,408; Nov. 29.  
 Viewer, Film. J. F. Whitman, Jr. 112,013; Nov. 1.  
 Waffle iron. J. Pavelka, Jr. 110,193; June 21.  
 Waffle iron and tray or similar article, Combined. D. Chapman. 108,423; Feb. 15.  
 Waffle iron or the like. H. A. Smith. 108,006; Jan. 18.  
 Wagon, Coaster. C. E. Garton. 108,232; Feb. 1.  
 Waist. M. Mascitelli. 112,467; Dec. 6.  
 Walker unit, Invalid. A. Comper. 112,691; Dec. 27.  
 Wallet. L. G. Stanley. 111,621; Oct. 4.  
 Wardrobe, Automobile seat. A. Armour. 111,196; Sept. 6.  
 Washboard. M. L. Irwin. 111,348; Sept. 20.  
 Washing machine. J. R. Morgan. 112,207; Nov. 15.  
 Washing machine. E. S. Preston. 111,523-4; Sept. 27.  
 Washing machine and drier, Combined. H. W. Altorfer. 110,993-4; Aug. 23.  
 Washing machine and wringer, Combined. F. A. Conterman. 108,565; Feb. 22.  
 Washing machine and wringer, Combined. J. R. Morgan. 109,813; May 24.  
 Wastebasket. M. H. Connor. 109,474; May 3.  
 Wastebasket. T. Hearn. 110,111; June 14.  
 Watch. R. Muringer. 109,229; Apr. 12.  
 Watch. G. Pohli. 111,613; Oct. 4.  
 Watch and bracelet, Combined. L. J. Davenport. 110,637; July 26.  
 Watch and pencil or the like, Combined. W. M. Welling. 109,238; Apr. 12.  
 Watch bezel, Wrist. R. Jaccarino. 108,600; Feb. 22.  
 Watchcase. J. Dinhofer. 109,130; Apr. 5.  
 Watchcase. J. Granat. 111,917-18; Oct. 25.  
 Watchcase. D. Megar. 112,345; Nov. 29.  
 Watchcase. M. Merz. 108,734-9; Mar. 8.  
 Watchcase. B. Oquish. 110,258; June 28.  
 Watchcase. P. A. Schwankhaus. 111,817; Oct. 18.  
 Watchcase. P. A. Schwankhaus. 112,618; Dec. 20.  
 Watchcase. A. V. Stegeman, Jr. 111,863-4; Oct. 25.  
 Watchcase. A. W. Wadsworth. 112,263; Nov. 22.  
 Watchcase or similar article. F. di Verdura. 108,110; Jan. 25.  
 Watch, Wrist. I. L. Bloom. 107,943; Jan. 18.  
 Weight, Wheel balancing. P. F. Hatch and M. J. Hume. 112,526; Dec. 13.  
 Welder, Electric arc. C. M. Akins. 108,710; Mar. 8.  
 Welding apparatus, Electric. J. W. Wilkinson. 108,045; Jan. 18.  
 What-not. J. A. Rankel. 111,571; Oct. 4.  
 Whatnot or similar article. E. C. Herron. 111,654; Oct. 11.  
 Wheel. C. S. Ash. 112,101; Nov. 8.  
 Wheel. C. S. Ash. 112,187; Nov. 15.  
 Wheel and horn ring, Combined steering. I. R. Cherlis. 111,240; Sept. 13.  
 Wheel and tire, Combined. J. V. Martin. 108,055; Jan. 18.  
 Wheel for an amusement device, Spinning. E. C. Fain. 109,706; May 17.  
 Wheel knob and bracket, Combined steering. J. Sinko. 110,157; June 21.  
 Whip or similar article, Batter. C. R. T. Hess. 108,077; Jan. 25.  
 Winterfront for automobiles. W. L. Morrison. 110,046-50; June 7.  
 Wiper, Ullage rod. E. H. Helsley. 108,234; Feb. 1.  
 Wire, Insulated. C. A. Farrar. 107,856; Jan. 11.  
 Wire stitching machine. W. O. Sims and E. J. Rodda. 110,985; Aug. 23.  
 Workstand or the like. E. M. Pfauzer. 107,969-70; Jan. 18.  
 Wrap. L. Halpern. 108,392; Feb. 8.  
 Wrap, Evening. A. Brief. 111,693; Oct. 11.  
 Wrap, Evening. L. Zucker and H. Feigenbaum. 111,824; Oct. 18.  
 Wrench. P. Krantz and A. P. Schmid. 110,465; July 12.  
 Wrench, Combination. C. L. Frey. 109,554; May 3.  
 Wrench member. S. Mandl. 108,113; Jan. 25.  
 Wrench or similar article. J. M. Vallone. 111,094; Aug. 30.  
 Wrench or the like. S. Mandl. 108,159; Jan. 25.  
 Wringer and washing machine, Combined. F. A. Conterman. 108,566; Feb. 22.  
 Wrist watch. E. L. Arzo. 110,166; June 21.



# LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

- Air brake, power control, and alarm system. Combination automatic and manually-operable. Alfred L. Ruthven. No. 1,470,107; date of patent Oct. 9, 1923; disclaimer filed Feb. 28, 1938; v. 489; p. 229.
- Air conditioning. Alfred D. Karr and Karl D. Perkins. No. 1,846,875; patent dated Feb. 23, 1932; disclaimer filed Jan. 13, 1938; v. 487; p. 189.
- Air cooling and circulating device. Willard L. Morrison. (Two cases.) No. 2,002,235; patent dated May 21, 1935; disclaimers filed Jan. 8 and May 2, 1938; v. 487; p. 189; and v. 490; p. 736.
- Air cooling and circulating device and process. Willard L. Morrison. No. 2,002,234; patent dated May 21, 1935; disclaimer filed Jan. 8, 1938; v. 487; p. 189.
- Alloy for vacuum tube elements. Ambrose J. Mandell. No. 2,103,267; date of patent Dec. 28, 1937; disclaimer filed June 11, 1938; v. 492; p. 1.
- Ammonium compounds and a process of preparing them. Quarternary. Gerhard Balle and Kurt Eisfeld. No. 2,087,565; date of patent July 20, 1937; disclaimer filed Aug. 4, 1938; v. 493; p. 953.
- Amplifier. Klaas Posthumus. No. 1,996,830; patent dated Apr. 9, 1935; disclaimer filed Jan. 19, 1938; v. 487; p. 189.
- Amplifier, Direct coupled. Walther Burstyn and Walter Tausig. No. 1,923,254; date of patent Aug. 22, 1933; disclaimer filed May 11, 1938; v. 491; p. 240.
- Ash receiver. Rudolph F. De Boer. No. 2,000,275; date of patent May 7, 1935; disclaimer filed Aug. 31, 1938; v. 494; p. 723.
- Attachment for flat-knitting machines. Richard E. Schletter. (Two cases.) Nos. 1,713,626 and 1,713,628; date of patents May 21, 1929; disclaimers filed Jan. 31 and Mar. 5, 1938; v. 487; p. 671; and v. 488; p. 885.
- Betaines, Substituted. Karl Daimler and Carl Platz. No. 2,082,275; date of patent June 1, 1937; disclaimer filed Aug. 4, 1938; v. 493; p. 953.
- Blind construction, Venetian. Peter H. Kuyper. (Three cases.) No. 1,993,173, Re. No. 20,133, and No. 2,058,159; date of patents Mar. 5, 1935, and Oct. 20, 1936; disclaimers filed Oct. 28, 1938; v. 496; p. 849.
- Box-wrapping system. John R. Sonneborn. No. 1,646,563; date of patent Oct. 25, 1927; disclaimer filed Apr. 2, 1938; v. 489; p. 673.
- Brake. Ludger Elize La Brie. No. 1,634,367; date of patent July 5, 1927; disclaimer filed Sept. 24, 1938; v. 495; p. 490.
- Brake. John William White. No. 1,963,479; date of patent June 19, 1934; disclaimer filed Nov. 25, 1938; v. 497; p. 267.
- Brake equalizer. Ludger E. La Brie. No. 1,727,994; date of patent Sept. 10, 1929; disclaimer filed Oct. 17, 1938; v. 496; p. 267.
- Brake mechanism. William J. Andres. No. 1,708,167; date of patent Apr. 9, 1929; disclaimer filed Sept. 24, 1938; v. 495; p. 490.
- Brake operating connection. William J. Andres. No. 1,708,168; date of patent Apr. 9, 1929; disclaimer filed Oct. 17, 1938; v. 496; p. 267.
- Bushing. Fred J. Vogel. No. 2,066,917. Patent dated Jan. 5, 1937; disclaimer filed Jan. 14, 1938; v. 487; p. 671.
- Cabinet, Refrigerator. Carl P. Erickson. No. 2,079,608; date of patent May 11, 1937; disclaimer filed Nov. 29, 1938; v. 497; p. 564.
- Cameras, Film carrier for photographic. Noel Pemberton Billing. No. 2,093,399; date of patent Sept. 21, 1937; disclaimer filed Jan. 8, 1938; v. 487; p. 1.
- Can washing machine. Frank F. Wolf. No. 2,085,936; patent dated July 6, 1937; disclaimer filed Feb. 8, 1938; v. 488; p. 8.
- Carburetor. Scott F. Hunt. No. 1,996,245; date of patent Apr. 2, 1935; disclaimer filed May 26, 1938; v. 491; p. 470.
- Cellulose product, Method of producing a. John Campbell and Robert G. Quinn. No. 2,026,865; date of patent Jan. 7, 1936; disclaimer filed Apr. 22, 1938; v. 490; p. 736.
- Circuit breaker. Robert W. Smith. No. 2,067,797; date of patent Jan. 12, 1937; disclaimer filed Feb. 17, 1938; v. 488; p. 444.
- Circuit controlling means, Motor actuated. Edward L. Barrett. No. 1,924,082; date of patent Aug. 22, 1933; disclaimer filed Aug. 4, 1938; v. 493; p. 712.
- Circuit interrupter. Stanley T. Schofield and Samuel H. Boden. No. 2,100,753; date of patent Nov. 30, 1937; disclaimer filed Aug. 26, 1938; v. 494; p. 241.
- Circuits, Electric translating. Albert H. Mittag. No. 1,902,460; date of patent Mar. 21, 1933; disclaimer filed Dec. 8, 1937; v. 486; p. 6.
- Circuits, Phase shifting. Burnice D. Bedford. No. 1,918,173; date of patent July 11, 1933; disclaimer filed Sept. 28, 1938; v. 495; p. 705.
- Clock control system, Synchronizing. James W. Bryce. No. 1,908,112; date of patent May 9, 1933; disclaimer filed May 19, 1938; v. 491; p. 240.
- Closure fastener. Theodore Johnson. No. 1,841,187; date of patent Jan. 12, 1932; disclaimer filed Nov. 3, 1938; v. 496; p. 1103.
- Closure means. Arthur J. Bazeley. No. 2,097,173; date of patent Oct. 26, 1937; disclaimer filed Dec. 31, 1937; v. 486; p. 677.
- Closures, Method and apparatus for forming metal. John J. Williams. No. 2,089,518; date of patent Aug. 10, 1937; disclaimer filed Dec. 1, 1937; v. 486; p. 6.
- Clutch and brake mechanisms for presses and other machinery, Fluid controlled. William Klocke and Lee H. Carter. No. 2,023,597; date of patent Dec. 10, 1935; disclaimer filed Mar. 12, 1938; v. 489; p. 229.
- Clutch and throttle actuation of an automotive vehicle, Automatic control of. Ralph S. Whittington. No. 2,103,284; date of patent Dec. 28, 1937; disclaimer filed Nov. 7, 1938; v. 497; p. 24.
- Clutch, Automatic. Henry Loyd Pike. No. 2,086,364; date of patent July 6, 1937; disclaimer filed Nov. 7, 1938; v. 497; p. 24.
- Clutch operating mechanism. Edward F. Dickieson, Jr. No. 2,084,387; date of patent June 22, 1937; disclaimer filed Mar. 2, 1938; v. 488; p. 885.
- Compressor mechanism. Hewitt A. Gehres. No. 1,969,507; date of patent Aug. 7, 1934; disclaimer filed June 25, 1938; v. 492; p. 477.
- Confection and method of making, Frozen. Ernest E. Lindsey. No. 2,025,757; date of patent Dec. 31, 1935; disclaimer filed Apr. 2, 1938; v. 489; p. 673.
- Connector for electrical conduits. James M. G. Fullman. No. 1,769,947; date of patent July 8, 1930; disclaimer filed Aug. 19, 1938; v. 494; p. 10.
- Container. Isaac L. Wilcox. No. 2,050,028; date of patent Aug. 4, 1936; disclaimer filed Nov. 8, 1938; v. 497; p. 24.
- Control means, Automatic. Walter S. Brubaker and Armas J. Saarinen. No. 2,046,304; date of patent June 30, 1936; disclaimer filed Apr. 13, 1938; v. 490; p. 736.
- Conveyer, Articulated. Einar M. Arentzen. No. 1,785,402; date of patent Dec. 16, 1930; disclaimer filed Oct. 29, 1938; v. 496; p. 849.
- Cooking device. Alva T. Smith. No. 2,048,572; date of patent July 21, 1936; disclaimer filed Sept. 21, 1938; v. 495; p. 213.
- Cooling apparatus. Ernest F. Stalcup and Millard A. Nelson. No. 2,093,216; date of patent Sept. 14, 1937; disclaimer filed Mar. 16, 1938; v. 489; p. 229.
- Core material, Magnetic. Wladimir J. Polydoroff. No. 1,982,689; date of patent Dec. 4, 1934; disclaimer filed Aug. 27, 1938; v. 494; p. 478.
- Coupling between objective adjustment and distance gauge in cameras. Oskar Barnack, Wetzlar, Germany. No. 1,931,313; date of patent Oct. 17, 1933; disclaimer filed May 19, 1938; v. 491; p. 240.
- Cultivator, Disk. Heber F. Townner. No. 1,627,356; date of patent May 3, 1927; disclaimer filed Feb. 1, 1938; v. 487; p. 671.
- Cups, Method and machine for making paper. Walter E. Amberg. No. 2,139,614; date of patent Dec. 6, 1938; disclaimer filed Dec. 8, 1938; v. 497; p. 761.
- Curier pad. Ross M. McFadden. No. 2,106,326; date of patent Jan. 25, 1938; disclaimer filed Sept. 16, 1938; v. 495; p. 213.
- Cushion support. Irving P. Whitehouse. Re. No. 19,017; date of patent Dec. 5, 1933; disclaimer filed June 6, 1938; v. 491; p. 720.
- Depressors, Manufacture of pour point. Frederick H. MacLaren. No. 2,030,307; date of patent Feb. 11, 1936; disclaimer filed Aug. 8, 1938; v. 494; p. 10.
- Detergent composition. Augustus H. Fiske. No. 2,092,913; date of patent Sept. 14, 1937; disclaimer filed Oct. 22, 1938; v. 496; p. 849.
- Dials, Arrangement of instrument. Malcolm S. Mackay. No. 2,112,704; date of patent Mar. 29, 1938; disclaimer filed Nov. 2, 1938; v. 496; p. 1103.
- Disk harrow. Howard B. Rapp and Ralph E. Ablott. No. 2,007,062; date of patent July 2, 1935; disclaimer filed July 29, 1938; v. 494; p. 10.
- Dyeing process. James Otis Handy. No. 2,062,903; date of patent Dec. 1, 1936; disclaimer filed July 7, 1938; v. 493; p. 1.
- Electrical apparatus. Raymond P. Lansing. No. 1,994,614; date of patent Mar. 19, 1935; disclaimer filed Aug. 26, 1938; v. 494; p. 478.
- Electron discharge device. Arthur L. Samuel. No. 2,063,342; date of patent Dec. 8, 1936; disclaimer filed Feb. 5, 1938; v. 488; p. 211.
- Emplacing process and apparatus. Edwin L. Wiegand. No. 1,312,657; date of patent Aug. 12, 1919; disclaimer filed Nov. 2, 1938; v. 497; p. 22.
- Engine starter. Frank H. Prescott. No. 2,017,074; date of patent Oct. 15, 1935; disclaimer filed Oct. 27, 1938; v. 496; p. 849.



- Ester of glycol ethers, Sulphuric. Heinrich Ulrich and Karl Sauerwein. No. 1,897,741; date of patent Feb. 14, 1933; disclaimer filed May 4, 1938; v. 490; p. 974.
- Esters of cellulose derivatives and the preparation thereof, Sulphonic acid. Carl J. Malm and Gale F. Nadeau. No. 2,036,423; date of patent Apr. 7, 1936; disclaimer filed May 5, 1938; v. 490; p. 974.
- Fabric and its method of manufacture, Pile. Eugene F. Castles. No. 2,110,866; date of patent Mar. 15, 1938; disclaimer filed June 15, 1938; v. 492; p. 1.
- Fabric, Pile. Eugene F. Castles. No. 2,110,867; date of patent Mar. 15, 1938; disclaimer filed June 15, 1938; v. 492; p. 1.
- Fastener, Multiple. Ernest Hopkinson. No. 1,960,010; date of patent May 22, 1934; disclaimer filed June 2, 1938; v. 492; p. 1.
- Fasteners, Apparatus for attaching. Constant A. Miserez. No. 2,080,984; date of patent May 18, 1937; disclaimer filed Dec. 22, 1937; v. 486; p. 459.
- Film formation and operation of electrolytic condensers and other apparatus. Ralph D. Mershon. No. 1,784,674; date of patent Dec. 9, 1930; disclaimer filed May 17, 1938; v. 491; p. 240.
- Film having a photographic sound record for preparing same. Axel Carl Georg Petersen. No. 1,997,976; date of patent Apr. 16, 1935; disclaimer filed Dec. 27, 1937; v. 487; p. 1.
- Film rewinder. Iwan Serrurier. No. 2,062,016; date of patent Nov. 24, 1936; disclaimer filed June 6, 1938; v. 491; p. 720.
- Filter for smoking appliances, Absorbent. Paul H. Minton. No. 1,919,959; patent dated July 25, 1933; disclaimer filed Jan. 8, 1938; v. 487; p. 189.
- Firearms, Sear-mechanism for. Albert F. Laudensack. No. 2,069,887; date of patent Feb. 9, 1937; disclaimer filed Sept. 2, 1938; v. 494; p. 723.
- Flow lines, Method and apparatus for governing. William E. Leibing. No. 2,026,947; date of patent Jan. 7, 1936; disclaimer filed Oct. 20, 1938; v. 496; p. 580.
- Food products, Treating. Frank D. Chapman. No. 2,049,639; date of patent Aug. 4, 1936; disclaimer filed Oct. 27, 1938; v. 496; p. 580.
- Fuel, Non-gumming motor. Lester S. Bale. No. 2,103,927; patent dated Dec. 28, 1937; disclaimer filed Mar. 22, 1938; v. 489; p. 458.
- Fuels, Motor. Laurance F. Magnus. No. 1,954,939; date of patent Apr. 17, 1934; disclaimer filed Oct. 20, 1938; v. 496; p. 580.
- Furnace construction. Raymond D. Foltz. No. 1,747,822; date of patent Feb. 18, 1930; disclaimer filed May 21, 1938; v. 491; p. 240.
- Garment, Elastic. John Field. No. 1,919,292; date of patent July 25, 1933; disclaimer filed Dec. 27, 1937; v. 486; p. 677.
- Generator structure, Wind driven. William G. Dunn. No. 2,102,309; date of patent Dec. 14, 1937; disclaimer filed Nov. 3, 1938; v. 496; p. 1103.
- Glow discharge means for temperature control. Camil A. Sabbah. No. 1,998,943; patent dated Apr. 23, 1935; disclaimer filed Mar. 22, 1938; v. 489; p. 458.
- Hair waving method. Josef Mayer. Re. No. 18,841; date of patent May 30, 1933; disclaimer filed May 20, 1938; v. 491; p. 240.
- Halogenated diphenyl oxide. Edgar C. Britton, Wesley C. Stoesser, and Gerald G. Goergen. No. 2,022,634; patent dated Nov. 26, 1935; disclaimer filed Mar. 25, 1938; v. 489; p. 458.
- Heat insulating material and method of making the same. Floyd B. Hobart. No. 1,944,008; date of patent Jan. 16, 1934; disclaimer filed Apr. 29, 1938; v. 490; p. 736.
- Heat treatment, Method for. Carl I. Hayes. No. 1,808,721; date of patent June 2, 1931; disclaimer filed Apr. 19, 1938; v. 490; p. 736.
- Heater for automobiles, Ventilating. Robert F. Ostrander. No. 2,049,545; date of patent Aug. 4, 1936; disclaimer filed June 29, 1938; v. 493; p. 1.
- Heating device. Harold N. Shaw. No. 2,011,219; date of patent May 14, 1935; disclaimer filed Mar. 7, 1938; v. 488; p. 885.
- Heating element, Electrical. Edwin L. Wiegand. (Two cases.) Nos. 1,614,330 and 1,614,331; date of patents Jan. 11, 1927; disclaimers filed Nov. 2, 1938; v. 497; p. 23.
- Heating element, Process of producing electrical. Edwin L. Wiegand. No. 1,613,426; date of patent Jan. 4, 1927; disclaimer filed Nov. 2, 1938; v. 497; p. 22.
- High-frequency inductance. Alfred Crossley and Charles C. Neighbors. No. 1,978,568; date of patent Oct. 30, 1934; disclaimer filed Aug. 27, 1938; v. 494; p. 478.
- High molecular products containing sulphur in combination. Ludwig Orthmer and Wilhelm Becker. No. 2,050,370; date of patent Aug. 11, 1936; disclaimer filed Feb. 12, 1938; v. 488; p. 211.
- Hydraulic transmission. James K. Douglas. No. 2,056,896; date of patent Oct. 6, 1936; disclaimer filed Jan. 22, 1938; v. 487; p. 429.
- Hydrocarbon substituted bromophenol. Emil Klamann. No. 1,969,801; date of patent Aug. 11, 1934; disclaimer filed Apr. 27, 1938; v. 490; p. 736.
- Hydrocarbons into volatile liquids, Process for polymerizing gaseous. Frederick E. Frey. No. 1,847,210; date of patent Mar. 1, 1932; disclaimer filed Aug. 10, 1938; v. 494; p. 10.
- Hydrocarbons, Process for treating. Albert B. Culbertson, Jr. No. 2,099,434; date of patent Nov. 16, 1937; disclaimer filed June 16, 1938; v. 492; p. 256.
- Hydrocarbons, Process for treating. William R. Howard. Re. No. 18,357; date of patent Feb. 23, 1932; disclaimer filed July 22, 1938; v. 493; p. 449.
- Hydrocarbons, Refining. Malvin R. Mandelbaum. No. 1,868,474; patent dated July 5, 1932; disclaimer filed Mar. 16, 1938; v. 489; p. 458.
- Hydrouracil compounds and processes for their production. Otto Dalmer, Claus Diehl, and Hartmann Pieper. No. 2,098,954; date of patent Nov. 16, 1937; disclaimer filed Apr. 11, 1938; v. 490; p. 254.
- Ice cube. Charles F. Beishaw and William J. La Casse. No. 2,030,735; date of patent Feb. 11, 1936; disclaimer filed Nov. 8, 1938; v. 497; p. 24.
- Ice cubes, Device for producing. Robert T. Brizzolara. No. 1,709,709; date of patent Apr. 16, 1929; disclaimer filed Oct. 1, 1938; v. 495; p. 490.
- Imidols, Process and products relating to. Walter J. Hund and Ludwig Rosenstein. No. 1,990,453; date of patent Feb. 5, 1935; disclaimer filed July 22, 1938; v. 493; p. 449.
- Inking roll and method of and apparatus for renewing surface of same. Arthur Byron Davis. No. 1,594,356; date of patent Aug. 3, 1926; disclaimer filed July 2, 1938; v. 493; p. 1.
- Interlocking system for railroads. Charles S. Bushnell and Winfred T. Powell. No. 2,060,413; date of patent Nov. 10, 1936; disclaimer filed Apr. 4, 1938; v. 489; p. 673.
- Interlocking systems for railroads. Oscar H. Dicke. No. 2,045,900; date of patent June 30, 1936; disclaimer filed May 5, 1938; v. 490; p. 974.
- Internal-combustion engine. Andrew V. D. Willgoos. No. 1,708,458; date of patent Apr. 9, 1929; disclaimer filed Oct. 1, 1938; v. 495; p. 705.
- Internal combustion engine, Method and apparatus for operating an. William E. Leibing. No. 2,068,298; date of patent Jan. 19, 1937; disclaimer filed Oct. 20, 1938; v. 496; p. 580.
- Ironing machine structure. John J. McCabe. No. 2,067,719; patent dated Jan. 12, 1937; disclaimer filed Mar. 28, 1938; v. 489; p. 458.
- Irrigator, Colon. Hugh E. Dierker. No. 1,910,756; date of patent May 23, 1933; disclaimer filed Oct. 31, 1938; v. 497; p. 761.
- Joint for concrete structures, Expansion and contraction. Leopold J. Mensch. No. 2,063,552; date of patent Dec. 8, 1936; disclaimer filed June 18, 1938; v. 492; p. 256.
- Laminated sheet material. Allen Abrams, Charley L. Wagner, and George W. Forcey. No. 2,054,116; date of patent Sept. 15, 1936; disclaimer filed May 20, 1938; v. 491; p. 240.
- Lathe, Crankshaft. William F. Groene and George W. Luning. Re. No. 19,905; date of patent Mar. 31, 1936; disclaimer filed July 27, 1938; v. 493; p. 953.
- Linings in receptacle closure caps, Method and apparatus for assembling. John A. Johnson. No. 1,852,578; date of patent Apr. 5, 1932; disclaimer filed Dec. 1, 1938; v. 497; p. 564.
- Liquid dispensing apparatus. Reuben E. Bechtold. No. 1,826,340; date of patent Oct. 6, 1931; disclaimer filed Nov. 10, 1938; v. 497; p. 24.
- Liquid dispensing apparatus. Eric H. Bradley. No. 2,026,959; date of patent Jan. 7, 1936; disclaimer filed Jan. 26, 1938; v. 487; p. 429.
- Machine for processing materials. Clarence W. Vogt. No. 1,783,867; date of patent Dec. 2, 1930; disclaimer filed Nov. 22, 1938; v. 497; p. 267.
- Magnet, Permanent. Werner Köster. No. 1,928,382; date of patent Sept. 26, 1933; disclaimer filed Aug. 2, 1938; v. 494; p. 10.
- Measuring means, Electrical. William P. Beattie. No. 2,072,937; date of patent Mar. 9, 1937; disclaimer filed June 24, 1938; v. 492; p. 477.
- Mechanism for producing a perforated tape for reproducing pictures or the like. Maynard Leslie Deedes McFarland and Harry Guy Bartholomew. No. 1,910,556; date of patent May 23, 1933; disclaimer filed Apr. 5, 1938; v. 489; p. 673.
- Metal and its manufacture. Aladar Pacz. No. 1,410,499; date of patent Mar. 21, 1922; disclaimer filed June 16, 1938; v. 492; p. 255.
- Metal powder, Method of treating. Frank R. Kemmer. No. 1,964,853; date of patent July 3, 1934; disclaimer filed May 21, 1938; v. 491; p. 210.
- Mutler. George A. Kingsley. No. 2,088,296; date of patent July 27, 1937; disclaimer filed July 30, 1938; v. 493; p. 953.
- Mushroom spawn and method of making same. James W. Sinden. No. 1,869,517; date of patent Aug. 2, 1932; disclaimer filed Dec. 2, 1938; v. 497; p. 561.
- Nitrated ortho-alkyl phenolic compounds. John D. Pollard. (Two cases.) No. 2,018,168; date of patent July 21, 1936; disclaimers filed June 25 and Dec. 3, 1938; v. 492; p. 693; and v. 497; p. 761.
- Numerical computer. John A. Herbst. No. 2,074,392; date of patent Mar. 23, 1937; disclaimer filed Apr. 8, 1938; v. 490; p. 254.



- Oils. Distillation of petroleum. Alexander A. MacCubbin and Joseph Zaveritnik, Jr. No. 1,907,328; date of patent May 2, 1933; disclaimer filed Dec. 29, 1937; v. 486; p. 677.
- Oils. Process and apparatus for treating mineral. Merrill R. Fenske and Wilbert B. McCluer. No. 2,064,422; date of patent Dec. 15, 1936; disclaimer filed Oct. 20, 1938; v. 496; p. 580.
- Oils. Purification of hydrocarbon. Drue M. Evans and William C. Dorsett. No. 1,957,449; date of patent May 8, 1934; disclaimer filed July 8, 1938; v. 493; p. 208.
- Oils. Treatment of hydrocarbon. Joseph G. Alther. No. 2,005,527; date of patent June 18, 1935; disclaimer filed June 29, 1938; v. 492; p. 693.
- Oscillation systems. Automatic frequency control for. Harold A. Wheeler. No. 2,099,156; date of patent Nov. 16, 1937; disclaimer filed Sept. 10, 1938; v. 495; p. 213.
- Oscillator. Harold Olaf Peterson and De Witt Rugg Goddard. (Two cases.) No. 1,987,867; date of patent Jan. 15, 1935; disclaimers filed June 18 and July 1, 1938; v. 492; p. 256 and v. 493; p. 1.
- Paper cleaning machine. George Van Wormer. No. 1,947,748; date of patent Feb. 20, 1934; disclaimer filed Sept. 26, 1938; v. 495; p. 490.
- Paper-cup-making machine. Edwin G. Wessman and Henry A. Stone. No. 1,766,420; date of patent June 24, 1930; disclaimer filed Apr. 7, 1938; v. 490; p. 254.
- Partition structure. Metallic. William Scott Snead. No. 1,951,778; date of patent Mar. 20, 1934; disclaimer filed Feb. 18, 1938; v. 488; p. 655.
- Phonographic system. Orville M. Dunning and Richard M. Somers. No. 2,075,978; date of patent Apr. 6, 1937; disclaimer filed Feb. 19, 1938; v. 488; p. 444.
- Pipe construction. Composite. Jacob A. Stadfeld. No. 2,013,193; date of patent Sept. 3, 1935; disclaimer filed Feb. 25, 1938; v. 488; p. 444.
- Pipe. Method and apparatus for electrically welding. Herman G. Blevins. No. 1,982,415; date of patent Nov. 27, 1934; disclaimer filed June 8, 1938; v. 492; p. 1.
- Plastic composition. Alan F. Randolph. No. 2,059,394; date of patent Nov. 3, 1936; disclaimer filed Feb. 10, 1938; v. 488; p. 211.
- Poultry. Method and apparatus for killing. Wilber V. Hunt. No. 2,103,288; date of patent Dec. 28, 1937; disclaimer filed Sept. 30, 1938; v. 495; p. 705.
- Power amplifier. Francis W. Dunmore and Percival D. Lowell. No. 1,606,212; date of patent Nov. 9, 1926; disclaimer filed Aug. 16, 1938; v. 494; p. 10.
- Power plant control and protection. Elastic fluid. Edward S. Thompson. No. 2,088,623; patent dated Aug. 3, 1937; disclaimer filed Mar. 22, 1938; v. 489; p. 458.
- Processing material. Method and apparatus for. Clarence W. Vogt. No. 2,063,066; date of patent Dec. 8, 1936; disclaimer filed Apr. 30, 1938; v. 490; p. 736.
- Propeller blades. Method of making variable pitch. Alfred A. Handler. No. 1,995,451; date of patent Mar. 26, 1935; disclaimer filed Mar. 1, 1938; v. 488; p. 885.
- Push-button-switch construction. Christian Miller. No. 1,699,491; date of patent Jan. 15, 1929; disclaimer filed Dec. 15, 1937; v. 486; p. 459.
- Radio amplifier. Clinton H. Suydam. No. 2,008,996; date of patent July 23, 1935; disclaimer filed Feb. 23, 1938; v. 488; p. 655.
- Radio receiver. Miles A. McLennan. No. 2,035,176; date of patent Mar. 24, 1936; disclaimer filed Dec. 15, 1937; v. 486; p. 6.
- Radio receiving apparatus. Edmond Peter Garvey. No. 2,055,431; date of patent Sept. 22, 1936; disclaimer filed Apr. 4, 1938; v. 489; p. 673.
- Radio transmitting system. George W. Fyler. No. 2,065,369; date of patent Dec. 22, 1936; disclaimer filed Jan. 8, 1938; v. 487; p. 1.
- Rail joint and bar therefor. George Langford. Re. No. 19,638; date of patent July 9, 1935; disclaimer filed Mar. 5, 1938; v. 488; p. 885.
- Rails. Apparatus for bonding. Pliny P. Pipes. No. 2,045,333; date of patent June 23, 1936; disclaimer filed Feb. 17, 1938; v. 488; p. 444.
- Receptacle. Electrical. Francis J. Hines. (Three cases.) Nos. 1,645,950, 1,823,143, and 1,852,459; date of patents Oct. 18, 1927, Sept. 15, 1931, and Apr. 5, 1932; disclaimers filed May 3, 1938; v. 490; p. 736; and v. 490; p. 974.
- Refrigerating apparatus. Charles Joseph Sekyra. No. 2,040,631; date of patent May 12, 1936; disclaimer filed Mar. 14, 1938; v. 489; p. 229.
- Refrigerating systems. Equalizing connection for. Robert L. Sparks. No. 2,100,494; date of patent Nov. 30, 1937; disclaimer filed Sept. 15, 1938; v. 495; p. 213.
- Roofing granule and process of making the same. Edward A. Leonard. No. 2,037,802; date of patent Apr. 21, 1936; disclaimer filed Feb. 14, 1938; v. 488; p. 444.
- Rotary drilling rig. Harry Pennington. No. 1,822,710; date of patent Sept. 8, 1932; disclaimer filed June 16, 1938; v. 492; p. 256.
- Rubber. Softened. Warren F. Busse. No. 2,136,373; date of patent Sept. 15, 1938; disclaimer filed Nov. 25, 1938; v. 497; p. 564.
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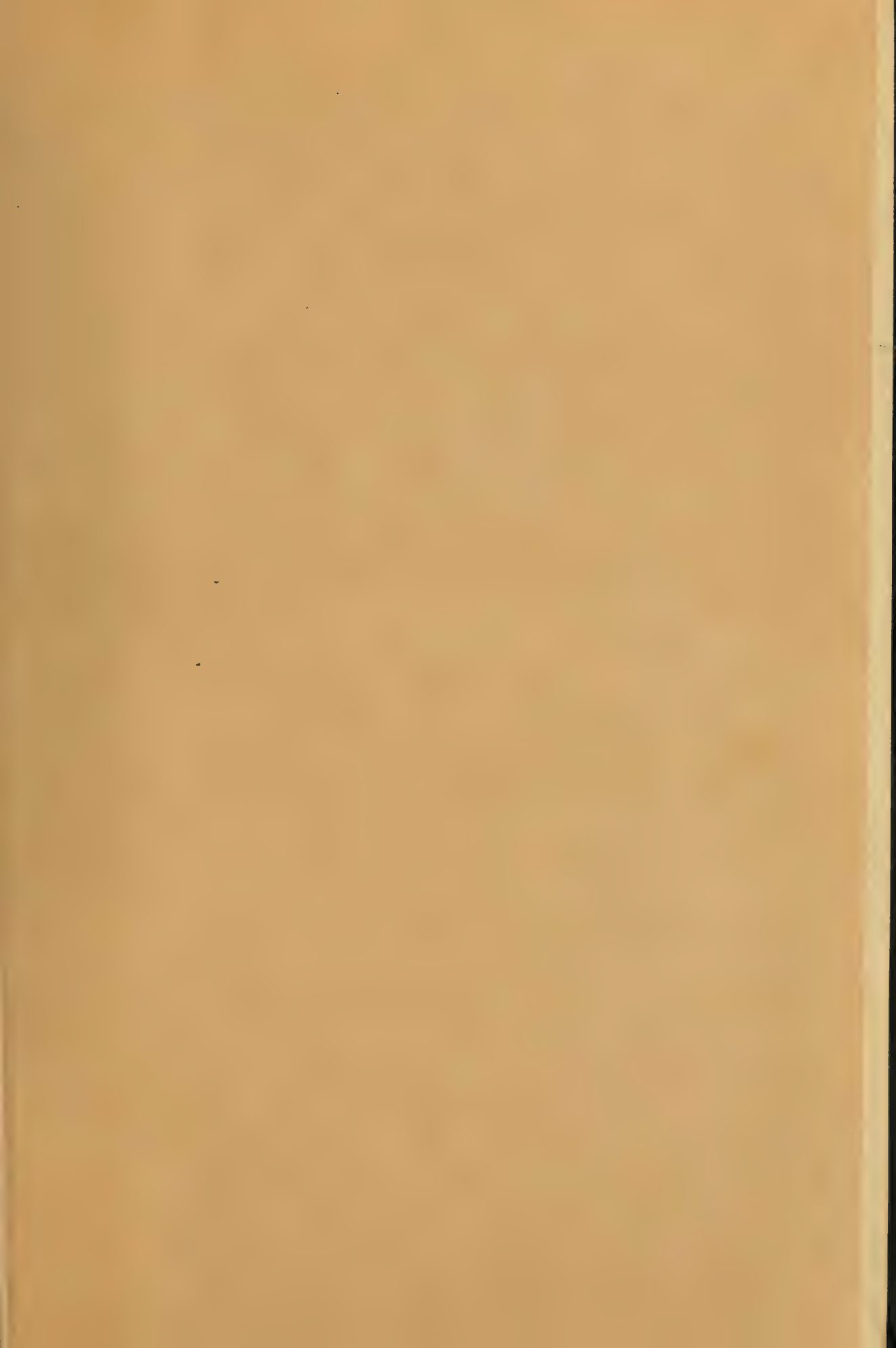
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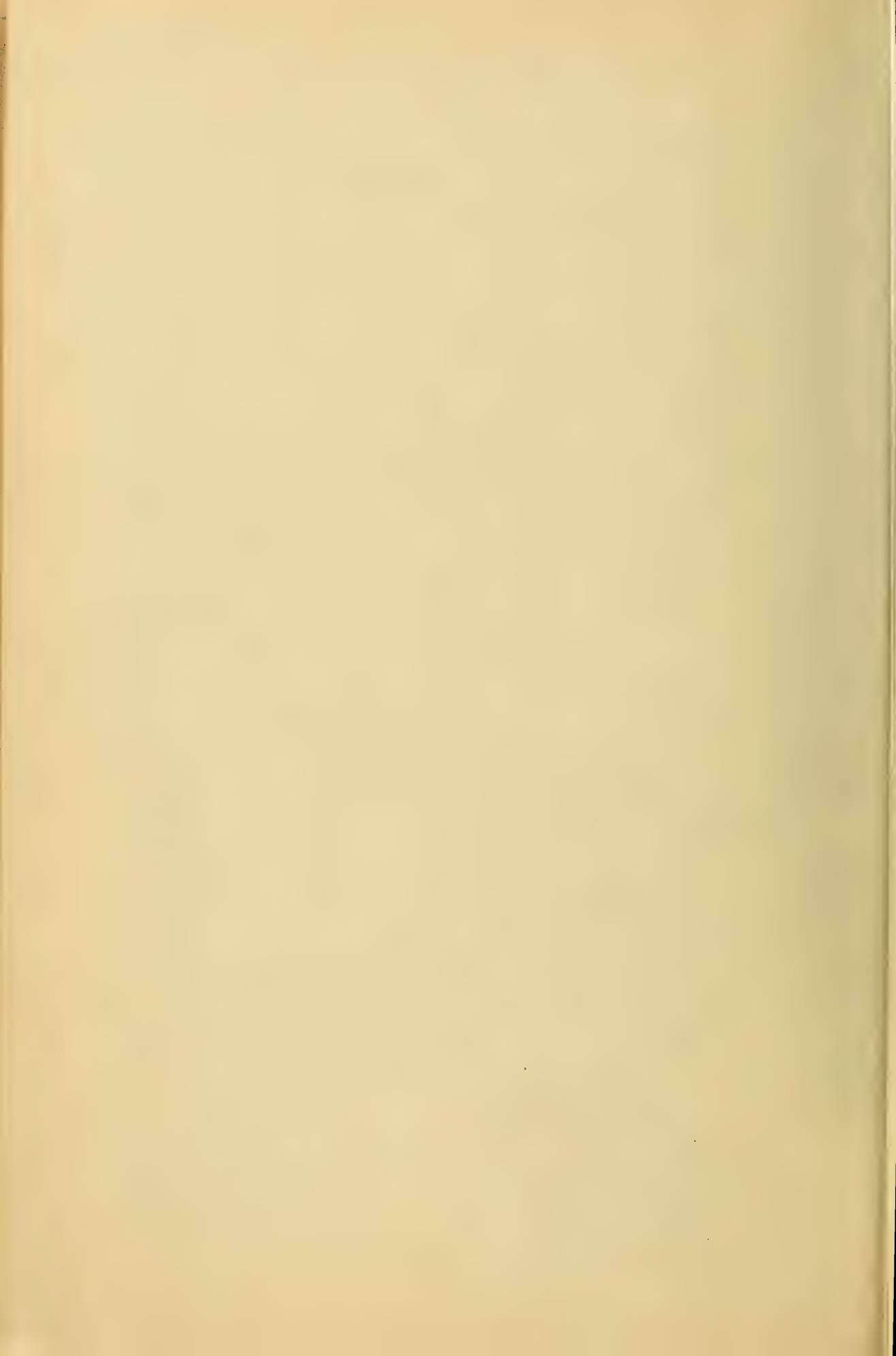


























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